

SOB BOS

MINUTES

SOB BOS

MINUTES

Minutes of Meeting of BOS MBA Dual Degree Programme. – FMS, MITS

Date: April 18, 2013.

Venue: Smart Class Room FMS- MITS

Members Present: Dr. Ch.S Durga Prasad, Dr.M Gurusami, Dr. Hemant Anand, Dr. B.S. Rathore, Dr.Sourabh Sharma, Ms.Divya Ray Mathur.

Special Invitees: Ms. Sunita Verma, Ms. Priyanka Jain, Mr. Atanu Talukdar, Mr. Prasad Begde, Mr. Ankur Roy, Ms. Amrita Shashi.

Leave of absence: Prof. Nageshwar Rao, Mr. Raj Agrawal.

- The board reviewed the MBA curriculum and the following decisions were taken:
 - i Changes in the course structure and curriculum necessitate changing the course codes and hence coding is done as per the logic [the alphabets indicate the area, the first number indicates the year, the second number indicates the semester and the third number indicates the serial number in the area and semester]
 - ii Changes in the curriculum to be implemented:-

Semester I

1. Operations Research (GM 522), which was earlier taught in semester II is to be taught in MBA Semester I and course code would now be GM 512)
2. Changing Environment of Business (GM 541) to be renamed as Business Environment and the code would be (GM 515)

Semester II

1. Legal Environment of Business (GM 511) which was earlier taught in semester I would now be shifted to MBA semester II and the code would now be (GM 523)
2. The course Communication Skills & Personality Development (HR 502) would be replaced by Business English II (GM 521)

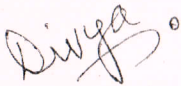
Semester III

1. A new specialization paper Product and Brand management (MK 633) is introduced in Marketing area.
2. Entrepreneurship (GM 631) is introduced as a new core course.
3. Further the paper International Management (GM 623) to be renamed as International Business Management and new code would be(GM 633).
4. The paper Industrial Analysis(GM 532) to be combined with Internship Dissertation (GM 634) and total credits would remain as 6.

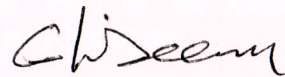
Ch Deem

Semester IV

1. Business Plan & Project Management (GM 603) paper shifted from III semester to semester IV and new code would be (GM 642)
 2. The syllabus of Data Warehousing and Mining (SY 634) is modified and updated and the new code would be (SY 643).
- iii The Board approved to increase the credits of core functional papers. These courses would now earn credits 4 instead of 3 each. The earlier contact hours for these courses were 39 but would now be increased to 52. Marketing Management (MK 502) code now would be (MK 521) Business Finance (FM 502) code would now be (FM 521) and Human Resource management (HR 512) would now bear the code (HR 521)
- iv It was proposed to introduce Comprehensive Viva Voce at end of MBA IV semester (GM 643).
- v It was also proposed that the duration of ETE (End Term Exam) of each paper should be 3 hours instead of present 2.5 hours.
- vi The syllabi and course codes for the new/modified courses are attached herewith.



(Divya Ray Mathur)



(Dr. Ch. S. Durga Prasad
Dean – FMS.)

Encl.: Revised Curriculum

File BOS

Mody University of Science & Technology
Faculty of Management Studies
Minutes of BOS (BM & MAM) Meeting Held on January 12, 2015

Members Present: Prof. Suresh Advani
Dr BS Rathore
Ms Divya Ray
Prof. Harsh Dwivedi (On line)
Dr Raj Agarwal (On line)

Discussions:

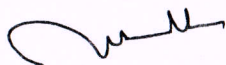
1. Change of nomenclature of BM & MAM programme as per The Gazette of India, July 5, 2014 (UGC) No. F.1/2013 (CPP-II).

Observation:

1. It has been observed that UGC has categorically specified nomenclature of degrees at all levels of higher education, which the universities/institutions must adhere to.
2. Nomenclature degrees that are in vogue in the discipline of Business Administration/Commerce/Management/Finance shall be restructured as per the table specified i.e. BM to BBA and MAM to MBA (Applied).

Recommendations:

1. After careful and detailed deliberations BOS approved restructuring of BM+MAM degree to BBA+MBA (Applied) degree in order to comply with the aforesaid Gazette.
2. Also, it has been approved that the course structure of BM degree shall be brought at par with the BBA degree of FASC, MUST.



(Dr BS Rathore)
Member



(Prof. Suresh Advani)
Dean

Mody University of Science & Technology
Faculty of Management Studies
Minutes of BOS (MBA) Meeting Held on January 12, 2015

Members Present: Prof. Suresh Advani, Dr BS Rathore, Ms Divya Ray, Prof. Harsh Dwivedi (On line) and Dr Raj Agarwal (On line)

Discussion:

1. The members discussed the existing syllabi of the MBA-II semester.
2. The members discussed the relevance and contemporariness of the following courses in detail.
 - a. HR 502 Human Resource Management
 - b. FM 502 Business Finance
 - c. MK 502 Marketing Management
 - d. GM 532 Industrial analysis.

Observation:

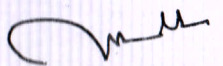
1. The members observed that curriculum of the courses HR 502 Human Resource Management, FM502 Business Finance and MK 502 Marketing Management need revision.
2. GM 532 Industrial analysis is redundant for MBA (Tech.) students as they are taking a comprehensive project; hence it may be scrapped.
3. Marketing Management-I and Marketing Management-II courses may be introduced to keep pace with the changing business environment.

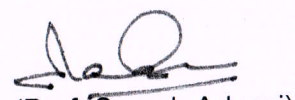
Recommendations:

1. The members resolved to approve inclusion of Marketing Management-I and Marketing Management-II courses during second semester for MBA students and eighth semester for MBA (Tech.) students.
2. The members resolved to approve the suggested curriculum, by subject experts, of the following courses.
 - a. HR 502 Human Resource Management
 - b. FM 502 Business Finance
 - c. MK 501 Marketing Management-I
 - d. Mk 502 Marketing Management-II
3. Following will be the curriculum for second semester of MBA students and eighth semester of MBA (Tech.) students.

MBA			MBA (Tech.)		
Course Code	Course Title	Cr	Course Code	Course Title	Cr
GM 502	Business English II	3	GM 502	Business Research Methods	3
GM 512	Business Research Methods	3	GM 512	Operations and Production Management	3
GM 522	Legal Environment of Business	3	GM 541	Changing Business Environment	3
GM 532	Operations and Production Management	3	SY 512	Management Information System	3
HR 502	Human Resource Management	3	FM 502	Business Finance	3
MK 501	Marketing Management-I	3	MK 501	Marketing Management-I	3
MK 502	Marketing Management-II	3	MK 502	Marketing Management-II	3
FM 502	Business Finance	3	HR 512	Human Resource Management	3
SY 502	Management Information System	3			
Total Credits		27	Total Credits		24

A detailed syllabus of the courses is attached herewith.


 (Dr BS Rathore)
 Member


 (Prof. Suresh Advani)
 Dean

Mody University of Science & Technology
Faculty of Management Studies
Minutes of BOS (MBA) Meeting Held on April 07, 2015

Members Present:

Prof. Suresh Advani,
Dr BS Rathore
Ms Divya Ray
Prof. Harsh Dwivedi (On line)
Dr Raj Agarwal (On line)

Discussion:

1. The members discussed the existing syllabi of the MBA programme.
2. The members discussed the relevance and contemporariness of all the courses in detail.

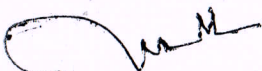
Observation:

1. The members observed that curriculum of MBA programme need revitalization.
2. A course 'Business Simulation' needs to be introduced from the Spring Semester 2014-15 onwards in the final semester of MBA programme in order to make students learn and understand practical decision making and effect on business strategies.

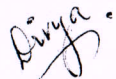
Recommendations:

1. The members resolved to approve new curriculum for the MBA programme as per the attached document.
2. The new curriculum for MBA programme will be implemented from Autumn Semester 2015-16 except the course Business Simulation.
3. Curricula for MBA programme shall be reviewed annually in order to keep pace with changing business environment and suitable changes shall be brought in the curricula.

A detailed outline of the curricula and contents of all the revised courses form a part of this document.



(Dr BS Rathore)
Member



(Ms Divya Ray)
Member



(Prof. Suresh Advani)
Dean, FMS

Mody University of Science and Technology
Faculty of Management Studies
Minutes of BOS (BBA + MBA Applied)
Held on May 28, 2015

Members Present: Prof. Suresh Advani
Dr. B. S. Rathore.
Ms. Divya Ray Mathur

In the meeting of BOS held on January 12, 2015, it was decided to restructure the BM+MAM degree to BBA+MBA (Applied) degree in order to comply with The Gazette of India, July 5, 2014 (UGC) No. F.1/2013 (CPP-II) and for the course structure of BM degree to be brought at par with the BBA degree of MUST.

Consequently the students admitted to the BM + MAM dual degree program were transferred to the BBA II semester after completion of semester I as per syllabus of the BM program.

I Integrated Program (BBA + MBA) formerly known as BM+MAM Program

1. In order to bring them at par with the BBA students admitted in the year 2014, the contents of the courses offered to BM + MAM students during autumn semester were compared with those of BBA semester I. On comparison the contents of BM 151- Computer Applications were found to be equivalent to those of CA 111 – Fundamentals of Computers and IT. Similarly the contents of Business English Certificate (BEC) Preliminary course were also equivalent to those of EL 101- Foundation course in English.
2. The students were offered three additional courses namely, BM 121-Principles of Management, FA 141- Financial Accounting and EM 121- Microeconomics in the spring semester of academic year 2014 – 15.
3. The BOS further approves that CA 141 - Application Software Laboratory will be offered as an audit course. FA 111 - Business Statistics (3 credits) and EV 111 - Environmental Science (1 credit) will be offered to these students in the III semester i.e. autumn semester of 2015 – 16. The students admitted in the BM + MAM program in 2014 will therefore be brought at par with the BBA batch by the end of semester III.
4. The students who will be admitted to this program from the year 2015 -16 onwards will follow the program structure of the BBA program of MUST for the first three years of the program. In the final two years the present MBA Program structure will be followed. In addition courses of applied nature will be included in the program structure which will be proposed in due course.

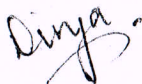
II : MBA Tech Integrated Program

A . Correcting Typographical Error

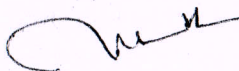
A typographical error has been brought to the notice of the board regarding the course code **GM 532** Industrial Analysis offered to the MBA Tech students during VIII semester i.e. spring semester of 2013 – 14. The board resolved that the code may be read as **IA 532**.

B. Change in Program Structure of MBA (Tech.) W.E.F. Spring Semester 2014-15

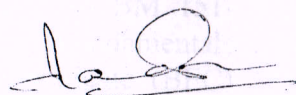
1. The members discussed the existing Program Structure of MBA (Tech.) from Eighth semester onwards.
2. The members discussed the relevance and contemporariness of all the courses offered at FMS from eighth semester onwards in detail and observed a need for change in the curricula in order to incorporate the latest changes in the business environment.
3. The members resolved to approve new program structure for the students from eighth semester onwards as per the attached document (Annex. – A). The new structure shall be implemented from Spring Semester 2014-15.
4. This structure shall be reviewed annually in order to keep pace with changing business environment and suitable changes shall be brought in.



Ms. Divya Ray Mathur
Member



Dr. B.S. Rathore
Member



Mr. Suresh Advani
Dean - FMS

Mody University of Science and Technology
Faculty of Management Studies
Minutes of BOS (MBA/MBA-Tech.)
Held on June 29, 2015

Members Present: Prof. Suresh Advani
Dr. B. S. Rathore.
Ms. Divya Ray Mathur

(A) Inclusion of new elective specialization (International Business) into MBA (Tech.) programme

Background:

To keep pace with the changing business environment and to accommodate students' demand, FMS has proposed to introduce new elective specialization; viz. International Business. Academic curriculum for the elective specialization International Business has been introduced in the year 2011 and approved by the 15th meeting of the senate held on 16/11/2011 and subsequently course structure was approved by the 1st meeting of the ACM held on 18 July 2014.

As per the practice elective specializations remain open to all the students pursuing MBA programme including MBA (Tech.) programme.

Discussion:

- i. The members discussed the existing syllabi of the MBA (Tech.) programme and MBA programme.
- ii. The members discussed the relevance and contemporariness of all the courses in detail.
- iii. The members discussed the details of the oversight and elucidations to avoid such oversight.

Observation:

The members observed that the result Autumn Semester 2014-15 has been approved by the CoE with the same specialization i.e. International Business. Hence, it has been construed by the office of Dean, FMS that the office of Dean, FET has incorporated the new elective specialization International business into MBA (Tech.) programme. However, due to oversight, necessary amendments in the existing curriculum of MBA (Tech.) programme were not incorporated.

Recommendations:

The members accordingly resolved to include approved new elective specialization; viz. International Business in the curriculum of MBA (Tech.) programme with following courses.

- IB 603: Export Documentation and Procedure
- IB 613: WTO & Intellectual Property Rights
- IB 604: International Marketing
- IB 614: International Finance Management

- (B) Inclusion of changes in the agenda for PGRPC (Ref: Minutes of BOS meeting held on 07 April 2015; page No. 2).

Discussion:

- a. The course Business Simulation was introduced in the Spring Semester 2014-15 first time to MBA and MBA (Tech.) students. The course was well received by the students and appreciated by internal and external faculty members. During subsequent discussion amongst students and faculty members it was felt that if the course Business Simulation offered in Autumn Semester would more appropriate as the course would provide input to the course Comprehensive Project. Hence, the board members propose to offer the course Business Simulation in Autumn Semester.
- b. Also, the courses International Business Management provide input to the course Business Plan & Project Management; hence board members propose the following structure.

i. Second Year: Autumns Semester

GM 643	Corporate Governance & Social Responsibility of Business	3	0	0	3	3	30	20	50
GM 653	Business Plan & Project Management	3	0	0	3	3	30	20	50

Aforesaid two courses need be replaced with following courses

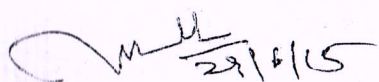
GM 653	Business Simulation	1	0	2	3	-	-	-	100
GM 623	International Business Management	3	0	0	3	3	30	20	50

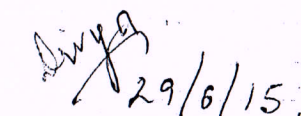
ii. Second year: Spring Semester

GM 634	Legal Aspects of Business	3	0	0	3	3	30	20	50
GM 654	Business Simulation	1	0	2	3	-	-	-	100

Aforesaid two courses need be replaced with following courses.

GM 604	Corporate Governance & Social Responsibility of Business	3	0	0	3	3	30	20	50
GM 654	Business Plan & Project Management	3	0	0	3	3	30	20	50


(Dr BS Rathore)


(Ms Divya Ray)


(Prof. Suresh Advani) 29/06

Mody University of Science & Technology
College of Business Management, Economics and Commerce
Minutes of BOS (MBA) Meeting Held on December 17, 2015

Members Present: Prof. Suresh Advani, Dr BS Rathore, Prof. Harsh Dwivedi (On line) and Dr Raj Agarwal (On line).

Member Absent: Ms Divya Ray

Discussion:

1. The members discussed the existing syllabi of the MBA-IV semester.
2. The members discussed the changes in business environment and requirements of business entities in the candidate during campus placement.

Observation:

1. The members observed that MBA students need to equip with tools and techniques of behavioral science knowledge to manage the change and innovation as OD and Change, a top-driven and facilitating process, is for improving organizational effectiveness that culminates into organizational renewal.

Recommendations:

1. The members resolved to approve inclusion of the course - Management of Change & Innovation – as optional course during Spring Semester 2015-16 to MBA –II year students on trial basis. The result of the course shall be reflected on grade cards of the students. The course shall be regularized on appropriate response.
2. Course contents forms part of this document.



(Dr BS Rathore)
Member



(Prof. Suresh Advani)
Dean

Mody University of Science and Technology, Lakshmangarh

College of Business Management, Economics and Commerce

Minutes of I BOS UG Meeting Held on 28/05/2016

Meeting No. 1

Date: 28th May, 2016

Day: Saturday Time: 10:30 AM.

Members Present

Prof Suresh Advani

Prof Sunil Jakhoria

Prof. Jelsy Joseph

Dr. Manish Didwania

Dr. B. S. Rathore

Dr. Satyendra Kr. Sharma (*External Expert, BITS-Pilani*)

Dr. Sushil Kumar Rai

Dr. Rajesh Sharma

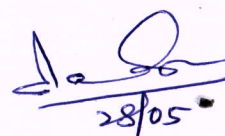
Dr. Priyanka Jain

Mr. Sumit Kulshrestha

Leave of Absence

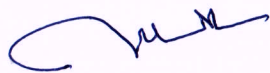
Dr Pradeep Kautish

Agenda No.	Description	Decision
1.01	To consider the proposal of the Faculty Council Meeting held on May 25, 2016 for the replacement of existing programme of BA (Hons.) in Economics with a modified programme of Economics (Hons.) which will be offered in the session 2016-17. Description of the programme is attached herewith (Annexure-I).	Approved
1.02	To consider the proposal of the Faculty Council Meeting held on October 1, 2015 for the inclusion of Dissertation in place of Internship in B.Com (Hons.) II year. Description of the proposal is attached herewith (Annexure-II).	Approved
1.03	To consider the proposal of course co-ordinator of the course Strategic Management (BM 381) of BBA III year to change the existing Text book to the suggested Text Book. Description of the proposal is attached herewith (Annexure-III).	Dropped
1.04	To consider the proposal of course co-ordinator of the course Introduction to Production and Operations Management (BM 361) of BBA III year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-IV).	Approved
1.05	To consider the proposal of course co-ordinator of the course Business Finance-I (FA 251) of B.Com (Hons.) II year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-V).	Approved
1.06	To consider the proposal of course co-ordinator of the course Business Finance-II (FA 222) of B.Com (Hons.) II year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-VI).	Dropped



28/05

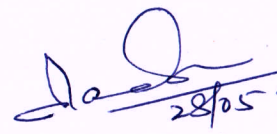
- 1.07 To consider the proposal of course co-ordinator of the course Principles of Management (BM 121) of B.Com (Hons.) II year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-VII). Approved
- 1.08 To consider the proposal of course co-ordinator of the course Entrepreneurship Development (BM 152) of B.Com (Hons.) III year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-VIII). Approved
- 1.09 To consider the proposal of course co-ordinator of the course Retail Management (BM 371) of BBA III year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-IX). Approved



(Dr BS Rathore)
Secretary



(Dr Satyandra K Sharma)
External Expert


28/05

(Prof Suresh Advani)
Dean

Mody University of Science and Technology, Lakshmangarh
College of Business Management, Economics and Commerce

Minutes of II BOS Meeting (UG) Held on 22/07/2016

Meeting No.: 2 **Date:** 22nd July, 2016 **Day:** Friday **Time:** 10:00 AM.

Members Present

Prof Suresh Advani
Prof Sunil Jakhoria
Prof. Jelsy Joseph
Dr Pradeep Kautish
Prof Govind Pareek (*External Expert*)

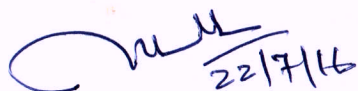
Dr. Sushil Kumar Rai
Dr. Manish Didwania
Dr. B. S. Rathore
Dr NK Saxena (*Special Invitee*)

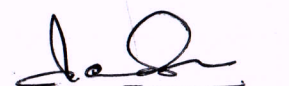
**Agenda
No.**

Agenda & Minutes

Annexures

- | | | |
|------|--|--------|
| 2.01 | <p>To consider the proposal of the Faculty Council Meeting held on July 15, 2016 for the revamping of existing academic curriculum of B. Com. (Hons.) programme which will be offered from the session 2016-17. Description of the programme is attached herewith (Annexure-A to Annexure-G).</p> <p><i>Considered and approved the recommendation of the Faculty Council, COBMEC for revamping of existing academic curriculum of B. Com. (Hons.) programme which will be offered from the session 2016-17.</i></p> | A to G |
| 2.02 | <p>To consider the proposal of course co-ordinator of the course Principles of Management (BM 121) of BBA I year to change the existing Text book to the suggested Textbook.</p> <p><i>Considered and approved the recommendation of the Faculty Council, COBMEC for changing the existing text to suggested text book of the course Principles of Management (BM 121) of BBA I year.</i></p> | H |


(Dr BS Rathore)
Secretary


(Prof Suresh Advani)
Dean

Mody University of Science and Technology, Lakshmangarh
College of Business Management, Economics and Commerce

Minutes of III BoS Meeting Held on 06/10/2016

Meeting No.: 3 **Date:** 06th October, 2016 **Day:** Thursday **Time:** 10:45 AM
Venue: Conference Hall, COBMEC

Members Present

Prof. Suresh Advani
Prof. Sunil Jakhoria
Prof. Jelsy Joseph
Dr. Pradeep Kautish

Dr. Sushil Kumar Rai
Dr. Manish Didwania
Dr. B. S. Rathore
Dr. Satyendra K Sharma (*External Expert*)*

Agenda No.	Agenda & Minutes	Action	Annexures
3.01	To consider the proposal for modifying the nomenclature of Dual Degree Programme i.e. BBA+MBA (Applied) to Dual Degree (BBA) – (MBA) as per the UGC guidelines. The concept note is attached (Annexure-I). <i>Approved and recommended to UGPC for approval.</i>	BoS Secretary	A I
3.02	As per the 26th Academic Council Meeting decision the course of ‘Environmental Studies’ is incorporated in the curriculum structure of BBA and dual degree programme of (BBA) – (MBA). Curriculum structure is attached (Annexure-II). <i>Noted and forwarded to UGPC for information.</i>	BoS Secretary	B II
3.03	To correct the typographical error of a course code EM 151, (Principles of Economics-I) of the B.A. (Hons.) in Economics programme. <i>Approved and forwarded to UGPC for approval.</i>	BoS Secretary	C III


(Dr BS Rathore)
Secretary


(Prof. Sunil Jakhoria)
Co-Chairperson
(Associate-Dean)


(Prof. Suresh Advani)
Chairperson
(Dean)

*External Expert has given his consent through e-mail.

Minutes of the 5th Meeting of the Board of Studies (BOS) held on Monday, 29th October, 2018 at 04:45 PM in the Conference Room, SMS

Members Present

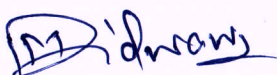
1.	Prof M Venu Gopala Rao (Chairperson-BOS)	5.	Dr Pradeep Kautish, Member
2.	Dr Sourabh Chadha (Special Invitee, BITS Pilani)	6.	Dr Manish Didwania, Member
3.	Dr SK Sharma (External Expert - Academics)	7.	Dr Rajesh Sharma, Member
4.	Dr BS Rathore, Member & Secretary	8.	Dr SS Rajpurohit, Member

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 5 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
4.1	<i>To confirm the minutes of the meeting of the 4th BOS held on 26th June, 2017.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 26 th June, 2017 and circulated on 27 th June, 2017. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
4.2	<i>To consider the recommendation of the Coordinator, UG programs regarding approval of the program structure and syllabus of the programs BA (H) in Economics, B.Com (H), BBA and Dual Degree (BBA)-(MBA) as per the Academic Model.</i> Chairperson and members suggested that there is a requirement of overall development of students in the contemporary and competitive business scenario in India in particular and international as whole. Therefore, a select University core courses shall be part of the each program curriculum. Also, students should participate in skill development programs i.e. Sports, Yoga, Life Skills, Music, Fine Arts, MOOCs etc. which shall be conducted at University level. After above discussions in detail, the BOS approved the program structure and syllabus of the programs BA (H) in Economics, B.Com (H), BBA and Dual Degree (BBA)-(MBA). Approved program structure and syllabus shall be forwarded to the UGPC.	A

4.3	<i>To consider the recommendation of the Coordinator, UG programs regarding -</i> <i>(i) approval of the course contents of the course BC 212 Indirect Tax Laws and</i> <i>(ii) replacing the course FA 314 Taxation Laws and Practice with FA 316 Indirect Tax Laws of B.com (H) program as the earlier tax laws are replaced with GST.</i> Chairperson and members deliberated on the GST issue and agreed that Goods and Service Tax (GST) is an indirect tax levied on the supply of goods and services and it has replaced many indirect tax laws that previously existed in India; hence, the earlier tax laws of the B.Com curriculum need to be replaced with GST. After above discussions in detail, the BOS approved (i) the course contents of the course BC 212 Indirect Tax Laws and (ii) the course contents of the course FA 316 Indirect Tax Laws of B.Com (H) program.	B
4.4	<i>To consider the recommendation of the Coordinator, MBA program regarding approval of the program structure and syllabus of the MBA (Dual Specialization) program as per the Academic Model.</i> Chairperson and members suggested that there is a requirement of overall development of students in the contemporary and competitive business scenario in India in particular and international as whole. Therefore, a select University core courses shall be part of the each program curriculum. Also, students should participate in skill development programs i.e. Sports, Yoga, Life Skills, Music, Fine Arts, MOOCs etc. which shall be conducted at University level. After above discussions in detail, the BOS approved the 'MBA (Dual Specialization) program structure and syllabus. Approved program structure and syllabus shall be forwarded to the PGRPC.	C
The meeting ended with a vote of thanks to the Chair.		



(Dr SK Sharma)
Expert-External



(Dr Manish Didwania)
Member



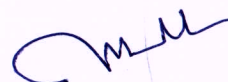
(Dr Pradeep Kautish)
Member



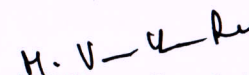
(Dr Rajesh Sharma)
Member



(Dr SS Rajpurohit)
Member



(Dr BS Rathore)
Secretary, BOS


(Prof M Venu Gopala Rao)
Chairperson - BOS

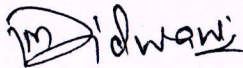
Minutes of the 1st Meeting of the Board of Studies (BOS) held on Saturday, 17th November, 2018 at 04:45 PM in the Conference Room, SMS

Members Present

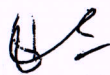
1.	Prof M Venu Gopala Rao (Chairperson-BOS)	5.	Prof MK Sharma, Member
2.	Mr Deepak Sharma (Expert – Industry) DRDO	6.	Dr Manish Didwania, Member
3.	Dr BS Rathore, Member & Secretary	7.	Dr Rajesh Sharma, Member
4.	Dr Pradeep Kautish, Member	8.	Dr SS Rajpurohit, Member

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 1st meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
1.1	<i>To consider the recommendation of the Coordinator, B.Sc (Tourism and Travel Management and Airlines and Airport Management) programs regarding approval of the program structure and syllabus of the programs for first year i.e. Academic Year 2018-19-</i> (i) B.Sc (Tourism and Travel Management and (ii) B. Sc (Airlines and Airport Management) Chairperson and members suggested that there is a requirement of the aforesaid programs in the market; hence such market oriented programs need to be launched. After above discussions in detail, the BOS approved the program structure and syllabus of the aforesaid programs. Approved program structure and syllabus shall be forwarded to the UGPC.	A

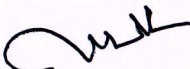

(Mr Deepak Sharma)
Industry-Expert

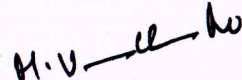

(Dr Manish Didwania)
Member

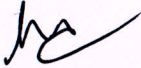

(Dr Pradeep Kautish)
Member


(Dr Rajesh Sharma)
Member


(Dr SS Rajpurohit)
Member


(Dr BS Rathore)
Member


(Prof M Venu Gopala Rao)
Chairperson - BOS


(Prof MK Sharma)
Member

Minutes of the 6th Meeting of the Board of Studies (BOS) held on Saturday, 8th June, 2019 at 10:00 am in the Conference Room, SMS

Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	8.	Dr SS Rajpurohit, Member
2.	Prof SS Bhattacharya, NITIE Mumbai (External Expert-Academics)	9.	Dr Rajesh Sharma, Domain Expert
3.	Dr Satyander Sharma, BITS Pilani (External Expert-Academics)	10.	Dr Priyanka Jain, Domain Expert
4.	Mr Sonjai Kumar, Jt Secretary-Risk Mgmt. Asso. of India (External Expert-Industry)	11.	Dr Snajay Joshi, Domain Expert
5.	Mr Akash Kumar, Sr VP-Axis Bank (External Expert-Industry)	12.	Dr BS Rathore, Secretary-BOS
6.	Dr Pradeep Kautish, Member	13.	Dr Ashish Sharma, Spl Invitee
7.	Dr Manish Didwania, Member	14.	Dr D Suresh Kumar, Spl Invitee

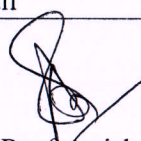
S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 6 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
6.1	<i>To confirm the minutes of the meeting of the 5th BOS held on 29th October, 2018.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 29 th October, 2018 and circulated on 30 th October, 2018. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
6.2	<i>To consider the proposal of the Under Graduate Programme Committee for revamping of existing academic curriculum of BBA programme this will be offered from the session 2019-20.</i> External Expert (Industry) suggested that all the programmes must have a course curriculum of risk management at the core level rather than at the elective level. External Expert (Academics) suggested that the BBA and MBA programme should have a course on Entrepreneurship, New venture creation or innovation. Chairperson opined that the course India's Diversity & Business should be replaced with Evolution of Indian Business. After above deliberations in detail, the BOS approved the BBA programme structure and syllabus. The approved programme structure and syllabus will be forwarded to the UGPC.	A
6.3	<i>To consider the proposal of the Under Graduate Programme Committee for revamping of existing academic curriculum of Dual Degree (BBA - (MBA) programme this will be offered from the session 2019-20.</i> The BOS, after detailed discussion, accepted the recommendation of the Under Graduate Programme Committee and approved the programme structure and syllabus of the Dual Degree (BBA - (MBA) programme with following propositions for incorporation and implementation.	B




	- Introduce one additional course in each semester, as against the BBA program, in the form of certification courses. In the first two years, there will be two tracks of the same and students will have to choose one. Track one goes the academic way to enhance the academic base of students in overall social sciences by introducing one course in each semester on sociology, psychology, philosophy and political science. Track Two will be taking the Liberal Arts route and have Music I; Music II (or Dance I, Dance II); Yoga Health & Lifestyle and Public Speaking & Personality Development. In Third year Semester Five– the students will have a choice between Management of Fashion and Computer aided Designing in Business. And in Semester Six it will be a choice between Forensic Science in Business Management and Graphic & Web Designing. - Introduce “Case Study in Management” in the fourth year of the programme as an intrinsic component of the program. Students would be required to develop a case study on an assigned company – after a thorough cross-functional analysis. The approved programme structure will be forwarded to the UGPC.	
6.4	<i>To consider the proposal of the Under Graduate Programme Committee for inclusion of Choice Based Credit System (CBCS) in the existing BA (H) in Economics programme.</i> The BOS accepted the recommendations of the Under Graduate programme Committee for inclusion of Choice Based Credit System (CBCS) in the existing BA (H) in Economics programme. The approved programme structure will be forwarded to the UGPC.	C
6.5	<i>To consider the proposal of the Under Graduate Programme Committee for launching of new programme BBA (with Specialization) this will be offered from the session 2019-20.</i> Under Graduate Programme Committee propose to introduce BBA programme with specialization in Marketing Management, Human Resource Management, Financial Services and Tourism Management with the objectives – (i) To provide in-depth knowledge to the students in a specific business area, (ii) To keep pace with the changing environment, (iii) To enhance the quality of placement of the students, and (iv) To help students in choosing area of specialization while pursuing higher studies. External Expert (Industry) suggested that all the programmes must have a course curriculum of risk management at the core level rather than at the elective level. External Expert (Academics) suggested that the BBA and MBA programme should have a course on Entrepreneurship, New venture creation or innovation. After above deliberations in detail, the BOS approved the BBA (With Specialization) programme structure and syllabus. The approved programme structure and syllabus will be forwarded to the UGPC.	D
6.6	<i>To consider the proposal of the Under Graduate Programme Committee for launching of new programme B.Com. (H) (with Specialization) this will be offered from the session 2019-20</i> The recommendation of the Under Graduate Programme Committee for launching of new programme B.Com. (H) (with Specialization) has been accepted and approved by the BOS this will be offered from the session 2019-20. The approval of the BOS will be forwarded to the UGPC.	E
6.7	<i>To consider the proposal of the MBA Programme Committee (MPC) for revamping of existing academic curriculum of MBA programme this will be offered from the session 2019-20.</i>	F

	Chairperson suggested the following- ➤ Summer Internship duration should be of 8 weeks. And evaluation pattern shall be – Report: 25% weight, Final Viva-Voce: 25%, Faculty mentor evaluation: 25% and Industry mentor evaluation: 25%. Also, coordinator-MPC was requested to design a performance evaluation criteria and sheet for faculty mentor and industry mentor. ➤ Dissertation shall be of 6 credits and it shall spread over to two semesters i.e. III and IV. ➤ Supply Chain Management should be a separate area of specialization with the courses, viz, (i) Purchase and Vendor Management, (ii) Logistics and Distribution, (iii) ERP, (iv) Global Supply Chain, (v) Supply Chain Analytics and (vi) Supply Chain Risk Management. ➤ Travel and Tourism shall be a specialization area. Dr Sanjay Joshi has been asked design course curriculum. ➤ Students should not be allowed to opt for Retail and Travel & Tourism as Dual Specialization combination. Both are domains – a students can opt for specialization in one functional area and one domain area; or two functional areas; but not domain areas. Chairperson, proposed General Management as a separate Area to be formed. Also, he proposed the following areas for specialization, for which SMS should be ready by beginning of next academic year. • Health care • Social Sector Management • Accounting • Business Analytics • Economics • Insurance and Risk Management. • Media and Communication After above deliberations in detail, the BOS approved the MBA (Dual Specialization) programme structure and syllabus. The approved programme structure and syllabus will be forwarded to the PGRPC.	
6.8	<i>With permission of the chair, Dr Sanjay Joshi requested members of the BOS to consider the recommendation of the Under Graduate Programme Committee regarding approval of second and third year programme structure and syllabus of the programmes BBA (Tourism and Travel Management) and BBA (Airlines and Airport Management).</i> The BOS accepted the recommendations of the Under Graduate programme Committee and approved <i>second and third year programme</i> structure and syllabus of the programmes BBA (Tourism and Travel Management) and BBA (Airlines and Airport Management). The approved programme structure will be forwarded to the UGPC.	G
	The meeting ended with a vote of thanks to the Chair	


 (Dr BS Rathore)
 Secretary, BOS


 (Prof Anirban Sengupta)
 Chairperson, BOS

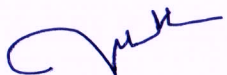
Minutes of the 6th Meeting of the Board of Studies (BOS) (PG) held on Saturday, 8th June, 2019 at 10:00 am in the Conference Room, SMS

Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	8.	Dr SS Rajpurohit, Member
2.	Prof SS Bhattacharya, NITIE Mumbai (External Expert-Academics)	9.	Dr Rajesh Sharma, Domain Expert
3.	Dr Satyander Sharma, BITS Pilani (External Expert-Academics)	10.	Dr Priyanka Jain, Domain Expert
4.	Mr Sonjai Kumar, Jt Secretary-Risk Mgmt. Asso. of India (External Expert-Industry)	11.	Dr Sanjay Joshi, Domain Expert
5.	Mr Akash Kumar, Sr VP-Axis Bank (External Expert-Industry)	12.	Dr BS Rathore, Secretary-BOS
6.	Dr Pradeep Kautish, Member	13.	Dr Ashish Sharma, Spl Invitee
7.	Dr Manish Didwania, Member	14.	Dr D Suresh Kumar, Spl Invitee

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 6 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
6.1	<i>To confirm the minutes of the meeting of the 5th BOS held on 29th October, 2018.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 29 th October, 2018 and circulated on 30 th October, 2018. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
6.2	<i>To consider the proposal of the MBA Programme Committee (MPC) for revamping of existing academic curriculum of MBA programme this will be offered from the session 2019-20.</i> Chairperson suggested the following- ➤ Summer Internship duration should be of 8 weeks. And evaluation pattern shall be – Report: 25% weight, Final Viva-Voce: 25%, Faculty mentor evaluation: 25% and Industry mentor evaluation: 25%. Also, coordinator-MPC was requested to design a performance evaluation criteria and sheet for faculty mentor and industry mentor. ➤ Dissertation shall be of 6 credits and it shall spread over to two semesters i.e. III and IV. ➤ Supply Chain Management should be a separate area of specialization with the courses, viz, (i) Purchase and Vendor Management, (ii) Logistics and Distribution, (iii) ERP, (iv) Global Supply Chain, (v) Supply Chain Analytics and (vi) Supply Chain Risk Management. ➤ Travel and Tourism shall be a specialization area. Dr Sanjay Joshi has been asked design course curriculum. ➤ Students should not be allowed to opt for Retail and Travel & Tourism as Dual Specialization combination. Both are domains – a students can opt for	B

	specialization in one functional area and one domain area; or two functional areas; but not domain areas. Chairperson, proposed General Management as a separate Area to be formed. Also, he proposed the following areas for specialization, for which SMS should be ready by beginning of next academic year. • Health care • Social Sector Management • Accounting • Business Analytics • Economics • Insurance and Risk Management. • Media and Communication After above deliberations in detail, the BOS approved the MBA (Dual Specialization) programme structure and syllabus. The approved programme structure and syllabus will be forwarded to the PGRPC.	
6.3	<i>With permission of the chair, Coordinator-MBA Programme Committee (MPC) requested members of the BOS to consider the recommendation of the MPC regarding implementation of new elective courses for the MBA 2018-20 batch.</i> The recommendation of the MPC about implementation of new elective courses for the MBA 2018-20 batch has been accepted and approved by the BOS. Approval of the BOS shall be forwarded to the PGRPC	
	The meeting ended with a vote of thanks to the Chair	


 (Dr BS Rathore)
 Secretary, BOS

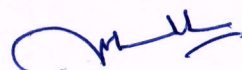

 (Prof Arpan Sengupta)
 Chairperson, BOS

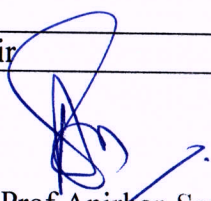
Minutes of the 7th Meeting of the Board of Studies (BOS) (UG) held on Monday, 29th June, 2020 at 03:00 pm in the Conference Room, SOB

Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	6.	Dr SS Rajpurohit, Member
2.	Prof (Dr.) Debabrata Chatterjee, IIM Kolkata (External Expert-Academics)	7.	Dr Rajesh Sharma, Domain Expert
3.	Dr Swaminathan Mani, VP & Head – Tech Mahindra (External Expert-Industry)	8.	Dr Neeta Jain, Domain Expert
4.	Dr BS Rathore, Secretary-BOS	9.	Mr. Sumit kulshrestha, Special invitee
5.	Dr Manish Didwania, Member		

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 7 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
7.1	<i>To confirm the minutes of the meeting of the 6th BOS held on 8th June 2019.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 8 th June 2019 and circulated on 9 th June 2019. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
7.2	<i>To consider the proposal of the Under Graduate Programme Committee for renovating of existing academic curriculum of Dual Degree (BBA) - (MBA) programme in order to produce socially-conscious women managers and leaders with a foundation in social sciences.</i> <i>This shall be offered from the session 2020-21.</i> The members discussed on the following: First three years of the programme - (i) language skills, (ii) oral communication skills, (ii) knowledge of foundational subjects for management studies, (iii) social understanding and nation building and (iv) foundation elements- courses in QT, Statistics and Economics, courses in Psychology, Sociology, Philosophy and Political Science along with workshops on self-discovery and nature watch. Last two years of the programme - same as that of the MBA Programme. After above deliberations in detail, the BOS approved the Dual Degree (BBA) - (MBA) programme structure and syllabus. The approved programme structure and syllabus shall be forwarded to the UGPC.	B
	The meeting ended with a vote of thanks to the Chair	


(Dr BS Rathore)
Secretary, BOS

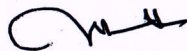

(Prof Anirban Sengupta)
Chairperson, BOS

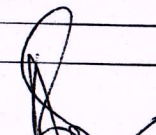
Minutes of the 7th Meeting of the Board of Studies (BOS) (PG) held on Monday, 29th June, 2020 at 03:00 pm in the Conference Room, SOB

Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	6.	Dr SS Rajpurohit, Member
2.	Prof (Dr.) Debabrata Chatterjee, IIM Kolkata (External Expert-Academics)	7.	Dr Rajesh Sharma, Domain Expert
3.	Dr Swaminathan Mani, VP & Head – Tech Mahindra (External Expert-Industry)	8.	Dr Neeta Jain, Domain Expert
4.	Dr BS Rathore, Secretary-BOS	9.	Mr. Sumit kulshrestha, Special invitee
5.	Dr Manish Didwania, Member		

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 7 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
7.1	<i>To confirm the minutes of the meeting of the 6th BOS held on 8th June 2019.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 8 th June 2019 and circulated on 9 th June 2019. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
7.2	<i>To consider the proposal of the MBA Programme Committee for renovating of existing academic curriculum of MBA (Dual Specialization) to keep pace with changing environment and market. This shall be offered from the session 2020-21.</i> The members discussed on the following: 1. Renewing the course Business Communication in order to have a topic “Story Telling for Business Success.” 2. Merging the course Marketing Management. 3. Shifting the course IT Tools for Managers to Semester I to strengthen the students’ base in Semester I. 4. Strengthening the course Business Research Methods by introducing a topic Business Statistics. 5. Introducing the Course Women Entrepreneurship in second semester of the programme. 6. Shifting the course Legal Aspects from fourth semester to second semester. 7. Introducing three most sought specialization areas i.e. Entrepreneurship and Family Business, Social Sector Management, and Business Economics. After above deliberations in detail, the BOS approved the <i>MBA (Dual Specialization)</i> programme structure and syllabus. The approved programme structure and syllabus shall be forwarded to the UGPC.	A
	The meeting ended with a vote of thanks to the Chair	


(Dr BS Rathore)
Secretary, BOS

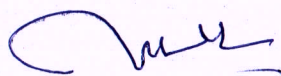

(Prof Anirban Sengupta)
Chairperson, BOS

Minutes of the Meeting of the Board of Studies (BOS) (PhD) held on December 19, 2020 at 02:30 pm in Dean's chamber

Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	5.	Dr Manish Didwania, Member
2.	Dr. Satyendra Sharma, BITS Pilani (External Expert-Academics)	6.	Dr SS Rajpurohit, Member
3.	Dr Swaminathan Mani, VP & Head – Tech Mahindra (External Expert-Industry)	7.	Dr Rajesh Sharma, Member
4.	Dr BS Rathore, Secretary-BOS		

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the meeting of the Board of Studies (BOS) (PhD). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
1.	<i>To consider the suggestion of Chairman of University Ph.D. Cell regarding approval of the Course contents of the course 'Advances in Business Studies' of the Doctoral Programme as the course contents need to be aligned with the requirements of UGC Regulation dated May 5, 2016.</i> The BOS has discussed and deliberated on the course contents and approved contents of the course 'Advance in Business Studies' for the Doctoral programme. Approved course contents shall be forwarded to the Academic Council.	A
	The meeting ended with a vote of thanks to the Chair	



(Dr BS Rathore)
Secretary, BOS



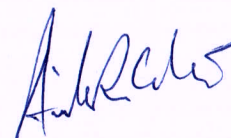
(Prof Anirban Sengupta)
Chairperson, BOS

Minutes of the 8th Meeting of the Board of Studies (BOS) held on Saturday, 10th April, 2021 at 03:00 pm online

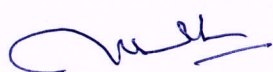
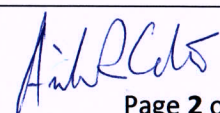
Members Present

1.	Prof Anirban Sengupta (Chairperson, BOS)	5.	Dr SS Rajpurohit, Member
2.	Prof (Dr.) Som Sekhar Bhattacharya, NITIE Mumbai (External Expert-Academics)	6.	Dr Rajesh Sharma, Member
3.	Ms. Ramandeep Kaur, President Corporate Affairs-TRIDENT, External Expert-Industry)	7.	Dr Manish Didwania, Member
4.	Dr BS Rathore, Secretary-BOS		

S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 8 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
8.1	<i>To confirm the minutes of the meeting of the 7th BOS held on 27th June 2020.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 8 th June 2019 and circulated on 9 th June 2019. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
8.2	<i>*To consider the proposal of the PG Programme Committee for introducing the programme MBA (Business Analytics) This could be offered from the session 2021-22</i> The members discussed on the following: - A recent McKinsey report - "the world could face a shortage of 9,40,000 to 11,90,000 people with deep analytical skills as well as 5.5 million managers and analysts with the know-how to use the analysis of big data to make effective decisions." - Scope and Future Trends of Business Analytics in India After above deliberations in detail, the BOS approved the MBA (Business Analytics) programme structure and syllabus that could be offered from the session 2021-22. The approved programme structure and syllabus shall be forwarded to the Academic Council Meeting.	A

8.3	<i>To consider the proposal of the PG Programme Committee for introducing the programme MA (Economics). This could be offered from the session 2021-22.</i> The members discussed on the following: • New developments in the Economics discipline. • Market demand of the programme at both the national and universal levels because of its utility in our day-to-day life. • Ph.D. in economics. After above considerations in detail, the BOS approved the MA (Economics) programme structure and syllabus that could be offered from the session 2021-22. The approved programme structure and syllabus shall be forwarded to the Academic Council Meeting.	B
8.4	<i>To consider the proposal of the Under Graduate Programme Committee for introducing new specializations in the existing academic curriculum of BBA programme in order to widen the scope.</i> The members discussed on the following: • In today's competitive world, career options right after class 12. • Opportunity to specialize in certain areas. • Demand of BBA specializations in India. After above thoughts in detail, the BOS approved the following specialization areas. • Financial Management • Marketing Management • Human Resource Management • Social Impact and Sustainability Management • Sports Management • Media & Communications Management • E-Commerce, Retail and Supply Chain Management • Logistics Management. On all the aforesaid deliberations in detail, the BOS approved the BBA (with Specialization) programme structure and syllabus that could be offered from the session 2021-22. The approved programme structure and syllabus shall be forwarded to the Academic Council Meeting.	C
8.5	<i>To consider the proposal of the Under Graduate programme Committee for introducing the B.Com. (Honors) (Strategic Finance) programme.</i> The members discussed on the following: • Collaboration with WILEY • Changing market trends After above deliberations in detail, the BOS approved the B.Com. (Honors) (Strategic Finance) programme structure and syllabus that could be offered from the session 2021-22. The approved programme structure and syllabus shall be forwarded to the Academic Council Meeting.	D

8.6 To consider the proposal of the Under Graduate Programme Committee for removing the foreign language course from B.Com (Hons.), BBA, Dual Degree (BBA)-(MBA) and BA (Hons.) in Economics programmes and replace with suitable courses as the University has introduced three year certificate programme to the UG programmes.

- It has been observed that the foreign language courses were being offered in second year (Autumn and Spring semester).
- University has introduced three year certificate programme to the UG programmes.

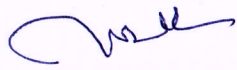
After above deliberations in detail, the BOS approved to remove the foreign language course from both the semesters (Autumn & Spring) of second year of UG programmes and approved following courses as replacement in order to maintain credit requirement of the programmes.

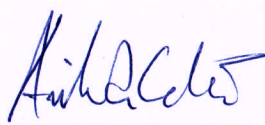
Programme	Language	Replacement
B.Com (Hons.)	Autumn Foreign Language-I	BC 21.281 Design Thinking
	Spring Foreign Language-II	BC 21.272 Business Research
BBA	Autumn Foreign Language-I	BC 21.281 Design Thinking
	Spring Foreign Language-II	BS.21.262 Contemporary Economic Issues
BA (Hons.) in Economics	Autumn Foreign Language-I	BC 21.281 Design Thinking
	Spring Foreign Language-II	BS.21.262 Contemporary Economic Issues
Dual Degree (BBA)-(MBA)	Autumn Foreign Language-I	BC 21.281 Design Thinking
	Spring Foreign Language-II	BS.21.262 Contemporary Economic Issues

It shall be applicable to second year students of the aforesaid programmes.

The approved alterations shall be forwarded to the Academic Council Meeting.

The meeting ended with a vote of thanks to the Chair


(Dr BS Rathore)
Secretary, BOS


(Prof Anirban Sengupta)
Chairperson, BOS

Mody University of Science and Technology, Lakshmangarh

College of Business Management, Economics and Commerce

Minutes of I BOS (PG) Meeting Held on 28/05/2016

Meeting No. 1

Date: 28th May, 2016

Day: Saturday Time: 10:30 AM.

Members Present

Prof Suresh Advani
Prof Sunil Jakhoria
Prof. Jelsy Joseph
Dr. Manish Didwania
Dr. B. S. Rathore
Dr. Satyendra Kr. Sharma (*External Expert, BITS-Pilani*)

Dr. Sushil Kumar Rai
Dr. Rajesh Sharma
Dr. Priyanka Jain
Mr. Sumit Kulshrestha

Leave of Absence

Dr Pradeep Kautish

Agenda No.	Description	Decision
1.01	To consider the proposal of course co-ordinator of the course Business Communication (GM 501) of MBA I year to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-X).	Approved
1.02	To consider the proposal of the Faculty Council Meeting held on May 25, 2016 for resequencing the existing MBA programme structure. New programme structure shall be applicable from the academic year 2016-17. Description of the proposal is attached herewith. (Annexure-XI)	Approved
1.03	To consider the proposal of course co-ordinator of the course Marketing Management II (MK 502) of MBA programme to change the course contents of the course particularly inclusion of MarkStrat. Description of the proposal is attached herewith (Annexure-XII).	Approved
1.04	To consider the proposal of course co-ordinator of the course Principles and Practice of Management (GM 571) of MBA programme to change the existing Text book to the suggested Text book. Description of the proposal is attached herewith (Annexure-XIII).	Approved



(Dr BS Rathore)
Secretary



(Dr Satyandra K Sharma)
External Expert



(Prof Suresh Advani)
Dean

Minutes of the 4th Meeting of the Board of Studies (BOS) held on Monday, 26th June, 2017 at 10:30 AM in the Conference Room, COBMEC

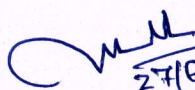
Members Present

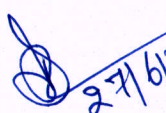
1.	Prof DK Agrawal (Chairperson, BOS)	5.	Dr Pradeep Kautish, Asso. Prof.
2.	Prof M Venu Gopala Rao (Special Invitee)	6.	Dr Manish Didwania, Asso. Prof.
3.	Prof Harsh Dwivedi (Ext. Expert, Academics)	7.	Dr Rajesh Sharma, Asst. Prof.
4.	Dr BS Rathore, Asso. Prof.		

Members granted leave of absence

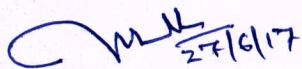
1. Dr Dhiresh Kulshrestha, Asso. Prof.

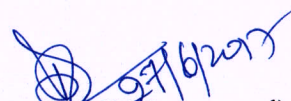
S. N.	Agenda and Minutes	Annexure
	The Chairperson welcomed the members to the 4 th meeting of the Board of Studies (BOS). The Chairperson after ensuring the quorum called the meeting to order and requested the member secretary, to place the agenda item by item.	
4.1	<i>To confirm the minutes of the meeting of the 3rd BOS held on 06th October, 2016.</i> The BOS resolved to confirm the minutes of the meeting of the BOS held on 06 th October, 2016 and circulated on 07 th October, 2016. Since no comments were received from any of the members, the BOS unanimously confirmed and approved the minutes.	
4.2	<i>To consider the recommendation of the Faculty Council Meeting (FCM) held on 22/06/2017 regarding approval of the MBA (Dual Specialization) programme structure and syllabus.</i> External Expert (Academics) suggested that there is a requirement of 1500 class hours for award of MBA degree, as per the UGC norms. Accordingly, 156 class hours of Professional Personality Development Series (Each semester 39 sessions) has been added. Apart from this MBA students will take 60 hours of foundation courses before taking up the core courses. Details of the foundation courses are specified in the structure of the MBA (Dual Specialization) programme. After above discussions in detail, the BOS approved the MBA (Dual Specialization) programme structure and syllabus. Approved programme structure and syllabus will be forwarded to the PGRPC.	A
4.3	<i>To consider the recommendation of the Faculty Council Meeting (FCM) held on 22/06/2017 regarding approval of the MBA (Family Business and Entrepreneurship) programme structure.</i> External Expert (Academics) suggested that there is a requirement of 1500 class hours for award of MBA degree, as per the UGC norms. Accordingly, 156 class hours of	B


27/6/17


27/6/2017

	Professional Personality Development Series (Each semester 39 sessions) has been added. Apart from this MBA students will take 60 hours of foundation courses before taking up the core courses. Details of the foundation courses are specified in the structure of the MBA (Family Business and Entrepreneurship) programme. After above discussions in detail, the BOS approved the MBA (Family Business and Entrepreneurship) programme structure and syllabus. Approved programme structure and syllabus will be forwarded to the PGRPC.	
4.4	<i>To consider the recommendation of the Faculty Council Meeting (FCM) held on 22/06/2017 regarding approval of the Bachelor of Commerce (Honors) [B.Com (H)] programme structure and syllabus.</i> The BOS, after detailed discussion, accepted the recommendation of the FCM and approved the programme structure and syllabus of the Bachelor of Commerce (Honors) [B.Com (H)] with following propositions for incorporation and implementation. • Course 'Indirect Tax Laws: Since India is going to have sea change in Indirect Tax Laws i.e. GST in July 2017, therefore, course description of the course yet to be finalized. Also, the course has been planned to be offered in fourth semester of the programme, hence; BOS asked the member secretary to finalize the syllabus of the course before beginning of the academic year 2018-19. After above discussions, the BOS approved the Bachelor of Commerce (Honors) programme structure and syllabus. Approved programme structure and syllabus will be forwarded to the UGPC.	C
4.5	<i>To consider the recommendation of the Faculty Council Meeting (FCM) held on 22/06/2017 regarding approval of the Course contents of the course 'Research Methodology' of the Doctoral Programme as the course contents have been aligned with the requirements of UGC Regulation dated May 5, 2016.</i> The BOS accepted the recommendations of the FCM and approved the course contents of the course 'Research Methodology' of the Doctoral programme. Approved course contents will be forwarded to the PGRPC.	D
4.6	<i>With permission of the chair, Secretary-BOS requested members of the BOS to consider the recommendation of the FCM dated 07/06/2017 regarding implementation of new elective courses for the MBA 2016-18 batch, including MBA (T).</i> The recommendation of the FCM held on 07/06/2017 about implementation of new elective courses for the MBA 2016-18 batch, including MBA (T), has been accepted and approved by the BOS. Approval of the BOS will be forwarded to the PGRPC.	
The meeting ended with a vote of thanks to the Chair.		


 (Dr BS Rathore)
 Secretary, BOS


 (Prof DK Agrawal)
 Chairperson, BOS

SET BOS

MINUTES

SET BOS

MINUTES

School of Engineering and Technology
Mody University of Science and Technology

Minutes of Board of Studies meeting of Mechanical Engineering Department held on 06 March 2021

In F112 of SET in ABB.

Members Present:

1. Dr. A Senthil, Chairperson- Assist. Dean 
2. Dr. Atul Kumar, HoD ME - Member 
3. Mr. Vikrant Sharma, Assistant Professor – Member 
4. Mr. Mukul Paliwal, Assistant Professor – Member 

Agenda:

1. Value added course syllabus offered by Mechanical Engineering Department
- Value added courses syllabus for B.Tech students of SET is proposed.
The value added courses offered are as follows:
1. Excel for Statistical Analysis and Optimization Techniques for B.Tech Mechanical Engineering students
 2. Solid works and 3D Printing for B.Tech students other than Mechanical Engineering students

Meeting ended with vote of thanks to the chairperson.

Mechanical Engineering Department

Syllabus - Value Added Course

SolidWorks and 3-D Printing

Total 20 Hours

Course Code	Course Name	0-0-2
UNIT-I	SolidWorks Graphical User Interface - Feature manager design tree, Callouts, Handles, Confirmation corner, Command Manager, Hardware and Software requirements, SolidWorks Task Scheduler. Sketch Entities – Inference line, Centerline line, Line, Circle, Arc, Ellipse, Rectangle, Slots, and Polygon. Sketch Tools - Fillet, Chamfer, Offset, Convert entities, Trim, Extend, Split, Construction Geometry, Mirror, Dynamic Mirror, Move, Copy, Rotate, Sketch pattern , Polygon. Add/Remove Entities, Explode Relations - Adding Sketch Relation, Automatic relations.	4
UNIT-II	PART MODELING Part Modeling Tools Creating reference planes Creating Extrude features – Direction1, Direction2, Selecting contours Creating Revolve features – Selecting Axis, Thin features, Selecting contours Creating Swept features-Selecting, Profile and Path, Orientation/twist type, Path Alignment, Guide Curves, Start/End tangency, Thin feature. Creating Reference - points, axis, coordinates. Creating Fillet features Inserting Hole types Session 7 Creating Chamfer Creating Shell Creating Rib Creating Pattern - Linear pattern, Circular pattern, Fill pattern, and mirror.	8
UNIT-III	ASSEMBLY MODELING Assembly Modeling Tools Introduction to Assembly Modeling & Approaches – Top down and Bottom up approach Applying Standard Mates- Coincident, Parallel, Perpendicular, Tangent, Concentric, Lock, Distance, and Angle. Applying Advanced Mates – Symmetric, Width, Path Mate, Linear/Linear Coupler, and Limit Mate. Applying Mechanical Mates – Cam, Hinge, Gear, Rack Pinion, Screw, and Universal Joint. Applying Smart mates Applying Mate reference. Creating Pattern - Assembly Pattern, Mirror Creating Explode Views.	6
UNIT-IV	3D Printing: 3D Modelling of a single component. Assembly of CAD modelled Components, Exercise on CAD Data Exchange. Generation of .stl files.	2

Text Book	
	Prof. Sham Tickoo, “SOLIDWORKS 2021 for Designers, 19th Edition”
	Sandeep Dogra, John Willis “SOLIDWORKS 2019 A Power Guide for Beginners and Intermediate User”

MECHANICAL ENGINEERING DEPARTMENT

SYLLABUS - VALUE ADDED COURSE

Excel for Statistical Analysis and Optimization Techniques

Total Hrs. 20

0-0-2

Unit	Content	Hrs.
1	Basics of Statistics and Excel Excel Essentials for Beginners PIVOT Tables	04
2	Descriptive Statistics The mean, mode, median and range Variance and standard deviation Histogram Scatter Diagram Data Visualization	06
3	Advanced Analysis through Excel Hypothesis Testing One Sample t Test Two Sample t Test Tests for Variance	06
4	Optimization using Excel Introduction to Solver LPP through Solver Transportation model through Solver Assignment model through Solver	04

Outcomes: 1. Students will be able to improve their understanding on Excel

2. Students will be able to understand PIVOT Tables

3. Students will be able to apply descriptive statistics through Excel

4. Students will be able to solve advanced analysis like hypothesis testing through Excel

5. Students will be able to solve optimization problem through Excel

2

NOTICE

Registrations for Value added Course

April 1, 2020

Mechanical Engineering Department of School of Engineering and Technology (SET), Mody University of Science and Technology invites applications for the Value Added Course- **Excel for Statistical Analysis and Optimization Techniques**

Details of course are as follows:

Name of the Course: Excel for Statistical Analysis and Optimization Techniques

Duration: 20 Hours

The registrations for the course are open for all the students of B.Tech Mechanical Engineering.

Interested students are required to submit their name latest by April 06, 2020 till 5:00 p.m.

Details regarding course content are attached herewith.

Dr. Atul Kumar

HoD

Mechanical Engineering Department

NOTICE

Registrations for Value added Course

February 1, 2021

Mechanical Engineering Department of School of Engineering and Technology (SET), Mody University of Science and Technology invites applications for the Value Added Course- **Solid works and 3D Printing.**

Details of course are as follows:

Name of the Course: Excel for Statistical Analysis and Optimization Techniques

Duration: 20 Hours

The registrations for the course are open for all the students of B.Tech Mechanical Engineering.

Interested students are required to submit their name latest by Feb 6, 2021 till 5:00 p.m.

Details regarding course content are attached herewith.

Dr. Atul Kumar

HoD

Mechanical Engineering Department

B.Tech (Mechanical Engineering)
(2019-23)

Highlights

AICTE New Model Compatible
ABET- CAC / EAC – Compatible
Total Credits: 163
Final Year- International Study
Option University Electives
University Core

Compiled By:

Syllabus Review Committee

- Prof. Dr. V. K. Jain, Chairman- BoS (ME)
- Dr. Atul Kumar, HoD/ME
- Dr. Nitin Johri, Asst. Prof/ME
- Mr. Vikrant Sharma, Asst. Prof/ME
- Mr. Mukul Paliwal, Asst. Prof/ME
- Dr. Sanjeev Jakhar, Asst. Prof/ME

Contents

Item	Page No
B.Tech ME – Curriculum Structure	1
B.Tech ME – First Year	6
B.Tech ME – Second Year	26
B.Tech ME – Third Year	49
B.Tech ME – Fourth Year	76
University Electives	96

B.Tech (Mechanical Engineering)
Four Year Program
Academic Curriculum (2019-23 Batch Onwards)

Curriculum Components

Component	Credits
1. University Core (4 Courses)	08
2. University Elective (2 Courses)	06
3. Basic Science (10 Courses)	31
4. Engineering Science (10 Courses)	25
5. Program Core (29 Courses)	62
6. Program Elective / MOOC-1 & MOOC-2 (5 Courses)	15
7. Project / Summer Internship Project (6 Courses)	16
8. Proficiency (Non Credit / Non Graded)*	-
Total	163

Academic Curriculum (2019-23)
First Year (Mechanical Engineering)

Autumn Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
	UC 19.101	Social and Professional Ethics	2	0	0	2	3	10	40		50
	MUE1	Mody University Elective	3	0	0	3	3	10	40		50
	MA 19.101	Mathematics I	3	1	0	4	3	10	40		50
	CY 19.101	Engineering Chemistry	3	0	0	3	3	10	40		50
	ME 19.101	Applied Mechanics	3	1	0	4	3	10	40		50
	EC 19.101	Basic of Electronics Engineering	3	1	0	4	3	10	40		50
	ME 19.111	Computer Aided Engineering Drawing	0	0	4	2	2	20	40		40
	CY 19.111	Chemistry Lab	0	0	2	1	2	20	20	20	40
EC 19.111	Electronics Lab	0	0	2	1	2	20	20	20	40	
		Sub Total	17	3	10	24					
		Proficiency (Non Credit)	-	-	-	1	-	100			

Spring Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
	UC 19.102	Communication Skills	2	0	0	2	3	10	40		50
	CY 19.102	Environmental Studies	3	1	0	4	3	10	40		50
	MA 19.102	Mathematics II	3	1	0	4	3	10	40		50
	PY 19.101	Engineering Physics	3	0	0	3	3	10	40		50
	EE19.101	Elements of Electrical Engineering	3	1	0	4	3	10	40		50
	CS 19.101	Programming Language	3	1	0	4	3	10	40		50
	CS 19.151	Programming Language Laboratory	0	0	2	1	2	20	20	20	40
	PY 19.111	Physics Lab	0	0	2	1	2	20	20	20	40
EE 19.111	Electrical Lab	0	0	2	1	2	20	20	20	40	
ME 19.112	Mechanical Workshop	0	0	2	1	2	20	20	20	40	
		Sub Total	17	3	8	25					
		Proficiency (Non Credit)	-	-	-	1	-	100			

Academic Curriculum (2019-23)
Second Year (Mechanical Engineering)

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
Autumn Semester	UC 19.201	Introduction to Management and Leadership	2	0	0	2	3	10	40		50
	MUE 2	Mody University Elective	3	0	0	3	3	10	40		50
	MA 19.201	Applied Mathematics	3	1	0	4	3	10	40		50
	ME 19.201	Mechanics of Solids	3	0	0	3	3	10	40		50
	ME 19.203	Engineering Thermodynamics	3	0	0	3	3	10	40		50
	ME 19.205	Material Science	3	0	0	3	3	10	40		50
	ME 19.215	Mechanics of Solids Laboratory	0	0	2	1	2	20	20	20	40
	ME 19.217	Thermodynamics Laboratory	0	0	2	1	2	20	20	20	40
	ME 19.219	Computer Aided Machine Drawing	0	0	2	1	2	20	40		40
		Sub Total	17	1	6	21					
		Proficiency (Non Credit)	-	-	-	1	-				100

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
Spring Semester	UC 19.202	Business Environment	2	0	0	2	3	10	40		50
	MA 19.204	Optimization Techniques	3	1	0	4	3	10	40		50
	ME 19.202	Kinematics of Machines	3	0	0	3	3	10	40		50
	ME 19.204	Fluid Mechanics	3	0	0	3	3	10	40		50
	ME 19.206	Design of Machine Elements I	3	0	0	3	3	10	40		50
	ME 19.208	Production Technology I	3	0	0	3	3	10	40		50
	ME 19.216	Fluid Mechanics Lab	0	0	2	1	2	20	20	20	40
	ME 19.218	Design of Machine Elements Practice I	0	0	2	1	2	20	20	20	40
	ME 19.220	Production Laboratory I	0	0	2	1	2	20	20	20	40
		Sub Total	17	1	6	21					
		Proficiency (Non Credit)	-	-	-	1	-				100

Academic Curriculum (2019-23)
Third Year (Mechanical Engineering)

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
Autumn Semester	ME 19.301	Dynamics of Machines	3	0	0	3	3	10	40	50
	ME 19.303	Fluid Machinery	3	0	0	3	3	10	40	50
	ME 19.305	Heat and Mass Transfer	3	0	0	3	3	10	40	50
	ME 19.307	Production Technology II	3	0	0	3	3	10	40	50
	ME 19.309	Thermal Engineering System	3	0	0	3	3	10	40	50
	ME 19.311	CAD/CAM	3	0	0	3	3	10	40	50
	ME 19.315	Production Laboratory II	0	0	2	1	2	20	40	40
	ME 19.317	Fluid Machinery Lab	0	0	2	1	2	20	40	40
	ME 19.319	Project I	0	0	4	2	-	-	50	50
	ME 19.321	Summer Internship Project I	0	0	0	2	-	-	100	
		Sub Total	18	0	8	24				
		Proficiency (Non Credit)	-	-	-	1	-	-	100	

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
Spring Semester	ME 19.302	I C Engines	3	0	0	3	3	10	40	50
	ME 19.304	Refrigeration and Air Conditioning	3	0	0	3	3	10	40	50
	ME 19.306	Metrology and Quality Control	3	0	0	3	3	10	40	50
	RM 19.101	Research Methodology	3	0	0	3	3	10	40	50
	ME 19.308	Design of Machine Elements II	3	0	0	3	3	10	40	50
	ME 19.310	Renewable Energy Technology	3	0	0	3	3	10	40	50
	ME 19.316	IC Engine Laboratory	0	0	2	1	2	20	40	40
	ME 19.318	Design of Machine Elements Practice II	0	0	2	1	2	20	40	40
	ME 19.320	Metrology and Quality Control Laboratory	0	0	2	1	2	20	40	40
	ME 19.322	Project 2	0	0	4	2	-	-	50	50
		Sub Total	18	0	10	23				
		Proficiency (Non Credit)	-	-	-	1	-	-	100	

*Proficiency (Non-Credit/Non-Grade) shall be measured through level of participation in skill development programs i.e., sports, Yoga, Life skills, Music, Fine Arts which are being conducted at University Level

** Project Based Learning in Group of 3-5 Students

Academic Curriculum (2019-23)
Fourth Year (Mechanical Engineering)

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
Autumn Semester		Program Elective I	3	0	0	3	3	10	40	50
		Program Elective II	3	0	0	3	3	10	40	50
		Program Elective III	3	0	0	3	3	10	40	50
	ME 19.421	Capstone Project I	0	0	4	2	-		50	50
	ME 19.423	Summer Internship Project 2	0	0	0	2	-		100	
		Sub Total	9	0	4	13				
		Proficiency (Non Credit)	-	-	-	1	-		100	

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
Spring Semester		Program Elective IV	3	0	0	3	3	10	40	50
		Program Elective V	3	0	0	3	3	10	40	50
	ME 19.422	Capstone Project II	0	0	4	6	-	-	50	50
		Sub Total	6	0	4	12				

Credit Distribution across all Components								
Semester	UC	UE	BS	ES	PC	PE	Proj/SIP	Total
First	2	3	8	11	0	0	0	24
Second	2	0	12	11	0	0	0	25
Third	2	3	7	0	9	0	0	21
Fourth	2	0	4	0	15	0	0	21
Fifth	0	0	0	0	20	0	4	24
Sixth	0	0	0	3	18	0	2	23
Seventh	0	0	0	0	0	9	4	13
Eighth	0	0	0	0	0	6	6	12
Total	8	6	31	25	62	15	16	163

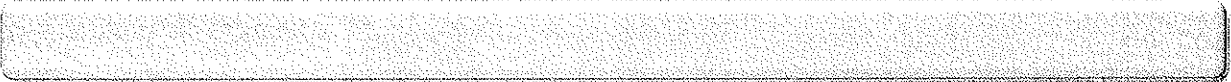
UC	University Core
UE	University Elective
BS	Basic Science
ES	Engineering Science
PC	Program Core
PE	Program Elective / MOOC
Proj/SIP	Project/Summer Internship

List of Program Elective Options

Code	PROGRAM ELECTIVE
PROGRAM ELECTIVE-I	
ME 19.401	Automobile Engineering
ME 19.403	Composite Material
ME 19.405	Robotics Engineering
PROGRAM ELECTIVE-II	
ME 19.407	Vibration Engineering
ME 19.409	Maintenance Engineering
ME 19.411	Turbomachinery
PROGRAM ELECTIVE-III	
ME 19.413	Work System Design
ME 19.415	Mechatronics
ME 19.417	Gas Turbine and Jet Propulsion
PROGRAM ELECTIVE-IV	
ME 19.402	Manufacturing Management
ME 19.404	Finite Element Method
ME 19.406	Machine Tool Design
PROGRAM ELECTIVE-V	
ME 19.408	Product Design Development
ME 19.410	Advance metal casting and welding
ME 19.412	Tribology in Design

M. Tech (Industrial Engineering)
(2021-23)

Proposed Curriculum for 2021-23 batch onwards



M. Tech. in Industrial Engineering
Two-Year Programme
Academic Curriculum (2021 – 2023 onwards)
First Year- First Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW	MTE	ETE
Autumn Semester		Organizational Behavior	3	0	0	3	3	10	40	50
		Economics and Financial Analysis	4	0	0	4	3	10	40	50
		Work System Design	4	0	0	4	3	10	40	50
		Optimization Techniques	4	0	0	4	3	10	40	50
		Quality Engineering and Management	4	0	0	4	3	10	40	50
		Optimization Techniques Lab	0	0	2	1	2	20	40	40
		Statistical Quality Control Laboratory	0	0	2	1	2	20	40	40
		Sub Total	19	0	4	21				

- The students will be encouraged to enroll in Foreign Language classes in the first year of M. Tech. Program.

M. Tech. in Industrial Engineering
Two-Year Programme
Academic Curriculum (2021 – 2023 onwards)
First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW	MTE	ETE
Spring Semester		Operation Management	4	0	0	4	3	10	40	50
		Human Resource Management Systems	3	0	0	3	3	10	40	50
		Statistics for Data Analysts	3	1	0	4	3	10	40	50
		Research Methodology	3	0	0	3	3	10	40	50
		Product Design	3	0	0	3	3	10	40	50
		Supply Chain Management	4	0	0	4	3	10	40	50
		Data Analysis Laboratory	0	0	2	1	2	20	40	40
		Sub Total	20	1	2	22				

^ The students may choose to do a summer project/ training, however it is optional.
The student doing a summer project will be given a certificate.

M. Tech. in Industrial Engineering
Two-Year Programme
Academic Curriculum (2021 – 2023 onwards)
Second Year- Third Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW	MTE	ETE
Autumn Semester		Modelling and Simulation	4	0	0	4	3	10	40	50
		Elective	4/3	0	0/2	4	3	10	40	50
		Modelling and Simulation Lab	0	0	2	1	3	10	40	50
		Seminar	0	0	0	2		100		
		Preliminary Dissertation	0	0	0	10		100		
		Sub Total	8	0	2	21				

Second Year- Fourth Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW	MTE	ETE
Spring Semester		Final Dissertation	0	0	0	24	-	100		

Total credits: 21+22+21+24=88

List of Elective Courses	
1.	Additive Manufacturing and 3-D Printing (3-0-2-4)
2.	Lean and Sustainable Manufacturing (4-0-0-4)
3.	Flexible Manufacturing System (4-0-0-4)
4.	Enterprise Resource Planning (4-0-0-4)
5.	Value Engineering (4-0-0-4)

5

B.Tech (Mechanical Engineering)
(2021-25)

Proposed Curriculum
for
2021-25 batch onwards

-
1. **B.Tech in Mechanical Engineering** with Specialization in Artificial Intelligence and Machine Learning [AI & ML]
-
2. **B.Tech in Mechanical Engineering** with Specialization in Industrial Internet of Things [IIoT]
-

B.Tech (Mechanical Engineering)
Four Year Program
Academic Curriculum (2021-25 Batch Onwards)

First Year (Mechanical Engineering) with Specialization AIML/IIoT

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
Autumn Semester	UC 19.101	Social and Professional Ethics	2	0	0	2	3	10	40		50
	MUEI	Mody University Elective	3	0	0	3	3	10	40		50
	MA 19.101	Mathematics I	3	1	0	4	3	10	40		50
	CY 19.101	Engineering Chemistry	3	0	0	3	3	10	40		50
	ME 19.101	Applied Mechanics	3	1	0	4	3	10	40		50
	EC 19.101	Basic of Electronics Engineering	3	1	0	4	3	10	40		50
	ME 19.111	Computer Aided Engineering Drawing	0	0	4	2	2	20	40		40
	CY 19.111	Chemistry Lab	0	0	2	1	2	20	20	20	40
	EC 19.111	Electronics Lab	0	0	2	1	2	20	20	20	40
		Sub Total	17	3	10	24					
		Proficiency (Non Credit)	-	-	-	1	-	100			
Spring Semester	UC 19.102	Communication Skills	2	0	0	2	3	10	40		50
	CY 19.102	Environmental Studies	3	1	0	4	3	10	40		50
	MA 19.102	Mathematics II	3	1	0	4	3	10	40		50
	PY 19.101	Engineering Physics	3	0	0	3	3	10	40		50
	EE19.101	Elements of Electrical Engineering	3	1	0	4	3	10	40		50
	CS 19.101	Programming Language	3	1	0	4	3	10	40		50
	CS 19.151	Programming Language Laboratory	0	0	2	1	2	20	20	20	40
	PY 19.111	Physics Lab	0	0	2	1	2	20	20	20	40
	EE 19.111	Electrical Lab	0	0	2	1	2	20	20	20	40
	ME 19.112	Mechanical Workshop	0	0	2	1	2	20	20	20	40
		Sub Total	17	3	8	25					
		Proficiency (Non Credit)	-	-	-	1	-	100			

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
Autumn Semester	MUE 2	Mody University Elective	3	0	0	3	3	10	40		50
	MA 19.201	Mathematics III	3	1	0	4	3	10	40		50
	ME 19.201	Mechanics of Solids	3	0	0	3	3	10	40		50
	ME 19.203	Engineering Thermodynamics	3	0	0	3	3	10	40		50
	ME 19.205	Material Science	3	0	0	3	3	10	40		50
	CS 19.203	Data Structure	3	0	0	3	3	10	40		50
	ME 19.215	Mechanics of Solids Laboratory	0	0	2	1	2	20	20	20	40
	ME 19.217	Thermodynamics Laboratory	0	0	2	1	2	20	20	20	40
	ME 19.219	Computer Aided Machine Drawing	0	0	2	1	2	20	40		40
	CS 19.253	Data Structure Laboratory	0	0	2	1	2	20	40		40
		Sub Total	18	1	8	23					
		Proficiency (Non Credit)	-	-	-	1	-	100			

	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %			
			L	T	P			CW	MTE	PBL	ETE
Spring Semester	MA 19.204	Optimization Techniques	3	1	0	4	3	10	40		50
	ME 19.202	Kinematics of Machines	3	0	0	3	3	10	40		50
	ME 19.204	Fluid Mechanics	3	1	0	4	3	10	40		50
	ME 19.206	Design of Machine Elements I	4	0	0	4	3	10	40		50
	ME 19.208	Production Technology I	3	0	0	3	3	10	40		50
	ME 19.216	Fluid Mechanics Lab	0	0	2	1	2	20	20	20	40
	ME 19.218	Design of Machine Elements Practice I	0	0	2	1	2	20	20	20	40
	ME 19.220	Production Laboratory I	0	0	2	1	2	20	20	20	40
		Sub Total	16	2	6	21²⁴					
		Proficiency (Non Credit)	-	-	-	1	-	100			

CS 19.206 Computer Networks 3 0 0 3 3 10 40 - 50

Autumn Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
	ME 19.301	Dynamics of Machines	3	0	0	3	3	10	40	50
	ME 19.303	Fluid Machinery	3	0	0	3	3	10	40	50
	ME 19.305	Heat and Mass Transfer	3	0	0	3	3	10	40	50
	ME 19.307	Production Technology II	3	0	0	3	3	10	40	50
	ME 19.309	Thermal Engineering System	3	0	0	3	3	10	40	50
	CS 19.303	Operating System	3	0	0	3	3	10	40	50
	ME 19.315	Production Laboratory II	0	0	2	1	2	20	40	40
	ME 19.317	Fluid Machinery Lab	0	0	2	1	2	20	40	40
ME 19.319	Project I	0	0	4	2	-	-	50	50	
ME 19.321	Summer Internship Project I	0	0	0	2	-	100			
	Sub Total	18	0	8	24					
	Proficiency (Non Credit)	-	-	-	1	-	100			

Spring Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
	ME 19.302	I C Engines	3	0	0	3	3	10	40	50
	ME 19.304	Refrigeration and Air Conditioning	3	0	0	3	3	10	40	50
	ME 19.306	Metrology and Quality Control	3	0	0	3	3	10	40	50
	ME 19.310	Work System Design	3	0	0	3	3	10	40	50
	ME 19.308	Design of Machine Elements II	3	0	0	3	3	10	40	50
	CS 19.306	Computer Networks	3	0	0	3	3	10	40	50
	ME 19.316	IC Engine Laboratory	0	0	2	1	2	20	40	40
	ME 19.318	Design of Machine Elements Practice II	0	0	2	1	2	20	40	40
ME 19.320	Metrology and Quality Control Laboratory	0	0	2	1	2	20	40	40	
ME 19.322	Project 2	0	0	4	2	-		50	50	
		Sub Total	18	0	10	23				
		Proficiency (Non Credit)	-	-	-	1	-	100		

*Proficiency (Non-Credit/Non-Grade) shall be measured through level of participation in skill development programs i.e., sports, Yoga, Life skills, Music, Fine Arts which are being conducted at University Level

** Project Based Learning in Group

Academic Curriculum (2021-25)

Fourth Year (Mechanical Engineering) with Specialization AIML/IIoT

Autumn Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
		Program Specialization-I	3	0	0	3	3	10	40	50
		Program Specialization-II	3	0	0	3	3	10	40	50
		Program Specialization-III	3	0	0	3	3	10	40	50
		Program Specialization-IV	3	0	0	3	3	10	40	50
		Data Processing Laboratory	0	0	2	1	2	20	40	40
	ME 19.421	Capstone Project 1	0	0	0	2	-		50	50
	ME 19.423	Summer Internship Project 2	0	0	0	2	-	100		
		Sub Total	12	0	2	17				
	Proficiency (Non Credit)	-	-	-	1	-	100			

Spring Semester	Course Code	Course Title	Contact Hours per week			Credits	ETE Duration Hours	Weightage %		
			L	T	P			CW	MTE	ETE
		Program Specialization-V	4	0	0	4	3	10	40	50
		Program Specialization-VI	4	0	0	4	3	10	40	50
		Program Specialization-VII	3	0	0	3	3	10	40	50
	ME 19.422	Capstone Project II	0	0	0	6	-	-	50	50
		Sub Total	9	0	0	17				

List of Program Specialization

Track 1: Artificial Intelligence and Machine Learning [AI & ML]

Program Specialization-I	
	Artificial Intelligence
Program Specialization-II	
	Digital Image Processing
Program Specialization-III	
	Data Processing and Analytics
Program Specialization-IV	
	Foundations of IoT
Program Specialization-V	
	Computer Vision
Program Specialization-VI	
	Soft Computing
Program Specialization-VII	
	Machine Learning with Python

Track 2: Internet of Things [IoT]

Program Specialization-I	
	Embedded Systems and Architecture Programming
Program Specialization-II	
	Sensors and Networking
Program Specialization-III	
	Data Processing and Analytics
Program Specialization-IV	
	Foundations of IoT
Program Specialization-V	
	Industrial IoT and Security
Program Specialization-VI	
	Information Security
Program Specialization-VII	
	Software Programming in IoT

**SCHOOL OF ENGINEERING & TECHNOLOGY**

Lakshmangarh (Sikar), Rajasthan - 332311, India

Ph. No. (01573) 225001-12 . Fax: (01573) 225042

email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

**Academic Planning Committee (APC) Meeting
Agenda**

Date: 20/ 03/ 2021

A meeting of Academic Planning Committee (UG) of the Department of Mechanical Engineering, SET, Mody University of Science and Technology will be held on 24/03/2021 (Wednesday) at 3.00 PM in Room No 112 of ABB Building to consider and approve the following agenda items.

1. New course curriculum for B.Tech in Mechanical Engineering with two specializations
2. New course curriculum for M.Tech in Industrial Engineering

(Member Secretary)

Vikrant Sharma

Academic Planning Committee (APC) Meeting

Date: 25/ 03/ 2021

A meeting of the **Academic Planning Committee (APC) of the Department of Mechanical Engineering** was held on 24/ 03/ 2021 at 3.00 PM in Room No 112 of ABB Building. The following members were present.

1. Dr. Atul Kumar 
2. Mr. Vikrant Sharma 
3. Mr. Mukul Paliwal 

Minutes of meeting

1. New course curriculum for B.Tech in Mechanical Engineering with two specializations were proposed
2. New course curriculum for M.Tech in Industrial Engineering were proposed

The curriculum and syllabi of the proposed course have been approved by the members of the committee.

The committee forwarded the matter to the next meeting of BOS.

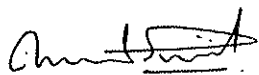

(Member Secretary)
Vikrant sharma

**Academic Planning Committee (APC) Meeting
Agenda**

Date: 05/ 05/ 2014

A meeting of Academic Planning Committee (UG) of the Department of Mechanical Engineering, CET, Mody University of Science and Technology will be held on 07/05/2014 (Wednesday) at 3.00 PM in the CAD Lab ABB Building to consider and approve the following agenda items.

1. Revision of curriculum structure and syllabi of four year B. Tech degree programme in Mechanical Engineering.



Member Secretary
Vikrant Sharma

Academic Planning Committee (APC) Meeting

Date: 08/ 05/ 2014

A meeting of the **Academic Planning Committee (APC) of the Department of Mechanical Engineering** was held on 07/ 05/ 2014 at 3.00 PM in CAD Lab of ABB Building. The following members were present.

1. Mr. N S Baruaole



2. Mr. Atul Kumar



3. Mr. Vikrant Sharma



Minutes of meeting

1. Proposed new course curriculum for B.Tech in Mechanical Engineering (2014 onwards) as per the guidelines of AICTE.

The curriculum and syllabi of the proposed course have been approved by the members of the committee.

The committee forwarded the matter to the next meeting of BOS.



Member Secretary

Academic Planning Committee (APC) Meeting

Date: 22/ 10/ 2018

A meeting of the **Academic Planning Committee (APC) of the Department of Mechanical Engineering** was held on 20/ 10/ 2018 at 3.00 PM in CAD Lab of ABB Building. The following members were present.

1. Mr. Nitin Johri



2. Mr. Atul Kumar



3. Mr. Vikrant Sharma



Minutes of meeting

1. Proposed new course curriculum for B.Tech in Mechanical Engineering (2019-2023) as per the guidelines of AICTE, ABET/IET

The curriculum and syllabi of the proposed course have been approved by the members of the committee.

The committee forwarded the matter to the next meeting of BOS.



(Member Secretary)

(Vikrant Sharma)

**Academic Planning Committee (APC) Meeting
Agenda**

Date: 19/ 10/ 2018

A meeting of Academic Planning Committee (UG) of the Department of Mechanical Engineering, SET, Mody University of Science and Technology will be held on 20/10/2018 (Saturday) at 3.00 PM in CAD Lab of ABB Building to consider and approve the following agenda items.

1. New course curriculum for B.Tech in Mechanical Engineering (2019-2023) as per the guidelines of AICTE, ABET/IET


(Member Secretary)
(Vikrant Sharma)

**MODY**

LAKSHMANGARH - RAJASTHAN
A Leading Women's University

School of Engineering and Technology (SET)

Lakshmangarh (Sikar), Rajasthan 332 311, India
Ph. No.: (1573) 225001-12 • Fax: (01573) 225042

email: dean.set@modyuniversity.ac.in • www.modyuniversity.ac.in

Date: 27.10.2018

Minutes of meeting of the **Board of Studies (B.O.S)** of Mechanical Engineering Department, SET, Mody University of Science and Technology held on 27.10.2018 at 10.00 AM in the conference room of AB Building.

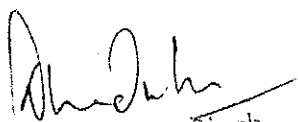
Members Present:

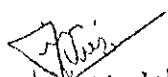
1. Dr. V.K. Jain, Chairman
2. Dr. Dheerendra Singh, BITS, Pilani, (Academic Expert), External Member
3. Mr. Nitin Johri, Member
4. Mr. Vikrant Sharma, Member Secretary
5. Mr. Atul Kumar, Member

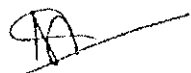
The following points were discussed and approved:

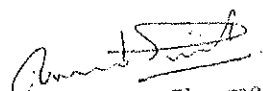
1. The members of BOS noted and approved the course structure of First – Fourth Year (2019-2023) of the Four Year B. Tech. program in Mechanical Engineering as per the guidelines of AICTE, ABET/IET/Mody University Model.

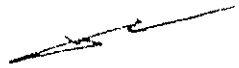
Meeting ended with the vote of thanks to the Chair.


Dr. Dheerendra Singh
Academic Expert. (External
Member - BOS)


Mr. Nitin Johri
(Member - BOS)


Mr. Atul Kumar
(Member - BOS)


Mr. Vikrant Sharma
(Member Secretary - BOS)


Dr. V.K. Jain
(Chairman - BOS)



MODY

WOMEN'S UNIVERSITY

A Leading Women's University

School of Engineering and Technology (SET)

Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No.: (1573) 225001-12 • Fax: (01573) 225042

email: dean.set@modyuniversity.ac.in • www.modyuniversity.ac.in

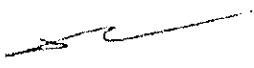
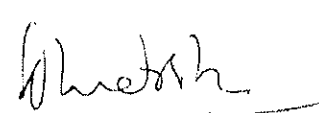
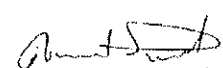
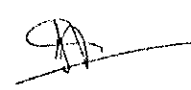
Department of Mechanical Engineering

Attendance Sheet

A meeting of Board of Studies (B.O.S) of Mechanical Engineering Department, SET, Mody University of Science and Technology, held on 27.10.2018 at 10.00 AM in the conference room of AB Building to discuss and finalize the following item.

1. To finalize and approve the course structure of **First – Fourth Year (2019-2023)** of the Four Year B. Tech. program in **Mechanical Engineering** as per the guidelines of AICTE, ABET/IET/Mody University Model.

Members Present:

1. Dr. V.K. Jain, Chairman 
2. Dr. Dheerendra Singh, BITS, Pilani, (Academic Expert), External Member 
3. Mr. Nitin Johri, Member 
4. Mr. Vikrant Sharma, Member Secretary 
5. Mr. Atul Kumar, Member 

Minutes of Board of Studies meeting of Mechanical Engineering Department held on 4th October 2016 at 4.45 PM in conference room of CET in ABB building

Members Present:

1. Dr. V. K.Jain, Chairperson- Dean, CET 
2. Mr. N. S. Baruaole, HOD- ME 
3. Mr. Vikrant Sharma 
4. Mr. Atul Kumar 

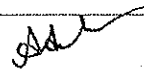
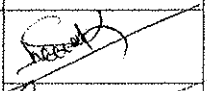
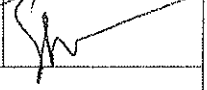
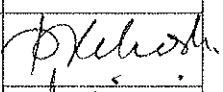
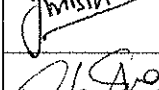
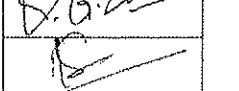
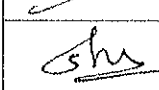
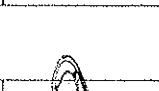
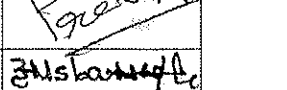
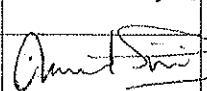
Agenda:

1. Revision of curriculum structure and syllabi of four year B. Tech degree programme in Mechanical Engineering as per new guideline issued.
 2. New course curriculum and syllabi for B.Tech. in Mechanical Engineering with three different specializations.
 3. Syllabus of PhD course work
- Course curriculum of 4th year, B. Tech. in Mechanical Engineering for the students enrolled in year 2014-15 was finalized. The following changes were made:
1. Vibration Engineering (ME 431) and ME 404 are shifted to elective course.
 2. The content of three subjects namely ME 405, ME 409 and ME 406 are merged and two new subjects namely ME 14.405 and ME 14.407 are introduced.
 3. CNC and IEOR lab are removed from the curriculum.
 4. A new subject namely CAD/CAM (ME14.402) is introduced in 4th year spring semester.
 5. The first year, second year and third year syllabi is already approved. 
- ↑
- ✓
- Course curriculum of 3rd year, B. Tech. in Mechanical Engineering for the students enrolled in session 2015-16 was finalized.
1. In the 3rd year; autumn semester syllabi, Mody University Elective subject is introduced and subject "ME 14.309 - Total Quality Management" is removed.
 2. The rest of the curriculum and syllabi of autumn and spring semester of 3rd year B. Tech. (Mechanical Engineering) remains the same as approved earlier.
 3. The syllabi of 4th year are same as that proposed for the 4th year, B. Tech. in Mechanical Engineering students enrolled in the session 2014-15.
 4. The first year and second year curriculum and syllabi is same as that followed by the students of B. Tech. (Mechanical Engineering) enrolled in session 2014-15.

12.05.2014

Board of Studies Meeting

Board of Studies meeting of ECE, EE, CSE, IT & ME were held in FET conference room the month of April-May 2014 as given below:

BOS	Date	Venue	Members Present	Chairperson	Signature
			Prof. J. V. Desai	Chairperson	
CSE	28.04.2014 Forenoon	FET Conference Room			
			Ms. Aditi Kajala	Co-Chairperson	
			Mr. Shamik Tiwari		
			Mr. S. S. Verma		
ECE/EE	28.04.2014 Afternoon	FET Conference Room			
			Prof. M. K. Jha	Co-Chairperson	
			Prof. P. K. Ghosh		
			Prof. P. P. Bhattacharya		
			Mr. Yogesh Mishra		
			Dr. K. G. Sharma		
			Dr. Kapil Gupta		
			Mr. S. K. Jha		
IT	10.05.2014 Afternoon	FET Conference Room			
			Prof. S. K. Lenka	Co-Chairperson	
			Mr. P. K. Bishnoi		
ME	10.05.2014 Afternoon	FET Conference Room	Mr. N. S. Baruaole	Co-Chairperson	
			Mr. Vikrant Sharma		
			Mr. Atul Kumar		

Minutes of the meeting:

1. BOS meeting of various departments were an outcome of meeting of Head of Departments and Dean-FET under chairmanship of Honorable President on 25th March 2014, wherein President pressed the need to improve and revise all Engineering Courses as per current requirements of the department.
2. President also observed that currently the number of credits under each course is high leaving little scope for developing creativity, leadership, managerial and other skills that are essential for overall development of students.
3. President and Dean-FET directed Prof. M. K. Jha to co-ordinate BOS meeting of all departments and initiate the process of syllabus revision.
4. BOS members of all the department felt the pressing need to revise the present B. Tech. and Integrated courses and make it more useful for students.
5. There was unanimous agreement that presently the numbers of credits under various courses are high due to a number of redundant subjects in all years and there is a vast scope of improvement maintaining AICTE guidelines.
6. It was also observed that process should begin with revision of First Year Course Structure and Syllabi effective from Session 2014-15.
7. BOS members of different departments felt the need to have common First Year Course Structure to facilitate easy branch change in second year and also formulate the first year in such a way that students migrating to our University from other place and vice-versa may do so with very little obstructions.
8. The BOS members of different departments came up with a First Year Structure whereby it became possible to reduce credits from existing scheme and revise syllabi to make it more useful for students.
9. The BOS members suggested introduction of new way of mentioning course code as:

Branch Code	Year of Syllabus	Subject Code
-------------	------------------	--------------

For example:

EC	14	101
----	----	-----

EC: ECE (Branch Code)

14: Syllabus from 2014-15 Session onwards

101: Subject Code

10. The BOS members thereafter submitted a unanimous First Year Course Structure that may be made effective from Session 2014-15.

Submissions:

1. First Year Course Structure
2. Syllabus of different subjects

The Course Structure and Syllabi may be put up in UGPC/PGRPC meeting.

10
Mody University, Lakshmanagarh

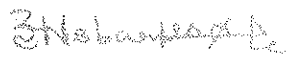
College of Engineering and Technology

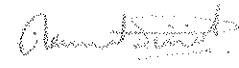
Minutes of Board of studies meeting of Mechanical Engineering Department held on April 23, 2016
at 9.30 AM in conference room of CET in ABB building

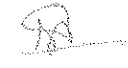
Agenda: Revision of curriculum structure and syllabi of four year B. Tech degree programme in
Mechanical Engineering.

Members Present:

1. Prof. J. V. Desai, Dean and Chairperson 

2. Mr. N. S. Baruaole, Incharge Head & Co- chairperson 

3. Mr. Vikrant Sharma 

4. Mr. Atul Kumar 

The meeting was addressed by the chairman of BOS with a discussion on design of curriculum
structure of four year B. Tech degree programme in Mechanical Engineering.

Recommendation

1. The curriculum structure and syllabi of four year B. Tech degree programme in Mechanical Engineering was discussed and second year curriculum was revised by adding university elective.
2. New curriculum structure along with syllabi for third year B. Tech Mechanical Engineering was proposed.

The meeting ended with a vote of thanks to the chair

F 502

Minutes of the meeting of Board of Studies of Mechanical Engineering Department held on 12.09.2012 (Saturday) at 11.45 AM in the conference room of New FET

Members Present:

- | | |
|---------------------------|-----------------------------------|
| 1. Dean FET | Chairperson |
| 2. Dr. A.K. Chattopadhyay | Co-Chairperson <i>[Signature]</i> |
| 3. Dr. N.K. Joshi | Member <i>[Signature]</i> |
| 4. Dr. K.K.Khatri | Member <i>[Signature]</i> |
| 5. Mr. N.S. Baruaole | Member <i>[Signature]</i> |
| 6. Mr. Vikrant Sharma | Member <i>[Signature]</i> |

In the meeting the following resolutions were taken.

1. Resolved that the course codes of five subjects are to be changed for the batch of 2011-12 as the credits of those subjects have been changed by one point each to keep parity with the total credits of other departments as per the new syllabi. The current course codes along with new course codes, the names of subjects, L-T-P hours and credits points are clearly depicted in a tabular form annexed hereto.
2. Resolved that budget proposal including the items to be purchased for the new measurement laboratory to be set up for the next semester (2012-13 spring semester) should be immediately sent to the dean for his perusal and necessary action. It is further resolved that for control part the department should seek the cooperation of EEE department for use of their already established control lab so that duplication of laboratory will not take place.
3. Resolved that CNC laboratory will be set up in the Fluid Mechanics and Fluid Machinery laboratory for saving space and the proposed budget for that along with the specific machines to be purchased may be forwarded to the dean at an early date. This laboratory is scheduled in autumn semester 2013-14.
4. Resolved that the budget proposal for CAD/CAM laboratory mentioning the software and the cost should also be submitted to the dean for his action priority wise. It was mentioned that this laboratory will be used in 8th semester (2013-14 spring semester). This laboratory will also be shared by Nuclear Science & Technology M.Tech students.
5. Dr. K.K.Khatri, Associate Professor asked for funds for initiation of research in I.C. engine laboratory. The Dean advised him to write some proposal to funding agencies for the required fund. It was pointed out by Dr. Khatri that funding agencies always consider the cases of

BoS file
AW

those who have initial research set up. The Dean asked him to send the budget proposal for R & D which may be considered for onward transmission to the appropriate authority for approval.

6. The Dean asked Prof. N.K. Joshi regarding the quotations for nuclear laboratory to which professor Joshi replied that he would send the quotations shortly. On the question of three quotations to be procured professor Joshi said that he had two quotations in hand, one from Australia and the other from public sector undertaking and third quotations could not be gathered because no other firm manufactures the required items.

There being no other item to discuss the meeting ended with thanks to the chair.

Forwarded to the Registrar

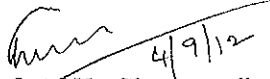
Amr
6.11.12
for Dean FET

Following are the changes in course code, contact hours per week and credits.

Sr. No.	Old Course Code	New Course Code	Course Name	Old Contact Hours per week			New Contact Hours per week			New credits
				L	T	P	L	T	P	
01	ME 307 (III Year)	ME 317 (III Year)	I C Engines	3	0	0	3	1	0	4
02	ME 309 (III Year)	ME 319 (III Year)	Computational Methods	3	0	0	3	1	0	4
03	ME 302 (III Year)	ME 310 (III Year)	Boilers and Steam Turbines	3	0	0	3	1	0	4
04	ME 401 (IV Year)	ME 431 (IV Year)	Vibration Engineering	3	0	0	3	1	0	4
05	ME 403 (IV Year)	ME 433 (IV Year)	Refrigeration and Air-conditioning	3	0	0	3	1	0	4

Agenda Items for Mechanical Engineering Department

- 1) Change of course codes of some subjects of 3rd year & 4th year Mech. Engg. effective from the batch of 2011-2012.
- 2) Procurement of software for laboratories
- 3) R&D facilities
- 4) Any other matters with the permission of the chair


(Prof. A. K. Chattopadhyay)

Prof. & Head, Mech. Engg. Deptt.

MIT, Lakshmangarh

To
Recd file
all

MINUTES OF BOS MEETING OF MECHANICAL ENGINEERING DEPARTMENT

A meeting of B.O.S. of Mechanical Engineering Department was held at 5.00 P.M. on 28.2.2012 in the conference hall of ABB to discuss about the course structure and syllabi for the academic year 2011-2012 onwards.

The following members were present.

1. Prof. P. K. Das, Dean, FET (Chairman) *P.K. Das* 28/02/2012
2. Prof. A. K. Chattopadhyay, HOD, Mechanical Engineering (Member) *A.K. Chattopadhyay*
3. Mr. N. S. Baruaole, Assistant Professor (Member) - *N.S. Baruaole*
4. Mr. Vikrant Sharma, Assistant Professor (Member Secretary) *Vikrant Sharma*
5. Mr. Mukesh Kumar, Assistant Professor (Member) *Mukesh Kumar*
6. Mr. Atul Kumar, Assistant Professor (Member) *Atul Kumar*
7. Mr. Pikesh Bansal, Assistant Professor (Member) *Pikesh Bansal*

Deliberations & Resolutions:

Discussion was held to finalize the course structure and the syllabi of the second year, third year and fourth year B. Tech programme in Mechanical Engineering effective from academic year 2011-2012 onwards. The detailed syllabi were also discussed and finalized.

It was further resolved that the course structure of third year and fourth year will remain same as that for the batch admitted in the academic year 2010-2011 which was already approved by the senate. However, a small change in the new course structure of the second year B. Tech programme was made. The paper ME 201 "Applied Mechanics" offered in the second year B. Tech Programme for the batch admitted in the academic year 2010-2011 has been replaced by ME 209 "Advanced Engineering Mechanics" for the batch admitted in the academic year 2011-2012. The syllabus for this paper has also been finalized.

The new course structure and syllabi discussed and finalized in the meeting has been recommended for discussion in the ensuing UGPC meeting for ultimate approval by the Senate.

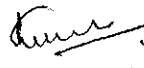
There being no other item to discuss the meeting ended with thanks to the chair.

Registrar
Pls. put this as an
agenda item for the
next meeting of UGPC
P.K. Das
21/05/12

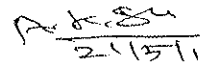
Minutes of the combined BOS meeting held on 21.5.2012

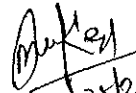
A meeting of the combined BOS was held at 12 45 P.M. on 21.05.2012 in the conference room of the ABB to discuss and finalize the curriculum structure of the newly introduced under graduate programme Mechatronics Engineering. The annexed course structure was circulated to the members and after deliberations it was resolved that the said course structure may be followed for the said programme with effect from the academic session 2012-13.

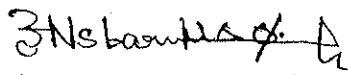
There being no other items to discuss the meeting ended with thanks to the chair.


HOD ME


21/5/12
HOD, ECCE


21/5/12
HOD, RSE

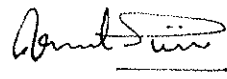

21/05/2012


(N.S. Barua)
21/5/12


(PIKESH BANSAL)


(Dr. K.K. Khatri)


(Anil Kumar)
21/5/12


(Vikrant Sharma)


21/05/12

B. Tech. Mechatronics Engineering
Four-Year Programme
Academic Curriculum (2012-13 onwards)

Second Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P			CW*	MTE**	ETE
	MA 205	Mathematics III	3	1	0	4	3	10	40	50
	ME 203	Mechanics of Solids	3	1	0	4	3	10	40	50
	MC 201	Fluid Mechanics & Machines	3	1	0	4	3	10	40	50
	MC 203	Electrical Machines	3	0	0	3	3	10	40	50
	EC 203	Electronics Devices & Circuits	3	1	0	4	3	10	40	50
	MC 221	Fluid Mechanics & Machines Lab	0	0	3	1.5	2	20	40	40
	ME 223	Mechanics of Solids Laboratory	0	0	3	1.5	2	20	40	40
	MC 223	Electrical Machines Lab	0	0	2	1	2	20	40	40
	EC 223	Electronics Devices & Circuits Lab	0	0	2	1	2	20	40	40
	GE 201	Discipline	-	-	-	1	-	100		
	Sub Total		15	4	10	25				
	GE 203	Proficiency (Non Credit) †	-	-	-	1		100		

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P			CW*	MTE**	ETE
	MC 202	Thermal Engineering	3	1	0	4	3	10	40	50
	MC 204	Instrumentation & Control	3	1	0	4	3	10	40	50
	EC 205	Digital Electronics	3	1	0	4	3	10	40	50
	ME 208	Kinematics & Dynamics of Machines	3	1	0	4	3	10	40	50
	ME 309	Computational Method	3	0	0	3	3	10	40	50
	MC 222	Thermal Engineering Lab	0	0	3	1.5	2	20	40	40
	ME 309	Computational Methods Lab	0	0	3	1.5	2	20	40	40
	EC 225	Digital Electronics Lab	0	0	2	1	-	20	40	40
	MC 228	Instrumentation & Control Lab	0	0	2	1	2	20	40	40
	GE 202	Discipline	-	-	-	1	-	100		
	Sub Total		15	4	10	25				
	GE 204	Proficiency (Non Credit) †	-	-	-	1		100		

B. Tech Mechatronics Engineering
Four-Year Programme
Academic Curriculum (2012 – 13 onwards)

Third Year

Third Year										
Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
	MT 201	Engineering Economics	2	0	0	2	3	10	40	50
	MC 301	Engineering Design	3	0	0	3	3	10	40	50
	EC 202	Microprocessor & Microcontroller	3	0	0	3	3	10	40	50
	MC 303	Object Oriented Programming	3	1	0	4	3	10	40	50
	MC 305	Programmable Logic Controller	3	0	0	3	3	10	40	50
	MC 307	Production Technology	3	0	0	3				
	EC 222	Microprocessor & Microcontroller Lab	0	0	2	1	3	10	40	50
	MC 321	Engineering Design Practice	0	0	3	1.5	-	100*		
MC 323	Object Oriented Programming Lab	0	0	3	1.5	2	20	40	40	
MC 325	Programmable Logic Controller Lab	0	0	3	1.5	2	20	40	40	
GE 301	Interpersonal Communication	0	0	2	1.5	2	20	40	40	
GE 303	Discipline	-	-	-	1		100			
Sub Total			17	1	13	26				
GE 305	Proficiency (Non Credit) †	-	-	-	1		100			

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
	MC 302	Modeling & Simulation in Instrumentation	3	0	0	3	3	10	40	50
	MC 304	Sensors & Actuators	3	0	0	3	3	10	40	50
	EC 305	Digital Signal Processing	3	1	0	4	3	10	40	50
	EC 204	Integrated Circuits & Application	3	0	0	3	3	10	40	50
	ME 326	Fluid Power System Control	3	1	0	4	3	10	40	50
		Elective - I	3	1/0	0/2	4	3	10	40	50
	EC 224	Integrated Circuits & Application Lab	0	0	2	1	2	20	40	40
	EC 325	Digital Signal Processing Lab	0	0	2	1	-	20	40	40
	MC 322	Simulation Lab	0	0	2	1	2	20	40	40
	GE 304	Discipline	-	-	-	1	-	100		
	Sub Total		18	2/3	6/8	25				
	GE 306	Proficiency (Non Credit) †	-	-	-	1		100		

* 25% Viva + 50% drawing evaluation + 25% design report

**B. Tech. Mechatronics Engineering
Four-Year Programme
Academic Curriculum (2012 – 13 onwards)**

Fourth Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
	MC 401	Robotics	3	1	0	4	3	10	40	50
	MC 403	Design of Mechatronic Systems	3	1	0	4	3	10	40	50
	EE 304	Power Electronics	3	1	0	4	3	10	40	50
	CS 401	Artificial Intelligence	3	1	0	4	3	10	40	50
		Elective – II	3	1/0	0/2	4	3	10	40	50
	EE 324	Power Electronics Lab	0	0	2	1	2	20	40	40
	MC 421	Minor project	-	-	-	2	-	100		
	MC 423	Colloquium	0	0	2	1	-	100		
	GE 401	Industrial Training Seminar††	-	-	-	2	-	100		
	GE 403	Discipline	-	-	-	1	-	100		
	Sub Total		15	4/5	4/6	27		-	-	-
	GE 405	Proficiency (Non Credit) †	-	-	-	1	-	100		

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE**	ETE
	ME 402	Professional Values and Ethics in Engineering	3	0	0	3	3	10	40	50
	MC 402	Computer Aided Design & Manufacturing	3	0	0	3	3	10	40	50
	ME 406	Industrial Engineering & Operations Research	3	0	0	3	3	10	40	50
		Elective – III	3	1/0	0/2	4	3	10	40	50
	ME 422	CAD/CAM Laboratory	0	0	3	1.5	2	20	40	40
	ME 424	Major Project	-	-	-	10	-	100		
	ME 426	Industrial Engineering & Operations Research Laboratory	0	0	3	1.5	2	20	40	40
	GE 402	Discipline	-	-	-	1	-	100		
	Sub Total		12	0/1	6/8	27				
	GE 404	Proficiency (Non Credit) †	-	-	-	1	-	100		

56+50+51+54

Total Credits=211

*Theory: Assignments and regularity will be evaluated out of 10(ten) marks in a semester.

Practicals: Practical records and regularity will be evaluated 4 (four) times in a semester. Each evaluation will be out of 10 (ten) marks.

** Theory: Two mid-term examinations of 20 (twenty) marks each

Practicals: Viva/ Quizzes will be held 4 (four) times in a semester, each of 10(ten) marks.

† Evaluation of proficiency will be based on the participation in co-curricular activities.

†† Students will go for an industrial training programme of 8 (eight) weeks in the summer after the end of III year Spring semester examination.

N.B. The curricular structure is subject to revision from time to time, which will be duly notified.

B. Tech Mechatronics Engineering
Four-Year Programme
Academic Curriculum (2012-13 onwards)

List of Electives *

Elective I

S.No.	Course Code	Course Title
1	ME 314	Advanced Thermodynamics
2	ME 316	Finite Element Methods in Mechanical Engineering
3	ME 318	Advanced Fluid Mechanics
4	ME 326	Fluid Power System & Control
5	ME 328	Tribology
6	ME 332	Solar Energy Based Thermal Processes

Elective II

S.No.	Course Code	Course Title
1	ME 411	Turbomachines
2	ME 413	Composite Materials
3	ME 415	Bearing & Lubrication
4	ME 417	Optimization Method in Engineering Design
5	ME 427	Quality Assurance & Reliability
6	ME 429	Maintenance Engineering

Elective III

S.No.	Course Code	Course Title
1	EC 418	Applied Robotics
2	EC 409	Process Instrumentation
3	PY 304	Applied Quantum & Statistical Mechanics
4	EC 307	Electronic Measurements and Instrumentation
5	CS 406	Neural Networks
6	CS 210	Management Information System
7	CS 410	Data Mining and Warehousing
8	EE 407	Renewable Energy System

FW: BOS resolution & new course structure

Ajit Kumar Chattopadhyay

Sent: Monday, May 21, 2012 4:20 PM

To: Dr.P.K.Das

Attachments: BOS_28.2.2012.docx (12 KB) ; Final Year Spring.docx (22 KB) ; Final Year Autumn.docx (41 KB) ; Third Year Autumn.doc (61 KB) ; Third Year Spring.docx (42 KB) ; Second Year Autumn.docx (29 KB) ; Second Year Spring.docx (32 KB)

A.K.Chattopadhyay,
Prof. & Head,
Mech. Engg. Deptt.,
Mody Institute of Technology & Science,
Lakshmangarh,
Rajasthan332311

From: Ajit Kumar Chattopadhyay
Sent: Tuesday, February 28, 2012 5:35 PM
To: Dr.P.K.Das
Subject: BOS resolution & new course structure

Sir,
Please find attached herewith the BOS resolutions pertaining to new curriculum structure and syllabi and the curriculum structures along with syllabi for your perusal and onward transmission to UGPC for consideration and recommendation to the Senate for approval.

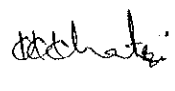
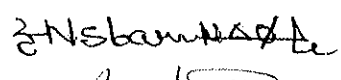
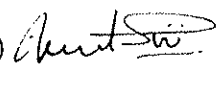
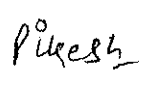
REgards,
Yours faithfully,
A.K.Chattopadhyay,
Prof. & Head,
Mech. Engg. Deptt.,
Mody Institute of Technology & Science,
Lakshmangarh,
Rajasthan332311

*e-mail sent to Registrar for
UGPC meeting*

MINUTES OF BOS MEETING OF MECHANICAL ENGINEERING DEPARTMENT

A meeting of B.O.S. of Mechanical Engineering Department was held at 5.00 P.M. on 16.5.2012 in the conference hall of ABB to discuss about the course code & syllabus of Engineering Graphics for the 1st year of Integrated B.Tech & M.Tech courses in CSE & ECE to be offered w.e.f 2012-13 academic year.

The following members were present.

1. Prof. P. K. Das, Dean, FET (Chairman) 
2. Prof. A. K. Chattopadhyay, HOD, Mechanical Engineering(Member) 
3. Dr. Kamal Kishor Khatri, Associate Professor (Member) 
4. Mr. N. S. Baruaole, Assistant Professor (Member) 
5. Mr. Vikrant Sharma, Assistant Professor (Member Seretary) 
6. Mr. Mukesh Kumar, Assistant Professor (Member) 
7. Mr. Pikesesh Bansal, Assistant Professor (Member) 

Deliberations & Resolutions:

Discussion was held to finalize the course code and syllabus of Engineering Graphics with a time slot of three hours per week to be introduced to first year classes of Integrated B. Tech & M.Tech courses in CSE & ECE w.e.f the academic year 2012-13. It was finally resolved that the course code will be ME 127 in conformity with the standard maintained for course codes in MITS and the detailed syllabus is as annexed hereto in Annexure-1.

The new course code and syllabus discussed and finalized in the meeting has been recommended for discussion in the ensuing UGPC meeting for ultimate approval by the Senate.

There being no other item to discuss the meeting ended with thanks to the chair.

Annexure-1

ME 127

Engineering Graphics Laboratory

0-0-3-1.5

1. **Lines, Lettering, Numbering, Dimensioning and Scale:** Different types of lines used in practice, Method of dimensioning, Lettering, Introduction to scale, Representation fraction. [5]
2. **Orthographic Projections:** Horizontal planes, Vertical planes, Front view, Top view, Side view, Projections, First and Third angle of projection, Projections of points, Principles of orthographic projections, Sketching of different views of given objects. [6]
3. **Projections of Lines:** Line inclined to both the principal planes. [3]
4. **Projections of Planes:** Projections of planes such as triangle, square, rectangle, rhombus, pentagon, hexagon, circle, etc. Inclinations of surface with H.P. & V.P. [6]
5. **Projections of Solids:** Projections of solids such as Pyramids, Prisms, Cones and Cylinders. Axis inclined to both the reference planes. [6]
6. **Sections of solids:** Projections of solids cut by horizontal and vertical section planes. [6]
7. **Isometric Projections:** Terminology, Isometric scale, Box method, Coordinate or offset method, Four-centre method. [6]
8. Introduction to Auto-CAD. [2]

Home assignment will consist of Drill problems in drawing sketchbook.

Term Work:

The term work will consist of six A2 (420X594 mm) or half imperial size drawing sheets as detailed below:

Sheet No.1: Orthographic Projections (At least 2 Examples)

Sheet No.2: Projection of Lines (At least 2 Examples)

Sheet No.3: Projection of Planes (At least 2 Examples)

Sheet No.4: Projection of Solids (At least 2 Examples)

Sheet No.5: Section of Solids (At least 2 Examples)

Sheet No.6: Isometric Projections (At least 2 Examples)

16

OK

FSD

MINUTES OF BOS MEETING OF MECHANICAL ENGINEERING DEPARTMENT

A meeting of B.O.S. of Mechanical Engineering Department was held at 5.00 P.M. on 28.2.2012 in the conference hall of ABB to discuss about the course structure and syllabi for the academic year 2011-2012 onwards.

The following members were present.

1. Prof. P. K. Das, Dean, FET (Chairman) *P.K. Das* 28/02/2012
2. Prof. A. K. Chattopadhyay, HOD, Mechanical Engineering (Member) *A.K. Chattopadhyay*
3. Mr. N. S. Baruaole, Assistant Professor (Member) - *N.S. Baruaole*
4. Mr. Vikrant Sharma, Assistant Professor (Member Secretary) *Vikrant Sharma*
5. Mr. Mukesh Kumar, Assistant Professor (Member) *Mukesh Kumar*
6. Mr. Atul Kumar, Assistant Professor (Member) *Atul Kumar*
7. Mr. Pakesh Bansal, Assistant Professor (Member) *Pakesh Bansal*

Deliberations & Resolutions:

Discussion was held to finalize the course structure and the syllabi of the second year, third year and fourth year B. Tech programme in Mechanical Engineering effective from academic year 2011-2012 onwards. The detailed syllabi were also discussed and finalized.

It was further resolved that the course structure of third year and fourth year will remain same as that for the batch admitted in the academic year 2010-2011 which was already approved by the senate. However, a small change in the new course structure of the second year B. Tech programme was made. The paper ME 201 "Applied Mechanics" offered in the second year B. Tech Programme for the batch admitted in the academic year 2010-2011 has been replaced by ME 209 "Advanced Engineering Mechanics" for the batch admitted in the academic year 2011-2012. The syllabus for this paper has also been finalized.

The new course structure and syllabi discussed and finalized in the meeting has been recommended for discussion in the ensuing UGPC meeting for ultimate approval by the Senate.

There being no other item to discuss the meeting ended with thanks to the chair.

Registrar
Pls. put this as an
agenda item for the
next meeting of UGPC

P.K. Das
21/05/12

Minutes of B.O.S

A meeting of B.O.S of Mechanical Engineering Department was convened at 8.30 A.M. on 15.11.2010 in the conference room of the new FET building to finalize the course structure and the second year syllabi for mechanical engineering. The following members were present.

- 1) Prof. P.K.Das, Dean FET, (Chairman)
- 2) Prof. A.K.Chattopadhyay, Head, MED (member)
- 3) Mr. N.S.Baruaole, A.P., MED (Member)
- 4) Mr. S.Singh, A.P., MED (Member)
- 5) Mr. V.Sharma, A.P., MED (Member)
- 6) Mr. T.Singh, A.P., MED (Member)

Prof. A. K. Chattopadhyay wanted to know from the members if some modifications would be necessary in the course structure and the syllabi which he already circulated to the members through E- Mail. After taking due consideration of the suggestions from members, the final course structure and the syllabi for second year Mechanical Engineering were finalized and it was resolved to recommend the same to UGPC for approval. Prof. Chattopadhyay also asked the members to frame the syllabi for third year and fourth year mechanical engineering at the earliest so that recommendation may be made to subsequent UGPC.

P.K.T.

Minutes of B.O.S

A meeting of B.O.S of Mechanical Engineering Department was convened at 4.30 P.M. on 19.04.2011 in the conference room of the new FET building to finalize the course structure of M.Tech in Renewable Energy Engineering. The following members were present.

- 1) Prof. P.K.Das, Dean FET, (Chairman)
- 2) Prof. A.K.Chattopadhyay, Head, MED (member)
- 3) Mr. N.S.Baruaole, A.P., MED (Member)
- 4) Mr. S.Singh, A.P., MED (Member)
- 5) Mr. V.Sharma, A.P., MED (Member)
- 6) Mr. T.Singh, A.P., MED (Member)

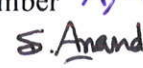
The Renewable Energy Engineering course structure (which was earlier circulated to members) was read out by the HOD, Mechanical Engineering and the members were requested to forward any suggestion in respect of the course structure which would then be forwarded to Dean for his appropriate action. After taking due consideration of the suggestions from members, the final course structure and the syllabi for Renewable Energy Engineering were finalized and it was resolved to recommend the same to UGPC for approval.



BOS –Mechanical Engineering Department

Minutes of Board of Studies meeting of Mechanical Engineering Department held on 24- 03-2021 in F-112 of SET in ABB.

Members Present:

1. Dr. A Senthil, Chairperson- Asst. Dean 
2. Dr. Atul Kumar, HoD ME - Member 
3. Mr. Vikrant Sharma, Assistant Professor – Member 
4. Mr. Mukul Paliwal, Assistant Professor – Member 
5. Dr. Puneet Gupta, Associate Professor (CSE) – External Member 
6. Dr. Praneet Saurabh, Associate Professor (CSE) – External Member 
7. Dr. Satyajit Anand, Asst. Professor (ECE) – External Member 

Agenda:

1. **New course curriculum for B.Tech. in Mechanical Engineering with two specializations.**
2. **New course curriculum for M.Tech. in Industrial Engineering**

- New course curriculum for B.Tech in Mechanical Engineering with two different specializations is proposed. Curriculum is designed by considering full coverage of GATE (Mechanical Engineering) syllabus as well multi-disciplinary courses as recommended by AICTE. No new laboratory facilities will be required

The proposed academic curriculum is to be implemented for the students to be enrolled in the session 2021-22. The specializations offered are as follows:

1. Mechanical Engineering with specialization in Artificial Intelligence and Machine Learning [AI & ML]
2. Mechanical Engineering with specialization in Industrial Internet of Things [IIoT]

- The approved four year curriculum for 2019-23 batch will remain the same for B.Tech in core Mechanical Engineering (without specializations) by the students to be enrolled in the session 2021-22.
- **New program and curriculum for M.Tech in Industrial Engineering is proposed.** It is a multi-disciplinary course which will attract pool of students from various streams like Mechanical Engineering, Industrial, Production Engineering, Manufacturing/ Welding/ Material Science/ Metallurgy Engineering or any branch of Engineering viz. Computer Science, Electronics Engineering, Electrical Engineering etc. The proposed program and curriculum is to be implemented for the students enrolled in the session 2021-22. No new laboratory facilities will be required

Meeting ended with vote of thanks to the chairperson.

B.Tech (CSE)



Computing &
Engineering
Accreditation
Commissions

B.Tech (ECE)



Engineering
Accreditation
Commissions

18

Minutes of B.O.S

A meeting of B.O.S. of mechanical engineering department was held at 5:15 pm on 15/09/2010 in the conference hall of ABB to discuss about the revision of course structure/curricula of mechanical engineering subjects to be included in all the 1st year engineering programmes

The following members were present.

- 1) Dr. P.K. Das, Dean, F.E.T. (Chairman)
- 2) Prof. A. K. Chattopadhyay, HOD (member) *AKC*
- 3) Mr. N.S. Baruaole, Assistant Professor (Member) *NSB*
- 4) Mr. Vikrant Sharma, Assistant Professor (Member) *VSharma*

The summary sheet containing the quantum of mechanical engineering courses offered in 1st year engineering programmes by different institutes including IITs, NITs, full-fledged Universities and deemed universities was placed for discussion and it was resolved that the subjects applied mechanics (3-1-0), Basic manufacturing process (2-0-0) and Engineering graphics (0-1-2) be recommended as common courses for all 1st year engineering programmes. Also some modifications in syllabii of Applied Mechanics and Basic Manufacturing Process were recommended. There being no other items for discussion, the meeting ended with vote of thanks to the Chair.

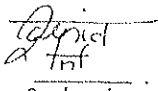
AKC

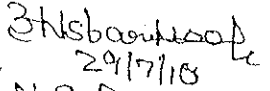
Department of Mechanical Engineering
Mody Institute of Technology & Science

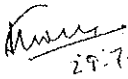
A meeting of B.O.S was convened at 12: 30 P.M. on 23.7.2010 (Friday) to discuss about the proposed Laboratories to be set up for the undergraduate course of the department. The following members were present.

- 1) Prof. P.K.Das (Dean,Chairman)
- 2) Prof. A. K. Chattopadhyay(H.O.D., Member)
- 3) Mr. N. Baruaole (Member)
- 4) Mr. V. Sharma (Member)

After deliberation it was decided that the laboratories will be spread across various rooms in the lower ground floor and the ground floor of the annexed wing of the New F.E.T building under construction now. The enclosed break-up of the various laboratories with space needed and the projected dates of commencement as recommended by the B.O.S. should be forwarded to the Dean, FET for consideration of the Chairman, MC for final approval on an urgent basis so that laboratory classes may be held as scheduled.


29/07/10
(Vikrant Sharma)


29/7/10
(N.S. Baruaole)


29.7.10
(A.K. Chattopadhyay)

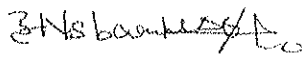
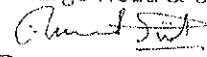


	9. Controller of Examination – 1 10. General Manager, Career Development Centre – 1 The tenure of the members of the Academic Council is to be three years, effective from the date of notification of Constitution as above. The quorum of the meeting will be simple majority. In the event of vacation of any member, due to resignation/s, withdrawal etc., the new member nominated will serve only the remaining period of the tenure of the member who vacates his position.	
26.44	To consider the composition and constitution of the Boards of Studies of the Colleges of the University: CET, COBMEC, CASH, CLG, CAD, CFDM The Council took note of the expiry of the Boards of Studies of erstwhile Faculties and commencement of new Colleges during the Academic year 2015-16 and proposed the constitution of the Board of Studies of each College / Department as under: 1. Dean – Chairperson 2. Professors – 2 3. Associate Professors - 2 4. Domain Expert – 1 from the Department / College 5. External Expert, Academic – 1 6. External Expert, Industry – 1 7. Member Secretary – 1, to be nominated by the Dean among the Members of the Board of Studies from the College The tenure of the members of the Board of Studies is to be two years from the date of the Notification of the Composition of the Board of Studies. The quorum of the meeting will be simple majority. In the event of vacation of any member, due to resignation/s, withdrawal etc., the new member nominated will serve only the remaining period of the tenure of the member who vacates his position. The Council resolved that in case of Integrated and Dual- degree programmes jointly offered by two Colleges, there will a combined Board of Studies drawing members from the respective Boards of Studies of both the Colleges. The Dean of the College offering the programme will chair the meeting of the combined BoS	AH
26.45	To consider finalization of the Academic Calendar of the University for the year 2015-16. The Council approved the Academic Calendars of the Colleges as per	AI

Minutes of Board of Studies meeting of Mechanical Engineering Department held on March 31, 2015 at 4.45 PM in conference room of FET in ABB building

Agenda: Revision of curriculum structure and syllabi of four year B. Tech degree programme in Mechanical Engineering as per new guideline issued by AICTE.

Members Present:

1. Prof. J. V. Desai, Dean & Chairperson 
2. Mr. N. S. Baruaole, Incharge Head & Co-chairperson 
3. Mr. Vikrant Sharma 
4. Mr. Atul kumar 

The meeting was addressed by the chairman of BOS with a discussion on how new guideline given by AICTE can be assimilated in curriculum of four year B. Tech degree programme in Mechanical Engineering

Recommendation

1. The curriculum structure and syllabi of four year B. Tech degree programme in Mechanical Engineering was discussed and second year curriculum structure along with syllabi was proposed.
2. The following subjects along with their syllabi are recommended as Mody University Electives.
 - i. Renewable Energy
 - ii. Robotics

The meeting ended with a vote of thanks to the chair.

From: DEAN FET <dean.fet@modyuniversity.ac.in>
Sent: 10 May 2014 AM 09:20
To: NOTIFYIT; NOTIFYME
Cc: Dr. M. K. Jha
Subject: BOS meeting

CIRCULAR

Combined BOS meeting of ME/IT Departments will be held today at 3.30 PM in new FET conf room. All the concerned faculty members are informed to attend the same without fail.

Prof. Jha M.K will attend the same as special invitee.

Dean
FET.



A Leading Women's University

MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN

School of Engineering and Technology

Lakshmangarh(Sikar), Rajasthan-332311

Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

Date:- 20/03/2021

Minutes of BOS Meeting

Board of studies (BOS) meeting for the Department of Computer Science and Engineering , SET, Mody University of Science and Technology held on 20/03/2021 (Saturday) at 3.00 PM in the conference Hall (ABB).

Attended by:

Prof. (Dr.) A. Senthil, HoD-CSE –Member, Asst Dean,SET-Chairman

Dr. Prateek Bhanti - Member

Dr. Vinod Maan

Dr. Rajeev Pourush *Member External*

Dr. Sandeep Jaiswal *member External*

Dr. Sanjeev Patwa-Member, Secretary

CSE
Department

S.No. **Agenda & Minutes:**

Annexure

1. **Welcome address by the Chairman, BOS Prof (Dr) A Senthil**
The chairman welcomed the members of the meeting. Briefed the Agenda to the committee.
2. **To Consider the recommendation of the Academic Program Committee (APC) regarding approval of the Value Added Courses Certificate course in Cyber Security and Data Analytics using Excel in session Spring 19-20 and Spring 20-21 respectively).**

1

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Value Added Courses in the session Spring 19-20 and Spring 20-21 and forwarded to UGPC for approval.

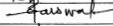
A. Senthil
Prof. (Dr.) A Senthil
Dean-SET
(Chairman-BOS)

Dr. Sanjeev Patwa
Dr. Sanjeev Patwa

(Member Secretary)

Date: 20/03/2021

Attendance Sheet

Sr. No.	Name of the Member	Signature
1.	Prof.(Dr.) A Senthil- Chairman, HoD-CSE and Asst Dean, SET	
2.	Dr Anand Sharma , Member	
3.	Dr. Prateek Bhanti , Member	
4.	Dr. Vinod Maan , Member	
5.	Dr Rajeev Pourush, Member External	
6.	Dr Sandeep Jaiswal, Member External	
7.	Dr. Sanjeev Patwa , Member, Secretary	



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN
A Leading Women's University

School of Engineering and Technology

Lakshmangarh(Sikar), Rajasthan-332311

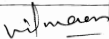
Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

Date: 28/10/2020

BOS meeting for the Department of Computer Science and Engineering, SET, MUST held on 28.10.2020 at 3.00 PM in the SET Conference Room.

Attendance Sheet

Sr. No.	Name	Signature with Date
1.	Prof.(Dr.) A Senthil- HoD-CSE & Asst.Dean -SET	
2.	Dr Ajay Kumar Singh – Member	
3.	Dr. Prateek Bhanti – Member	
4.	Dr.Vinod Mann- Member	
5.	Dr. Puneet Kumar Gupta- Member	
6.	Dr Niranjan Lal –Special Invitee	
7.	Dr Sanjeev Patwa (Member, Secretary)	



Date:- 29/10/2020

Minutes of BOS Meeting

Board of studies (BOS) meeting for the Department of Computer Science and Engineering , SET, Mody University of Science and Technology held on 28/10/2020 (Wednesday) at 3.00 PM in the conference Hall (ABB).

Attended by:

Prof. (Dr.) A. Senthil, HoD-CSE –Member, Asst Dean,SET-Chairman

Dr Ajay Kumar Singh- Member

Dr. Prateek Bhanti - Member

Dr. Puneet Kumar Gupta- Member

Dr.Vinod Mann

Dr Niranjan Lal

Dr. Sanjeev Patwa-Member, Secretary

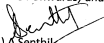
S.No. Agenda & Minutes:

Annexure

1. **Welcome address by the Chairman, BOS Prof (Dr) A Senthil**
The chairman welcomed the members of the meeting. Briefed the Agenda to the committee.
2. **To Consider the recommendation of the Academic Program Committee (APC) regarding approval of the Additional Industry Courses in the Curricular Structure of BTech-CSE (2021-25 Batch Onwards).**

1

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Additional Industry Courses in the Curricular Structure of BTech-CSE (2021-25 Batch Onwards) and forwarded to UGPC for approval.


Prof. (Dr.) A Senthil
Dean-SET
(Chairman-BOS)


Dr. Sanjeev Patwa
(Member Secretary)

From,

DATE: 25/10/2020

Asst Dean-SET

MUST

To,

REF NO.: _____

Campus Connect Anchor,

Campus Connect,

Infosys Ltd.

Dear Sir,

REGD: Introduction of Business Intelligence and its application (Infosys).

Machine Learning using R (Infosys).

We are happy to inform you that the Board of Studies of respective departments of our college has decided to offer electives co-designed by Infosys. Further details are below:

Title	Elective - 1	Elective - 2
Course Code	CS20.464	CS20.465
Course Name	Business Intelligence and its application (Infosys)	Machine Learning using R (Infosys)
Date of BOS sign off	28/10/2020	28/10/2020
Department	CSE	CSE
Credits	3	3
L-T-P (Lecture – Theory- Practical)	3-0-0	3-0-0
Semester in which elective will be offered	7 th and 8 th	7 th and 8 th
Name of HOD/Faculty handling elective	Dr A Senthil	Dr A Senthil
Contact details of HOD/Faculty	9636460650	9636460650
BOS sign off letter attached? Yes/No	Yes	Yes
Syllabus copy attached? Yes/No	Yes	Yes

Thanking you,

Yours Sincerely,

Asst Dean-SET

(Dr Prof A Senthil)

<<College Seal>>>

Dean

School of Engineering and Technology
Mody University of Science and Technology
Lakshmangarh, Rajasthan- 332311

Date:- 17/03/2020

BOS Agenda

Board of studies (BOS) meeting for the Department of Computer Science and Engineering , SET,
Mody University of Science and Technology.

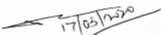
Venue: Conference Room (ABB)

Date: 19/03/2020

Time: 3:00 PM

Agenda:

1. To consider the recommendation of the Academic Program Committee (APC) regarding approval of the course structure of 2 Year MCA Program (2020-22 Batch Onwards).


17/03/2020

Prof. (Dr.) V. K. Jain
Dean-SET
(Chairman-BOS)



Dr. Sanjeev Patwa
(Member Secretary)

NOTICE-BOS
(Agenda Items)

Date:-18-03-2020

As directed by Chairman- BOS, A meeting of the Board of Studies, Computer Science and Engineering Department will be held on 19-03-2020 at 3:00 PM in the conference room of AB Building. All members are kindly requested to attend the meeting. The agenda of the meeting is as follows:

Agenda:

1. To consider the recommendation of the Academic Program Committee (APC) regarding approval of the course structure of 2 Year MCA Programme (2020-22 Batch Onwards).
2. Any other point with the permission of the Chair.

Sr. No.	Name of the Member	Status
1.	Prof.(Dr.) V.K.Jain-Dean Academics & Dean, SET	Chairman
2.	Prof. (Dr.) A. Senthil, HoD-CSE	Member
3.	Dr Ajay Kumar Singh	Member
4.	Dr. Prateek Bhanti	Member
5.	Dr.Vinod Mann	Member
6.	Dr. Puneet Kumar Gupta	Member
7.	Dr.E.S.Pilli, MNIT Jaipur	(External Member-Academic)
8.	Dr. Sanjeev Patwa	(Member, Secretary)

Copy to:

1. Dean-SET
2. All Concern Members

19/3/2020

Due to Covid situation on same day
External member couldnt attend the
meeting.



Dr S. Patwa.



MODY
UNIVERSITY
IN SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN

Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No. : (01573) 225001-12 • Fax : (01573) 225042

email : dean.cet@modvuniversity.ac.in • www.modvuniversity.ac.in

Date: 28/05/2018

Minutes of BOS Meeting

BOS meeting for the Department of Computer Science and Engineering, CET, Mody University held on 28.05.2018 (Monday) at 10.00 AM in the Conference Room (ABB).

Attended By:

Prof (Dr.) V. K. Jain, Chairman

Prof Anil Kumar

Dr A. Senthil

Dr Vinod Maan

Dr Pinaki Ghosh

Mr Amit Pareek, External Expert From Industry (IBM)

Prof C.K.Jha, Prof & Head, CSE Banasthali University, External Academic Expert

Dr Sanjeev Patwa, Member Secretary

S.No.

Agenda & Minutes

Annexure

- 1 **Welcome address by the Chairman, BOS Prof (Dr.) V. K. Jain**
The chairman welcomed the members to the meeting. The Chairman requested the Member Secretary, to place the agenda before the committee.
- 2 **To consider the recommendation of the Academic Program Committee (APC) regarding Review the Science and Mathematics components of BTech CSE and ECE.** 1

Considered and approved the recommendation of the Academic Program Committee (APC) regarding Review the Science and Mathematics components of BTech CSE and ECE.

28/5/18
Dr V.K. Jain

28/5/2018
Dr S. Patwa

- 3 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curriculum Structure of BTech III Year CSE-BDA. 2

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curriculum Structure of BTech III Year CSE-BDA.

- 4 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curriculum Structure of BTech- II Year CSE-Information Security and CSE-Cloud Computing. 3

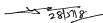
Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curriculum Structure of BTech-II Year CSE-Information Security and CSE-Cloud Computing and suggested that In Curricular Structure of BTech II Year CSE-Information Security and CSE-Cloud Computing.

- 5 To consider the recommendation of the Academic Program Committee (APC) regarding review the Continuous Improvement Policy which is already in existence from January 2018. 4

Considered and approved the recommendation of the Academic Program Committee (APC) regarding review the Continuous Improvement Policy which was in existence from Jan 2018. It was approved as it is and no changes are suggested by the BOS Members.

- 6 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the 3 CBCS courses (2-CSE and 1-ECE) which are to be offered by CET from July 2018 onwards. 5

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the 3 CBCS courses (2-CSE and 1-ECE) which are to be offered by CET from July 2018 onwards. It was decided that previously offered previous CBCS courses ET 16.101: Fundamentals of Computer Science and ET 16.102 Computer Programming and Utilities will be withdrawn from 2018-19.


Prof (Dr.) V. K. Jain
Chairman-BOS


Dr Sanjeev Patwa
Member Secretary-BOS



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN
A Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

Lakshmangarh (Sikar), Rajasthan 332 311, India
Ph. No. : (01573) 225001-12 • Fax : (01573) 225042
email : dean.cet@modvuniversity.ac.in • www.modvuniversity.ac.in

Date: 28/05/2018

Board of Studies (BOS) meeting for the Department of Computer Science and Engineering, CET, Mody University.

Venue: Conference Room (ABB)

Date: 28/05/2018

Time: 10:00 AM

Agenda:

1. To Review Science and Mathematics components of BTech CSE and ECE.
2. To Approve the Curricular Structure of BTech III Year CSE-BDA
3. To Approve the Curricular Structure of BTech- II Year CSE-Information Security and CSE-Cloud Computing.
4. To Review the Continuous Improvement Policy which is already in existence from January 2018.
5. To Approve 3 CBCS courses which are to be offered by CET from July 2018 onwards.



MODY
UNIVERSITY
OF SCIENCE & TECHNOLOGY

LAKSHMANGARH - RAJASTHAN

A Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

Lakshmanagarh (Sikar), Rajasthan 332 311, India

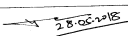
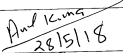
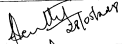
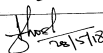
Ph. No. : (01573) 225001-12 • Fax : (01573) 225042

email : dean.cet@modyuniversity.ac.in • www.modyuniversity.ac.in

Date: 28.05.2018

BoS meeting for the Department of Computer Science and Engineering, CET, Mody University of Science and Technology held on 28.05.2018 (Friday) at 10:00 AM in the Conference Room, ABB.

Attendance Sheet

S. No.	Name	Signature with Date
1.	Prof. (Dr.) V.K. Jain, Chairman	 28.05.2018
2.	Prof. Anil Kumar	 28/5/18
3.	Dr. A. Senthil	 28/05/2018
4.	Dr. Vinod Maan	 28/5/18
5.	Dr. Pinaki Ghosh	 28/5/18
6.	Mr. Amit Pareek, External Expert from Industry (IBM)	 28/05/2018
7.	Prof. C.K. Jha, Prof. & Head, CSE Banasthali University-External Academic Expert	 28/5/2018
8.	Dr. Sanjeev Patwa, Member Secretary	 28/5/2018



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN

A Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No. : (01573) 225001-12 • Fax : (01573) 225042

email : dean.cet@modvuniversity.ac.in • www.modvuniversity.ac.in

BOS meeting for the Department of Computer Science and Engineering, CET, MUST held on 06.1.2018 at 4.30 PM in the CET Conference Room.

Attendance Sheet

Sr. No.	Name	Signature with Date
1.	Prof.(Dr.) V.K.Jain (Chairman)	
2.	Prof. (Dr.) Anil Kumar, HoD-CSE (Member)	
3.	Dr. A. Senthil, Assistant Professor-CSE(Member)	
4.	Mr.Amit Pareek, IBM (External Member-Industry)	Absent
5.	Dr.E.S.Pilli, MNIT Jaipur(External Member-Academic)	Absent
6.	Dr Sanjeev Patwa (Member, Secretary)	



Minutes of the Board of Studies Meeting of CSE Department held on 06/01/2018

Venue: CET Conference Room

Time: 4:30 P.M to 5:30 P.M

Meeting Chaired by: Prof. (Dr.) V. K. Jain, Dean-CET

Members Present

- Prof. (Dr.) Anil Kumar, HoD-CSE
- Dr. Sanjeev Patwa, Member Secretary-BOS
- Dr. A. Senthil, Assistant Professor-CSE

Members Absent: Mr.Amit Pareek, IBM (External Member-Industry)
Dr.E.S.Pilli, MNIT Jaipur(External Member-Academic)

Minutes:

The following agenda items were discussed and approved (UG Courses)

SNO	Item	Reference
1	Addition of RM 17.101: Research Methodology ¹ (2 Credits) in BTech (CSE) 8th Semester with effective from spring semester 2017-18 in 2014-15 Batch curriculum is approved.	Annexure-UG1
2	The following changes in curriculum of BTech (CSE) 2015-16 Batch are approved: <u>B.Tech CSE-VI Semester</u> i. Addition of RM 17.101: Research Methodology¹ (2 Credits) ii. Addition of Industry Elective ET 471 Cloud Computing² (Infosys) in list of Elective II iii. Reduction of credits from 4 to 3 by removing tutorial class in the following courses: • Software Engineering³ existing course code: CS 14.302, new course code: CS 14.332 • Compiler Design⁴ existing course code: CS 14.304, new course code: CS 14.334 • Computer Networks⁵ existing course code: CS 14.306 new course code: CS 14.336	Annexure-UG2

	iv. Increasing of credits from 3 to 4 in Comprehensive II⁶, existing course code: CS 14.372, new course code: CS 14.374 <u>B.Tech CSE-VII Semester</u> - Addition of Industry Elective ET 362 Mobile Apps Development⁷ (Infosys) in list of Elective III <u>B.Tech CSE-VIII Semester</u> - Transfer of CS 14.418 Software Defined Networking⁸ (Credit 4) in Elective V From Elective III (VII Semester)	
3.	The following changes in curriculum of BTech (CSE) 2016-17 Batch are approved <u>B.Tech CSE-IV Semester</u> i) Reduction of credits for the course Computer Organization and Architecture⁹ from 4 to 3 by removing tutorial class. Existing course code::CS 14.208, new Course code:: CS 14.232. ii) Increasing of credits from 3 to 4 in Comprehensive I¹⁰, existing course code: CS 14.220, new course code: CS 14.270. <u>B.Tech CSE-V Semester</u> iii) Addition of industry elective ET 465 Agile Software Development¹¹(Infosys) in list of Elective I.	Annexure-UG3
4.	The following changes in curriculum of BTech (CSE-BDA/IOT/CC/IS) 2016-17 Batch are approved. <u>BTech (CSE-BDA/IOT/CC/IS)-III Semester</u> i) Correction in CS 14.203 credits 4 to 3 (Typographical Error) ii) Correction in CS 14.204 credits 4 to 3 (Typographical Error) <u>BTech (CSE-BDA/IOT/CC/IS)-IV Semester</u> iii) Correction in CS 14.206 credits 3 to 4 (Typographical Error) iv) Increase of credits from 3 to 4 in Comprehensive I¹⁰, existing course code: CS 14.220, new course code: CS 14.270.	Annexure-UG4

5.	The following changes in curriculum of BCA 2015-16 Batch are approved <u>BCA-IV Semester</u> i) Addition of Electronic Commerce¹² (CA 17.208) with 4 credit in the list of Elective I. ii) Removal of Electronic Commerce (CA 16.208) 3 credits. iii) Addition of Industry Elective ET 471 Cloud Computing² (Infosys) in list of Elective I. <u>BCA-V Semester</u> iv) Addition of Industry Elective(ET 465) Agile Software Development¹¹ (Infosys) in list of Elective II. v) Removal of Elective I (3 Credits) <u>BCA-VI Semester</u> vi) Addition of Industry Elective ET 362 Mobile Apps Development⁷ (Infosys) in list of Elective III. * Increase of credits from 3 to 4 in all Elective Courses ¹⁴⁻²⁵	Annexure-UG5
----	--	---------------------

The following agenda items were discussed and approved (PG Courses)

SNO	Item	Reference
1.	The following changes of MCA 2016-17 Batch, Admitted in July 17- Lateral Entry to Second Year are approved. <u>MCA-IV Semester</u> i) Addition of Industry Elective ET 471 Cloud Computing² (Infosys) in list of Elective I. ii) Removal of Elective II (4 Credits) <u>MCA-V Semester</u> iii) Addition of Industry Elective ET 362 Mobile Apps Development⁷ (Infosys) in list of Elective II. iv) Comprehensive viva voce CA 791 is changed to Comprehensive end term Exam CA 17.791 (2 credits). v) Addition of RM 17.101: Research Methodology¹ (2 Credits). vi) Removal of Elective III (4 Credits)	Annexure-PG1

2.	The following changes of MCA 2017-18 Batch, to be admitted in July 18-Lateral Entry to Second Year are approved. <u>MCA-III Semester</u> i) Addition of Industry Elective ET 465 Agile Software Development¹¹ (Infosys) in list of Elective I. ii) Reduction of credits for the course, Computer Communication Networks¹³ from 4 to 3 by removing tutorial class. Existing code: CA 605, new code: CA 17.605. iii) Removal of Comprehensive viva voce CA 691 (1 Credit). <u>MCA-IV Semester</u> iv) Introduction of Elective II (4 Credits). v) Addition of industry elective ET 471 Cloud Computing² (Infosys) in list of Elective II. vi) Comprehensive viva voce CA 692 is changed to Comprehensive end term Exam CA 17.692 (2 credits). vii) Removal of Elective I (4 Credits).	Annexure-PG2
3.	The following change in curriculum of M.Tech (CSE) 2018-19 Batch is approved. <u>M.Tech(CSE)-I Semester</u> i. Addition of RM 17.101: Research Methodology¹ (2 Credits).	Annexure-PG3

Meeting ended with vote of thanks to the chair.


Member Secretary
 (Dr. Sanjeev Patwa)


Prof. (Dr.) V.K. Jain
Dean-CET
Chairman BOS

Copy to

1. Head – Dept. of CSE
2. All members above

**MODY**UNIVERSITY
LAKSHMANGARH - RAJASTHAN

A Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)

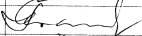
Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No. : (01573) 225001-12 • Fax : (01573) 225042

email : dean.cet@modvuniversity.ac.in • www.modvuniversity.ac.in

BOS meeting for the Department of Computer Science and Engineering, CET, MUST held on 21.12.2017 at 11.00 AM in the ABB Conference Room.

Attendance Sheet

Sr. No.	Name	Signature with Date
1.	Prof V.K.Jain, Chairman	
2.	Prof Anil Kumar, HOD CSE	
3.	Dr A. Senthil (Member)	
4.	Mr Amit Pareek, External Member	
5.	Dr Emmanuel S Pilli, External Member	
6.	Dr Sanjeev Patwa, Member Secretary	



MODY
UNIVERSITY

LAKSHMANGARH - RAJASTHAN
A Leading Women's University

School of Engineering and Technology

Lakshmanagarh(Sikar), Rajasthan-332311

Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

Date: 26/10/2018

Minutes of BOS Meeting

BOS meeting for the Department of Computer Science and Engineering, SET, Mody University of Science and Technology held on 26/10/2018 (Friday) at 2.00 PM in the Conference Room (ABB).

Attended By:

Prof. (Dr.) V. K. Jain—Dean, SET—Chairman

Prof. (Dr.) Rahul Banerjee—Director, LNMIT, Jaipur—Special Invitee (Academic)

Dr. A. Senthil—Associate Professor & Head, CSE—Member

Dr. Ajay Kumar Singh—Assistant Professor, CSE—Member

Mrs. Aditi Kajala—Assistant Professor, CSE—Member

Dr. Sanjeev Patwa—Assitant Professor, CSE—Secretary

S.No.	Agenda & Minutes	Annexure
-------	------------------	----------

- | | | |
|---|--|---|
| 1 | Welcome address by the Chairman, BOS Prof (Dr.) V. K. Jain
<i>The chairman welcomed the members to the meeting. The Chairman introduced all the members of BOS to the Special Invitee, and briefs the agenda to committee.</i> | |
| 2 | To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 3rd and 4th Year B.Tech (CSE)-BDA Specialization (2016-2020 Batch). | 1 |

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 3rd and 4th Year B.Tech (CSE)-BDA Specialization (2016-2020 Batch) and forwarded to UGPC for approval.



- 3 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-BDA Specialization (2017- 2021 Batch). 2

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-BDA Specialization (2017- 2021 Batch) and forwarded to UGPC for approval.

- 4 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-IoT Specialization (2017- 2021 Batch). 3

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-IoT Specialization (2017- 2021 Batch) and forwarded to UGPC for approval.

- 5 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-Cloud Computing Specialization (2017- 2021 Batch). 4

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-Cloud Computing Specialization (2017- 2021 Batch) and forwarded to UGPC for approval.

- 6 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of 2nd, 3rd and 4th Year CSE-Information Security Specialization (2017- 2021 Batch). 5

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of 2nd, 3rd and 4th Year CSE-Information Security Specialization (2017- 2021 Batch) and forwarded to UGPC for approval.

7. To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure for B.Tech CSE (2018-2022 Batch) based on New Academic Model. 6

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure for B.Tech CSE (2018-2022 Batch) based on New Academic Model and forwarded to UGPC for approval.



MODY
UNIVERSITY

For Women & Men
LAKSHMANGARH - RAJASTHAN

A Leading Women's University

School of Engineering and Technology

Lakshmangarh(Sikar), Rajasthan-332311

Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

- 8 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of B.Tech CSE-IBM Specializations (2018-2022) based on New Academic Model. 7

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of B.Tech CSE-IBM Specializations (2018-2022) based on New Academic Model and forwarded to UGPC for approval.

- 9 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of BCA 2018-2021 Batch based on New Academic Model. 8

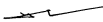
Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of BCA 2018-2021 Batch based on New Academic Model and forwarded to UGPC for approval.

- 10 To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of MCA 2018-2020 (Lateral Entry-II Year) based on New Academic Model. 9

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of MCA 2018-2020 (Lateral Entry-II Year) Batch based on New Academic Model and forwarded to PGRPC for approval.

11. To consider the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of MTech 2018-2020 Batch based on New Academic Model 10

Considered and approved the recommendation of the Academic Program Committee (APC) regarding approval of the Curricular Structure of MTech 2018-2020 Batch based on New Academic Model and forwarded to PGRPC for approval.


Prof (Dr.) V. K. Jain
Chairman-BOS


Dr Sanjeev Patwa
Member Secretary-BOS



MODY
UNIVERSITY
LAKSHMANGARH - RAJASTHAN
A Leading Women's University

School of Engineering and Technology

Lakshmangarh(Sikar), Rajasthan-332311

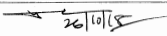
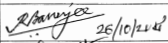
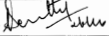
Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in . www.modyuniversity.ac.in

Date: 26/10/2018

BOS meeting for the Department of Computer Science and Engineering, SET, Mody University of Science and Technology held on 26.10.2018 (Friday) at 2.00 PM in the Conference Room (ABB).

Attendance Sheet :-

Sr. No.	Name	Signature with Date
1	Prof. (Dr.) V. K. Jain—Dean, SET—Chairman	 26/10/18
2	Prof. (Dr.) Rahul Banerjee—Director, LNMIT, Jaipur—Special Invitee (Academic)	 26/10/2018
3	Dr. A. Senthil—Associate Professor & Head, CSE—Member	
4	Dr. Ajay Kumar Singh—Assistant Professor, CSE—Member	
5	Mrs. Aditi Kajala—Assistant Professor, CSE—Member	 26/10
6	Dr. Sanjeev Patwa—Assistant Professor, CSE—Secretary	 26/10/18

B.Tech (CSE)

Computing &
Engineering
Accreditation

B.Tech (ECE)

Engineering
Accreditation

**Minutes of the BoS (Computer Science and Engineering) meeting held on
30.05.2017**

Venue: Conference room CET

Time: 3:00 PM

The meeting started with welcome to the chair. The committee deliberated on the recommendations of the APC of the CSE department held on 08.05.2017. Following recommendations were made to be approved by the higher body i.e. UGPC/PGRPC.

1. **Item:** First year curriculum for the newly introduced specializations (Cloud computing/Information Security) of B. Tech. CSE program in association with IBM. The First Year curriculum is common with the existing specializations (Big Data Analytics/Internet of Things).
Observation: Approved with the course names IBM-1 and IBM-2 should be replaced by actual course names.
 2. **Item:** First Year B. Tech. CSE course modification
Observation: Declined due to the common course curriculum of all B. Tech. branches.
 3. **Item:** Curriculum and syllabi for second year B. Tech. specializations BDA/IoT/Cloud Computing/Information Security.
Observation: Approved.
 4. **Item:** Introduction of Department elective in B. Tech. CSE 3rd year and shifting the Mody University elective to spring semester.
Observation: Approved with one course "Operations Research" removed from proposed elective list.
 5. **Item:** Due to introduction of Department elective in B. Tech CSE 3rd year serial no of electives following it is changed (both in B. Tech. CSE 3rd year and B. Tech CSE 4th year).
Observation: Approved.
 6. **Item:** Modification in the M. Tech CSE 1st year curriculum to introduce new courses (Big Data Analytics, Machine Learning, Machine Learning Lab., Operations Research and Operations Research Lab.) with syllabi.
Observation: Approved.
 7. **Item:** Modification in the M. Tech. CSIS 1st year curriculum to introduce security oriented courses (Security Issues of Big Data, Big Data Security Lab, Security Issues of Cloud Computing, Operations Research and Operations Research Lab.) with syllabi.
Observation: Approved.
 8. **Item:** Removing of Discipline from BCA and B. Sc. (IT/CS/M&A) Courses.
Observation: Approved
 9. **Item:** Curriculum and Syllabus design of B. Sc II and III Year
Observation: Approved.
 10. **Item:** Removal of subject code conflicts in MCA curriculum 2016-17
Observation: Approved.
- The meeting ended with vote of thanks to the chair.

List of Members is attached.


(Member Secretary)

BoS Member present on 30/05/2017

Dean-CET (Chairman)	
Prof. Anil Kumar (Member)	
Dr. A. Senthil (Member)	
Prof. M. Bundele, Poornima University (External Academic Expert)	
Ms. Anuka A Kumar, IBM (External Industry Expert)	Could not make it.
Dr. Sunil Kumar (Member) Secretary	
Dr. Atul Kumar (Special Invitee)	AA 30.5.17

Praveen Bishnoi

Praveen
30.5.17

Date: 31.08.2016

Minutes of Meeting

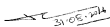
A meeting of Board of Studies (BOS) was held on 31st August 2016, Wednesday in Conference Room ABB, with following points on agenda:

1. To consider the recommendations of APC regarding B. Tech (CSE) 4th year syllabus.
2. To deliberate and comment on the B. Tech (CSE) 3rd year under CBCS.
3. To deliberate on Ph. D course CS702.

The following decisions were taken:

1. The revised structure and curriculum of B. Tech (CSE) 4th year has been passed by BOS as recommended by APC to be offered w.e. f. 2017-18.
2. The subject Computer Organization and Architecture has been added in B. Tech (CSE) 2nd year structure with the code CS 14.208 w.e.f. Spring 2016-17.
3. The subject Microprocessor and Assembly Language Programming and Microprocessor and Assembly Language Programming Lab are now included in B. Tech (CSE) 3rd year structure with code CS 14.309 and CS14.359 respectively w.e.f. Autumn 2017-18.
4. Under Choice Based Credit System (CBCS), Mody University elective has been included in B. Tech (CSE) 3rd year from Academic session 2017-18.
5. The subject CS 702 Advances in Computer Science and Engineering has been introduced in Ph.D. course.

Members Present:

1. Prof. V.K. Jain 
2. Prof. Anil Kumar 
3. Dr. Sunil Kumar 
4. Dr. A. Senthil 

Members granted leave of absence:

1. Dr. Rahul Banerjee
2. Ms. Aparna Sarogi

Minutes of the meeting of BoS (Computer Science and Engineering) held on
16.04.2016 at 11:00 AM in conference room

The meeting started with welcome to the chair. The following proposals of the APC were discussed by the members.

Items:

1. B. Tech. (CSE) spl BDA 1st year curriculum structure (New course proposal)
2. B. Tech. (CSE) 2nd year (Introduction of CBCS/Mody University Elective)
3. B. Tech. (CSE) 3rd year (Revision for rationalizing the teaching hours, putting the courses in correct sequence and updating the course contents)

The proposals were passed with following suggestions:

- Increase the number of credits of DAA lab (CS14.351) in B. Tech. 3rd year from one to two.
- Add Computer Network Laboratory (CS14.356) in B. Tech. 3rd year.
- Include one elective from other department (EC 14.305) to enrich the list of electives in B. Tech. 3rd year.

Prof. Rahul Banerjee and Ms. Aparna Saroagi could not attend the meeting and granted leave of absence.

The meeting ended with vote of thanks to the chair.

Mody University of Science and Technology, Lakshmangarh
College of Engineering and Technology

Minutes of Board of Studies (Department of Computer Science and Engineering) meeting held
on 19.10.2015 at 10:00 AM.

Agenda: To deliberate the recommendations of the APC held on 14.10.2015

The agenda was put before the committee by the secretary, BoS along with the details. The committee discussed various aspects of the proposed Curriculum of M. Tech. (CSE) part-time and approved the recommendations of the APC.

The meeting ended with vote of thanks to the chair.

Members present:

Prof. J. V. Desai (Chairman) 

Prof. Anil Kumar 

Prof. S. K. Lenka 

Mr. N. Saxena 

Mr. Shamik Tiwari 

Dr. Sunil Kumar (Member Secretary) 

Leave of absence granted to:

Prof. Rahul Banerjee (External Academic Expert)

Ms. Aparna Sarogi (Industry Expert)

Board of Studies (BOS) meeting of Dept. of Computer Science & Engineering

Date: 17/09/2013 at 3:30 P.M.

Venue: Conference room, FET.

BOS Members

1. Prof. J.V. Desai, Dean & Chairperson DD
2. Prof. Prema K.V., Head & Co-chairperson Prema
3. Prof. S.R. Biradar, Member S.R. Biradar
4. Dr. Manoj kr. Rawat, Member - NA
5. Mr. Shamik Tiwari, Member Sham
6. Ms. S.S. Verma, Member SSV
7. Ms. Aditi Kajala, Member Aditi
8. Dr. Sanjay kr. Jain, Member - absent
9. Ms. Monika Katoch, Member - absent

PARC
20/09/13

① M. Tech CSE
② BTMT

2014-15

CSE

Mody Institute of Technology & Science, Lakshmangarh

Faculty of Engineering & Technology

Minutes of the meeting of Board of Studies (BOS) of Department of Computer Science & Engineering held on 17/09/2013 at 3:30 P.M. in conference room of new FET building.

Members present:

1. Prof. J.V. Desai, Dean & Chairperson
2. Prof. Prema K.V., Head & Co-chairperson
3. Prof. S.R. Biradar, Member
4. Mr. Shamik Tiwari, Member
5. Ms. S.S. Verma, Member
6. Ms. Aditi Kajala, Member

Following members could not attend the meeting:

1. Dr. Sanjay kr. Jain, Member
2. Ms. Monika Katoch, Member

1. The revised curriculum structure and syllabi of two year M.Tech. (CSE) program was discussed and finalized. BOS chairman advised to remove the courses Advanced Techniques in Operation Research(MA 551) and Advanced Graph Theory(MA 552) from the list of electives.
2. The curriculum structure and syllabi of third year Integrated B.Tech + M.Tech CSE was discussed and finalized. It was decided to remove the course Digital Image Processing Laboratory (CS426) from 6th semester so that the number of credits do not exceed 28. It was decided to remove the courses Cellular and Satellite Communication (EC 404), and Microcontroller and Embedded Systems (EC 420) from Elective-I list. It was decided to include a new course Embedded Systems(EC 341) in consultation with EC dept. HOD. Except Embedded Systems course all other course codes and the corresponding syllabi have already been approved for B.Tech CSE(vide 19th senate dated 20-11-2012) and the same will be followed for Integrated B.Tech+M.Tech CSE.

The meeting ended with a vote of thanks to the chair.

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology

Minutes of the meeting of Board of Studies (BOS) of Department of Computer Science & Engineering held on 08/01/2013 at 3:30 P.M. in conference room of new FET building.

Members present:

1. Prof. J.V. Desai, Dean & Chairperson
2. Prof. Prema K.V., Head & Co-chairperson
3. Prof. S.R. Biradar, Member
4. Mr. Shamik Tiwari, Member
5. Ms. S.S. Verma, Member
6. Ms. Aditi Kajala, Member

Following members could not attend the meeting:

1. Dr. Sanjay kr. Jain, Member
2. Ms. Monika Katoch, Member

Agenda : To make minor corrections in the 2nd year Integrated B.Tech+M.Tech CSE course structure.

1. Title of the course Colloquium(CS 234) will be replaced as Colloquium-I so as to keep parity with the title of same course code in B.Tech CSE.
2. It was observed that the course MT202 Organizational Behaviour and Management Practices is appearing in both 2nd and 3rd semester. Students are studying this course currently in 2nd semester. BOS chairman suggested to shift computer organization course(CS216) from 4th semester to 3rd semester. The modified structure is enclosed.

The meeting ended with a vote of thanks to the chair.

[Signature]
9/1/13



Mody Institute of Technology & Science, Lakshmangarh

Faculty of Engineering & Technology

Minutes of the meeting of Board of Studies (BOS) of Department of Computer Science & Engineering held on 12/09/2012 at 3:30 P.M. in conference room of new FET building.

Members present:

1. Prof. J.V. Desai, Dean & Chairperson
2. Prof. Prema K.V., Head & Co-chairperson
3. Prof. S.R. Biradar, Member
4. Dr. Manoj kr. Rawat, Member
5. Mr. Shamik Tiwari, Member
6. Ms. S.S. Verma, Member
7. Ms. Aditi Kajala, Member

Following members could not attend the meeting:

1. Dr. Sanjay kr. Jain, Member
2. Ms. Monika Katoch, Member

The curriculum structure and syllabus of B.Tech. (CSE) program for third and fourth year were discussed and finalized in the meeting with few revisions. The details are:

1. The committee recommended to include computer science as proficiency for third year spring semester students, which contains multiple choice questions related to field of computer science & engg.
2. Prof. J.V. Desai suggested to look into the possibility of introducing Computer Programming & Utilization (CPU) subject for first year students.
3. Members suggested that Pattern Recognition (CS 362) must be in list of Elective II or Elective III.
4. The committee agreed to replace VLSI design subject by Embedded Systems from list of Elective I.
5. The chair asked to change L-T-P-C of electives from 3-1-0-3 to 4-0-0-4. Accordingly it is changed for all newly introduced electives with CS code.
6. Members pointed out that syllabus of elective subject Web Application Development and Management needs slight modifications.
7. It is decided that number of experiments in laboratory must be more than sixteen to execute three contacts hours per week.
8. The committee decided to introduce IBM supported elective courses Enterprise Computing I and Enterprise Computing II for the 2009-10 B.Tech(CSE) batch as well as 2011-12 B.Tech(CSE) batch in the fourth year.

The meeting ended with a vote of thanks to the chair.

E50
(26)

Inter Office Memo

Fm: Registrar, MITS	To: Dean, FET
------------------------	------------------

Ref: M-2B

Date: 04.09.2012

Subject: Constitution of BOS

Kindly refer to your e-mail dated 29th Aug, 2012 regarding the subject cited above forwarding therewith the constitution of Boards of Studies of various departments of your Faculty.

Approval is hereby accorded to the constitution of the Boards of Studies of the following departments as forwarded by you:

1. Department of Computer Science & Engineering
2. Department of Electronics & Communication Engineering
3. Department of Information Technology
4. Department of Mechanical Engineering
5. Department of Science & Humanities
6. Department of Master of Computer Applications

However, two members each are to be co-opted from the Faculty of Management Studies in consultation with Dean, FMS in the Boards of Studies of the ECE Department and IT Department who may attend the meeting of these Departments whenever any matter pertaining to MBA Tech. ECE and MBA Tech. CSE Programme is to be discussed. Names of the co-opted members may please be intimated to this office.

Furthermore, the constitution of the combined Board of Studies of your Faculty has also been approved as under:

1. Prof. J.V. Desai, Dean FET - Chairman

Members:

2. Prof. Prema K V, HoD, CSE Department
3. Prof. B.P. Singh, HoD, ECE Department
4. Prof. S.K. Lenka, HoD, IT Department
5. Prof. A. K. Chattopadhyay, HoD, ME, Department
6. Prof. Amit Mukherjee, HoD, Science & Humanities Department
7. Prof. A.K. Sharma, HoD, MCA Department

Forwarded for your kind information and further necessary action, please.


Registrar
04/09/12

Faulty of Engineering & Technology

BOS Constitution

S.N.	Constituency	Computer Science & Engineering Department
1.	Chairperson- Dean of the Faculty	Prof. JV Desai
2.	Co-Chairperson - Head of the Department	Prof. Prema K. V.
3.	All Professors of the Department	Prof. S.R. Biradar
	Two Associate Professors (Nominate Assistant Professor, in case there is no Associate Professor) of the Department by rotation of seniority, for a period of Max. 2 years	Mr. M K Rawat Mr. Shamik Tiwari
	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Ms. Aditi Kajala Mr. S. S. Verma
4.	Experts from relevant field of academics	Dr. Sanjay Kumar Jain, NIT Kurukshetra
5.	Experts from Industry	Ms. Monika Katoch (IBM), Noida

S.N.	Constituency	Electronics & Communication Engineering Department
1.	Chairperson- Dean of the Faculty	Prof. JV Desai
2.	Co-Chairperson - Head of the Department	Prof. B.P. Singh
3.	All Professors of the Department	Prof. P.K. Ghosh Prof. M.K. Jha Prof. P.P. Bhattacharya Prof. S.M. Sharma Prof. Aruna Sharma Prof. Alok Kole
4.	Two Associate Professors (Nominate Assistant Professor, in case there is no Associate Professor) of the Department by rotation of seniority, for a period of Max. 2 years	Mr. Yogesh Mishra Mr. K.G. Sharma
5.	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Mr. Kapil Gupta Mr. S.K. Jha
6.	Experts from relevant field of academics	Prof. S.D. Joshi, IIT, Delhi
7.	Experts from Industry	Mr. N.K. Bhatnagar, REIL, Jaipur

762
on/07/12
80/8

S. No.	Constituency	Information Technology Department
1.	Chairperson- Dean of the Faculty	Prof. J.V. Desai
2.	Co-Chairperson - Head of the Department	Prof. S.K. Lenka
3.	All Professors of the Department	-
4.	Two Associate Professors (Nominate Assistant Professor, in case there is no Associate Professor) of the Department by rotation of seniority, for a period of Max. 2 years	Mr. S.K. Vasistha Mr. P.K. Bishnoi
5.	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Mr. Anand Sharma Ms. Sheena Kohli
6.	Experts from relevant field of academics	Prof. M.C. Govil, NIT, Jaipur
7.	Experts from Industry	Ms. Monika Katoch, IBM, Noida

S. No.	Constituency	Mechanical Engineering Department
1.	Chairperson- Dean of the Faculty	Prof. J.V. Desai
2.	Co-Chairperson - Head of the Department	Prof. A.K. Chattopadhyay
3.	All Professors of the Department	Prof. N.K. Joshi
4.	Two Associate Professors (Nominate Assistant Professor, in case there is no Associate Professor) of the Department by rotation of seniority, for a period of Max. 2 years	Dr. Kamal Kishore Khatri Mr. Nitin Baruaole
5.	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Mr. Vikrant Sharma Mr. Atul Kumar
6.	Experts from relevant field of academics	Dr. N.N.Sharma, Associate Professor, BITS-Pilani
7.	Experts from Industry	Mr. Sachdev


 02/09/12 30/8

S. No.	Constituency	Science & Humanities Department
1.	Chairperson- Dean of the Faculty	Prof. J.V. Desai
2.	Co-Chairperson - Head of the Department	Prof. Amit Mukherjee
3.	All Professors of the Department	Prof. K. Singh Prof. V.P. Shukla Prof. A.K. Das
4.	Two Associate Professors of the Department by rotation of seniority, for a period of Max. 2 years	Dr. Harshita Sachdeva Dr. Arvind Maharshi
5.	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Mr. Giriraj Kiradoo Dr. Manoj Mishra
6.	Experts from relevant field of academics	Prof. Ashok Kumar Ganguly, Department of Chemistry, IIT-Delhi
7.	Experts from Industry ,	-

S. No.	Constituency	Master of Computer Application Department
1.	Chairperson- Dean of the Faculty	Prof. J.V. Desai
2.	Co-Chairperson - Head of the Department	Prof. A.K. Sharma
3.	All Professors of the Department	-
4.	Two Associate Professors (Nominate Assistant Professor, in case there is no Associate Professor) of the Department by rotation of seniority, for a period of Max. 2 years	Ms. Shally Ms. Monika Singh
5.	Two Assistant Professors of Department by rotation of seniority, for a period of Max. 2 years	Ms. Akanksha Sharma Ms. VijayLaxmi
6.	Experts from relevant field of academics	Prof. Dhaminder Singh, GJU, Hisar
7.	Experts from Industry	Ms. Monika Katoch, IBM-Noida


 24/05/12


 27/5/12



MODY
UNIVERSITY

LAKSHMANGARH - RAJASTHAN
A Leading Women's University



SCHOOL OF ENGINEERING AND TECHNOLOGY

Lakshmanagarh(Sikar), Rajasthan - 332311

Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean.set@modyuniversity.ac.in

www.modyuniversity.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING/BIOMEDICAL ENGINEERING

NOTICE

16 December, 2019

(AGENDA ITEMS)

A meeting of the Board of Studies (UG) of Electronics and Communication Engineering/ Biomedical Engineering Department will be held on 21 December, 2019 at 11:00 AM in the Conference Room of AB Building to discuss and finalize the following Agenda Items.

1. To finalize the curriculum and syllabi of proposed new course "B.Tech.- Electronics and Computer Engineering" to be effective from the academic session 2020-21.
2. To finalize the curriculum and syllabi of first two years of the proposed new course "B.Tech.- Bioengineering" to be effective from the academic session 2020-21.
3. Any other matter with the permission of the Chair.

Members:

- | | |
|--|-----------------------------|
| 1. Prof. V.K.Jain, Dean-Academics | (Chairman) |
| 2. Dr. Rajeev Pourush | (Member) |
| 3. Dr. Sandeep Jaiswal | (Member) |
| 4. Dr. Gaurav Dhiman | (Member) |
| 5. Dr. Satyajit Anand | (Member) |
| 6. Dr. Jeetu Sharma | (Member) |
| 7. Dr. Purnima Sharma | (Member) |
| 8. Dr. Manish Kumar | (Member) |
| 9. Dr. A. Senthil , Dept. of CSE | (Special Invitee) |
| 10. Dr. Praneet Saurabh, Dept. of CSE | (Special Invitee) |
| 11. Dr. R. S. Chudawat, Dept. of Biotechnology | (Special Invitee) |
| 12. Dr. Lava Bhargava, Professor -Dept. of ECE,
MNIT, Jaipur. | (External Member- Academic) |
| 13. Mr. Amit Pareek, IBM | (External Member-Industry) |

Dr. Ranjana Thalore
(Member Secretary, BOS)

ECE



MODY
UNIVERSITY
LAKSHMANGARH - RAJASTHAN

A Leading Women's University



SCHOOL OF ENGINEERING AND TECHNOLOGY

Lakshmangarh(Sikar), Rajasthan - 332311

Ph: (01573)-225001-(12 Lines), Fax: (01573)-225042

Email: dean_sot@modyuniversity.ac.in

www.modyuniversity.ac.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING/BIOMEDICAL ENGINEERING

21/12/19

BOARD OF STUDIES (BOS) MEETING

ATTENDANCE

1. Prof. V.K.Jain, Dean-Academics
2. Dr. Rajeev Pourush
3. Dr. Sandeep Jaiswal
4. Dr. Gaurav Dhiman
5. Dr. Satyajit Anand
6. Dr. Jeetu Sharma
7. Dr. Purnima Sharma
8. Dr. Manish Kumar
9. Dr. A. Senthil , Dept. of CSE
10. Dr. Praneet Saurabh, Dept. of CSE
11. Dr. R. S. Chudawat, Dept. of Biotechnology
12. Dr. Lava Bhargava, Professor -Dept. of ECE, MNIT, Jaipur.
13. Mr. Amit Pareek, IBM
14. Dr. Ranjana Thalore

(Chairman) *[Signature]*

(Member) *[Signature]*

(Member) *[Signature]*

(Member) *[Signature]*

(Member) *[Signature]*

(Member) *[Signature]*

(Member) *[Signature]*

(Special Invitee) *[Signature]*

(Special Invitee) *[Signature]*

(Special Invitee) *[Signature]*

(Special Invitee) *[Signature]*

(External Member- Academic) *[Signature]*

(External Member-Industry) *[Signature]*

(Member Secretary) *[Signature]*

ABSENT

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING/BIO MEDICAL ENGINEERING

BOARD OF STUDIES (BOS) MEETING

21/12/19

MINUTES OF MEETING (MOM)

A meeting of Board of Studies (BOS) of Electronics and Communication Engineering/ Biomedical Engineering Department was held on 21 December, 2019 at 11:00 AM in Conference Room, ABB. The following members were present:

Members present:

1. Prof. V.K.Jain, Dean-SET
2. Dr. Rajeev Pourush
3. Dr. Sandeep Jaiswal
4. Dr. Gaurav Dhiman
5. Dr. Satyjit Anand
6. Dr. Jeetu Sharma
7. Dr. Purnima Sharma
8. Dr. Harish Kumar
9. Dr. A. Senthil, Dept. of CSE
10. Dr. Pranee Saurabh, Dept. of CSE
11. Dr. R. S. Chudawat, Dept. of Biotechnology
12. Dr. Lava Bhargava, Professor -Dept. of ECE, MNIT, Jaipur.

(Chairman)

(Member)

(Member)

(Member)

(Member)

(Member)

(Member)

(Member)

(Special Invitee)

(Special Invitee)

(Special Invitee)

(External Member- Academic)

Mr. Amit Pareek of IBM (External member, Industry) could not attend the meeting.

Minutes:

1. The members of BOS approved the curriculum and syllabi of proposed course "B.Tech.- Electronics and Computer Engineering" to be effective from the academic session 2020-21.
2. The members of BOS approved the curriculum and syllabi for first two years of the proposed course "B.Tech.-Bioengineering" to be effective from the academic session 2020-21.
3. The BOS directed to place all the approvals before the next UGPC.

Meeting ended with vote of thanks to the Chair.

Prof. (Dr.) V. K. Jain
Dean-SET,
Chairman - BOS

Dr. Ranjana Thalore
(Member Secretary, BOS)

Copy to:

1. Head - Dept. of ECE, BME
2. All members above

October 26, 2018

BOARD OF STUDIES MEETING

Meeting of the Board of Studies (B.O.S) in **Electronics & Communication Engineering/Biomedical Engineering** Department was held on 26th October, 2018 at 2:00 PM in the Conference Room of AB Building.

Members present:

1. Prof. V.K Jain (Chairman) 
2. Prof. P. P. Bhattacharya (Member) 
3. Dr. Rajeev Pourush (Member) 
3. Dr. Sandeep Jaiswal (Member) 
6. Mr. Satyajit Anand (Member) 
7. Ms. Suneetha Rikhari (Member) **ABSENT**
8. Dr. Gaurav Dhiman - Special invitee 
9. Ms. Uma Nirmal (Member Secretary) 
10. Prof. (Dr.) Rahul Banerjee, Director, LNM Institute of Information Technology (LNMIIT), Jaipur (External Member) 



MODY

A Leading Women's University

School of Engineering and Technology (SET)

Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No.: (1573) 225001-12 • Fax: (01573) 225042

email: dean.set@modyuniversity.ac.in • www.modyuniversity.ac.in

Minutes of Meeting, BOARD OF STUDIES (BOS)

26.10.2018

Minutes of meeting of the Board of Studies in **Electronics & Communication Engineering / Biomedical Engineering** Department which was held on 26.10.18.

Minutes

1. The course curriculum of B.Tech. **Electronics and Communication Engineering** for 2019-20 entry batch is approved and further recommended to UGPC.
2. The course curriculum of B.Tech. **Biomedical Engineering** for 2019-20 entry batch is approved and further recommended to UGPC.
3. The course curriculum of M.Tech. **VLSI Design** for 2019-20 entry batch is approved and further recommended to PGPRC.

Uma Nirmal

(Member Secretary, BOS)

Prof. (Dr.) V.K. Jain

Dean-SET,

Chairman- BOS

NOTICE

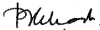
April 24, 2017

A meeting of the **Board of Studies (UG & PG) - Electronics & Communication Engineering Department** will be held on 27 April 2017 at 11:30 AM in the conference room of AB Building to discuss and finalize the following Agenda items.

1. To confirm the minutes of the last meeting of BOS and action taken if any.
2. To finalize the course structure and course curriculum of **Third year** of the 4-year B.Tech program in Electronics and Communication Engineering (for the session beginning from 2015 – 16).
3. To finalize the course structure and course curriculum of **Fourth year** of the 4-year B.Tech program in Electronics and Communication Engineering (for the session beginning from 2015 – 16).
4. To approve the Specialization Electives of ECE program to be offered in fifth, sixth, and seventh semester.
5. Any other matter with the permission of the Chair.

Members:

1. Prof. V. K. Jain (Chairman)
2. Prof. P. K. Ghosh (Member)
3. Prof. P. P. Bhattacharya (Member)
4. Mrs. Uma Nirmal (Member), Special Invitee
5. Dr. Rajeev Pourush (Member)
6. Mr. Gaurav Dhiman (Member), Special Invitee
7. Dr. S. C. Bose, Scientist, IC Design Group, CEERI, Pilani (External Member-Academic)
8. Mr. N. K. Bhatnagar, DGM, Rajasthan Electronics & Instruments Limited, Jaipur (External Member-Industry)
9. Member Secretary – Mrs. Uma Nirmal



P. K. Ghosh **24-04-2017**
(on behalf of Member Secretary)

College of Engineering and Technology, Lakshmangarh

April 27, 2017

Minutes of the meeting of the Board of Studies (B.O.S) in Electronics & Communication Engineering held on 27. 04. 2017.

Members present:

Prof. P. K. Ghosh, Prof. P. P. Bhattacharya, Mrs. Uma Nirmal, Dr. Rajeev Pourush, Mr. Gaurav Dhiman.

External Members – Academic & Industry could not attend the meeting.

Minutes:

1. The minutes of the meeting of BOS in ECE held on 11 January 2017 were confirmed.
2. The members of BOS noted the course structure and course curriculum of **Third year** of the 4-year B.Tech program (session beginning in 2015 – 16) in Electronics and Communication Engineering and approved the same as in the attachment.
3. The members of BOS noted the course structure and course curriculum of **Fourth year** of the 4-year B.Tech program (session beginning in 2015 – 16) in Electronics and Communication Engineering and approved the same as in the attachment.
4. In view of the specializations in three tracks, namely, Telecommunication Systems and Networks, VLSI & Embedded System, and Robotics, the committee approves the decision of the APC meeting as follows.
 - (i) The course structure up to second year (4th semester) will be similar for all the specialization tracks and same as regular courses.
 - (ii) There will be three electives in the name of Specialization Elective in each of fifth semester (Specialization Elective I), sixth semester (Specialization Elective II) and seventh semester (Specialization Elective III).
 - (iii) Students opting for specialization in any of the tracks should have to take Electives of that specialization track only for all Specialization Electives.
 - (iv) Students NOT opting for any specialization (opting for Regular course) can choose any specialization course out of any track in the particular semester.
5. The BOS directed to place all the approvals before the next UGPC.

Meeting ended with vote of thanks to the Chair.

P. K. Ghosh

✓ Member Secretary

Copy to:

Chairman – BOS in ECE, Head – ECE, All members above

NOTICE

January 9, 2017

A meeting of the **Board of Studies (UG & PG) - Electronics & Communication Engineering Department** will be held on 11 January 2017 at 3:00 PM in the conference room of AB Building to discuss and finalize the following Agenda items.

1. To confirm the minutes of the last meeting of BOS and action taken if any.
2. To finalize the course structure and course curriculum of **Third year** of the 4-year B.Tech program in Biomedical Engineering.
3. To remove the ambiguity in the course code CS-14.303 Computer Networks (credit 3)
4. Any other matter with the permission of the Chair.

Members:

1. Prof. V. K. Jain (Chairman)
2. Prof. P. K. Ghosh (Member)
3. Prof. P. P. Bhattacharya (Member)
4. Mrs. Uma Nirmal (Member), Special Invitee
5. Dr. Rajeev Pourush (Member)
6. Mr. Gaurav Dhiman (Member), Special Invitee
7. Dr. S. C. Bose, Scientist, IC Design Group, CEEERI, Pilani (External Member-Academic)
8. Mr. N. K. Bhatnagar, DGM, Rajasthan Electronics & Instruments Limited, Jaipur (External Member-Industry)
9. Prof. Vijay Vaidyanathan, Professor of UNT, Special Invitee
10. Head, Computer Science and Engineering (CET) or his Nominee, Special Invitee
11. Member Secretary – Mrs. Uma Nirmal



P. K. Ghosh
(on behalf of Member Secretary)

College of Engineering and Technology, Lakshmangarh

Meeting of the Board of Studies (B.O.S) in Electronics & Communication Engineering department held on 11. 01. 2017 at 03:00 PM in the Conference Room of AB Building.

Members present:

1. Prof. V. K. Jain (Chairman) 
2. Prof. P. K. Ghosh (Member) 
3. Prof. P. P. Bhattacharya (Member) 
4. Mrs. Uma Nirmal (Member) 
5. Dr. Rajeev Pourush (Member) 
6. Mr. Gaurav Dhiman (Member) 
7. Dr. S. C. Bose, Scientist, IC Design Group, CEERI, Pilani (External Member-Academic)
8. Mr. N. K. Bhatnagar, DGM, Rajasthan Electronics & Instruments Limited, Jaipur (External Member-Industry)
9. Prof. V. Vaidyanathan 
10. Nominee of Head - CSE 
11. Dr. U. Padmaja 

P. K. Ghosh

(on behalf of Member Secretary)

College of Engineering and Technology, Lakshmangarh

January 11, 2017

Minutes of the meeting of the Board of Studies (B.O.S) in Electronics & Communication Engineering held on 11.01.2017.

Members present:

Dr. V. K. Jain (Chairman), Prof. P. K. Ghosh, Prof. P. P. Bhattacharya, Mrs. Uma Nirmal, Dr. Rajeev Pourush, Mr. Gaurav Dhiman, Prof. Vijay Vaidyanathan (special invitee), Dr. S. K. Vasistha (special invitee), Dr. U. Padmaja (special invitee)

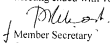
Dr. S. C. Bose, Scientist, IC Design Group, CEERI, Pilani (External Member-Academic) and Mr. N. K. Bhatnagar, DGM, Rajasthan Electronics & Instruments Limited, Jaipur (External Member-Industry) could not attend the meeting.

Minutes:

1. The minutes of the meeting of BOS in ECE held on 2nd Sept 2016 were confirmed.
2. The members of BOS noted the course structure and course curriculum of **Third year** of the 4-year B.Tech program (session beginning in 2015 - 16) in Biomedical Engineering and approved the same as in the attachment.
3. The BOS noted the course structure and course curriculum of **Second year** of the 4-year B.Tech program (session beginning in 2015 - 16) in Biomedical Engineering and suggested the following.

In the course named, Basic Clinical Sciences - I course code BM-15.203, the topics Cardiology (module 5), Cardiac Assist Devices (module 6) and General Surgery (module 7) are required to be shifted from Second Year Spring Semester to Third Year Autumn Semester. In the place of those modules, Orthopaedics, Pathology, Anaesthesia, and Thyroid Function Studies will be included. The complete course is as follows.
4. In the Spring semester of Third year of 4-year B.Tech ECE program (session beginning in 2014 - 15), the subject Computer Networks entered with the course code CS-14.303. The course code will be CS-14.313.
5. The BOS directed to place all the approvals before the next UGPC.

Meeting ended with vote of thanks to the Chair.


Member Secretary

Copy to:

Chairman - BOS in ECE, Head - ECE, All members above



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act, 1956)

College of Engineering and Technology
Lakshmanagarh, Sikar -332311 (Rajasthan)
Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042
Website: www.modyuniversity.ac.in

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 27-05-2016 in the Conference Room of ABB

Members Present

Prof. M. K. Jha, Chairman

Prof. N. K. Joshi, HOD

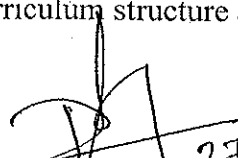
Mr. G. Divya Deepak

Mr. Manish Kumar – Non Member Secretary

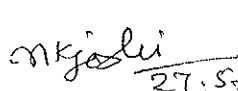
Agenda: Change in the course structure and detailed syllabus for two year M. Tech. (Nuclear Science & Technology) program from the academic session 2016-17 onwards

Deliberations:

It was agreed that the course code for this program will start with NU instead of NE in the proposed curriculum structure. HOD informed the members that the proposed curriculum structure and detailed syllabus have also been discussed informally with Prof. R. K. Shivpuri, Adjunct Professor. The new courses introduced are “Radiation Technology and its applications”, “Nuclear waste storage and management” and “Integrated engineering lab” to give a wider exposure to students. The course like “Nuclear Power Plant Operation and Control” has been dropped. Members discussed in depth about the proposed curriculum structure and detailed syllabus for 2- year M. Tech (Nuclear Science and Technology) program from the academic session 2016-2017 onwards. It was agreed by all members present to put the proposed curriculum structure and detailed syllabus to coming PGRPC meeting for approval.


(Manish Kumar)

Non Member Secretary


(Prof. N. K. Joshi)

HOD, NST


(Prof. M. K. Jha)

Associate Dean, CET- Chairman



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act. 1956)

College of Engineering and Technology

Lakshnangarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

Website: www.modyuniversity.ac.in

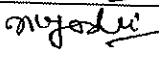
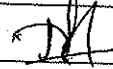
Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 27-05-2016

Time: 10.30 AM Venue: Room: F-302, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. M. K. Jha, Associate Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 27.5.16
3	Mr. G. Divya Deepak	
4	Mr. Manish Kumar - Non Member Secretary	 27.5.16



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act. 1956)

College of Engineering and Technology

Lakshunagarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

Website: www.modyuniversity.ac.in

Department of Nuclear Science & Technology

CET/BOS/NST/2016

Date: 18-05-2016

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 27th May, 2016 at 10.30 AM in the Room no. F-302 of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss about changing the course structure and detailed new syllabus of 2- year M. Tech (Nuclear Science & Technology) program from the academic year 2016-17 onwards.


18/5/16

(Prof. N. K. Joshi)

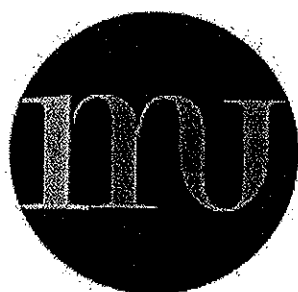
HOD, Nuclear Science & Technology

Copy to

1. Dean, CET with a request to chair the meeting
2. Mr. G. Divya Deepak
3. Mr. Manish Kumar

Mody University of Science & Technology, Lakshmangarh (Sikar)

College of Engineering & Technology



**MODY
UNIVERSITY**

LAKSHMANGARH • RAJASTHAN

Department of Nuclear Science & Technology (NST)

Course structure for

M. Tech. (Nuclear Science & Technology)

for the academic year 2016-17 Onwards

**Course structure for
M. Tech. (Nuclear Science & Technology)
(2016-2017 onwards)**

SEMESTER I			SEMESTER II		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
MA 521	Engineering Mathematics & Numerical Analysis	4	NU 502	Nuclear Power Engineering	4
NU 501	Quantum Mechanics & Electrodynamics	4	NU 504	Plasma Physics and Nuclear Fusion	4
NU 503	Nuclear Physics	4	NU 506	Nuclear Engineering Materials	4
NU 505	Nuclear Reactor Theory	4	NU 508	Fluid dynamics & Heat Transfer	4
NU 507	Radiation Physics & Instrumentation	4	NU 510	Radiation Technology and its applications	4
NU 509	Simulations Methods	2	NU 512	Nuclear Measurement Lab	3
NU 511	Modeling & Simulation Lab	2	NU 514	Plasma Lab	1
NU 513	Integrated Engineering Lab	2			
	TOTAL	26		TOTAL	24
SEMESTER III			SEMESTER IV		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
NU 601	Fast Breeder Reactor	3	NU 610	Final dissertation	22
NU 603	Nuclear Waste Storage and Management	3			
NU 605	Nuclear security, safety and safeguards	3			
NU 607	Seminar	2			
NU 609	Preliminary Dissertation	10			
	TOTAL	21		TOTAL	22
Total Credits Points are		93			

Approved by EOPRC & Academic Council.

m.joshi

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2016 – 2017 onwards)

First Year- First Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	MA 521	Engineering Mathematics and Numerical Analysis	3	1	0	4	3	10	40	50
	NU 501	Quantum Mechanics & Electrodynamics	3	1	0	4	3	10	40	50
	NU 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NU 505	Nuclear Reactor Theory	3	1	0	4	3	10	40	50
	NU 507	Radiation physics and Instrumentation	3	1	0	4	3	10	40	50
	NU 509	Simulation Methods	2	0	0	2	3	10	40	50
	NU 511	Modeling & Simulation Lab	0	0	4	2	2	20	40	40
	NU 513	Integrated Engineering Lab	0	0	4	2	2	20	40	40
Sub Total			17	5	8	26				

\$ The students will be encouraged to enroll in French Language classes in the first year of M. Tech. Program.

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2016 -2017 onwards)
First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Spring Semester	NU 502	Nuclear Power Engineering	3	1	0	4	3	10	40	50
	NU 504	Plasma Physics and Nuclear Fusion	3	1	0	4	3	10	40	50
	NU 506	Nuclear Engineering Materials	3	1	0	4	3	10	40	50
	NU 508	Fluid flow and Heat Transfer	3	1	0	4	3	10	40	50
	NU 510	Radiation Technology and its applications	3	1	0	4	3	10	40	50
	NU 512	Nuclear Measurement Laboratory	0	0	6	3	2	20	40	40
	NU 514	Plasma Laboratory	0	0	2	1	2	20	40	40
	Sub Total		15	5	8	24				

^ The students may choose to do a summer project/ training, however it is optional. The student doing a summer project will be given a certificate.

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2016 – onwards)
Second Year- Third Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NU 601	Fast Breeder Reactor	2	1	0	3	3	10	40	50
	NU 603	Nuclear Waste Storage and Management	2	1	0	3	3	10	40	50
	NU 605	Nuclear safety and security	2	1	0	3	3	10	40	50
	NU 607	Seminar	0	0	0	2		100		
	NU 609	Preliminary Dissertation	0	0	0	10		100		
Sub Total			6	3	0	21				

Second Year- Fourth Semester

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NU 610	Final Dissertation	0	0	0	22	-	100		

Total credits: 26+24+21+22=93

CW* -- Class assignment, **MTE*** - Two Mid- Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

No. FET/ BOS-2/13

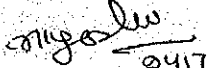
Date: 24-07-2013

NOTICE

A Board of studies, Department of Nuclear Science & Technology meeting will be held on 25th July, 2013 at 10.00 AM in the Room no. F-502 of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss and finalize the changes to be made in the curriculum structure of First year of 2- year M. Tech (NST) program for the academic year 2013-14 onwards


(N. K. Joshi)
HOD, NST

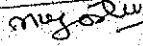
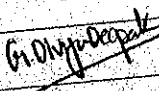
Copy to

1. Dean, FET with a request to chair the meeting
2. Prof. R. K. Shivpuri
3. Mr. G. Divaya Deepak

Mody Institute of Technology & Science, Lakshmangarh.
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Board of studies meeting, Nuclear Science & Technology Department
Date: 25-07-2013 Time: 10.00 AM Venue: Room: F-502, New FET Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. J. V. Desai, Dean- Chairman	 25/7/13
2	Prof. N. K. Joshi, HOD	 25/7/13
3	Prof. R. K. Shrivastava	—
4	Mr. G. Divya Deepak - Non Member Secretary	

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2013 – onwards)
First Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	Sub Total			17	5	4	24			
Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	Sub Total			15	5	8	24			
Summer Project						2		100		

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2013 – onwards)
Second Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10		100		
	Sub Total		6	2	0	20				

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 602	Final Dissertation	0	0	0	20	-	100		

Total credits: 24+24+2+20+20=90

CW* -- Class assignment, MTE* - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 1(f) of the UGC Act, 1956)

College of Engineering and Technology
Lakshmanagarh, Sikar -332311 (Rajasthan)
Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042
Website: www.modyuniversity.ac.in

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology

Department held on 27-05-2016 in the Conference Room of ABB

Members Present

Prof. M. K. Jha, Chairman

Prof. N. K. Joshi, HOD

Mr. G. Divya Deepak

Mr. Manish Kumar – Non Member Secretary

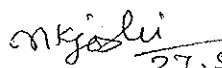
Agenda: Change in the course structure and detailed syllabus for two year M. Tech. (Nuclear Science & Technology) program from the academic session 2016-17 onwards

Deliberations:

It was agreed that the course code for this program will start with NU instead of NE in the proposed curriculum structure. HOD informed the members that the proposed curriculum structure and detailed syllabus have also been discussed informally with Prof. R. K. Shivpuri, Adjunct Professor. The new courses introduced are "Radiation Technology and its applications", "Nuclear waste storage and management" and "Integrated engineering lab" to give a wider exposure to students. The course like "Nuclear Power Plant Operation and Control" has been dropped. Members discussed in depth about the proposed curriculum structure and detailed syllabus for 2- year M. Tech (Nuclear Science and Technology) program from the academic session 2016-2017 onwards. It was agreed by all members present to put the proposed curriculum structure and detailed syllabus to coming PGRPC meeting for approval.


(Manish Kumar) 27-5-16

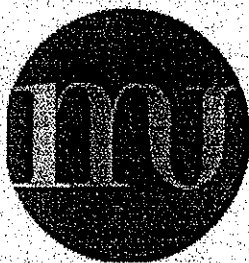
Non Member Secretary


(Prof. N. K. Joshi) 27.5.16

HOD, NST


(Prof. M. K. Jha)

Associate Dean, CET- Chairman



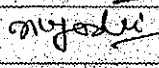
Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 3(f) of the UCC Act. 1956)
College of Engineering and Technology
Lakshnagarh, Sikar -332311 (Rajasthan)
Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042
Website: www.modyuniversity.ac.in

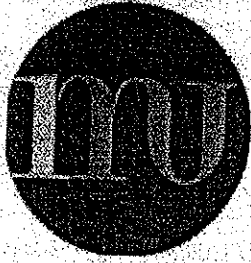
Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 27-05-2016 Time: 10.30 AM Venue: Room: F-302, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. M. K. Jha, Associate Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 27.5.16
3	Mr. G. Divya Deepak	
4	Mr. Manish Kumar - Non Member Secretary	 27.5.16



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UCC Act, 1956)

College of Engineering and Technology

Lakshmanagarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

Web site: www.modyuniversity.ac.in

Department of Nuclear Science & Technology

CET/BOS/NST/2016

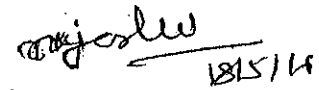
Date: 18-05-2016

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 27th May, 2016 at 10.30 AM in the Room no. F-302 of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss about changing the course structure and detailed new syllabus of 2- year M. Tech (Nuclear Science & Technology) program from the academic year 2016-17 onwards.


18/5/16

(Prof. N. K. Joshi)

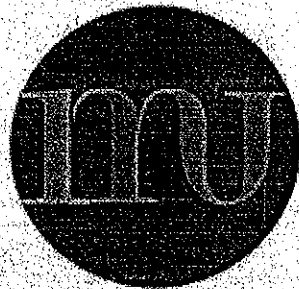
HOD, Nuclear Science & Technology

Copy to

1. Dean, CET with a request to chair the meeting
2. Mr. G. Divya Deepak
3. Mr. Manish Kumar

Mody University of Science & Technology, Lakshmangarh (Sikar)

College of Engineering & Technology



MODY
UNIVERSITY

LAKSHMANGARH • RAJASTHAN

Department of Nuclear Science & Technology (NST)

Course structure for

M. Tech. (Nuclear Science & Technology)

for the academic year 2016-17 Onwards

**Course structure for
M. Tech. (Nuclear Science & Technology)
(2016-2017 onwards)**

SEMESTER I			SEMESTER II		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
MA 521	Engineering Mathematics & Numerical Analysis	4	NU 502	Nuclear Power Engineering	4
NU 501	Quantum Mechanics & Electrodynamics	4	NU 504	Plasma Physics and Nuclear Fusion	4
NU 503	Nuclear Physics	4	NU 506	Nuclear Engineering Materials	4
NU 505	Nuclear Reactor Theory	4	NU 508	Fluid dynamics & Heat Transfer	4
NU 507	Radiation Physics & Instrumentation	4	NU 510	Radiation Technology and its applications	4
NU 509	Simulations Methods	2	NU 512	Nuclear Measurement Lab	3
NU 511	Modeling & Simulation Lab	2	NU 514	Plasma Lab	1
NU 513	Integrated Engineering Lab	2			
	TOTAL	26		TOTAL	24
SEMESTER III			SEMESTER IV		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
NU 601	Fast Breeder Reactor	3	NU 610	Final dissertation	22
NU 603	Nuclear Waste Storage and Management	3			
NU 605	Nuclear security, safety and safeguards	3			
NU 607	Seminar	2			
NU 609	Preliminary Dissertation	10			
	TOTAL	21		TOTAL	22
Total Credits Points are		93			

Approved by PGPR & 2 academic Council.

mkyasto

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2016 – 2017 onwards)
First Year- First Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Autumn Semester	MA 521	Engineering Mathematics and Numerical Analysis	3	1	0	4	3	10	40	50
	NU 501	Quantum Mechanics & Electrodynamics	3	1	0	4	3	10	40	50
	NU 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NU 505	Nuclear Reactor Theory	3	1	0	4	3	10	40	50
	NU 507	Radiation physics and Instrumentation	3	1	0	4	3	10	40	50
	NU 509	Simulation Methods	2	0	0	2	3	10	40	50
	NU 511	Modeling & Simulation Lab	0	0	4	2	2	20	40	40
	NU 513	Integrated Engineering Lab	0	0	4	2	2	20	40	40
	Sub Total		17	5	8	26				

§ The students will be encouraged to enroll in French Language classes in the first year of M. Tech. Program.

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2016 -2017 onwards)
First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage(%)		
			L	T	P			CW*	MTE*	ETE
Spring Semester	NU 502	Nuclear Power Engineering	3	1	0	4	3	10	40	50
	NU 504	Plasma Physics and Nuclear Fusion	3	1	0	4	3	10	40	50
	NU 506	Nuclear Engineering Materials	3	1	0	4	3	10	40	50
	NU 508	Fluid flow and Heat Transfer	3	1	0	4	3	10	40	50
	NU 510	Radiation Technology and its applications	3	1	0	4	3	10	40	50
	NU 512	Nuclear Measurement Laboratory	0	0	6	3	2	20	40	40
	NU 514	Plasma Laboratory	0	0	2	1	2	20	40	40
	Sub Total		15	5	8	24				

^ The students may choose to do a summer project/ training, however it is optional.
The student doing a summer project will be given a certificate.

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2016 – onwards)
Second Year- Third Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NU 601	Fast Breeder Reactor	2	1	0	3	3	10	40	50
	NU 603	Nuclear Waste Storage and Management	2	1	0	3	3	10	40	50
	NU 605	Nuclear safety and security	2	1	0	3	3	10	40	50
	NU 607	Seminar	0	0	0	2		100		
	NU 609	Preliminary Dissertation	0	0	0	10		100		
	Sub Total		6	3	0	21				

Second Year- Fourth Semester

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NU 610	Final Dissertation	0	0	0	22	-	100		

Total credits: 26+24+21+22=93

CW* -- Class assignment, **MTE*** - Two Mid- Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

No. FET/ BOS-2/13

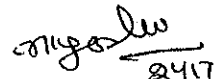
Date: 24-07-2013

NOTICE

A Board of studies, Department of Nuclear Science & Technology meeting will be held on 25th July, 2013 at 10.00 AM in the Room no. F-502 of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss and finalize the changes to be made in the curriculum structure of First year of 2- year M. Tech (NST) program for the academic year 2013-14 onwards


(N. K. Joshi)
HOD, NST

Copy to

1. Dean, FET with a request to chair the meeting
2. Prof. R. K. Shivpuri
3. Mr. G. Divaya Deepak

Mody Institute of Technology & Science, Lakshmangarh

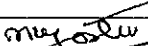
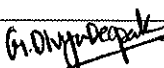
Faculty of Engineering & Technology

Department of Nuclear Science & Technology

Board of studies meeting, Nuclear Science & Technology Department

Date: 25-07-2013 Time: 10.00 AM Venue: Room: F-502, New FET Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. J. V. Desai, Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 25/7/13
3	Prof. R. K. Shivpuri	—
4	Mr. G. Divya Deepak - Non Member Secretary	

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2013 – onwards)
First Year

First Year										
Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	Sub Total		17	5	4	24				
Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	Sub Total		15	5	8	24				
Summer Project					2		100			

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

Second Year

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Autumn Semester	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10		100		
	Sub Total		6	2	0	20				

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
Spring Semester	NE 602	Final Dissertation	0	0	0	20	-	100		

Total credits: 24+24+2+20+20=90

CW* -- Class assignment, **MTE*** - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

No. FET/ BOS-1/12

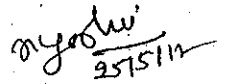
Date: 23-05-2012

NOTICE

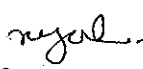
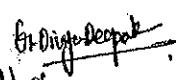
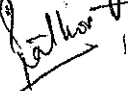
A Board of studies, Department of Nuclear Science & Technology meeting will be held on 25th May, 2012 at 2.30 pm in the conference room of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss and finalize the detailed course syllabus of First semester 2- year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-13 on wards


(N. K. Joshi)
HOD, NST

Copy to

1. Dean, FET with a request to chair the meeting 
2. Prof. N. K. Joshi, HOD, NST 
3. Prof. R. K. Shivpuri 
4. Dr. S. K. Murali
5. Mr. G. Divyaa Deepak 
6. Mr. Vikram Rathore 

Mody Institute of Technology & Science, Lakshmanagarh

Faculty of Engineering & Technology

Department of Nuclear Science & Technology

Board of studies meeting, Nuclear Science & Technology Department

Date: 25-05-2012 Time: 2.30 pm Venue: Conference Room, New FET Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. P. K. Das, Dean- Chairman	<i>P.K. Das</i> 25/05/12
2	Prof. N. K. Joshi, HOD	<i>N.K. Joshi</i> 25/5/12
3	Prof. R. K. Shivpuri	<i>R. K. Shivpuri</i> 25.5.12.
4	Dr. S. K. Murali	
5	Mr. G. Divya Deepak	<i>G. Divya Deepak</i> 25/5
6	Mr. Vikram Rathore- Non Member Secretatry	<i>V. Rathore</i>

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 25-05-2012 in the Conference Room of New FET Building

Members Present

Prof. P. K. Das, Chairman

Prof. N. K. Joshi, HOD

Prof. R. K. Shivpuri

Mr. G. Divya Deepak

Mr. Vikram Rathore – Non Member Secretary

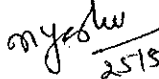
Members Absent: Dr. S. K. Murali

Deliberations:

Members discussed in detail about the proposed course syllabus for first semester of 2-year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-2013 onwards. It was agreed by all members present to put the proposed course syllabus for coming PGPRC meeting for approval.


(Vikram Rathore)

Non Member Secretary


(Prof. N. K. Joshi)

HOD, NST

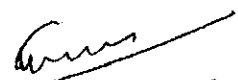

(Prof. P. K. Das)

Dean, FET- Chairman

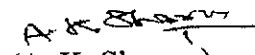
Mody Institute of Technology & Science, Lakshmangarh (Sikar)
Faculty of Engineering & Technology

Course Code for 2-yr. M. Tech (NST) & 3-yr Integrated M. Tech (NST) programs

- (A) The course codes ME 107, ME 123 and ME127 for the mechanical engineering subjects may be shown for the first semester 3-year Integrated M. Tech (NST) program. These course codes are already approved for Mechanical Engineering department.


(A. K. Chattopadhyay)
HOD, Mechanical Engineering

- (B) The subject "Computer Programming" for the second semester students of 3yr. Integrated M. Tech (NST) program may be assigned the course code CS 508.


(A. K. Sharma)
HOD, CS & E

- (C) The subject "Mathematical Physics" for the second semester students of 3 yr. Integrated M. Tech (NST) may be assigned the course code MA 502. The subject "Engineering Mathematics and Numerical Analysis" for the first semester students of 2yr M. Tech (NST) and for the third semester students of 3 yr. Integrated M. Tech (NST) may be assigned the course code MA 521.


(Amit Mukherjee)
HOD, S&H

6

Mody Institute of Technology & Science, Lakshmangarh

Faculty of Engineering & Technology

Department of Nuclear Science & Technology

**Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 25-07-2013 in the Room no. F-502 of New FET Building**

Members Present

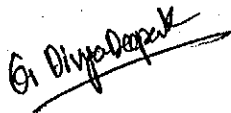
Prof. J. V. Desai, Chairman

Prof. N. K. Joshi, HOD

Mr. G. Divya Deepak – Non Member Secretary

Deliberations & Resolution:

Members discussed in detail about the proposed changes in the curriculum structure of First year syllabus for 2-year M. Tech (NST) for academic year 2013-2014 onwards in view of the French Collaboration. It was agreed by all members to submit the modified detailed curriculum structure to Registrar office as per e-mail dated 19.07.2013 and put the modified detailed curriculum structure for 25th meeting of PGPRC as agenda points and for approval.



(Divya Deepak)
Non Member Secretary



(Prof. N. K. Joshi)
HOD, NST



(Prof. J. V. Desai)
Dean, FET- Chairman

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- First Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage(%)		
			L	T	P			CW*	MTE*	ETE
Autumn Semester	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	FL-221	French-I(Optional)***	3	0	0	1	3	10	40	50
	Sub Total		17	5	4	24/25				

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage(%)		
			L	T	P			CW*	MTE*	ETE
Spring Semester	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	FL-222	French-II (Optional)***	3	0	0	1	3	10	40	50
	Sub Total		15	5	8	24/25				
	Summer Project† (Optional, Non-credit)							100		

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

Second Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10		100		
	Sub Total		6	2	0	20				

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 602	Final Dissertation	0	0	0	20		100		

Total credits: 24/25+24/25+20+20=88/90

CW* -- Class assignment, MTE* - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

*** The student may decide to take French courses FL 221 & FL 222 or even may not opt for these optional papers by consulting course coordinator. If a student opts to take this paper, the appropriate credit shall be added to her accounts.

† The student may choose to do summer project/ training or even may not opt for this. The student doing a summer project will be given a certificate.

Mody Institute of Technology & Science, Lakshmangarh

Faculty of Engineering & Technology

Department of Nuclear Science & Technology

**Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 18-05-2012 in the Conference Room of New FET Building**

Members Present

Prof. P. K. Das, Chairman

Prof. N. K. Joshi, HOD

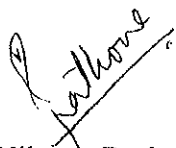
Mr. G. Divya Deepak

Mr. Vikram Rathore – Non Member Secretary

Members Absent: Dr. S. K. Murali

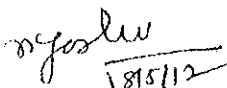
Deliberations:

HOD informed the members that the proposed curriculum structure was also discussed informally with Prof. R. K. Shivpuri, on 24-04-2012 during his visit to MITS. The course codes for the subjects to be taken by Mechanical, Mathematics and Computer engineering departments were assigned after consultation with respective HOD's (please see the separate sheet attached).. Members discussed in detail about the proposed curriculum structure for 2-year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-2013 onwards. It was agreed by all members present to put the proposed curriculum structure to coming PGPRC meeting for approval.



(Vikram Rathore)

Non Member Secretary



(Prof. N. K. Joshi)

HOD, NST



(Prof. P. K. Das)

Dean, FET- Chairman

Mody Institute of Technology & Science, Lakshmangarh

Faculty of Engineering & Technology

Department of Nuclear Science & Technology

No. FET/ BOS-1/12

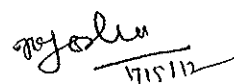
Date: 17-05-2012

NOTICE

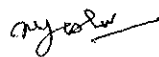
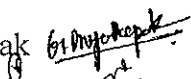
A Board of studies, Department of Nuclear Science & Technology meeting will be held on 18th May, 2012 at 2.30 pm in the conference room of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss and finalize the curriculum structure for 2- year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-13 on wards


(N. K. Joshi)
HOD, NST

Copy to

1. Dean, FET with a request to chair the meeting
2. Prof. N. K. Joshi, HOD, NST 
3. Dr. S. K. Murali
4. Mr. G. Divya Deepak 
5. Mr. Vikram Rathore 

Mody Institute of Technology & Science, Lakshmangarh

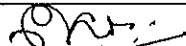
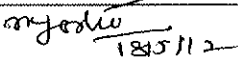
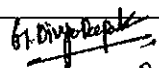
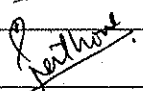
Faculty of Engineering & Technology

Department of Nuclear Science & Technology

Board of studies meeting, Nuclear Science & Technology Department

Date: 18-05-2012 Time: 2.30 pm Venue: Conference Room, New FET Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. P. K. Das, Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 18/5/12
3	Dr. S. K. Murali	
4	Mr. G. Divya Deepak	
5	Mr. Vikram Rathore- Non Member Secretatry	

Reconstitution of BOS

Registrar

Sent: Thursday, April 11, 2013 11:15 AM

To: Dr. J. V. Desai; dean fms; Dean FOL

Dear Sir,

Kindly send the updates constitution of the Boards of Studies of your faculty for ratification by the Senate in its next meeting.

With due Regards,

Registrar

Mody Institute of Technology & Science

Lakshmangarh, Distt. Sikar (Rajasthan)

circulate to
all heads
MD

HOD, CSE

HOD, ECE/EE

HOD, IT

HOD, S&H

HOD, ME

HOD, NST

HOD, MCA

Mody Institute of Technology & Science
Lakshmangraha (Sikar)- 332311

Faculty of Engineering & Technology
Department of Nuclear Science & Technology

List of Members of Board of Studies (07-01-2013)

1. Chair Person- Dean of Faculty : Prof. J. V. Desai
2. Co- Chairperson – Head of the Department : Prof. N. K. Joshi
3. Adjunct Professor : Prof. R. K. Shivpuri
4. Two Associate Professors (Nominate : (1) Mr. Vikram Rathore
Assistant professor, in case there is no : (2) Mr. G. Divya Deepak
Associate professor)
5. Experts from relevant field of academics : Prof. P. Munshi- IIT, Kanpur
6. Experts from Industry : Dr. M. L. Jayanth Kumar- Former BARC

meylew

Approved on 22/4/13

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

No. FET/ BOS-1/12

Date: 23-05-2012

NOTICE

A Board of studies, Department of Nuclear Science & Technology meeting will be held on 25th May, 2012 at 2.30 pm in the conference room of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss and finalize the detailed course syllabus of First semester 2- year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-13 onwards

N. K. Joshi
25/5/12
(N. K. Joshi)
HOD, NST

Copy to

1. Dean, FET with a request to chair the meeting *[Signature]*
2. Prof. N. K. Joshi, HOD, NST *N. K. Joshi*
3. Prof. R. K. Shivpuri *R. K. S.*
4. Dr. S. K. Murali
5. Mr. G. Divyaya Deepak *G. Divyaya Deepak*
6. Mr. Vikram Rathore *V. Rathore*

Mody Institute of Technology & Science, Lakshmanagarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Board of studies meeting, Nuclear Science & Technology Department
Date: 25-05-2012 Time: 2.30 pm Venue: Conference Room, New FET Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. P. K. Das, Dean- Chairman	<i>P.K. Das</i> 25/05/12
2	Prof. N. K. Joshi, HOD	<i>N.K. Joshi</i> 25/5/12
3	Prof. R. K. Shivpuri	<i>R. K. Shivpuri</i> 25.5.12
4	Dr. S. K. Murali	
5	Mr. G. Divya Deepak	<i>G. Divya Deepak</i> 25/5
6	Mr. Vikram Rathore- Non Member Secretatry	<i>V. Rathore</i>

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 25-05-2012 in the Conference Room of New FET Building

Members Present

Prof. P. K. Das, Chairman

Prof. N. K. Joshi, HOD

Prof. R. K. Shivpuri

Mr. G. Divya Deepak

Mr. Vikram Rathore – Non Member Secretary

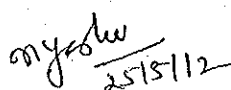
Members Absent: Dr. S. K. Murali

Deliberations:

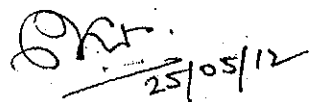
Members discussed in detail about the proposed course syllabus for first semester of 2-year M. Tech (NST) and 3-year Integrated M. Tech (NST) programs for academic year 2012-2013 onwards. It was agreed by all members present to put the proposed course syllabus for coming PGPRC meeting for approval.


(Vikram Rathore)

Non Member Secretary


(Prof. N. K. Joshi)

HOD, NST

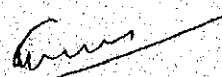

(Prof. P. K. Das)

Dean, FET- Chairman

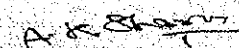
Mody Institute of Technology & Science, Lakshmangarh (Sikar)
Faculty of Engineering & Technology

Course Code for 2-yr. M. Tech (NST) & 3-yr Integrated M. Tech (NST) programs

(A) The course codes ME 107, ME 123 and ME127 for the mechanical engineering subjects may be shown for the first semester 3-year Integrated M. Tech (NST) program. These course codes are already approved for Mechanical Engineering department.


(A. K. Chattophadyay)
HOD, Mechanical Engineering

(B) The subject "Computer Programming" for the second semester students of 3yr. Integrated M. Tech (NST) program may be assigned the course code CS 508.


(A. K. Sharma)
HOD, CS & E

(C) The subject "Mathematical Physics" for the second semester students of 3 yr. Integrated M. Tech (NST) may be assigned the course code MA 502. The subject "Engineering Mathematics and Numerical Analysis" for the first semester students of 2yr M. Tech (NST) and for the third semester students of 3 yr. Integrated M. Tech (NST) may be assigned the course code MA 521.


(Amit Mukherjee)
HOD, S&H

40

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 25-07-2013 in the Room no. F-502 of New FET Building

Members Present

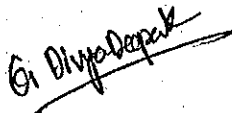
Prof. J. V. Desai, Chairman

Prof. N. K. Joshi, HOD

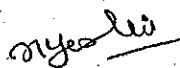
Mr. G. Divya Deepak – Non Member Secretary

Deliberations & Resolution:

Members discussed in detail about the proposed changes in the curriculum structure of First year syllabus for 2-year M. Tech (NST) for academic year 2013-2014 onwards in view of the French Collaboration. It was agreed by all members to submit the modified detailed curriculum structure to Registrar office as per e-mail dated 19.07.2013 and put the modified detailed curriculum structure for 25th meeting of PGPRC as agenda points and for approval.



(Divya Deepak)
Non Member Secretary



(Prof. N. K. Joshi)
HOD, NST



(Prof. J. V. Desai)
Dean, FET- Chairman

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- First Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	FL-221	French-I(Optional)***	3	0	0	1	3	10	40	50
Sub Total			17	5	4	24/25				

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Spring Semester	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	FL-222	French-II (Optional)***	3	0	0	1	3	10	40	50
	Sub Total		15	5	8	24/25				
	Summer Project† (Optional, Non-credit)							100		

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

Second Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10		100		
Sub Total			6	2	0	20				

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 602	Final Dissertation	0	0	0	20	-	100		

Total credits: 24/25+24/25+20+20=88/90

CW* -- Class assignment, MTE* - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

*** The student may decide to take French courses FL 221 & FL 222 or even may not opt for these optional papers by consulting course coordinator. If a student opts to take this paper, the appropriate credit shall be added to her accounts.

† The student may choose to do summer project/ training or even may not opt for this. The student doing a summer project will be given a certificate.

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 25-07-2013 in the Room no. F-502 of New FET Building

Members Present

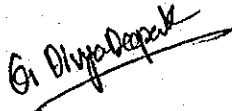
Prof. J. V. Desai, Chairman

Prof. N. K. Joshi, HOD

Mr. G. Divya Deepak – Non Member Secretary

Deliberations & Resolution:

Members discussed in detail about the proposed changes in the curriculum structure of First year syllabus for 2-year M. Tech (NST) for academic year 2013-2014 onwards in view of the French Collaboration. It was agreed by all members to submit the modified detailed curriculum structure to Registrar office as per e-mail dated 19.07.2013 and put the modified detailed curriculum structure for 25th meeting of PGPRC as agenda points and for approval.



(Divya Deepak)
Non Member Secretary



(Prof. N. K. Joshi)
HOD, NST



(Prof. J. V. Desai)
Dean, FET- Chairman

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- First Semester

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration Hours	Weightage(%)		
			L	T	P			CW*	MTE*	ETE
	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	FL-221	French-I(Optional)***	3	0	0	1	3	10	40	50
	Sub Total		17	5	4	24/25				

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year- Second Semester

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Spring Semester	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	FL-222	French-II (Optional)***	3	0	0	1	3	10	40	50
	Sub Total		15	5	8	24/25				
	Summer Project† (Optional, Non-credit)							100		

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

Second Year

Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10				100
	Sub Total		6	2	0	20				

Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 602	Final Dissertation	0	0	0	20	-			100

Total credits: 24/25+24/25+20+20=88/90

CW* -- Class assignment, MTE* - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

*** The student may decide to take French courses FL 221 & FL 222 or even may not opt for these optional papers by consulting course coordinator. If a student opts to take this paper, the appropriate credit shall be added to her accounts.

† The student may choose to do summer project/ training or even may not opt for this. The student doing a summer project will be given a certificate.

12

Mody University of Science & Technology Lakshmangarh (Sikar)

College of Engineering & Technology



Department of Nuclear Science & Technology (NST)

Detailed Syllabus for

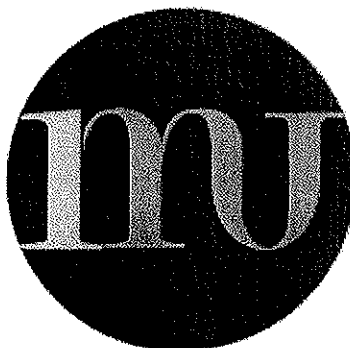
M. Tech. (Nuclear Science & Technology)

for the academic year 2016-17 Onwards

**Course structure for
M. Tech. (Nuclear Science & Technology)
(2016-2017 onwards)**

SEMESTER I			SEMESTER II		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
MA 521	Engineering Mathematics & Numerical Analysis	4	NU 502	Nuclear Power Engineering	4
NU 501	Quantum Mechanics & Electrodynamics	4	NU 504	Plasma Physics and Nuclear Fusion	4
NU 503	Nuclear Physics	4	NU 506	Nuclear Engineering Materials	4
NU 505	Nuclear Reactor Theory	4	NU 508	Fluid dynamics & Heat Transfer	4
NU 507	Radiation Physics & Instrumentation	4	NU 510	Radiation Technology and its applications	4
NU 509	Simulations Methods	2	NU 512	Nuclear Measurement Lab	3
NU 511	Modeling & Simulation Lab	2	NU 514	Plasma Laboratory	1
NU 513	Integrated Engineering Lab	2			
	TOTAL	26		TOTAL	24
SEMESTER III			SEMESTER IV		
Subject Code	Subject	Credits	Subject Code	Subject	Credits
NU 601	Fast Breeder Reactor	3	NU 610	Final dissertation	22
NU 603	Nuclear Waste Storage and Management	3			
NU 605	Nuclear security, safety and safeguards	3			
NU 607	Seminar	2			
NU 609	Preliminary Dissertation	10			
	TOTAL	21		TOTAL	22
Total Credits Points are		93			

Mody University of Science & Technology Lakshmangarh (Sikar)



Detailed syllabus for First year M. Tech. (Nuclear Science and Technology)

Semester I

Subject Code	Subject	Credits
MA 521	Engineering Mathematics and Numerical Analysis	4
NU 501	Quantum Mechanics & Electrodynamics	4
NU 503	Nuclear Physics	4
NU 505	Nuclear Reactor Theory	4
NU 507	Radiation Physics & Instrumentation	4
NU 509	Simulations Methods	2
NU 511	Modeling & Simulation Lab	2
NU 513	Integrated Engineering Lab	2
	Total Credits	26

Detailed course syllabus for First Semester- M. Tech (NST)

MA 521

Engineering Mathematics and Numerical Analysis

3-1-0-4

1. **Ordinary Differential Equations:** Ordinary differential Equations of first order and first Degree (Equations in which variables are separable, homogeneous, linear, exact), linear differential equations with constant coefficients and variable coefficient . [10]
2. **Partial Differential Equations:** First order partial differential equations with constant coefficients (variables separation method), one dimensional heat and wave equation, Laplace equation in two dimension, power series solution of differential equation (Frobenius method). [08]
3. **Special Functions:** Bessel's function and equation, Legendre function, Green function [06]
4. **Numerical Methods:** Use of interpolation formula (equal and unequal intervals), numerical integration (Trapezoidal and Simpson's rules), numerical differentiation, solution of linear system of equation (Gauss elimination and Gauss Seidel method), solution of nonlinear equation (Bisection method, Regula Falsi and Newton's Raphson method), numerical solution of ordinary differential equation (Predictor - Corrector methods, Runge-Kutta method). [16]

Text Books:

1. E. Kreyzig , Advanced Engineering Mathematics" 2nd edition, John Wiley & Sons, 2004
2. B. V. Ramana, Higher Engineering Mathematics, McGraw-Hill, New Delhi
3. S.S. Sastry, Introductory Methods of Numerical Analysis, PHI, 5th edition, 2012

Reference Books:

- 1 S.C. Chapara and, R. P. Canale, Numerical methods for Engineers", 2nd Edition, Tata McGraw-Hill, New Delhi, 2002
2. Ram Babu, Engineering Mathematics, Pearson Publication, New Delhi, 2010
3. Ram Babu, Numerical Methods, Pearson Publication, New Delhi, 2010

Quantum Mechanics

1. Origin of quantum theory and related experiments, wave-particle duality, wave function and its Born interpretation, uncertainty principle, Schrodinger equation, wave functions, wave packets, probability amplitudes, solutions to Schrodinger equation in one dimensions; Barrier penetration, Potential wells, Simple harmonic oscillator, Schrodinger equation in three dimensions. [7]
2. Formalism of quantum mechanics; Linear vector space, Function spaces, Hilbert space formalism, inner product and probability, completeness of Eigen functions, delta functions, Bra & Ket notation, matrix representation of an operator, change of basis, unitary transformations. [6]
3. General treatment of angular momentum, spin, identical particles; SHM problem by operator method; Pauli exclusion principle; Scattering theory; some calculations, Perturbation theory, WKB approximation. [7]

Electrodynamics

4. Coulomb law and electrostatics, Laplace and Poisson equations, Maxwell's equations, partial polarization, Lorentz force, Poynting theorem. Scalar and vector potentials, Gauge transformations and gauge invariance. [5]
5. Special theory of relativity, four vectors, Field tensor, Relativistic formulation of electrodynamics, Maxwell equations in covariant form [4]
6. Relativistic charged particle in an electromagnetic field, Motion in uniform electric and magnetic fields and combinations of E and B fields, Non uniform static magnetic field [4]
7. Green's function for wave equation (relativistic), Radiation from localized moving charges, Multi pole expansion, dipole and quadrupole radiation, Radiation from accelerated charge [4]
8. Power radiated by point charge, Larmor's formula, Angular distribution of power, Bremsstrahlung and synchrotron radiation, Dispersion theory, Radiative reaction, Radiative damping [5]

Text Books:

1. Griffiths D. J., Introduction to Quantum Mechanics, 2nd edition, Pearson, 2009.
2. Griffiths D. J., Introduction to Electrodynamics, 3rd edition, Prentice Hall India, 1999.
3. Ghatak A. K. & Lokanathan S., Quantum Mechanics: Theory and Applications, 5th edition, Macmillan India, 2004.

Reference Books:

1. Schiff L. I., Quantum Mechanics, 3rd edition, Tata McGraw-Hill, 2010.
2. Zettili N., Quantum Mechanics: Concepts & Applications, 2nd edition, Wiley, 2009.
3. Jackson J. D. Classical Electrodynamics, 3rd edition, Wiley, 1998.
4. Lifshitz E. M. & Landau L. D., Quantum Electrodynamics (Course of Theoretical Physics), 2nd edition, Pergamon Press, 1981.

1. **Introduction:** Basic properties of the nucleus and nuclear radiations [4]
2. **Two Nucleon Problem:** The Two Nucleon Problem, Quadrupole & Magnetic moments of Deuteron, S_{12} operator, Existence of non-central forces. Deuteron bound state wave function & energy [7]
3. **Nuclear Forces:** np scattering cross-section, ortho & para hydrogen states, Nuclear forces, spin dependence, pp scattering, Existence of repulsive core inside a nucleon. [7]
4. **Nuclear Stability:** Binding energy and nuclear stability. [4]
5. **Nuclear Reactions:** Kinematics, Direct and Compound Nucleus Reactions, Energetic and general cross section behavior in nuclear reactions. [6]
6. **Radioactive Decays:** Alpha decay, Beta decay, Fermi's theory of beta decay, determination of mass of neutrino and Gamma decay [6]
7. **Nuclear Models:** Liquid drop Model, Nuclear Fission, Shell Model, Spin-Orbit interaction. Application of Shell Model [6]

Text Book:

1. Kenneth S. Krane, *Introductory Nuclear Physics*. Hoboken: John Wiley & Sons, Inc., 1987
2. Walter E. Meyerhof, *Elements of Nuclear Physics*. New York: McGraw-Hill, 1967.
3. R.R. Roy & B.P. Nigam, *Nuclear Physics: Theory and experiments*, 1st edition, New Age International, 1967.

Reference Book:

1. Bernard L. Cohen, *Concepts of Nuclear Physics*. New York: McGraw-Hill, (1971)

1. **Basics Neutron Physics Concepts:** Neutron and its properties, Neutron and its interaction with matter, Neutron sources, Neutron-nuclear interaction cross sections, Reaction rate density, macroscopic cross section and mean free path. Cross-sections of elements, compounds and mixtures [7]
2. **Nuclear Fission:** Fissile and fertile atoms, conversion of fertile into fissile atoms, Fission power, fission chain, control of fission chain, Core physics involving criticality with introduction of four factor formula, Effective multiplication factor, concept of criticality, sub criticality and super criticality, conversion/ breeding ratio, fuel burn-up, Energy release from fission, Neutron yield, Energy distribution among fission neutrons and fragments. [7]
3. **Slowing Down and Energy Dependence:** Mechanism of energy loss by scattering collisions, Neutron Slowing-down and Thermalization, Neutron lethargy and average logarithmic decrement, Moderating ratio [5]
4. **Neutron Transport equation and Neutron diffusion equation:** Dependence of neutron flux on space, energy, direction and time, Boltzmann equation, Neutron balance equation, Simplified diffusion equation through Fick's law, Diffusion equation in Multiplying and non-multiplying media, Neutron slowing down-moderators-Fermi age model, Slowing down length, Migration length, One group Diffusion equation for finite bare homogeneous reactor, Critical equation and Reactor Buckling, Critical size and Geometrical Buckling (Cube and Semi-Cubic shape, sphere, cylinder), Critical volume and critical mass calculations, Reference to multi group approach, Reflected reactors, reflector saving, flux flattening, Heterogeneous reactors [16]
5. **Reactor Kinetics:** Time dependent diffusion equation, Point kinetics, Prompt neutrons, Delayed neutron precursors, Reactor period, period versus reactivity, In hour formula, Short term & long term variation of reactivity, Fission Product Poisoning [5]

Text Books:

1. J. R. Lamarsh, *Introduction to Nuclear Reactor Theory*, Addison- Wesley Publishing Company, 1966
2. S. Glasstone & A. Sessonske, *Nuclear Reactor Engineering*, Vol. I and Vol. II CBS Publishers & Distributors, New Delhi, 2009
3. S. Garg, F. Ahmed and L. S. Kothari, *Physics of Nuclear Reactors*, Tata McGraw Hill, New Delhi, 1986

Reference Book:

1. W. M. Stacey, *Nuclear Reactor Physics* (Second edition), Wiley- VCH verlag GmbH, 2007

1. **Radiation:** Ionizing and non ionizing radiation, Natural and artificial radiation, Exposure and dose, units, Absorbed dose, effective dose, radiation sources, synchrotron radiation sources, Biological effects of ionizing radiation, Radiation protection standards and their implementation [6]
2. **Interaction of radiation with matter:** Interaction of charged particles, gamma rays, and neutrons with matter, energy loss of heavy charged particles in matter, electronic stopping power (Bohr, and Bethe-Bloch formulae), energy loss of electrons and positrons, Bragg curve, energy straggling, Range and Range straggling, energy loss by Bremsstrahlung radiation, Cerenkov radiation, photoelectric absorption, Compton scattering, pair production, Attenuation, Neutron elastic scattering, inelastic scattering, radiative capture, (n, p), (n, 2n), (n, α), (n, fission) reactions [8]
3. **Radiation Detectors:** Gas-filled ionization detectors-Ionization chambers, proportional counters and GM counters, Pulse height spectra and energy resolution. Working of a p-n junction detector, partially and totally depleted detectors, surface barrier detectors, Lithium drifted Silicon detectors (Si(Li)), high-purity Germanium(HPGe) gamma detectors, typical gamma-ray spectrum with an HPGe detector, Scintillation mechanism in inorganic crystal scintillators and organic scintillators, Characteristics and operation of alkali halide scintillators with details of NaI(Tl), Photomultiplier tubes. Pulse height spectrum using a monoenergetic gamma ray source, TLD, Production and detection of neutrons-typical neutron sources, slow neutron detection, BF₃ counter, boron-lined proportional counter, boron loaded scintillators, Lithium containing slow neutron detectors, He proportional counters, fission counters, time of flight techniques [16]
4. **Reactor Instrumentation:** General considerations – Reactor Nuclear Instrumentation systems– an overview – pressurized water nuclear instrumentation, boiling water reactor nuclear instrumentation, In core detectors, self powered neutron detectors, detectors based on beta decay, detectors based on secondary electrons from gamma decay [5]
5. **Shielding & protection against radiation exposure:** Radiation Shielding, Different Geometric configurations, Requirement for Shielding, Biological shielding, Thermal shielding, Shielding Materials for Different Types of Radiation, Criterion for Selecting Shielding Material, External radiation protection, Internal radiation protection [5]

Text Book:

1. S. N. Ahmed, *Physics & Engineering of Radiation detection*, Academic Press, 2007
2. Herman Cember, *Introduction to Health Physics*, 3rd edition, McGraw-Hill, 1996
3. G. F. Knoll, *Radiation Detection and Measurement*, 3rd Edition, John Wiley and Sons, 2000

Reference Books:

1. J. E. Martin, *Physics of Radiation protection: A hand book*, 2nd edition, Wiley-VCH, 2006
2. N. Tsoulfanidis, *Measurement and detection of Radiation*, 2nd edition, Taylor Francis, 1995

1. **Finite Difference Method:** Forward difference, Back-ward difference, Central difference, Differential coefficients of various orders and their equivalent finite difference forms with associated errors. Classification of second order differential equations-elliptic, parabolic and hyperbolic equations, Case studies of the three different equations and converting equations in finite difference form, Dirichlet and Neumann boundary conditions and conversion of the boundary conditions to finite difference forms to solve the differential equations of various types [8]
2. **Finite Volume Method:** Introduction to finite volume method, Application of boundary conditions, Expression of heat conduction at specified boundary conditions, Applications of finite volume method [4]
3. **Finite Element Method:** Introduction, Steps of solution procedure in FEM, Formulation of finite element equations, Galerkin Method, Variational Formulation, Application of FEM to problems related to Nuclear Engineering [4]
4. **Monte Carlo Simulation Techniques:** Introduction - Monte Carlo Methods, Random number generation, Monte Carlo Techniques, Crude Monte Carlo, Acceptance – Rejection Monte Carlo, Stratified Sampling, Importance of Sampling, Program Implementation, Other Applications for Monte Carlo Techniques [4]

Text Books:

1. B. S. Grewal, Numerical Methods in Engineering and Science, Khanna Publishers, Delhi.
2. O.C. Zienkiewicz, R.L. Taylor, J.Z. Zhu, Finite Element Method: Its Basis and Fundamental, 6th ed., Tata Mc Graw Hill, 2005
3. Malvin H. Kalos, Paula A. Whitlock, Monte Carlo Methods, 2nd edition, Wiley-vch verlag Gmbh, 2008.

Reference Books:

1. K. W. Morton & D. F. Mayers, Numerical solutions of Partial differential equations, Cambridge University Press, 2005
2. R. Herblin, Finite volume for Complex Applications III, Kogan Page, 2002
3. D. C. Handscomb & M. H. John, Monte Carlo Methods, Methuen Young Books, 1964.

Programs will be implemented using MATLAB/ FORTRAN

1. Write a program to implement Simpson's $1/3^{\text{rd}}$ rule for integration.
2. Write a program to implement Gauss Elimination Method to solve a system of equation.
3. Write a program to solve 1-dimensional heat transfer problem using symmetric banded matrix.
4. Write a program to solve 1-dimensional heat flow equation using Gauss Elimination Method.
5. Write a program to solve 2-dimensional heat flow equation using Gauss Elimination Method.
6. Write a program to solve 3-dimensional heat flow equation using Gauss Elimination Method
7. Write a program to solve heat transfer problem using FEM
8. Write a program to do stress calculations using FEM
9. Write a program to do structural Analysis using FEM
10. Introduction to CANDU Simulator

Suggested Books:

1. O.C. Zienkiewicz, R. L. Taylor, J.Z. Zhu, Finite Element Method: Its Basis and Fundamental, 6th ed., Tata Mc Graw Hill, 2005
2. Getting Started with MATLAB: A Quick Introduction for Scientists and Engineers by Rudra Pratap

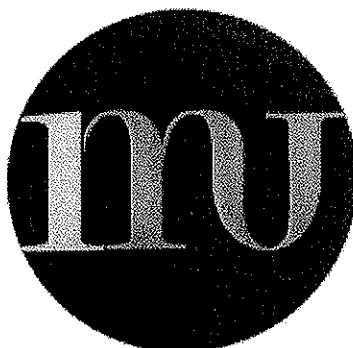
1. To measure temperature using different types of measurement devices.
 - a) J and K type thermometer
 - b) Bimetal and gas (vapour) pressure thermometer
 - c) PT 100 platinum resistance thermometer (four wire);
 - d) NTC thermistor
2. To study and determine the various properties of steam with steam generator
3. To study and determine the performance characteristics of Francis Turbine
 - a) At different flow rates
 - b) At different guide vane setting
 - c) To determine the overall conversion efficiency of fluid to mechanical energy
 - d) To compare experimental results with theoretical results
4. To study and determine the performance characteristics of Centrifugal Pump.
 - a) To plot a graph between head v/s flow.
 - b) To plot a graph between efficiency v/s flow
 - c) To study non dimensional characteristics
 - d) To demonstrate Cavitations
5. To study and determine the performance characteristics of Positive displacement pumps
6. To Study Bourdon tube pressure gauge.
7. To demonstrate and measure the change in friction factor from laminar to turbulent.
8. To study friction loss in pipe
 - a) To investigate laminar and turbulent flow in pipe.
 - b) To verify Poiseuille's Equation and the coefficient of viscosity for water in the laminar flow region.
9. Experiments related to A.C. Machines
 - a) To demonstrate and measure the change in friction factor from laminar to turbulent.
 - b) To determine the Regulation of 3 ϕ Alternator by ZPF Method.
 - c) Determination of Regulation of Alternator by EMF and MMF Method.
 - d) To determine the performance characteristics of 3 ϕ squirrel cage induction motor by direct loading method.
10. Experiments related to Instrumentation Lab
 - a) Study of characteristics of Platinum RTD and Thermistor.
 - b) Study of input-output characteristics of LVDT.

- c) Study of characteristics of NTC Thermistor.
- d) To measure unknown resistance using Wheat stone Bridge
- e) To measure unknown inductance, capacitance and resistance using Maxwell Bridge.

Suggested Books:

1. S. Som and G. Biswas, "Introduction to Fluid Mechanics and Fluid Machines", 2nd ed., Tata McGraw-Hill, 2007
2. David A. Bell, Electronic Instrumentation and Measurements, 2nd Ed, PHI, New Delhi, 2008.
3. Y. A. Cengel and M. A. Boles, "Thermodynamics: An Engineering Approach", McGraw Hill, 6th ed. 2008.

Mody University of Science & Technology Lakshmangarh (Sikar)



Detailed syllabus for First year M. Tech. (Nuclear Science and Technology)

Semester II

Subject Code	Subject	Credits
NU 502	Nuclear Power Engineering	4
NU 504	Plasma Physics and Nuclear Fusion	4
NU 506	Nuclear Engineering Materials	4
NU 508	Fluid dynamics and Heat Transfer	4
NU 510	Radiation Technology and its applications	4
NU 512	Nuclear Measurement Lab	3
NU 514	Plasma Laboratory	1
	Total Credits	24

Detailed course syllabus for Second Semester- M. Tech (NST)

NU 502

Nuclear Power Engineering

3-1-0-4

1. Principles of the conversion of nuclear energy to useful power, various types of nuclear power plants that have been designed, built and operated. Advanced future types of nuclear power plants that are in the design or developing stages. [5]
2. Reactor designs of power plants, their energy conversion principles, cycles and load-following characteristics, Economics of nuclear vs. other types of power plants. Power plant design and utility industries, reactivity coefficients. [5]
3. Problems involving core hydrodynamics of boiling-water reactors, their void and pressure coefficients, stability, and their effects on the design of the balance-of-plant. Detailed features of pressurized water reactor components, including steam generators, pressurizers and chemical-shim control systems, nuclear reactor plant design. [8]
4. Problems related to features of gas-cooled reactor cycles and components, and compare/contrast those features with those of conventional LWRs. Examples include, but are not limited to, fuel geometries (hex vs rod vs pebble-bed), fuel type (uranium vs thorium) and coolant type (helium vs water). [7]
5. Economics of nuclear power plants, accounting for capital costs, fuel costs and O&M (operations and maintenance) costs, as well as environmental aspects - sustainability, proliferation, safety. Compare and contrast the relative merits of different types of power plants. [5]
6. Nuclear Radiation Safety: Integration of reactor physics and engineering sciences into nuclear power plant design. Topics include materials issues in plant design and operations, aspects of thermal design, fuel depletion and fission-product poisoning, and temperature effects on reactivity. Safety considerations in regulations and operations, such as the evolution of the regulatory process, the concept of defense in depth, General Design Criteria, accident analysis, probabilistic risk assessment, and risk-informed regulations. [10]

Text Books:

1. M. M. El-Wakil, *Nuclear Energy Conversion*, American Nuclear Society; Revised edition, 1982
2. John R. Lamarsh and Anthony J. Baratta, *Introduction to Nuclear Engineering*, 3rd Edition, Prentice Hall, 2001
3. S. Glasstone & A. Sessonske, *Nuclear Reactor Engineering*, Vol. I and Vol. II, CBS Publishers & Distributors, New Delhi, 2009

Reference Books:

1. J. F Harve., *Pressure Vessel Design*, CBS Publication, 2001
2. Beach F., *Modern Power Station Practice - Volume D - Electrical System & Equipment*, British Electrical International, 3rd ed., Pergamon Press, 1992

1. **Introduction to Plasma:** Fourth state of matter, Debye shielding, Collective behaviour, Plasma frequency, Plasma in nature and Laboratory, Ionization and Recombination, Coulomb collision, Diffusion, Ambipolar diffusion, diffusion in magnetic field, Plasma Transport processes, Radiations from plasmas, Plasma Sheath [10]
2. **Single particle motions:** Charged particle motion in uniform E and B fields, guiding center approximations, diamagnetism, drift velocities, Adiabatic invariants and magnetic mirrors, particle orbits in Tokamaks [6]
3. **Plasma Theory:** Introduction to kinetic theory, Boltzmann equation, Vlasov plasma model, Fluid model from kinetic model, MHD equation, Concept of magnetic pressure, Frozen field lines, Plasma equilibrium and stability analysis [6]
4. **Wave propagation in Plasma:** Waves in plasma, electron plasma waves and Landau damping and instabilities in plasma, e. m wave propagation in unmagnetized plasma, e. m. wave propagation in a magnetic field, RF plasma heating [6]
5. **Fusion power generation:** Fusion cross-sections and consequent conditions required for ignition and energy production, Lawson criterion, Plasma confinement approaches, Open and closed magnetic systems, Tokamak and stellarators, ICF [6]
6. **Fusion technology:** Plasma heating by neutral beams and RF, Blanket and First wall design, Divertor, ITER project, Safety/ environmental considerations [6]

Text Books:

1. F. F. Chen, Introduction to Plasma Physics, 2nd edition, Plenum Press, 1984
2. T. J. Dolan, Fusion Research, Pergamon Press, 1982
3. J. P. Freidberg, Plasma physics and Fusion Energy, Cambridge University Press, 2007

Reference Book:

1. W. M. Stacy, Fusion Plasma Physics, Wiley-VCH, 2001
2. J. A. Bittencourt, Fundamentals of Plasma Physics, 3rd edition, Springer Int. edition, 2004

1. **Mechanical Properties of Materials:** Fundamentals of materials, Defects & Diffusion in solids, Dislocations and its effects on materials, Dislocation theory, stress fields, strain energy, Basics of fracture and corrosion in materials [8]
2. **Nuclear Fuels:** Extraction process of Uranium, Properties of Uranium metal, UO_2 and UC. [8]
3. **Fuel elements:** Thermal properties, Stress analysis of fuel elements, Fuel Chemistry, Solid fission products, swelling and fission gas bubbles, Fission gas release, corrosion in nuclear reactors, primary failure modes of fuel elements, fabrication of nuclear fuels, production of heavy water. [8]
4. **Radiation damage:** Stages of formation of a displacement cascade, Kinchin-Pease model and various modifications, DPA and DPA rate, computer simulations of radiation damage. [8]
5. **Radiation effects:** Fundamentals of phase transformations (nucleation, spinodal decomposition & order-disorder), void swelling and its effects on material properties, theory of radiation-induced segregation and precipitation. [8]

Text Books:

1. P. D Wilson., Nuclear Fuel Cycle: From ore to wastes, Oxford Press, 1996
2. M Benedict., T.Pigford and H Levi., Nuclear Chemical Engineering, McGraw-Hill, 1981

Reference Book:

1. Gary Was, Fundamentals of radiation materials science , Springer,2007
2. D. R. Olander., Fundamental aspects of nuclear reactor fuel elements, Report No. TID-26711-P1. Technical Information Center, Office of Public Affairs, Energy Research and Development Administration, Oak Ridge, TN (U.S.A.),1985

- I. Navier-Stokes Equations, Classification of partial differential equations and boundary conditions [7]
- II. Flow classifications, flow properties, turbulent flow analysis [6]
- III. Application of FEM & FVM method in heat conduction in multi dimensional system, stability analysis, numerical methods for inviscid flows [8]
- IV. Viscous laminar flows, compressible flows, turbulent flows, Convection, Conduction and Radiation Heat Transfer [8]
- V. Critical Thickness of Insulation, Variable Thermal Conductivity, Conduction Heat Transfer with Internal Heat Generation, Heat Exchanger, Pressure Drop Analysis. [6]
- VI. Fuel, Clad and Coolant Temperatures, Sub channel Analysis of Rod Bundle Fuels, Hotspot and Hot channel Factors, Coolant Channel Orificing, Two-phase Flow and Boiling, Critical Heat Flux [5]

Text Books:

1. James George Knudsen, Donald La Verne Katz, Fluid Dynamics and Heat Transfer, Mc Graw Hill, 1958
2. John Grimson, Advanced Fluid Dynamics and Heat Transfer, Mc Graw Hill, 1971
3. M. M. El-Wakil, Nuclear Heat Transport, McGraw Hill Book Co., New York, 1985
4. S. Glasstone & A. Sessionske, Nuclear Reactor Engineering, Vol I and Vol II CBS Publishers & Distributors, New Delhi, 2009

Reference Books:

1. N. E. Todreas and M. Kazimi, Nuclear Systems Volume I: Thermal Hydraulics Fundamentals, Taylor & Francis Pubs. 2nd Edition, 1989
2. R. T. Lahey and F. J. Moody, The Thermal-Hydraulics of Boiling Water Nuclear Reactor, 2nd Edition, 1993

1. Radioisotopes Engineering and Industrial applications

Applications using gamma ray attenuation, Applications using gamma ray scattering, Borehole logging, Radio gauging principles, Alpha particle gauges based on transmissions, Scattering and ionization effects. Beta transmission gauges for measurements of sheets thickness, density and composition analysis. X-ray fluorescence principles, Neutron gauges, Well logging, Gamma and neutron radiography. Radioisotope power packs. High level radio-isotope applications including radiation therapy sterilization plants, radiation processing and food irradiation. [15]

2. Medical applications

Projection imaging, imaging with external radiation and internal radiation, computerized tomography, positron emission tomography, magnetic resonance imaging, radiation therapy – using photons and electrons, radionuclides, neutrons and heavy charged particles. [10]

3. Nuclear techniques for materials analysis

Basic principles of materials analysis, basic requirements for the technique, nuclear techniques for elemental analysis, main nuclear processes useful for materials analysis, the quantitative estimate, Rutherford back scattering (RBS) and elastic recoil detection analysis(ERDA), Nuclear reaction analysis – principle of the technique and required instrumentation, Nuclear reactions suitable for nuclear reaction analysis, neutron activation analysis, PIXE and XRF techniques. [15]

Text Books:

1. G. Foldiak, *Industrial Application of Radioisotopes*, Elsevier, New York, 1986.
2. Robin P. Gardner and R. L. Ely, *Radioisotope Measurement & Applications in Engineering*,
3. G. A. Johanson and Peter Jackson., *Radioisotope Gauges for Industrial Process Measurement*, John Wiley & Sons.

Reference Books:

1. G. Faure and T. M. Mensing, *Isotopes Principles and Applications*, John Wiley & Sons
2. John Lilley, *Nuclear Physics, Principles and Application*, John Wiley, 2002

List of experiments

1. Characteristics and dead time of a G.M. counter. Counting statistics using a GM counter.
2. Gamma ray absorption in lead/aluminum using a GM counter.
3. Determination of end point energy of β -particles by absorption method using a GM counter.
4. Determination of half-life of ^{116}In using a GM counter.
5. Determination of gamma-ray energy by using a scintillation detector.
6. Determination of the energy resolution of a Si-surface Barrier detector with an ^{241}Am alpha-source.
7. Determination of beta end-point energy from Fermi-Curie plot using an Anthracene scintillation detector.
8. Determination of the photo peak efficiency of a NaI (TI) scintillation detector as a function of gamma ray energy.
9. Determination of the energies of gamma rays using an HPGe detector.
10. Study of γ - γ directional correlation using a ^{60}Co source and a pair of scintillation detectors.
11. Study of angular distribution of Compton scattered gamma rays using a scintillation spectrometer and deduction of total scattering cross section.
12. Determination of rest mass of electron by measuring the energy of Compton scattered gamma rays using a scintillation spectrometer.

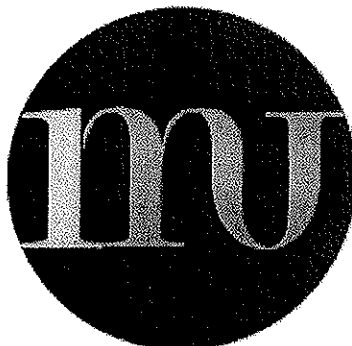
Suggested Books:

1. G.F. Knoll, *Radiation Detection and Measurement*, 3rd Edition, John Wiley and Sons, 2000
2. S. S. Kapoor and V. S. Ramamurthy, *Nuclear Radiation Detectors*, Wiley Eastern Limited, New Delhi, 1986
3. William R. Leo, *Techniques for Nuclear and Particle Physics Experiments: A How-to Approach*, 2nd revised edition, Springer-Verlag, New York Inc., 1994

List of Plasma Experiments

1. Glow discharge characteristic- Paschen curve
2. Density and electron temperature measurement using Langmuir probes in the glow Discharge
3. To study the conditions of striations in Plasma
4. Plasma confinement studies using magnetic field
5. Dielectric barrier discharge- plasma generation at atmospheric pressure
6. Ion acoustic wave propagation in plasma

Mody University of Science & Technology Lakshmangarh (Sikar)



Detailed syllabus for Second year M. Tech. (Nuclear Science and Technology)

Semester III

Subject Code	Subject	Credits
NU 601	Fast Breeder Reactor	3
NU 603	Nuclear Waste storage and Management	3
NU 605	Nuclear security, safety and safeguards	3
NU 607	Seminar	2
NU 609	Preliminary Dissertation	10
	Total Credits	21

1. **Core Physics:** criticality, control rod calculations, excess reactivity computations, enrichment requirements, fuel burn-up and fission product formation. [5]
2. **Thermal Hydraulics:** convective and/or boiling heat transfer at fuel element surface, conductive heat transfer inside elements, pressure drops, heat exchanger calculations, thermodynamic cycle efficiency, steam turbine reheat and regeneration, preheating and inlet sub cooling, fuel chemistry. [4]
3. **Materials:** selection of fuel and cladding, corrosion, pressure vessel materials, post irradiation examination of nuclear fuels. [3]
4. **Pressure Vessel:** stress calculations, materials selection/thicknesses, ASME codes. [3]
5. **Safety:** Safety design principles, Safety in operation, temperature and void coefficients, emergency cooling, hazards considerations. Thermal limits on reactor performance, thermal converters, and fast breeders. [4]
6. **Fast breeder Reactor:** Breeding requirements and fast reactors, Fast reactor system features, Oxide fuels in fast reactors, Carbide/Nitride fuels in fast reactors, Metal fuel development (emphasis on U-Pu-Zr), Zr-Nb applications in reactors. [3]
7. **Fast reactor physics,** Four-group flux and adjoint flux distributions, Reactivity and stability, System response to accident initiators, Fast reactor thermal hydraulics: sodium heat transfer, Natural circulation in fast reactors, SGTR mitigation. [3]
8. Solve problems related to conversion, breeding and doubling times of fast breeder reactors. Difference in neutron spectrum and fuel type between a fast reactor and a LWR affect fast reactor physics and performance. Examples include, but are not limited to, fast reactor kinetics, sodium void coefficients and designs to suppress reactivity excursions. Describe methods of direct nuclear energy conversion such as thermionic, thermoelectric, betavoltaic and fission-electric cells. [5]

Text Books:

1. A.E. Waltar, and A.B. Reynolds, *Fast Breeder Reactors*, Pergamon Press, New York (1981).
2. Richard T. Lahey and Frederick J. Moody, *The Thermal-Hydraulics of Boiling Water Reactors*, 2nd Edition, American Nuclear Society (1993).
3. A.E. Bergles et al., *Two Phase Flow and Heat Transfer in the Power and Process Industries*, Hemisphere Publishing (1981).
4. J.C. Collier, *Convective Boiling and Condensation*, McGraw Hill (1972).

1. Introduction to Nuclear Radioactive Waste:

Nuclear decay law, naturally occurring radioactive materials, background radiation, nuclear fuel cycle [5]

2. Nuclear Waste and Classification:

Low, intermediate and high level nuclear waste, Short-lived waste radionuclides and long-lived waste radionuclides, high-level waste from reprocessing of spent fuel [5]

3. Treatment of Radioactive Waste:

Pre-treatment of radioactive wastes, treatment of liquid and solid radioactive wastes, hydraulic cements in waste immobilization and cementation technology. [5]

4. Radioactive waste immobilization:

Vitrification technology, long term durability of silicate glasses, Ceramic and metallic matrices [4]

5. Nuclear waste storage and disposal: Deep geologic disposal, Repository Requirements and site selection, The multi-barrier concept, Design principles and evaluation methods for geologic waste disposal systems, Regulatory environment and community Issues, International scenarios for permanent disposal [6]**6. Nuclear Waste radionuclide migration in environment:** Fundamental processes and governing equations of radionuclide transport in the environment. Potential environmental impact and assessment of overall Repository performance [5]**Text Books:**

1. R. L. Murray, *Understanding Radioactive Waste*, 4th edition, Battelle Press, 1994

Reference Book:

1. James H. Saling, Audeen W. Fentiman, Yu S. Tang, *Radioactive Waste Management*, Taylor & Francis, 2001
2. Arnold P. Lattefer, *Nuclear Waste Research*, Nova Science Publishers Inc (2008-07-30)

Unit I

Introduction to nuclear security; International and national legal framework regulating of nuclear security; Vulnerability assessment of physical protection systems; Risk assessment and management of State nuclear security measures; Threat assessment;

[5]**Unit II**

Physical protection systems design and evaluation; Physical protection technologies and equipment; Transport security for nuclear and other radioactive material; Nuclear forensics, Nuclear security culture.

[8]**Unit III**

Nuclear security at major public events; Infrastructure and procedures for detection and response to incidents involving nuclear or other radioactive material out of regulatory control; Cooperation of stakeholders at national and international level; IT/cyber security.

[8]**Unit IV**

Nuclear power plant safety requirements, Basic concepts in safety and reliability, Conceptual design of safety systems, Risk and reliability analysis of systems, PSA, DSA, Nuclear Safeguard, Nuclear material accountancy and inventory control of radioactive material.

[9]**Text Books:**

1. E. E. Lewis, Nuclear Power Reactor Safety, **Wiley-Inter science** publication, 1977

Reference Books:

1. K. B. Mishra, Reliability Analysis and Prediction, Elsevier Publications, 1992
2. A. Haldar and S. Mahadevan, Probability, Reliability and Statistical Methods, John Wiley & Sons, 2000

NU 607

Seminar

0-0-0-2

Seminar on Assigned topics based on Nuclear Engineering latest advancements which is not covered in the course content

NU 609

Preliminary Dissertation

0-0-0-10

Department of Nuclear Science & Technology

SET/BOS/NST/2018

Date: 01-06-2018

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 2nd June, 2018 at 11.00 AM in the conference room of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss about the course structure of CBCS Mody University Open Elective Course ET 18.104 "Energy Sources & Sustainable Development" from Autumn Semester of 2018-19 onwards.



(Prof. N. K. Joshi)

HOD, Nuclear Science & Technology

Copy to

1. Dean, SET with a request to chair the meeting
2. Mr. Manish Kumar, Asst. Prof., NST



A Leading Women University

School of Engineering and Technology (SET)

Lakshmangarh (Sikar), Rajasthan 332 311, India

Ph. No.: (1573) 225001-12 • Fax: (01573) 225042

email: dean.set@modyuniversity.ac.in • www.modyuniversity.ac.in

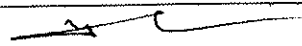
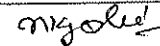
Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 02-06-2018

Time: 3.00 PM Venue: Conference Room, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. V. K. Jain, Dean CET- Chairman	
2	Prof. N. K. Joshi, HOD	 2.06.18
3	Mr. Manish Kumar - Non Member Secretary	

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

**Minutes of meeting of the Board of studies held on 02-06-2018 in the conference Room of
ABB**

Members Present:

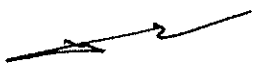
Prof. V. K. Jain, Chairman

Prof. N. K. Joshi

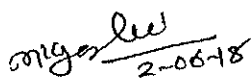
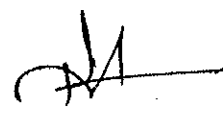
Mr. Manish Kumar- Member Secretary

Agenda: To discuss about the course structure of CBCS Mody University Open Elective Course ET 18.104 "Energy Sources & Sustainable Development" from Autumn Semester of 2018-19 onwards.

Deliberations: The course structure was discussed in detail it was approved that course ET 18.104 "Energy Sources & Sustainable Development" may be introduced as CBCS Mody University Open Elective Course from the academic year 2018-19 onwards. The course will be useful for students to create awareness about different Energy Sources and environmental and societal issues connected with them. The syllabus of this course will be presented for approval in the next UGPC.



(Prof. V. K. Jain)
Dean SET, Chairman


(Prof. N. K. Joshi)
HOD, NST
(Mr. Manish Kumar)
Member Secretary

Department of Nuclear Science & Technology

**Minutes of the meeting of the Board of Studies, Nuclear Science and Technology Department
held on 1-06-2019 in the Room No. F-101, ABB**

Members Present

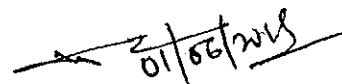
Prof. V. K. Jain, Dean, Chairman
Prof. N. K. Joshi, HOD
Dr. Sudatta Ray- Member Secretary
Mr. Adithya Nair

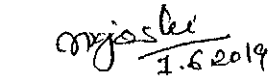
The following agenda was discussed and approved:

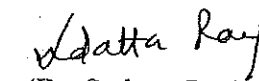
Agenda: To finalize and approve the complete course structure and detailed syllabus as per the guide lines of AICTE/ ABET/ IET/ Mody University guide lines for B. Tech. (Nuclear Science & Technology) for the batch 2017-2021, 2018-2022 and 2019-2023 (onwards);

- (1) To approve course structure and detailed syllabus of III & IV year for the B. Tech. (NST) 2017- 2021 batch
- (2) To approve course structure and detailed syllabus of II, III & IV year for the B. Tech. (NST) 2018- ~~2022~~ batch
- (3) To approve course structure and detailed syllabus of all the four years of the B. Tech. (NST) 2019- 2023 (Onwards)

Meeting ended with the vote of thanks to the Chair.


(Prof. V. K. Jain)
Chairman


(Prof. N. K. Joshi)
HOD, NST


(Dr. Sudatta Ray)
Member Secretary

Department of Nuclear Science & Technology

SET/BOS/NST/2019

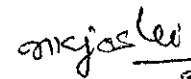
Date: 31-05-2019

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 1st June, 2019 at 2.30 PM in the conference room of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To finalize and approve the complete course structure and detailed syllabus as per the guide lines of AICTE/ ABET/ IET/ Mody University guide lines for B. Tech. (Nuclear Science & Technology) for the batch 2017-2021, 2018-2022 and 2019-2023 (onwards);


(Prof. N. K. Joshi) 31.05.2019

HOD, Nuclear Science & Technology

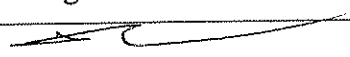
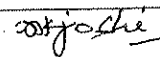
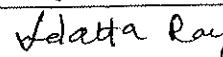
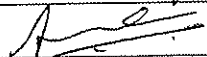
Copy to

1. Prof. V. K. Jain, Dean, Chairman
2. Dr. Sudatta Ray, Asst. Prof., NST

Board of studies meeting, Nuclear Science & Technology Department

Date: 1-06-2019 Time: 2.30 pm Venue: R. No. F-101, ABB

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. V. K. Jain, Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 1.06.2019
3	Dr. Sudatta Ray- Member Secretary	 Sudatta Ray
4	Mr. Adithya Nair	

Department of Nuclear Science & Technology

CET/BOS/NST/2019

Date: 31-05-2019

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 1st June, 2019 at 2.30 PM in the conference room of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To finalize and approve the complete course structure and detailed syllabus as per the guide lines of AICTE/ ABET/ IET/ Mody University guide lines for B. Tech. (Nuclear Science & Technology) for the batch 2017-2021, 2018-2022 and 2019-2023 (onwards);

Prof. N. K. Joshi
31.05.2019
(Prof. N. K. Joshi)

HOD, Nuclear Science & Technology

Copy to

1. Prof. V. K. Jain, Dean, Chairman
2. Dr. Sudatta Ray, Asst. Prof., NST

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

**Minutes of meeting of the Academic Program Committee held on 25-10-2018
in the Room No. F-302, ABB**

Members Present:

Prof. N. K. Joshi - Chairman

Dr. Dinesh Nath- Member Secretary

Ms. Vagisha Nidhi- Member

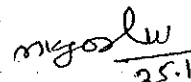
Mr. Paras Kumar- Member

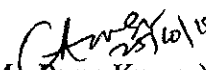
Mr. Vikrant Sharma - Member

The following agenda was discussed and approved:

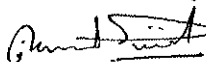
Agenda: To finalize and approve the course structure from **First to Fourth Year (2018-2022)** of the **Four Year B. Tech. program in Nuclear Science & Technology** as per the guidelines of AICTE, ABET/IET/Mody University Model. It is also recommended that this curriculum will be effective for B. Tech. (NST) batch 2017-18. also from their fourth semester onwards.

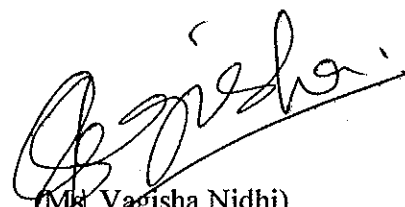
Meeting ended with the vote of thanks to the Chair.


(Prof. N. K. Joshi)
Chairman


(Mr. Paras Kumar)
Member


(Dr. Dinesh Nath)
Member Secretary


(Mr. Vikrant Sharma)
Member


(Ms. Vagisha Nidhi)
Member

Department of Nuclear Science & Technology

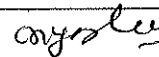
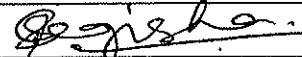
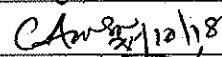
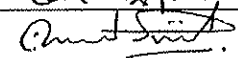
Academic Program Committee Meeting

Date: 25-10-2018

Time: 03.30 PM

Venue: Room No. F-302

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1.	Prof. N. K. Joshi, HOD, NST	 25.10.18
2	Dr. Dinesh Nath, Member Secretary	
3	Ms. Vagisha Nidhi	
4.	Mr. Paras Kumar	 25/10/18
5.	Mr. Vikrant Sharma	

Department of Nuclear Science & Technology

CET/APC/NST/2018

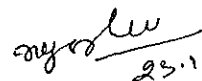
Date: 23-10-2018

NOTICE

A meeting of the academic program committee of Department of Nuclear Science & Technology will be held on 25th Oct., 2018 at 3.30 PM in the Room no. F-302 of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To finalize and approve the course structure from **First to Fourth Year (2018-2022)** of the **Four Year B. Tech. program in Nuclear Science & Technology** as per the guidelines of AICTE, ABET/IET/Mody University Model. It is also recommended that this curriculum will be effective for B. Tech. (NST) batch 2017-18. also from their fourth semester onwards.


23.10.18

(Prof. N. K. Joshi)

HOD, Nuclear Science & Technology

Copy to

1. Dr. Dinesh Nath
2. Ms. Vagisha Nidhi
3. Mr. Paras Kumar
4. Mr. Vikrant Sharma

Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology Department
held on 27-10-2018 in the Room No. F-302, ABB

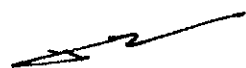
Members Present

Prof. V. K. Jain, Dean, Chairman
Dr. Dheerendra Singh, BITS, Pilani, (Academic Expert), External Member
Prof. N. K. Joshi, HOD
Mr. Paras Singh, EE, Member
Mr. Vikrant Sharma, ME, Member
Dr. Dinesh Nath –Member Secretary

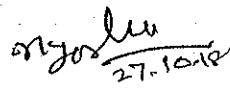
The following agenda was discussed and approved:

Agenda: To finalize and approve the course structure from **First to Fourth Year (2018-2022)** of the **Four Year B. Tech. program in Nuclear Science & Technology** as per the guidelines of AICTE, ABET/IET/Mody University Model. It is also recommended that this curriculum will be effective for B. Tech. (NST) batch 2017-18. also from their ~~fourth~~ semester onwards.

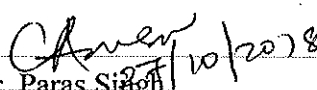
Meeting ended with the vote of thanks to the Chair.



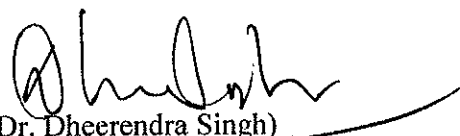
(Prof. V. K. Jain)
Chairman



(Prof. N. K. Joshi)
HOD, NST



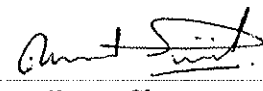
Mr. Paras Singh
(Member)



(Dr. Dheerendra Singh)
External Member



(Dr. Dinesh Nath)
Member Secretary



Mr. Vikrant Sharma
(Member)

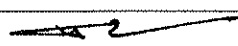
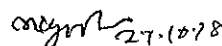
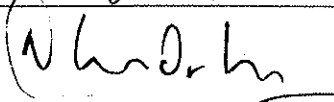
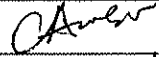
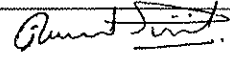
Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 27-10-2018

Time: 10.00 AM Venue: Conference Room, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. V. K. Jain, Dean SET- Chairman	
2	Prof. N. K. Joshi, HOD, NST	 27.10.18
3	Dr. Dheerendra Singh, BITS, Pilani, (Academic Expert), External Member	
4.	Mr. Paras Singh , Member, EE Dept.	
5.	Mr. Vikrant Sharma, ME Dept.	
6.	Dr. Dinesh Nath, Member Secretary	

Department of Nuclear Science & Technology

CET/BOS/NST/2018

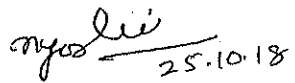
Date: 25-10-2018

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 27th Oct., 2018 at 10.00 AM in the conference room of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To finalize and approve the course structure from **First to Fourth Year (2018-2022)** of the **Four Year B. Tech. program in Nuclear Science & Technology** as per the guidelines of AICTE, ABET/IET/Mody University Model. It is also recommended that this curriculum will be effective for B. Tech. (NST) batch 2017-18 also from their fourth semester onwards.


(Prof. N. K. Joshi)

HOD, Nuclear Science & Technology

Copy to

1. Prof. V. K. Jain, Dean, Chairman
2. Dr. Dheerendra Singh, BITS, Pilani, (Academic Expert), External Member
3. Mr. Paras Singh, EE, Member
4. Mr. Vikrant Sharma, ME, Member
5. Dr. Dinesh Nath –Member Secretary



MODY
UNIVERSITY
LAKSHMANGARH - RAJASTHAN
A Leading Women's University

COLLEGE OF ENGINEERING AND TECHNOLOGY (CET)
Lakshmangarh (Sikar), Rajasthan - 332 317, India
Ph. No. : (01573) 225001-12 • Fax : (01573) 225042
email : deah.cet@modyuniversity.ac.in • www.modyuniversity.ac.in

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

Minutes of meeting of the Board of studies held on 14-06-2017 in the conference Room of ABB

Members Present:

Prof. V. K. Jain, Chairman

Prof. N. K. Joshi

Mr. G. Divya Deepak

Mr. Manish Kumar- Member Secretary

Agenda: Course structure for four year B. Tech. (Nuclear Science and Technology) program starting from the academic session 2017-18 and detailed course syllabus of first two year of this program

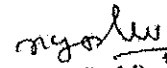
Deliberations: The proposal approved by APC has been put for approval and further discussion to BOS. The course structure for four year B. Tech. (Nuclear Science and Technology) program have been discussed and it was approved that first year course will be same and common with other B. Tech. program running in CET. Since this program is multidisciplinary in nature, so in second and third year, four theory courses and two lab courses from ME, two theory and two lab courses from CSE and two theory courses and two lab courses from EE, one theory course from ECE, one course from management and nine theory courses and three lab courses from nuclear science and technology (NST) have been included in the course structure. In Final year, courses related to nuclear technology along with electives have been included keeping in view the Nuclear Power Program, Radiation Technology Applications and Fusion Technology. The course structure had also been discussed with Prof. R. K. Shivpuri, Adjunct Professor. In the eighth semester, the students will also submit an undergraduate thesis (10 credits). The members also discussed in depth about the detailed syllabus of first two years of this program. It was agreed by all members present to put the course structure for four year B. Tech. (Nuclear Science & Technology) program and detailed syllabus of the first two years to coming UGPC meeting for approval. The detailed syllabus of the third and fourth year of this program is being prepared and will be presented for approval in the next UGPC after detailed discussions with experts in the field.


(Prof. V. K. Jain)

Dean CET, Chairman


(Mr. G. Divya Deepak)

Member


(Prof. N. K. Joshi)

HOD, NST


(Mr. Manish Kumar)

Member Secretary

Department of Nuclear Science & Technology

CET/BOS/NST/2017

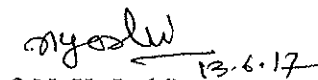
Date: 13-06-2017

NOTICE

A meeting of the Board of Studies, Department of Nuclear Science & Technology will be held on 14th June, 2017 at 3.00 PM in the conference room of the A.B. Building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss about the course structure of 4- year B. Tech. (Nuclear Science and Technology) program and detailed syllabus of first and second year of this program from the academic year 2017-18 onwards.


(Prof. N. K. Joshi) 13.6.17

HOD, Nuclear Science & Technology

Copy to

1. Dean, CET with a request to chair the meeting
2. Mr. G. Divya Deepak
3. Mr. Manish Kumar



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act. 1956)

College of Engineering and Technology

Lakshmanagarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

Website: www.modyuniversity.ac.in

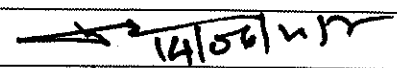
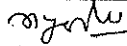
Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 14-06-2017

Time: 3.00 PM Venue: Conference Room, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. V. K. Jain, Dean CET- Chairman	 14/06/17
2	Prof. N. K. Joshi, HOD	 14.06.17
3	Mr. G. Divya Deepak	 14/06/17
4	Mr. Manish Kumar - Non Member Secretary	 14.06.17

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

Minutes of meeting of the Board of studies held on 14-06-2017 in the conference Room of ABB

Members Present:

Prof. V. K. Jain, Chairman

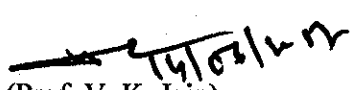
Prof. N. K. Joshi

Mr. G. Divya Deepak

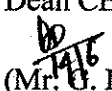
Mr. Manish Kumar- Member Secretary

Agenda: Course structure for four year B. Tech. (Nuclear Science and Technology) program starting from the academic session 2017-18 and detailed course syllabus of first two year of this program

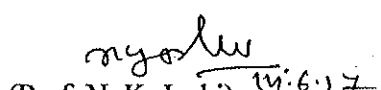
Deliberations: The proposal approved by APC has been put for approval and further discussion to BOS. The course structure for four year B. Tech. (Nuclear Science and Technology) program have been discussed and it was approved that first year course will be same and common with other B. Tech. program running in CET. Since this program is multidisciplinary in nature, so in second and third year, four theory courses and two lab courses from ME, two theory and two lab courses from CSE and two theory courses and two lab courses from EE, one theory course from ECE, one course from management and nine theory courses and three lab courses from nuclear science and technology (NST) have been included in the course structure. In Final year, courses related to nuclear technology along with electives have been included keeping in view the Nuclear Power Program, Radiation Technology Applications and Fusion Technology. The course structure had also been discussed with Prof. R. K. Shivpuri, Adjunct Professor. In the eighth semester, the students will also submit an undergraduate thesis (10 credits). The members also discussed in depth about the detailed syllabus of first two years of this program. It was agreed by all members present to put the course structure for four year B. Tech. (Nuclear Science & Technology) program and detailed syllabus of the first two years to coming UGPC meeting for approval. The detailed syllabus of the third and fourth year of this program is being prepared and will be presented for approval in the next UGPC after detailed discussions with experts in the field.


(Prof. V. K. Jain)

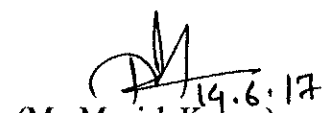
Dean CET, Chairman


(Mr. G. Divya Deepak)

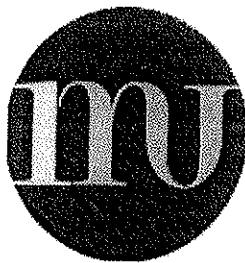
Member


(Prof. N. K. Joshi)

HOD, NST


(Mr. Manish Kumar)

Member Secretary



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act, 1956)

College of Engineering and Technology

Lakshnagarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

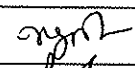
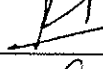
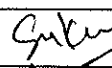
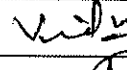
Website: www.modyuniversity.ac.in

Department of Nuclear Science & Technology

Academic Program Committee Meeting

Date: 13-06-2017 Time: 10.30 AM Venue: Room: F-302, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. N. K. Joshi, HOD NST - Chairman	 13.6.17
2	Prof. P. P. Bhattacharya, ECE	 13/06/17
3	Dr. S. Y. Kumar, EE	 13/6/17
4	Dr. Vinod Maan, CSE	 13.6.17
5	Mr. Atul Kumar, ME	 13/6/17
6	Mr. G. Divya Deepak, NST, Member Secretary	 13/6/17

DEPARTMENT OF NUCLEAR SCIENCE & TECHNOLOGY

**Minutes of meeting of the Academic Program Committee held on 13-06-2017
in the Room No. F-302, ABB**

Members Present:

Prof. N. K. Joshi, NST- Chairman

Prof. P.P. Bhattacharya, ECE

Dr. S.Y. Kumar, EE

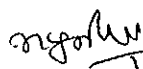
Dr. Vinod Maan, CSE

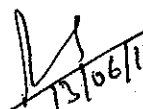
Mr. Atul Kumar, ME

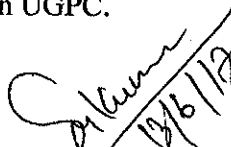
Mr. G. Divya Deepak, NST- Member Secretary

Agenda: Course structure for four year B. Tech. (Nuclear Science and Technology) program starting from the academic session 2017-18 and detailed course syllabus of first two year of this program

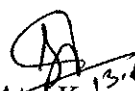
Deliberations: The course structure for four year B. Tech. (Nuclear Science and Technology) program have been discussed and it was agreed that first year course will be same and common with other B. Tech. program running in CET. Since this program is multidisciplinary in nature, so in second and third year essential courses from mechanical, electrical, electronics, instrumentation and computer sciences along with fundamental courses for Nuclear Technology have been included in the course structure. In Final year, specialized course with electives have been included keeping in view the nuclear power program, radiation technology applications and Fusion Technology. The members also discussed in depth about the detailed syllabus of first two years of this program. It was agreed by all members present to put the proposed curriculum and detailed syllabus of the first two years to BOS meeting for approval. After approval from BOS, it may be put up in UGPC.


13.6.17
(Prof. N. K. Joshi)
Chairman

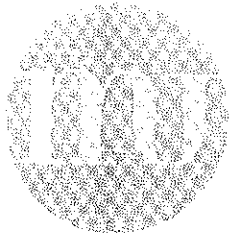

13/06/17
(Prof. P.P. Bhattacharya)
Member


13/6/17
(Dr. S.Y. Kumar)
Member


13.6.17
(Dr. Vinod Maan)
Member


13.6.17
(Mr. Atul Kumar)
Member


13/6/17
(Mr. G. Divya Deepak)
Member Secretary



Modj University of Science & Technology
Established by Government of India under the Ministry of Education, Government of India

College of Engineering and Technology
Lakshminagarh, Sikar - 332311 (Rajasthan)
Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225012
Website: www.modjuniversity.ac.in

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology

Department held on 27-05-2016 in the Conference Room of ABB

Members Present

Prof. M. K. Jha, Chairman

Prof. N. K. Joshi, HOD

Mr. G. Divya Deepak

Mr. Manish Kumar – Non Member Secretary

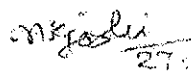
Agenda: Change in the course structure and detailed syllabus for two year M. Tech. (Nuclear Science & Technology) program from the academic session 2016-17 onwards

Deliberations:

It was agreed that the course code for this program will start with NU instead of NE in the proposed curriculum structure, HOD informed the members that the proposed curriculum structure and detailed syllabus have also been discussed informally with Prof. R. K. Shivpuri, Adjunct Professor. The new courses introduced are "Radiation Technology and its applications", "Nuclear waste storage and management" and "Integrated engineering lab" to give a wider exposure to students. The course like "Nuclear Power Plant Operation and Control" has been dropped. Members discussed in depth about the proposed curriculum structure and detailed syllabus for 2- year M. Tech (Nuclear Science and Technology) program from the academic session 2016-2017 onwards. It was agreed by all members present to put the proposed curriculum structure and detailed syllabus to coming PGRPC meeting for approval.


(Manish Kumar)

Non Member Secretary


(Prof. N. K. Joshi)

HOD, NST


(Prof. M. K. Jha)

Associate Dean, CET - Chairman

(N)

Mody Institute of Technology and Science

Faculty of Engineering and Technology

Combined Board of Studies

Minutes of the meeting held on Wednesday, 28th April 2012 in Room No. 32,

New FET Building at 4.30 PM

Chairman: Prof. P.K. Das – Dean, FET

Members Present:

- | | | | |
|-----|----------------------|------------|--------|
| 1. | Prof. A.K.Sharma | <i>AKS</i> | Member |
| 2. | Prof. A. Mukherjee | <i>AM</i> | Member |
| 3. | Prof. K. Singh | <i>KS</i> | Member |
| 4. | Prof. V.P. Shukla | <i>VPS</i> | Member |
| 5. | Prof S.K.Lenka | <i>SKL</i> | Member |
| 6. | Mr. S. K. Vashisth | <i>SV</i> | Member |
| 7. | Dr. Kushal Qanungo | <i>KQ</i> | Member |
| 8. | Dr. Brajraj Singh | <i>BS</i> | Member |
| 9. | Mr K.Rawat | <i>KR</i> | Member |
| 10. | Mr. P.K.Bishnoi | <i>PKB</i> | Member |
| 11. | Mr. S.S.Verma | <i>SSV</i> | Member |
| 12. | Mr. Suneet Gupta | <i>SG</i> | Member |
| 13. | Mr. P.K. Bishnoi | <i>PKB</i> | Member |
| 14. | Ms V. Mann | <i>VM</i> | Member |
| 15. | Mr. Nishceeth Saxena | <i>N.S</i> | Member |

A discussion of the members of the **BOS** of Science and Humanities and the members of BOS of the Department of Computer Science and Engineering was held on Saturday 28th April, 2012 and the following agenda was considered:

Agenda:

To consider the change of syllabus of Numerical Computation (MA501) --for First year MCA programme and replace it with Numerical Computation (MA 517)

It was proposed and agreed that MA 517 -- Numerical Computation (syllabus enclosed) will replace MA 501 (syllabus enclosed)

S. S. Verma
Dr. Sangeeta Chakrabarti

P. K. Das
Prof. P.K. Das

Total Lectures: 40

1. **Numerical Methods:** Finite differences and difference tables, interpolations (equal and unequal intervals), Newton formulae for forward and backward interpolation, divided difference interpolation formula, Lagrange's interpolation formula, numerical differentiation and integration, Simpson, Trapezoidal and Weddle rules, solution of ordinary differential equations by Runge-Kutta and predictor-corrector method, solution of algebraic and transcendental equations by bisection method, Regula falsi method and Newton-Raphson method. 16
2. **Difference equations:** Algebra and calculus of finite differences, solutions, generating functions, linear difference equations, generating function method, application to interest problems and cobweb cycle. 14
3. **Correlation and Regression:** Correlation, lines of regression and curve fitting by least squares method (straight line and parabola). 10

Text Books:

1. Chapra, S.C. and Canale, R.P., "Numerical Methods for Engineers, Tata McGraw Hill Publishing Co. Ltd, 2007.
2. Rajaraman, V., "Computer Oriented Numerical Methods", Prentice Hall of India, New Delhi 2012.
3. Balaguruswamy, E., "Numerical Methods", Tata McGraw Hill Publishing Co. Ltd, 2008.
4. Sastry, S.S., "Methods of Numerical Analysis", Prentice Hall of India, New Delhi 2012.

Reference Books:

1. Jain, M.K., "Numerical Solution of Differential Equation", New Age International Publishers, 2008.
2. Schilling, R.J. and Harris, S.L., "Applied Numerical Methods for Engineers using MATLAB and C", 2007.
3. Grewal, B.S. and Grewal, J.S., "Higher Engineering Mathematics", Khanna Publishers, Daryaganj, New Delhi, 2007.
4. Constantinides, A., "Applied Numerical Methods with Personal Computers", McGraw Hill Book Co., 1987.

Total Lectures: 40

1. **Numerical Methods:** Finite differences and difference tables, Newton formulae for forward and backward interpolation, finite difference interpolation formula (equal and unequal intervals). Numerical differentiation, numerical integration, Simpson, Trapezoidal and Romberg's rules. 10
2. **Numerical solution of equations:** Solution of ordinary differential equations by Euler's method, modified Euler's method, Runge-Kutta and predictor-corrector method. Solution of algebraic and transcendental equations by bisection method, Regula falsi method and Newton-Raphson method. 10
3. **Solution of simultaneous linear equations:** Direct method, Gauss elimination method. Iterative method: Gauss-Seidel method. Solution of partial differential equations by finite difference approach. 10
4. **Univariate and multivariate data analysis:** Measures of central tendency, measures of dispersion, correlation, regression analysis 10

Text Books:

1. Chapra, S.C. and Canale, R.P., "Numerical Methods for Engineers", Tata McGraw Hill Publishing Co. Ltd, 2007.
2. Rajaraman, V., "Computer Oriented Numerical Methods", Prentice Hall of India, New Delhi 2012.
3. Balaguruswamy, E., "Numerical Methods", Tata McGraw Hill Publishing Co. Ltd, 2008.
4. Sastry, S.S., "Methods of Numerical Analysis", Prentice Hall of India, New Delhi 2012.

Reference Books:

1. Jain, M.K., "Numerical Solution of Differential Equation", New Age International Publishers, 2008.
2. Schilling, R.J. and Harris, S.L., "Applied Numerical Methods for Engineers using MATLAB and C", 2007.
3. Grewal, B.S. and Grewal, J.S., "Higher Engineering Mathematics", Khanna Publishers, Daryaganj, New Delhi, 2007.
4. Constantinides, A., "Applied Numerical Methods with Personal Computers", McGraw Hill Book Co., 1987.

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

**Minutes of the meeting of the Board of Studies, Nuclear Science and Technology
Department held on 13-09-2013 in the Room no. F-502 of New FET Building**

Members Present

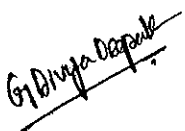
Prof. J. V. Desai, Chairman

Prof. N. K. Joshi, HOD

Mr. G. Divya Deepak – Non Member Secretary

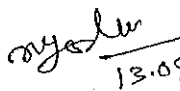
Deliberations & Resolution:

Members discussed about the proposed course code allotment to “Summer Project”. It was resolved that course code for summer project will be NE-542. It was agreed by all members to submit the curriculum structure with this course code and put it in 26th meeting of PGPRC as agenda points and for approval.



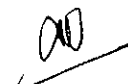
(Divya Deepak)

Non Member Secretary


13.09.13

(Prof. N. K. Joshi)

HOD, NST



(Prof. J. V. Desai)

Dean, FET- Chairman

Mody Institute of Technology & Science, Lakshmangarh
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

No. FET/ BOS-3/13

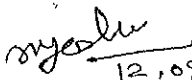
Date: 12-09-2013

NOTICE

A Board of studies, Department of Nuclear Science & Technology meeting will be held on 12th Sept. 2013 at 10.00 AM in the Room no. F-502 of the New FET building as per agenda.

Members are requested to kindly make it convenient to attend.

Agenda: To discuss about the allotment of course code to “ Summer Project” in the curriculum structure of second semester of 2- year M. Tech (NST) program for the academic year 2012-13 onwards


12.09.13
(N. K. Joshi)
HOD, NST

Copy to

1. Dean, FET with a request to chair the meeting
2. Mr. G. Divaya Deepak

M. Tech. Nuclear Science and Technology

Two-Year Programme

Academic Curriculum (2013 – onwards)

First Year

First Year										
Autumn Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	MA 521	Engineering Mathematics & Numerical Analysis	3	1	0	4	3	10	40	50
	NE 501	Quantum Mechanics and Electrodynamics	3	1	0	4	3	10	40	50
	NE 503	Nuclear Physics	3	1	0	4	3	10	40	50
	NE 505	Reactor Physics	3	1	0	4	3	10	40	50
	NE 525	Nuclear Power Engineering -I	3	1	0	4	3	10	40	50
	NE 513	Simulation Methods	2	0	0	2	3	20	40	40
	NE 523	Computer programming lab	0	0	4	2	3	20	40	40
	Sub Total			17	5	4	24			
Spring Semester	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
	NE 520	Nuclear power plant Operation & Controls	3	1	0	4	3	10	40	50
	NE 522	Radiation Physics, Instruments and Shielding	3	1	0	4	3	10	40	50
	NE 524	Physics and Technology of Nuclear Fusion	3	1	0	4	3	10	40	50
	NE 526	Nuclear Power Engineering- II	3	1	0	4	3	10	40	50
	NE 528	Reactor Thermal Hydraulics	3	1	0	4	3	10	40	50
	NE 530	Nuclear Laboratory	0	0	6	3	2	20	40	40
	NE 532	Plasma Laboratory	0	0	2	1	1	20	40	40
	Sub Total			15	5	8	24			
✓ NE-542	Summer Project				2		100			

Approved in 28th meeting of PABRC
nyoslu

M. Tech. Nuclear Science and Technology
Two-Year Programme
Academic Curriculum (2013 – onwards)
Second Year

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage(%)		
			L	T	P		Hours	CW*	MTE*	ETE
Autumn Semester	NE 603	Fast breeder reactor & Nuclear Engineering materials	2	1	0	3	3	10	40	50
	NE 605	Nuclear plant safety & Regulatory Frame work	2	1	0	3	3	10	40	50
	NE 607	Seminar	0	0	0	4	2	20	40	40
	NE 601	Preliminary Dissertation	0	0	0	10		100		
	Sub Total		6	2	0	20				

	Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weightage (%)		
			L	T	P		Hours	CW*	MTE*	ETE
Spring Semester	NE 602	Final Dissertation	0	0	0	20	-	100		

Total credits: 24+24+2+20+20=90

CW* -- Class assignment, MTE* - Two Mid-Term Examination of 20 marks each
ETE- End Term Examination at the end of semester

Reconstitution of BOS

Registrar

Sent: Thursday, April 11, 2013 11:15 AM

To: Dr. J. V. Desai; dean fms; Dean FOL

Dear Sir,

Kindly send the updates constitution of the Boards of Studies of your faculty for ratification by the Senate in its next meeting.

With due Regards,

Registrar

Mody Institute of Technology & Science
Lakshmangarh, Distt. Sikar (Rajasthan)

circulate to
all heads
MD

HOD, CSE
HOD, ECE/EE
HOD, IT
HOD, SSH
HOD, ME
HOD, NST
HOD, MCA

Mody Institute of Technology & Science
Lakshmanagrah (Sikar)- 332311

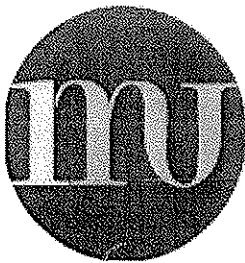
Faculty of Engineering & Technology
Department of Nuclear Science & Technology

List of Members of Board of Studies (07-01-2013)

1. Chair Person- Dean of Faculty : Prof. J. V. Desai
2. Co- Chairperson – Head of the Department : Prof. N. K. Joshi
3. Adjunct Professor : Prof. R. K. Shivpuri
4. Two Associate Professors (Nominate : (1) Mr. Vikram Rathore
Assistant professor, in case there is no : (2) Mr. G. Divya Deepak
Associate professor)
5. Experts from relevant field of academics : Prof. P. Munshi- IIT, Kanpur
6. Experts from Industry : Dr. M. L. Jayanth Kumar- Former BARC

meys

Anil Sami on 22/4/13



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act, 1956)
College of Engineering and Technology
Lakshmanagarh, Sikar -332311 (Rajasthan)
Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042
Web site: www.modyuniversity.ac.in

Department of Nuclear Science & Technology

Minutes of the meeting of the Board of Studies, Nuclear Science and Technology

Department held on 13-09-2016 in the Room No. F-302, ABB

Members Present

Prof. V. K. Jain, Dean-Chairman

Prof. N. K. Joshi, HOD

Prof. Ashok Khanna

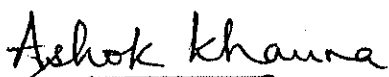
Mr. G. Divya Deepak

Mr. Manish Kumar – Non Member Secretary

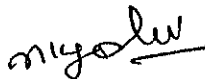
Agenda: Discussion regarding syllabus of the course NU-702 “Advances in Nuclear Science & Technology” to be introduced for Ph. D. Students

Deliberations:

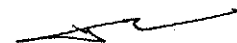
HOD informed that a mandatory departmental paper for all Ph. D. students registered in the Department of Nuclear Science & Technology is being introduced from the academic session 2016-2017. The purpose of this course is to give a broad understanding of the various research areas with fundamental concepts. It was decided after discussions that syllabus may be composed of six units namely (i) Thermal Hydraulics (ii) Nuclear Materials (iii) Nuclear Fuel Cycle (iv) Nuclear Safety, Security and Safeguards (v) Radiation Detection and (vi) Plasma Technology. The final version of course syllabus will be compiled by Prof. N. K. Joshi after getting the inputs from all concerned faculty. The student can choose any four units out of six units. The student should inform about her/ his choice to the head of department in writing. It was agreed by all members present to put the proposed final version of course syllabus in the coming PGRPC meeting for approval.



(Prof. Ashok Khanna)



(Prof. N. K. Joshi)



(Prof. V. K. Jain)



(Mr. Manish Kumar)



(Mr. G. Divya Deepak)

*This paper is mandatory for all Ph. D. students registered in the department of nuclear science & technology. The purpose of this course is to give a broad understanding of the various research areas with fundamental concepts. Out of the six units mentioned here, student can choose any four units. The student should inform about her/ his choice to the head of department in writing.

1. **Thermal Hydraulics:** Thermal Hydraulic Characteristics of various reactors; Reactor Heat Generation & decay heat; Thermodynamics of fuel-coolant interaction & Containment pressurization; Thermal Analysis of Fuel Elements: Turbulent flow, Pressure Drop in bundles/area changes, Heat Transfer, Flow Regimes, Void-Quality-Slip Relations & Models, Pressure Drop, Critical Flow; 2-phase heat transfer: Boiling crises, Critical Heat flux, Thermal design and analysis: Multiple and Sub-channels [10]
2. **Nuclear Materials:** Survey of Material Selection and Mechanical Properties of fuel, structure, cladding, moderator and reflector, The Language of Materials Science Symmetry, Thermodynamics Phase of Diagrams & Phase Transformations, Free Energy Origins of Phase Diagrams, Material Deformation and Failure Free Energy, Point Defects, Dislocations, 2D & 3D Defects, Stress, Strain, Plasticity, Creep, Fracture, Failure, Radiation Damage and Effects, Stopping Power, Displacement Rates, Radiation Point Defect Kinetics, Radiation Effects in Materials & Fuels. [10]
3. **Nuclear Fuel Cycle:** Nuclear Fuel Resources: Mining and Milling, Conversion, Enrichment through Gas Diffusion, Centrifuge, Separation Nozzle and Lasers; Reactor Physics Calculations: Core Reload, Fuel Depletion, Burnable Poison & Control Rods, In core fuel management: multiple batches & fuel loading patterns, extendable burn up; Reprocessing and Recycling: PUREX, UREX; Materials Accountability, U & Pu recycle Economics [10]
4. **Nuclear Safety, Security and Safeguards:** Introduction to nuclear security; International and national legal framework regulating of nuclear security; Threat assessment; Physical protection systems design and evaluation; Physical protection technologies and equipment; Nuclear security culture; Nuclear power plant safety requirements, Basic concepts in safety and reliability, Conceptual design of safety systems, Nuclear Safeguard, Nuclear material accountancy and inventory control of radioactive material. [10]
5. **Radiation Detection:** Radiation sources, Synchrotron radiation, Counting statistics and error prediction, General properties of radiation detectors, Scintillation detectors, PMT & Photo diodes, Semiconductor diode detectors, Gamma ray spectroscopy, Background and detector shielding [10]



6. **Plasma Technology:** Plasma production in lab using D.C., A.C., RF and Microwave, Glow and Arc discharge, DBD discharges, Atmospheric Pressure plasma jets, Spectroscopic diagnostics, Applications of non-equilibrium plasmas, Plasma Torches & applications, Important Tokamak experiments, Plasma heating, Plasma wall interaction

[10]

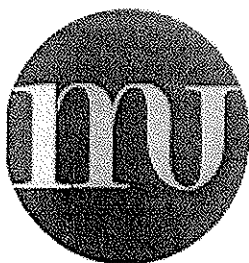
Text Books:

1. Collier, J. G., and J. R. Thome. *Convective Boiling and Condensation*. 3rd ed. NY: Oxford University Press.
2. Todreas, N. E. and M. S. Kazimi. *Nuclear Systems*. Vol 1 & 2. New York, NY: Francis & Taylor, 2012
3. Allen, Todd, Jeremy Busby, et al. "Materials Challenges for Nuclear Systems." *Materials Today* 13, no. 12 (2010):
4. Was, G. S *Fundamentals of Radiation Materials Science: Metals and Alloys*. Springer, 2007,
5. Jiang, Qing, and Zi Wen. *Thermodynamics of Materials*. Springer, 2011
6. The Nuclear Fuel Cycle by Nicholas Tsoulfanidis, ANS publication 2012
7. E. E. Lewis, Nuclear Power Reactor Safety, *Wiley-Inter science* publication, 1977
8. International Atomic Energy Agency, Development, Use and Maintenance of the Design Basis Threat, IAEA Nuclear Security Series No. 10, IAEA, Vienna (2009)
9. Roth, J. R., Industrial Plasma Engineering, Vol. 1 & 2, IOP Publishing Ltd, 1995
10. John Wesson Tokomaks (4th Edition), Oxford University Press, 2011
11. Knoll, G. F., Radiation detection and Measurement, 3rd edition, Wiley India, 2009

Reference Books:

1. International Atomic Energy Agency, Handbook on Physical Protection of Nuclear Material and Facilities, IAEA-TECDOC-1276, Vienna (2002).
2. Dolan, T. J, Fusion Research :Principles, Experiments & Technology, Pergamon Press, 2000

myorlu
13.09.2016



Mody University of Science & Technology
(Established under Rajasthan state legislature & covered under section 2(f) of the UGC Act, 1956)

College of Engineering and Technology

Lakshmangarh, Sikar -332311 (Rajasthan)

Phone: (01573) 225001 to 225012 (12 lines) Fax: (01573) 225042

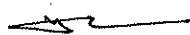
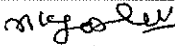
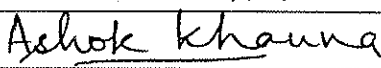
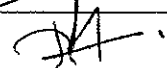
Web site: www.modyuniversity.ac.in

Department of Nuclear Science & Technology

Board of Studies Meeting

Date: 13-09-2016 Time: 3.30 PM Venue: Room: F-302, A. B. Building

ATTENDANCE SHEET

S. No.	Name	Signature with Date
1	Prof. V. K. Jain, Dean- Chairman	
2	Prof. N. K. Joshi, HOD	 13.9.2016
3	Prof. Ashok Khanna	 Ashok Khanna
4	Mr. G. Divya Deepak	
5	Mr. Manish Kumar - Non Member Secretary	

Minutes of meeting of the **Board of Studies (B.O.S) in Electrical Engineering Department, CET, Mody University of Science and Technology** held on 29 April 2017 at 10.45 AM in the conference room of AB building.

Members present:

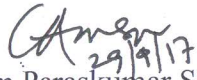
Dean-CET/Nominee (Chairman), Dr. Sudhir Y Kumar, Mr. Thoudam Paraskumar Singh, Mr. Pramod Kumar Bhatt, Mr. Bharat Maria, (External Member-Industry), Mrs. Sunita Kumari – Special Invitee and Mrs. Ritu Tak – Special Invitee.

Dr. Bharat Singh Rajpurohit Could not attend the meeting

The following points were discussed and approved:

1. The members of BOS noted the course structure and course curriculum of **Third Year (2015-16)** of the 4-year B. Tech program in Electrical Engineering and approve the same.
2. The members of BOS noted the course structure and course curriculum of **Fourth Year (2015-16)** of the 4-year B. Tech program in Electrical Engineering and approve the same.
3. The members of BOS noted the course structure and course curriculum of **Specialized B. Tech (EE) program in Control and Automation** of the 4-year B. tech program in Electrical Engineering and approve the same.
4. The members of BOS noted the course structure and course curriculum of **Specialized B. Tech (EE) program in Power Electronics, Drives and Robotics** of the 4-year B. Tech program in Electrical Engineering and approve the same.
5. The BOS directed to place all the approvals before the next UGPC.

Meeting ended with the vote of thanks to the chair.


Thoudam Paraskumar Singh
(Member Secretary-BOS)


Dr. Sudhir Y Kumar
(Head, EE, CET)


29.04.2017
f Dean, CET
(Chairman-BOS)

Copy to:
Chairman-BOS in EE
Head, EE
All members above

Date: 05.10.2016

Minutes of meeting of the **Board of Studies (B.O.S) in Electrical Engineering Department of CET**, Mody University of Science and Technology held on 05.10.2016 at 9:30 AM in the conference room of AB Building.

Members present:

Dean-CET (Chairman), Dr. Sudhir Y Kumar, Mr. Thoudam Paraskumar Singh, Mr. Pramod Kumar Bhatt, Mr. Bharat Bharia, (External Member-Industry), Mrs. Sunita Kumari-Special Invitee and Mrs. Ritu Tak- Special Invitee.

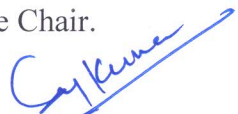
Dr. Bharat Singh Rajpurohit could not attend the meeting.

The following points were discussed and approved:

1. The members of BOS noted the course structure and course curriculum of **Fourth Year (2014-2015)** of the 4-year B. Tech program in Electrical Engineering and approved the same.
2. The members of BOS noted the course structure and course curriculum of **B. Tech. in Electrical Engineering (Specialization in Renewable Energy)**, 4-year programme from academic session 2017-2018 and approved the same.
3. The members of BOS also proposed two more specialization programme from academic session 2017-2018, namely (a) **B. Tech. Electrical Engineering (Specialization in Control and Automation)** (b) **B. Tech. Electrical Engineering (Specialization in Power Electronics, Drives and Robotics)**, 4-year B. Tech program, and approved the same. The detailed course structure and syllabus to be submitted later on.
4. The members of BOS noted the course structure and course curriculum of **M. Tech. in Renewable Energy** from academic session 2017-2018, 2-year programme and approved the same.
5. The BOS directed to place all the approvals before the next UGPC/PGRPC.

Meeting ended with the vote of thanks to the Chair.


Pramod Kumar Bhatt
(Member Secretary-BOS)


Dr. Sudhir Y Kumar
Head, EE, CET


for Dean, CET
Chairman-BOS
05.10.2016

Copy to:
Chairman-BOS in EE
HOD-EE
All members above

SOL BOS
MINUTES

SOL BOS
MINUTES

MINUTES OF THE BOARD OF STUDIES (SOL)

THE BOARD OF STUDIES (BOS) OF SOL

Meeting of Board of Studies (SOL) was held on July 26, 2021 at 11:00 a.m. through online mode. Following were present:-

- | | |
|------------------------------|------------------------------|
| 1. Prof. Satish C. Shastri | - Chairman |
| 2. Prof. V. Tayal | - External Member and Expert |
| 3. Dr. Aseem Chandra Paliwal | - Member Secretary |
| 4. Ms. Sangeeta Jakhar | - Member |
| 5. Ms. Navna Singh | - Member |

Following resolutions were adopted by the BOS:-

As per the requirement of UGC and The Bar Council of India, present Curriculum (i.e. Course Structure and Course Description) were reviewed and revamped by the BOS Committee, which is as follows:-

(1) Restructuring in Curriculum (i.e. Course Structure) of LL.M. (2-year) Programme was approved by the committee as the BCI New Delhi, has declared in its curricular dated 7 Feb 2020, that in future LL.M (2-Year) Programme will be made applicable. [See Annexure-A]

(2) Revision and Restructuring in Curriculum of both B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme.

(a) Courses Shuffled/ Swapped - Following are the list of Courses Shuffled in the Curriculum with new Course Codes: - [See Annexure-B]

(i) Course Intellectual Property Rights (LF 591) shifted from V Year (Autumn Semester) B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme to III Year (Spring Semester) B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme and the new Course Code is (LF 382).

(ii) Course Human Rights and Humanitarian Law (LF 481) shifted from IV Year (Autumn Semester) B.A./B.B.A./B.Com. LL.B.

Five- Year Integrated and Hons. Programme to V Year (Autumn Semester) B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme and the new Course Code is (LF 543).

- (iii) Course Environmental Law (LF 412) shifted from IV Year (Spring Semester) B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme to V Year (Autumn Semester) B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme and the new Course Code is (LF 533).

Suggested changes in **point (2) (a)** will be made applicable for the students who took admission in the batch **2019-2020, 2020-2021 and 2021-2022** onwards.

- (b) **Courses Dropped** - Following Courses have been dropped from the Curriculum:- [See Annexure-B]

- (i) Media and Law (LF 581)
- (ii) Right to Information (LF 551)
- (iii) Women and Law (LF 282)

Suggested changes in **point (2) (b) (i) & (ii)** will be made applicable for the students who took admission in the batch **2019-2020, 2020-2021 and 2021-2022** onwards.

Suggested changes in **point (2) (b) (iii)** will be made applicable for the students who took admission in the batch **2021-2022** onwards.

(3) It will not be out of place to mention that the Hons. Courses in Branch Intellectual Property Law and in Branch Constitutional Law were approved by Academic Council held in the Year 2019, and Hons. Course in **Branch Business Law** have been **dropped**.

(4) Revision and Restructuring in Curriculum of **LL.B. Three-Year Programme**.

- (a) **Course Codes Replaced** - Following are the list of Courses with new Course Codes which are replaced due to the swapping of

courses in the B.A./B.B.A./B.Com. LL.B. Five- Year Integrated and Hons. Programme: - [See Annexure-C]

- (i) Intellectual Property Rights (LF 382)
- (ii) Human Rights and Humanitarian Law (LF 543)
- (iii) Environmental Law (LF 533)

Suggested changes in point (4) (a) will be made applicable for the students who took admission in the batch **2021-2022 onwards**.

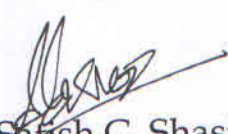
(b) **Courses Dropped** - Following are the list of Courses dropped from the Curriculum:- [See Annexure-C]

- (i) Media and Law (LF 581)
- (ii) Right to Information (LF 551)

Suggested changes in point (4) (b) (i) will be made applicable for the students who took admission in the batch **2020-2021 onwards**, and Suggested changes in point (4) (b) (ii) will be made applicable for the students who took admission in the batch **2021-2022 onwards**.

As per the requirement of UGC and The Bar Council of India, present Curriculum (i.e. Course Structure and Course Description) will again be reviewed by the Committee after six months (before the opening of new Session - 2022-2023).

The agenda was approved by the Committee.
The meeting ended with a vote of thanks to the chair.


Prof. Satish C. Shastri
(Dean & Chairperson)


Dr. Aseem Chandra Paliwal
(Member Secretary, BOS)


Ms. Sangeeta Jakhar
(Member)


Ms. Navna Singh
(Member)



sangeeta.jakhar44@gmail.com

to vkt5560, acpaliwal.sls, dean.sol, navnasingh.clg, me ▾

3:52 PM (0 minutes ago)



MEETING OF BOARD OF STUDIES OF SCHOOL OF LAW, MUST

Monday, July 26-11:00am – 12:00pm

Join with Google Meet

meet.google.com/kgg-qbpr-hta

Description:RESTRUCTURING OF ACADEMIC CURRICULUM OF SCHOOL OF LAW.

MEETING OF BOARD OF STUDIES OF SCHOOL OF LAW, MUST

When Mon Jul 26, 2021 11am – 12pm India Standard Time - Kolkata

Joining info Join with Google Meet

meet.google.com/kgg-qbpr-hta

Who

- sangeeta.jakhar44@gmail.com - organizer
- dean.sol@modyuniversity.ac.in
- navnasingh.clg@modyuniversity.ac.in
- acpaliwal.sls@modyuniversity.ac.in
- vkt5560@gmail.com

...

↩ Reply

↩ Reply all

➦ Forward

Date: October 26, 2018

Minutes of the Meeting of BoS (SLS)

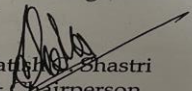
Meeting of the BoS (Law) was held on October 26, 2018 at 10.30 a.m. in the room of the Dean, SLS. Following were present:-

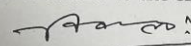
- | | | |
|------------------------------|---|----------------------------|
| 1. Prof. Satish C. Shastri | - | Chairman |
| 2. Prof. V. Tayal | - | External Member and Expert |
| 3. Dr. Parul Pareek | - | Member Secretary |
| 4. Dr. Aseem Chandra Paliwal | - | Member |
| 5. Mr. Vikram Sharma | - | Member |
| 6. Dr. R. C. Nayak | - | Special Invitee |

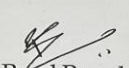
Following points were presented before the BoS for discussion:

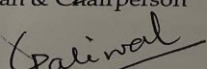
- a. Course Structure of LL.M., B.A.LL.B. I year, B.A.LL.B. II year, B.A./B.B.A./B.Com./B.Sc.LL.B. III year and IV year, LL.B. I year and II year (Three year).
 - b. Revised 'Course Description' for the Following papers:
 - i. Sociology - I (LS 121)
 - ii. Sociology - II (LS 122)
 - iii. Sociology - III (LS 221)
 - iv. Family Law - I (LF 351)
 - v. Family Law - II (LF 362)
 - vi. Principles of Taxation Law I (LF 491)
 - vii. Company Law (CC 631)
 - c. Introduce certificate courses on Cyber Law, IPR, Environmental Law, Law and Sports, Law and Medicine and PG Diploma for the same
- The BoS deliberated on the above points and approved the same.

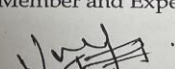
The meeting ended with a vote of thanks to the chair.

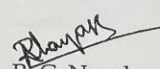

Prof. Satish C. Shastri
Dean & Chairperson


Prof. V. Tayal
External Member and Expert


Dr. Parul Pareek
Member Secretary, BoS


Dr. Aseem Chandra Paliwal
Member


Mr. Vikram Sharma
Member


Dr. R. C. Nayak
Special Invitee

SOD BOS

MINUTES

Ref. No.: MUST/SOD/2021/09/11

Date: 11th September 2021

**MINUTES OF MEETING
BOARD OF STUDIES**

The meeting of Board of Studies was held on **11th September 2021**, at the School of Design, Mody University of Science and Technology, Lakshmangarh via G-Suit with the Agendas and Details as given Below:

Proposed Agendas:

Agenda 1: To propose the scheme and detailed syllabus of B. Des. Textile Design 2nd year from academic session 2022-23 onwards.

Agenda 2: To propose the scheme and detailed syllabus of Bachelor of Visual Arts (Painting) 3rd year from academic session 2022-23 onwards.

Agenda 3: To propose the scheme and detailed syllabus of B. Des. Graphics and Communication Design 3rd year from academic session 2022-23 onwards

Agenda 4: To propose the scheme and detailed syllabus of M. Des. Fashion Design 1st year from academic session 2022-23 onwards.

Agenda 5: To propose the scheme and detailed syllabus of M. Des. Textile Design 2nd year from academic session 2022-23 onwards.

Agenda 6: To propose the scheme and detailed syllabus of Bachelor of Interior Design 2nd year from academic session 2022-23 onwards.

Agenda 7 : To propose the following years scheme and detailed syllabus of B. Des. & M. Des. User Experience Design program offered in collaboration with IMAGINXP.

1. B. Des. 3rd year User Experience Design (academic year 2022-23 onwards)
2. M. Des. 1st year User Experience Design (academic year 2022-23 onwards)



MODY
UNIVERSITY
OF DISTANCE EDUCATION
LAKSHMANGARH • RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

List of Members:

1. Chairperson: Ar. (Prof.) Rishi Raj Kapoor Dean, School of Design
 2. Academic Expert (External) : Prof. Dr. K. N. Chatterjee #
Professor, Netaji Subhas University of Technology
E-mail: kn.chatterjee@gmail.com
 3. Academic Expert (External) : Dr. Ramratan #
Associate Professor, Indian Institute of Handloom Technology, Varanashi
 4. Industry Expert (External): Mr. Rajan, Shiraz Overseas, Jaipur
 5. Industry Expert (External): Mr. D.K. Singh #, President, Textile Asso. India- Delhi
E-mail: dksingh_dk@yahoo.co.in
 6. Academic Expert (Internal) : Dr. Smriti Agarwal #, Professor, School of Design
 7. Academic Expert (Internal): Dr. Sukhvir Singh, Associate Professor, School of Design
 8. Academic Expert (Internal): Mr. Deepak Khandelwal #, Asst. Professor, School of Design
 9. Academic Expert (Internal): Mr. Shikha Kapoor #, Assistant Professor, School of Design
- # attended meeting virtually through Google meet

Deliberations:

Agenda 1: The BOS committee critically reviewed and approved the scheme and detailed syllabus of B. Des. Textile Design 2nd year from academic session 2022-23 onwards. Ms. Shikha Kapoor incorporates all the suggestions and constructive feedback of the committee members.

Agenda 2: The BOS committee critically reviewed and approved the course structure and detailed syllabus of third year of the Bachelor of Visual Arts (PAINTING) from the academic year 2022-23 onwards. Mr. Deepak Khandelwal incorporates all the suggestions and constructive feedback of the committee members.

Agenda 3: Course Structure and detailed syllabus for the third year of the Bachelor of Design (Graphics and Communication Design) from the academic year 2022-23 onwards was approved by the committee members after detailed discussion on various aspects and credit mapping.

Agenda 4: The BOS committee critically reviewed and approved the scheme and detailed syllabus of M. Des. Fashion Design 1st year from academic session 2022-23 onwards. Ms. Shikha Kapoor incorporates all the suggestions and constructive feedback of the committee members.

Agenda 5: The BOS committee critically reviewed and approved the scheme and detailed syllabus of M. Des. Textile Design 2nd year from academic session 2022-23 onwards. Ms. Shikha Kapoor incorporates all the suggestions and constructive feedback of the committee members.

Agenda 6: The BOS committee critically reviewed and approved the scheme and detailed syllabus of Bachelor of Interior Design 2nd year from academic session 2022-23 onwards.

Agenda 7 : The BOS committee critically reviewed and approved the following years scheme and detailed syllabus of B. Des. & M. Des. User Experience Design program offered in collaboration with IMAGINXP.

1. B. Des. 3rd year User Experience Design (academic year 2022-23 onwards)
2. M. Des. 1st year User Experience Design (academic year 2022-23 onwards)

The meeting was concluded with the vote of thanks to the chair Ar. Prof. Rishi Raj Kapoor.



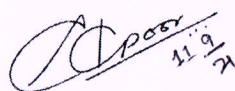
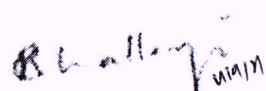
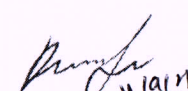
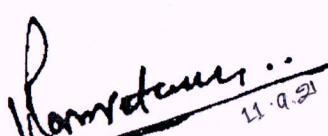
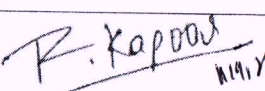
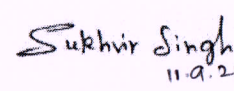
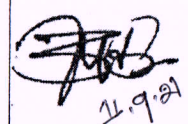
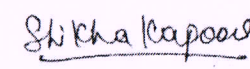
MODY
UNIVERSITY
LAKSHMANGARH • RAJASTHAN

A Leading Women's University

SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

 Ar. Prof. Rishi raj Kapoor Dean, School of Design	 Academic Expert (External); Prof. Dr. K. N. Chaterjee # Professor, Netaji Subhas University of Technology	 Industry Expert (External); Mr. D.K. Singh#, President, Textile Asso. India- Delhi
 Academic Expert (External); Dr. Ramratan # Associate Professor, Indian Institute of Handloom Technology, Varanashi	 Industry Expert (External); Mr. Rajan, Shiraz Overseas, Jaipur	 Dr. Sukhvir Singh # Associate Professor, School of Design
 Mr. Deepak Khandelwal# Assistant Professor School of Design # attended meeting virtually through Google meet	 Dr. Smriti Agarwal# Professor, School of Design	 Ms. Shikha Kapoor# Assistant Professor School of Design



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

Ref. No.: MUST/SOD/2021/04/09

Date: 17th April 2021

**MINUTES OF MEETING
BOARD OF STUDIES**

The meeting of Board of Studies was held on **17th April 2021**, at Dean's Chamber SOA, Room No. 502, ABB Building, Mody University, Lakshmangarh with the Agendas and Details as givenbelow:

Agenda:

1. To consider the recommendation of the Board of Studies (BOS) School of Design regarding approval of Course Structure and detailed scheme & syllabus for the second year of the Bachelor of Design User Experience Design from the academic year 2021-22 onwards.

Members:

1. Chairperson: Ar. (Prof.) Rishi Raj Kapoor Dean, School of Design
2. Academic Expert (External) : Prof. K.N. Chaterjee#
Netaji Subhas University of Technology, Delhi
3. Industry Expert(External): Mr. Abhayjeet Singh, Chief Academic Officer #
4. Academic Expert (Internal) : Dr.Smiti Agarwal, Professor, School of Design
5. Academic Expert (nternal): Dr.Sukhvir Singh, Associate Professor, School of Design



MODY
UNIVERSITY
LAKSHMANGARH • RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

Deliberations:

Agenda -1

The committee critically reviewed and after incorporating minor corrections recommended the course structure and detailed syllabus of second year of the Bachelor of Design User Experience Design from the academic year 2021-22 onwards. Mr. Abhyjeet Singh, Chief Academic Officer gives his valuable suggestion on many aspect of improving quality of designed scheme and syllabus.

The meeting was concluded with the vote of thanks to the chair Ar. Prof. Rishi Raj Kapoor.

Ar. Prof. Rishi raj Kapoor
Dean, School of Design

Dr. Sukhvir Singh
Associate
Professor School
of Design

Dr. Smriti Agarwal#
Professor, School of
Design

Industry Expert (External):

Mr. Abhyjeet Singh#

Chief Academic
Officer

ImaginXP

Academic Expert (External):

Prof. K.N. Chaterjee
Netaji Subhas University of Technology, Delhi

attended meeting virtually through Google meet



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

Ref. No.: MUST/SOD/07/11

Date: 9th July 2020

MINUTES OF MEETING BOARD OF STUDIES

The meeting of Board of Studies was held on **9th July 2020**, at Dean's Chamber SOA, Room No. 502, ABB Building, Mody University, Lakshmangarh with the Agenda and Details as Below:

Agenda :

1. To propose the revised curriculum and detailed syllabus for First year of Bachelor of Design (Fashion Design, Fashion Merchandising, Fashion Lifestyle & Accessory Design, Interior Design, Textile Design, Communication Design) by School of Design for academic year 2020-21.
2. To propose the curriculum and syllabus for First year of Bachelor of Design (User Experience Design) by School of Design in collaboration with ImaginXP for academic year 2020-21.
3. To propose the curriculum and syllabus for First year of Master of Design (User Experience Design) by School of Design in collaboration with ImaginXP for academic year 2020-21.

Members :

1. Chairperson: Ar. (Prof.) Rishi Raj Kapoor Dean SOA
2. Academic Expert (External): Prof. Dr. K. N. Chaterjee, NSTU, Delhi
3. Academic Expert (External) : Mr. Abhayjeet Singh,
Chief Academic officer, ImaginXP
4. Academic Expert (Internal) : Ar. Mahesh Choudhary Ast. Prof. SOA
5. Academic Expert (Internal) : Mr. Sukhvir Singh, Ast. Prof. SOD



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

Deliberations:

Agenda -1

The Committee has gone through all the aspects of the syllabus along with the comparative analysis of the Subjects, credits and evaluation system of proposed and existing syllabus & Scheme for first year only, which is now proposed to be common for all the Branches of B. Design course, offered at School of design, MUST. After comprehensive discussions and deliberations the Committee members found that with minor modifications, the proposed syllabus may be implemented with the proposed scheme from the impending semester. Thus, based on the recommendation of members of board of studies, the revised curriculum and detailed syllabus for first year of Bachelor of Design (Fashion Design, Textile Design, Communication Design, Fashion Lifestyle & Accessory Design, Fashion Merchandising) was found satisfactory and approved for impending semester. Also, all members were agreed on keeping all first year curriculum same for the students admitted in aforementioned courses offered by the school of design for academic year 2020-21 except B. Des. User Experience Design.

Agenda -2

After detail discussion regarding schemes and syllabus of B. Des. User Experience Design, all members were satisfied by the revised curriculum shared by the Mr. Abhayjeet Singh, chief academic officer, ImaginXP. The revised curriculum is arranged in such a format that it satisfies all the aspects of academic curriculum followed in the Mody University for other bachelor courses. Thus, based on the recommendation of committee members, the scheme and syllabus of B. Des. User Experience Design is approved for impending semester.

Agenda -3

The proposed curriculum and syllabus of M. Des. User Experience Design is approved after in depth analysis, discussion and critical review on various aspects of importance of content of curriculum at master level.



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH - RAJASTHAN

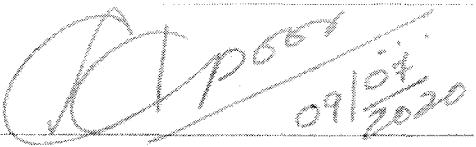
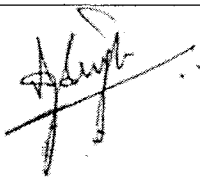
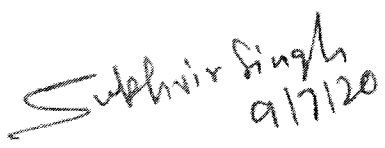
A Leading Women's University

| SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

The meeting was concluded with the vote of thanks to the chair.

Committee Members	Signature
Ar. (Prof.) Rishi raj Kapoor Dean, School of Architecture Chairperson	 09/07/2020
Mr. Abhayjeet Singh Chief Academic Officer, ImaginXP Academic Expert (External)	 #
Prof. Dr. K. N. Chaterjee, NSTU, Delhi Academic Expert (External)	
Ar. Mahesh Choudhary Assistant Professor, School of Architecture Academic Expert (Internal) Interior Design	 Mahesh Kumar 9-7-2020
Mr. Sukhvir Singh Assistant Professor, School of Design Academic Expert (Internal) Fashion Design and Communication Design	 Sukhvir Singh 9/7/20
# Mr. Abhayjeet Singh- Joined the meeting through virtual platform	



MODY
UNIVERSITY

LAKSHMANGARH - RAJASTHAN

A Leading Women's University



SCHOOL OF DESIGN

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.sod@modyuniversity.ac.in

Ref. No.: MUST/SOD/2019/02/5

Date: 11th Feb 2019

MINUTES OF MEETING BOARD OF STUDIES

The meeting of Board of Studies was held on **11th Feb 2019**, at Dean's Chamber School of Design, Room No. 501, ABB Building, Mody University of Science and Technology, Lakshmangarh with the Agenda and Details as Below:

Agenda:

1. To propose the revised curriculum and detailed syllabus for First year of Master of Design (Textile Design) by School of Design.

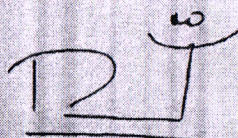
Members:

1. Chairperson : Prof. Prabhas Chandra Pandey
2. Academic Expert (External) : Mr. Dushyant Dave,
Asso. Prof. Bansthali Vidyapeeth
3. Industry Expert (External) : Mr. Rajan, Jaipur *R. Kapoor*
4. Academic Expert (Internal) : Mr. Deepak Khandelwal, Asst. Prof. SOD *Deepak Khandelwal*
5. Academic Expert (Internal) : Ms. Shikha Kapoor, Asst. Prof. SOD *Shikha Kapoor*

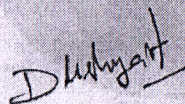
Deliberations:

Agenda -1

The Committee has gone through all the aspects of the new proposed syllabus along with the comparative analysis of the Subjects, their credits and evaluation system of proposed and existing syllabus. After comprehensive discussions and deliberations the Committee members found that with the modifications as per the recommendation, the proposed syllabus may be implemented with the proposed scheme from the impending semester. Thus, based on the recommendation of members of board of studies, the revised curriculum and detailed syllabus for first year of Master of Design (Textile Design) was found satisfactory and approved for impending semester.


Chairperson

Prof. Prabhas Chandra
Pandey



Academic Expert (External)

Mr. Dushyant Dave

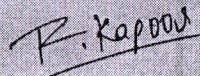
Asso. Prof.

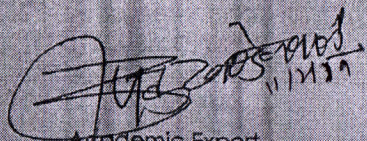
Bansthali Vidyapeeth

Industry Expert (External)

Mr. Rajan Kapoor,

Shiraz Overseas, Jaipur

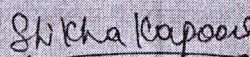




Academic Expert
(Internal)

Mr. Deepak Khandelwal

Asst. Prof. SOD



Academic Expert

(Internal)

Ms. Shikha Kapoor,

Asst. Prof. SOD

School of Fashion Design (SOFD)

Mody University of Science and Technology, Lakshmangarh, Sikar, Rajasthan

Minutes of Meeting

Date: 28th June 2019

Time: 11-1.30 pm

Venue: CET Conference Hall, Ground Floor, ABB Building.

Members present:

Prof. (Dr.) Radha Kashyap (Expert)
Prof. (Dr.) Smriti Agarwal (HOD)
Mr. Deepak Khandelwal (Asst. Prof.)
Mr. Sukhvir Singh (Asst. Prof.)
Ms. Shikha Kapoor (Asst. Prof.)
Mr. Sushil Bishnoi (Asst. Prof.)

Agenda Items:

1. Confirmation the last meeting of BOS
2. Introduce of B. Des Textile Design
3. Reformation of course structure, Credit Distribution with Syllabus update for B. Design – Fashion Design, Textile Design, Accessory Design with Credit Distribution.
4. Fourth Year (VII, VIII Sem) common for all UG program
5. Change of Course Title from BFA (Bachelor of Fine Arts) to BVA (Bachelor of Visual Arts)
6. Inclusion Integrated design project in semester IV and VI two bachelor courses two bachelors
7. Internship Summer Training for III or IV sem
8. Removed two bachelors courses (Film & TV production / Animation & Graphics) due to core area for Mass Communication.
9. Summer Training, Project, Internship treat in a Non-Teaching Contact Hours (NTCC).
10. Any other Matter with permission of the chairperson.

Prof. (Dr.) Smriti Agarwal welcomes all members for the approval of the course syllabus presented in the meeting of **Board of Studies**.

Discussions in the meeting

- Dr. Smriti Agarwal presented syllabus of Textile Design, in which the Prof. Radha Kashyap madam suggested to change nomenclature of Subject MFD 151 from Historical Fashion to History of Fashion in sem 1 (Masters of Fashion Design)
- In Semester 1, expert suggests to shift subject MFD 161 CAD Fashion from semester I to semester II.
- In sem II, Expert suggested to remove subject MFD 102 (Aesthetic Design-I from semester 2. Expert suggested also to find out whether it is practical or theory paper.
- In sem II, Expert advised to change a nomenclature of subject MFD 142 from **Fashion Art Illustration to Creative Illustration**
- In sem II, expert suggested to add some more subjects in semester II, such as **Advance Garment Construction, Advance Pattern Making**.

- Changes suggested by the expert in semester 3 is to separate subject MFD 361 (Quality Control & Consumer Relation) so she suggested that it can be separated into two subject one is **Quality control** & other is **Consumer Relation**
- In semester IV, expert suggested to break up credits of subject MFD 402 (Dissertation). Its credit is 20 so she suggested to break up in 12 & 8.

Some other points raised in the meeting

- In meeting, Expert said to prepare a curriculum & syllabuses first then only it can present in the Board of Studies Meeting.
- Also, Expert asked to prepare syllabus of B. Textile Design & B. Visual Arts.
- Teaching hours should be 30 hours not more than this.
- Expert suggested retaining a course with a name of Bachelor of Fine Arts which was change earlier as a Bachelor of Visual Arts.
- Expert suggested it is required to check the credit system from other department as it is having so much variation.
- Expert suggested to add some more theory paper in the curriculum as she said that if we put all practical papers, students will not come to college.
- Expert advice that Fashion Marketing, Merchandising subject should be introduced in the curriculum.
- In a meeting it was decided that every faculty need to revise & relook all previous syllabuses and curriculums of BFD / BFM / BFLAD of all four years with their specializations as below:

Mr. Deepak Khandelwal – BFLAD & BFA (2nd to 4th Year)

Mr. Sukhvir Singh – B. TD & M. TD (2nd To 4th Year)

Mr. Sushil Bishnoi – MFM & BFM (2nd to 4th Year)

Ms. Shikha Kapoor – BFD & MFD (2nd to 4th Year)

Dr. Smriti Agarwal – PHD internal subjects & research specialization & Foundation Year of all courses.

Expert suggested, we need to be focused on individuality, specialization etc. it has to be inculcate in the curriculum further.

At the end of the meeting, Chairperson (School of Fashion and Design) presented the vote of thanks to members present in the BOARD OF STUDIES MEETING.

Members present:

Prof. (Dr.) Radha Kashyap (Expert)
 Prof. (Dr.) Smriti Agarwal (HOD)
 Mr. Deepak Khandelwal (Asst. Prof.)
 Mr. Sukhvir Singh (Asst. Prof.)
 Ms. Shikha Kapoor (Asst. Prof.)
 Mr. Sushil Bishnoi (Asst. Prof.)

de' u
28.6.19

Shikha Kapoor
28.6.19

[Signature]
28/6/19

Sukhvir Singh
28/6/19

[Signature]
28.06.19



SCHOOL OF DESIGN (SOD)

BOARD OF STUDIES MEETING 2018-19

Date: 22nd August 2018

Time: 3.00 PM

Venue: Room No. 5, ABB Conference Hall, Ground Floor, ABB Building.

Members present:

- | | |
|---------------------------------|---|
| 1. Prof. Prabhas Chandra Pandey | Dean, School of Design, Mody University (Chairperson) |
| 2. Mr. Rajan Kapoor | Industry Expert, Shiraz Overseas, Jaipur |
| 3. Ms. Shikha Kapoor | Location Head- N Vogue Academy of Design, Jaipur |
| 4. Dr. Dushyant Dave | Associate Professor, Banasthali Vidyapeeth |
| 5. Mr. Deepak Khandelwal | Assistant Professor, School of Design |
| 6. Mr. Tushar Gupta | CAD Coordinator, School of Design |

Agenda Items:

1. To present the School of Design foundation year Scheme and Syllabus for through discussion and approval.
2. To present the Fashion Design (4th Year) Scheme and Syllabus for through discussion and approval.
3. To present the Fashion Accessories (3rd Year) Scheme and Syllabus for through discussion and approval.
4. Open the discussion to board of studies members for any other suggestion and inputs for the improvement of School of Design as whole

Minutes of Meeting

Prof. Prabhas Chandra Pandey welcomes all members for the approval of the course syllabus presented.

Agenda No. 1

Prof. Prabhas Chandra Pandey presented 1st Yr. Autumn and Spring Semester Syllabus of Foundation year of all batches. He explained about all the 7 courses. Where the experts suggested to separate the subject FD 102 Drawing & Colors. And, they also suggested if its possible to increase the credits of FD 102 (Drawing & Colors) as this subject is very wide itself. Experts suggested incorporating Analytical Drawing, Freehand Drawing for students further so that they should learn and visualize all these points too to observe things.

The experts, suggested in FD 103 (Material Exploration) that material identification is required by the student, they should know the alternate uses of it & they should also learn material manipulation. Experts suggested adding this point. They also suggested to add some more points into it as Ryan, Mango, Iron, Moisture etc. in Unit I. the students must have knowledge of these materials as well.

Experts suggested adding **ergonomics** further either in subject FD 121 (Design Concepts II) or FD 123 (Material Exploration & Prototyping) so that the knowledge will enhance in the students

Ms. Shikha Kapoor (Expert) suggested in FD 104 (Communication Design-I), can we add **blog writing, script writing**, it will increase the skills of the students.

Agenda No. 2

Prof. Prabhas Chandra Pandey presented Autumn & Spring Semester Syllabus of 4th Year (Fashion Design). Where the experts seems the curriculum is going perfect whatever required for the course is already teaches by the faculty.

Experts suggested that some more exposure required for their upcoming internships in the industries.

Agenda No. 3

Prof. Prabhas Chandra Pandey presented syllabus of 3rd Year (Fashion Lifestyle & Accessory design). Where the experts suggested that students should have industry exposure also for practical learning.

Experts also suggested that during the year we should call some artisans for the students so that they enhance their hands on experience.

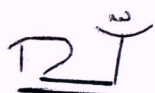
Agenda No. 4

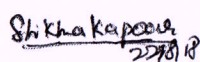
Other experts suggested, we need to be focused on individuality, specialization etc. it has to be inculcate in the curriculum further.

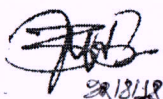
At the end of the meeting, Chairperson (School of Design) presented the vote of thanks to members present in the BOARD OF STUDIES MEETING.

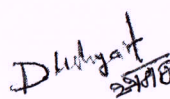
Members present:

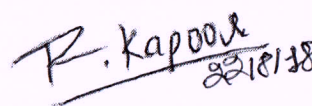
- | | |
|---------------------------------|---|
| 1. Prof. Prabhas Chandra Pandey | Dean, School of Design, Mody University (Chairperson) |
| 2. Mr. Rajan Kapoor | Industry Expert, Shiraz Overseas, Jaipur |
| 3. Ms. Shikha Kapoor | Location Head-N vouge Academy of Design, Jaipur |
| 4. Dr. Dushyant Dave | Associate Professor, Banasthali Vidyapith |
| 5. Mr. Deepak Khandelwal | Assistant Professor, School of Design |
| 6. Mr. Tushar Gupta | CAD Coordinator, School of Design |


22/8/18


22/8/18


22/8/18


22/8/18


22/8/18



SCHOOL OF DESIGN (SOD)

BOARD OF STUDIES MEETING 2018-19

Date: 22nd August 2018

Time: 3.00 PM

Venue: Room No. 5, ABB Conference Hall, Ground Floor, ABB Building.

Members present:

- | | |
|---------------------------------|---|
| 1. Prof. Prabhas Chandra Pandey | Dean, School of Design, Mody University (Chairperson) |
| 2. Mr. Rajan Kapoor | Industry Expert, Shiraz Overseas, Jaipur |
| 3. Ms. Shikha Kapoor | Location Head- N Vogue Academy of Design, Jaipur |
| 4. Dr. Dushyant Dave | Associate Professor, Banasthali Vidyapeeth |
| 5. Mr. Deepak Khandelwal | Assistant Professor, School of Design |
| 6. Mr. Tushar Gupta | CAD Coordinator, School of Design |

Agenda Items:

1. To present the School of Design foundation year Scheme and Syllabus for through discussion and approval.
2. To present the Fashion Design (4th Year) Scheme and Syllabus for through discussion and approval.
3. To present the Fashion Accessories (3rd Year) Scheme and Syllabus for through discussion and approval.
4. Open the discussion to board of studies members for any other suggestion and inputs for the improvement of School of Design as whole

Minutes of Meeting

Prof. Prabhas Chandra Pandey welcomes all members for the approval of the course syllabus presented.

Agenda No. 1

Prof. Prabhas Chandra Pandey presented 1st Yr. Autumn and Spring Semester Syllabus of Foundation year of all batches. He explained about all the 7 courses. Where the experts suggested to separate the subject FD 102 Drawing & Colors. And, they also suggested if its possible to increase the credits of FD 102 (Drawing & Colors) as this subject is very wide itself. Experts suggested incorporating Analytical Drawing, Freehand Drawing for students further so that they should learn and visualize all these points too to observe things.

The experts, suggested in FD 103 (Material Exploration) that material identification is required by the student, they should know the alternate uses of it & they should also learn material manipulation. Experts suggested adding this point. They also suggested to add some more points into it as Ryan, Mango, Iron, Moisture etc. in Unit I. the students must have knowledge of these materials as well.

Experts suggested adding **ergonomics** further either in subject FD 121 (Design Concepts II) or FD 123 (Material Exploration & Prototyping) so that the knowledge will enhance in the students

Ms. Shikha Kapoor (Expert) suggested in FD 104 (Communication Design-I), can we add **blog writing, script writing**, it will increase the skills of the students.

Agenda No. 2

Prof. Prabhas Chandra Pandey presented Autumn & Spring Semester Syllabus of 4th Year (Fashion Design). Where the experts seems the curriculum is going perfect whatever required for the course is already teaches by the faculty.

Experts suggested that some more exposure required for their upcoming internships in the industries.

Agenda No. 3

Prof. Prabhas Chandra Pandey presented syllabus of 3rd Year (Fashion Lifestyle & Accessory design). Where the experts suggested that students should have industry exposure also for practical learning.

Experts also suggested that during the year we should call some artisans for the students so that they enhance their hands on experience.

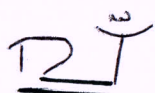
Agenda No. 4

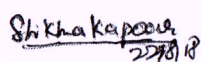
Other experts suggested, we need to be focused on individuality, specialization etc. it has to be inculcate in the curriculum further.

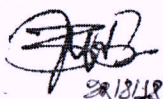
At the end of the meeting, Chairperson (School of Design) presented the vote of thanks to members present in the BOARD OF STUDIES MEETING.

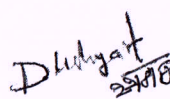
Members present:

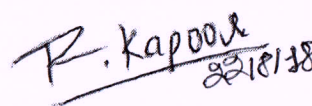
- | | |
|---------------------------------|---|
| 1. Prof. Prabhas Chandra Pandey | Dean, School of Design, Mody University (Chairperson) |
| 2. Mr. Rajan Kapoor | Industry Expert, Shiraz Overseas, Jaipur |
| 3. Ms. Shikha Kapoor | Location Head-N vouge Academy of Design, Jaipur |
| 4. Dr. Dushyant Dave | Associate Professor, Banasthali Vidyapith |
| 5. Mr. Deepak Khandelwal | Assistant Professor, School of Design |
| 6. Mr. Tushar Gupta | CAD Coordinator, School of Design |


22/8/18


22/8/18


22/8/18


22/8/18


22/8/18

College of Fashion Design and Merchandising (CFDM)

Mody University of Science and Technology, Lakshmangarh, Sikar, Rajasthan

Minutes of Meeting

Date: 24.5.2017

Time: 4-7.30 pm

Venue: CET Conference Hall, Ground Floor, ABB Building.

Members present:

Dr. Venugopala Rao (Vice-President)

Dr. Vinod Purohit (Registrar)

Dr. Atul Kumar (DEAN, CASH)

Mr. V. K Bajaj (COE)

Ms. Neelam Srivastava

Ms. Shweta Iyer

Ms. Shipra Mathur

Ms. Meghavini Jadeja

Dr. Pratibha Sharma (Expert)

Agenda Items:

- 1) Ms. Neelam CFDM 'Welcomes' all members present.
- 2) Ms. Neelam CFDM will present **BFD 3rd and 4th** year course syllabus for approval.
- 3) Ms. Neelam CFDM will present **BFM and BFLAD 2nd** year course syllabus for approval.
- 4) Ms. Neelam CFDM will present a suggestions and recommendations in **BFD, BFM and MFM year 1 and 2** recommended and presented before the board for approval
- 5) Ms. Neelam CFDM will present a suggestions and recommendations in **BFM year 1 and 2** recommended and presented before the board for approval.
- 6) Ms. Neelam CFDM will present a suggestions and recommendations in **MFM year 1 and 2** recommended and presented before the board for approval

1. Neelam Srivastava (Chairperson) welcomes all members for the approval of the course syllabus presented.

2. Agenda No. 2

Ms. Neelam presented 3rd Yr. Autumn Semester Syllabus, giving its reference pre-requisites of the previous year & the relevance of the extension of subjects. She explained about all the 8 courses. Where the Prof. Pratibha Sharma suggested to integrate FD 301 Fashion , Fabric & Trim Study & FD 313 Research methods with FD 311 Fashion Studies-III Accordingly, credits has to be mapped.

The expert Prof. Pratibha, suggested ratio 30:70 to 50: 50. Theory exam should not be conducted, It has to be evaluated. Design can't be teach in terms of theory. Theory has to be removed from all the courses from design.

Jury for the Fashion Studies-III may be conducted only in presence of Industry Members or Industry Experts to get a better assessment of student.

It was proposed by expert in Fashion Design Computer: Illustrator has to be increased.

And, FD-311, Fashion Studies-III may be presented in 2 parts of 4-4 credits each.

Now, there will be total 7 courses in autumn semester in BFD maintain the 25 credits in the semester.

Now, Spring Semester BFD, FD-302-Fashion Trend & Forecasting recommended to be integrated with FD 304- Kids Wear & FD 306- Evening Wear. And, credits has to be mapped.

It has been suggested by the expert that evaluation scheme FD 304 – Kids Wear & FD 306 – Evening Wear may be changed from 30:70 to 50:50.

It has been by all subject experts FD 304 & FD 306 split in Part-A & Part-B & to given 3-3 credits each.

Further it was suggested FD 312 Basics of Portfolio Development to be taken as compulsory elective only for the students of 15-16 batch & to be shifted in second year & credits has to be mapped with other courses.

It has been suggested by Vice President, that 4th yr. BFD, may be discussed in next BOS as there is no such student to be taught in coming academic session 2017-18. Also it has been suggested by all members internship has to be held after 2nd yr.

3. Agenda No. 3

Ms. Shweta Iyer has presented BFM 2nd Yr Syllabus. She has explained 9 courses.

IN FM 201- Fibres, Fabric & Finishes & FM 213 - Sourcing for Fashion Products can be integrated & new nomenclature has to be allotted. After the discussion with all & subject expert recommended in Nomenclature of FM 203 – Historical Development of Indian Fashion Industry to History of Indian Costume & its code will be FM 217 & FM 215 – Introduction to Computerised Fashion Design to CAD –I & FM 205 – Introduction to Fashion to Fashion Studies.

In spring Semester, FM 204 – Scope & Nature of Merchandising Functions in an Organization & FM 210 – Types of Buyers & Buying Organizations should be integrated & nomenclature will be like Buyers & Organization & its code is FM 218. FM 206 – Roles & Responsibilities of Merchandiser & FM 208 – Understanding Your Buyers Merchandise Planning & Buying Style can be integrated & its nomenclature will be allotted as Basics of Merchandising. She recommended FM 212 – Product Development & the merchandiser Role to Product development Process. FM 214 – Fashion Culture converts into Fashion Movements. And, instead of Traditional Textiles & Crafts has to be changed into Fashion, Trend & Forecasting can be added in this.

4. Agenda No. 4

Ms. Meghavini Jadeja has presented BFLAD 2nd Yr Syllabus. She has explained 9 courses.

In AD 201, it has been suggested by our Expert, Nomenclature has to change from Design Thinking-I to Design Synthesis-I.

In AD 211, it has been suggested by our Expert, Nomenclature has to change from Introduction to Computers-3 D Design to CAD

In AD 213, it has been suggested by our Expert, Nomenclature has to change from Arts & Aesthetics to Material Exploration-III

They suggested by all then it has exposed by subject expert to introduce fashion forecasting content into the Subject AD 208 – Fashion Studies-Introduction. In subject AD 210 – it has renamed as CAD-II, In AD 212 – Elements of Accessory Design to Accessory Design. In AD 216 from Design Synthesis to Design Synthesis-II.

Dean CASH, Suggested to shift a program to run it under CFDM, for the reason of being the curriculum & the syllabus is more relevant to a product. Hence, it should be run under CFDM.

Changes Recommendations

5. Agenda No. 5

The Courses recommendation were presented by Ms. Neelam for the program BFD (Autumn – Spring Semester). This was proposed to make the courses more elaborative & communication enabling the teaching faculty to cover all the content mention in the syllabus, which has been neglected earlier in the absence of written format. This has been suggested certain contents has to be taught in the classroom as mandates & certain assignments to be covered. It has been suggested in Basics of Design where the study of colors with its complete scheme is elaborated. Psychological colors of studies is added study exercise on design elements & principles are added.

In the course, study in Drawing & Colors topics like Practice on Human Figure Drawing, Jewellery Drawing Object nature, Drapes, Impact of Light on Colors Change & Range of Warm & Cool Colors has been added which was missing in syllabus earlier.

In the course, Exploration of Material- I & II, practice exercises pertaining to commercially viable apparel line products are introduced which were earlier missing.

In the Course, Eastern Cultural Studies & Western Cultural Studies- FD 123 & FD 124, it is proposed that the content mentioned in the syllabus earlier are required to be specified in term of the dynasties, kingdom & fashion movements.

As the subjects, where the additions are proposed are common to both BFD 1st Year & BFM 1st Year. Hence the additions are applied. It was suggested by Vice-President, Registrar Sir, COE Sir, DEAN CASH, Our expert to change the course communication & Presentation Skill to Soft Skills in both BFD & BFM Spring Semester.

6. Agenda No. 6

Ms. Shweta has presented the agenda item no 6, where the expert Prof. Pratibha added the nomenclature to the courses.

MM 101 – Introduction to Fashion to MM 119 – Fashion Studies.

MM 111 – Sourcing for Fashion Products to MM 121 – Apparel & Accessory Product

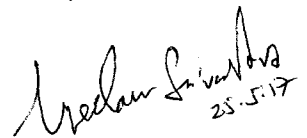
MM 113 – Historical Development of Indian Fashion Industry to MM 123 – History of Indian Fashion Industry

MM 117 – Computerise Fashion Design-Introduction to MM 125 – CAD

Additions Presented certain additions are proposed change in the sequence of the content in the syllabus. She proposed first the concept & the application in all the syllabus. In the courses Apparel & Accessory Design & Fashion Studies & History of Indian Fashion Industry.

Ms. Shweta further proposed recommendations in MM 104 – Merchandiser Roles & Responsibilities to make it MM 118 – Roles & Responsibilities of Merchandiser, where she has mentioned the contents is arranged in chronological order of functions of Merchandiser.

It has been with the pre-approval from President Sir, it has been proposed by Ms. Neelam, student of batch 2015-16 BFD & students of batch 2016-17 BFD will take up foreign language courses together during the academic session 2017-18. This will remain applicable only for the session 2017-18 & forth on student of CFDM, bachelor courses will take up foreign language training during their 2nd year academic year (Autumn-Spring Semester).



HOD

Ms. Neelam Srivastava

College of Fashion Design and Merchandising (CFDM)

Mody University of Science and Technology, Lakshmangarh, Sikar, Rajasthan

Minutes of Board of Studies

Date: 16th December 2015

Time: 12:30 pm-1:30 pm

Subject: Introducing Bachelors of Design (Fashion and Lifestyle Accessory Design) [BFLAD]

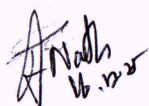
Venue: Conference Hall, Central office

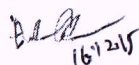
Chaired by Dr. Meena Jhala (Dean, CFDM)

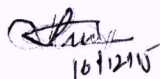
Members present: Prof. Nita Thakore (CFDM)
Associate Prof. Tarun Pandey (CFDM)
Professor Dhiraj Kumar (External Expert)
Professor J. Luthra -Dean (CASH)
Mr Ajay Nath-Registrar office

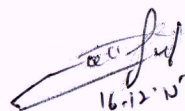
- 1) Dr. Meena Jhala welcomed the members of the Board of Study and invited Mr. Tarun Pandey to introduce the new course.
- 2) Mr. Tarun Pandey introduced the new course by providing a rationale to the growing lifestyle industry and it will be a lucrative profession for the coming generation.
- 3) The first year proposed is a common year with the Fashion Design students and all the courses will be delivered parallel.
- 4) The first year second semester has the common structure to BFD except for the two new elective courses viz., AD 116-2 Creative Styling and AD 116-3 Trims and accessories Craft. For this Dr Luthra gave a suggestion to make electives common for both BFD and BLAFD, with overall seven electives. He specifically recommended for the elective programs to become robust. His suggestion was duly welcomed.
- 5) In the first semester, Dr. Luthra was informed about the CBCS being offered during the third semester.
- 6) In second year there is an initiation of the core subjects with subjects like Design thinking, studio etc. The external Expert suggested making the module AD203 into Design Workshop and AD 205 was proposed to be renamed to Design Studio. He also suggested introducing Linear, plainer, granular and solid properties and their manipulation.
- 7) Mr. Dhiraj suggested to not specify ("Introduction to computerized Design-AUTOCAD "and instead suggested renaming it to Introduction to 3D softwares.
- 8) AD213 (History of Art) was proposed to be renamed to Art and Aesthetics.
- 9) Chair convinced Dr. Luthra that not more than forty hours per week were prescribed in the syllabus.
- 10) AD 210-Computer 3D MAX was suggested to be renamed as Advanced 3 D softwares.
- 11) Design studio III was proposed to be ready to wear Accessories and AD 206 was suggested as Ramp based Accessories.
- 12) In the third year it was proposed to have only design projects and all projects should be theme based and a student makes an autonomous decision.
- 13) IN second year (spring semester) Prof. Dhiraj suggested that furniture design be renamed Home Accessories.
- 14) Dr. Luthra highlighted that word Research (AD216) is a Post-Graduation nomenclature and Prof Dhiraj proposed Design Synthesis for the same.
- 15) Prof Dhiraj suggested that initial craft exposure was to be provided to the students before they do the craft based project and should have field visits with a possible tie up for the workshops at Indian Institute of Gems and Jewellery- Jaipur. This was to be introduced before Design studio V.
- 16) It was proposed to rename Fashion Forecasting to Trend spotting and Forecasting.

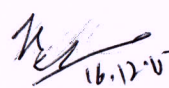
- 17) In third year semester Spring semester, it was suggested the Design Studio be clubbed with VM and Retail. And remove Design Management altogether.
- 18) The chair suggested that in the third year, credits will have to be reworked.
- 19) Dr. Luthra came forward to enquire about enrolments in this course as he felt that there might be a competition between AD and FD, for this Prof Dhiraj answered this query by stating usually the strength of enrolment in Accessory Design is 50 % of Fashion Design. As Fashion Design is a more profitable and industry is more open to fashion then accessory.
- 20) At this juncture Prof Dhiraj commented that leather need to be included in the curricula.
- 21) Dr. Luthra asked about the expected number of enrolments in BAFLD and chair Dr Meena replied that CFDM was expecting 50% of number.
- 22) For the final design project an Incubation cell was suggested by Prof Dhiraj along with entrepreneurship workshop to which Dr Meena Jala the chair replied that she has a plan to send the students to EDI Ahemdabad for a 15 days training program in Entrepreneurship.
- 23) Prof Dhiraj proposed a teacher training programme, in case a student does wish to get into teaching.
- 24) Prof Dhiraj enquired from the chair about the possible Master's programme in BAFLD to which the chair replied that the curriculum will be the same as BFD but the focus will be on Accessories prior to which there will be a master/ Industry survey is done.
- 25) Dr. Luthra had enquired about number of contact and non-contact hours.
- 26) Dr. Luthra suggested to remove research word from Special Research Project (AD403-1) will become Independent Design Project.
- 27) Both the external expert and Dean Cash agreed that there should be only two options provided in the fourth year –autumn semester.
- 28) Elements of Accessory Design were suggested as a course to be added in the second year.
- 29) AD-402 –Final Design project, Prof Dhiraj mentioned that it will be a challenge to make them to do a project in Mody campus after they come from the Industry internship.
For this it was suggested that considering the fact that it will be difficult for student to work on design projects in campus it (FDP) was proposed to shifted to the 1st semester fourth year. And the optional course be taught during the last semester, to which Associate Prof Tarun Pandey proposed to do a hybrid of Industry and academia.
- 30) The two new elective courses were introduced viz., in the foundation year –Creative Styling and Trims and Accessory Craft. It was proposed that creative styling being renamed Accessory Styling and Categories only to be mentioned in Trims and Accessory Craft.
- 31) In the second year it was proposed to introduce sewing techniques for products like bags, leather products etc.

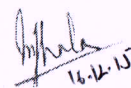

16.12.15


16.12.15


16.12.15


16.12.15


16.12.15


16.12.15

Ajay Nath

Tarun Pandey

Nita Thakore

Dhiraj Kumar

J.R. Luthra

Meena Jhala

SLAS BOS

SCIENCE

MINUTES

Mody University of Science and Technology

Faculty of Arts, Science & Commerce

Minutes of Meeting

Board of Studies

Department of Science

Mody University of Science and Technology

Faculty of Arts, Science & Commerce

Department of Science

Twelfth meeting of the Board of Studies of the Department of Science will be held on Monday, 18 May, 2015 at 3:00 PM in the Conference Room of FASC, MUST, Lakshmangarh with the following agenda items:

AGENDA

1. **To introduce B.Sc. (Hons.) Physics as a new programme.**
(as per Annexure I) Under Graduate Programme
2. **To introduce B.Sc. (Forensic Science) as a new programme.**
(as per Annexure II) Under Graduate Programme
3. **To introduce B.Sc. + M.Sc. Biotechnology (Dual Degree) as a new programme.**
(as per Annexure III) Under Graduate Programme
4. **To introduce three new courses to be offered under Choice based credit system.** Under Graduate Programme
5. **To introduce M.Sc. (Physics) as a new program**
(as per Annexure IV) Post Graduate Programme
6. **To approve Umbrella MOU between Indian Institute of Maize Research and Mody University.**
(as per Annexure V)
7. **To approve MOU between Mody University and University in Colombia.**
(as per Annexure VI)
8. **To approve India-Argentina Bilateral Scientific and Technological Cooperation.**
(as per Annexure VII)
9. **Any other with permission of the Chair**



(Dr. Harish Kumar Dhingra)
Secretary



(Prof. (Dr.) J R Luthra)
Chairperson

Mody University of Science and Technology

Faculty of Arts, Science & Commerce

Department of Science

Minutes of the Twelfth meeting of the Board of Studies of the Department of Science, was held on Monday, 18 May, 2015 at 3:00 PM

Venue: FASC Conference Room

Members Present:

1. Prof. (Dr.) J R Luthra, Dean FASC, Chairperson
2. Prof. (Dr.) A K Nagawat (Physics External Expert)
3. Sh. B S Ohlan (Forensic Science External Expert)
4. Dr. Narendra Kumar (Physics)
5. Dr. R.S.Chundawat (Zoology)
6. Mr. Prateek Bhanti (Computer Science)
7. Dr. Rakhee Choudhary (Physics, Special Invitee)
8. Dr. R R Dangi (Chemistry, Special Invitee)
9. Dr. H K Dhingra (Biotechnology, Special Invitee)

Members Absent (with permission from chair):

1. Prof. Govind Singh(Biochemistry, External Expert)
2. Dr. R.K.Gaur (Biochemistry)
3. Dr. K.L.Ameta (Chemistry)
4. Dr. K.P.Sharma (Biotechnology)
5. Dr. Kusum Sharma (Mathematics)

12.01	Considered the proposal of Academic Programme Committee for the Introduction of new programme of B.Sc. (Hons.) Physics given in Annexure I, if approved, the course structure and description of course will be as per Annexure I. <i>Resolved to approve the Structure, Description of course as per Annexure I and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval</i>
12.02	Considered the proposal of Academic Programme Committee for the Introduction of new programme of B.Sc. (Forensic Science) given in Annexure II, if approved, the course structure and description of course will be as per Annexure II. <i>Resolved to approve the Structure, Description of course as per Annexure II and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval</i>
12.03	Considered the proposal of Academic Programme Committee for the Introduction of new programme of B.Sc. + M.Sc. Biotechnology (Dual Degree) given in Annexure III, if approved, the course structure and description of course will be as per Annexure III. <i>Resolved to approve the Structure, Description of course as per Annexure III and</i>

	<i>recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval</i>
12.04	Considered the proposal of Academic Programme Committee for the Introduction three new courses to be offered under Choice based credit system <i>The matter was discussed among BOS members. On the recommendations of Dr. A K Nagawat and other BOS members, it was realized that a lot of preparation at the university level has to be carried out before implementation of Choice based credit system. Therefore, the committee deferred the proposal of introducing the new courses to be offered under Choice based credit system.</i>
12.05	Considered the proposal of Academic Programme Committee for the Introduction of new programme of M.Sc. (Physics) given in Annexure IV, if approved, the course structure and description of course will be as per Annexure IV. <i>Resolved to approve the Structure, Description of course as per Annexure IV and recommended the same to Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval</i>
12.06	Considered the Umbrella memorandum of understanding (MOU) between Indian Institute of Maize Research and Mody University as given in Annexure V. It was considered that the MoU between the CASH, Mody University and IIMR has been signed. The IIMR is a constituent Research Institution of the Indian Council of Agricultural Research, Krishi Bhavan, New Delhi-110 001. This MoU has following scope 1.1 The Second party will recognize the First party as an Institute for conducting research related to the thesis requirement of the research students for UG/PG/Ph.D. etc.. The Second party will recognize Scientists of the ICAR Institute as recommended by its Director in accordance with the University rules and regulations for guiding students working for the said degree. 1.2 Operational details of research effort and collaboration will be made in common research programmes and/or projects restricted to specific mandated domain within the approved disciplines/divisions. The objective(s) for research work for a student coming from a Second party outside NARS should be exclusively different as far as possible. 1.3 Research instrumentation facility and library facilities available with the First party and the Second party will be made available to the faculty and research scholars. However, the costs of specific consumables will be borne by the respective organizations. 1.4 There shall be an exchange of students for academic, research and training purposes. Accommodation in the Hostel shall be arranged, wherever possible, as per extant rates. The duration of exchange visits will be determined by mutual consent between both the parties. <i>The MOU scope was discussed among BOS members and the MOU was noted in the BOS meeting and recommended the same to Academic council for their approval</i>

12.07	Considered the MOU between University of Rosario, Colombia and Mody University as given in Annexure VI. It was considered that the MoU between University of Rosario, Colombia and Mody University has been signed. The scope of this MOU are cooperation for any program offered at either institution as felt desirable and feasible on either side and that both PARTIES feel contribute to the fostering and development of the cooperative relationship between the two universities. The assistance to be provided by each of the contracting PARTIES will be materialize through different ways, such as teaching, research, exchange of faculty, exchange of students, staff development, etc., as deemed beneficial for both institutions. Assistance shall be carried out, subject to availability of funds and the approval of the UR and MU, through the following activities or programs relating to, but not limited to: 1. Exchange of professors, researchers and students for limited periods of time in compliance with the applicable law of each country and with the PARTIES respective internal regulations. 2. Joint realization of publications, academic journals and any other type of document that may be of interest for both PARTIES. 3. Joint development of research projects in any area of interest for both PARTIES. 4. Joint creation, development and promotion of innovative educational activities. 5. Organization of conferences, forums, and/or workshops. 6. Exchange of academic materials, and publications regarding developments in teaching, and research. 7. Participation in academic meetings, seminars, symposia, conferences, short courses, and summer programs. 8. Joint study and/or research programs. For both the MoU's specific agreements of cooperation shall include the necessary provisions for the protection of intellectual property rights of the documents and innovations that result of joint work or research activities. <i>The MOU scope was discussed among BOS members and the MOU was noted in the BOS meeting and recommended the same to Academic council for their approval</i>
12.08	Considered the proposal of India-Argentina Bilateral Scientific and Technological Cooperation as given in Annexure VII. <i>The Cooperation scope was discussed among BOS members and the Cooperation objectives and scopes were noted in the BOS meeting and recommended the same to Academic council for their approval</i>

The BOS meeting was ended with vote of thanks by BOS Secretary.


 (Dr. Harish Kumar Dhingra)
 Secretary


 (Prof. (Dr.) J R Luthra)
 Chairperson

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

Department of Science

Mody University

College of Arts, Science and Humanities

Department of Science

Fourteenth (14th) meeting of the **Board of Studies** of the Department of Science was held on Wednesday, 5th Oct, 2016 at 4:45 PM in the Conference Room of CASH, MU, Lakshmangarh with the following agenda items:

AGENDA

- | | |
|---|--------------------------|
| 1. To discuss curricular structure and syllabus for first year of B.Sc. (Hons.) Mathematics (a new programme)
(as per Ann. I) | Under Graduate Programme |
| 2. To introduce and discuss curricular structure and syllabus for the first year of B.Sc. (Hons.) Food and Nutrition (a new programme)
(as per Ann. II) | Under Graduate Programme |
| 3. To discuss curricular structure and syllabus for second year of B.Sc. (Hons.) Psychology
(as per Ann. III) | Under Graduate Programme |
| 4. To revise the B.Sc. (Hons.) Biotechnology as per the UGC CBCS norms
(as per Ann. IV) | Under Graduate Programme |
| 5. To change the course code of the following courses: | Under Graduate Programme |

Old Course Code and Course Title	NEW Course Code and Course Title
MB 212 – Food and Industrial Microbiology	MB 242 – Food and Industrial Microbiology
MB 222 - Food and Industrial Microbiology lab	MB 252 - Food and Industrial Microbiology lab

- | | |
|---|--|
| 6. Intimation of the proposal that Environmental studies (MDC 003) would be offered in Autumn semester of first year of B.A. Economics offered by COBMEC | Under Graduate Programme |
| 7. To discuss curricular structure and syllabus for first year of M.Sc. Mathematics (a new programme)
(as per Ann. V) | Post Graduate Programme |
| 8. To discuss curricular structure and syllabus for M.Sc. Food and Nutrition (a new programme)
(as per Ann. VI) | Post Graduate Programme |
| 9. To revise the course structure and course code of Research Methodology as per UGC guidelines
(as per Ann. VII) | Post Graduate Programme/ Doctoral Degree Programme |
| 10. To discuss on the proposal of University wide common academic calendar | UGPC and PGRPC |
| 11. Any other with permission of the Chair | |

(Dr. Harish Kumar Dhingra)
Member Secretary

(Prof. (Dr.) Amit Mukherjee)
Chairperson

Mody University
College of Arts, Science and Humanities
Department of Science

Minutes of the Fourteenth (14th) meeting of the **Board of Studies** of the Department of Science held on Wednesday, 5th Oct, 2016 at 4:45 PM.

Venue: CASH Conference Room

Members Present:

Sr. No.	Name	Deptt./ Specialization
1	Dr. Amit Mukherjee	Chemistry (Member and As Chairperson, BOS)
2	Dr. K L Ameta	Chemistry (Member)
3	Dr. Harshita Sachdeva	Chemistry (Member)
4	Prof. (Dr.) R K Gaur	Biosciences (Member)
6	Dr. R S Chundawat	Biosciences (Member)
7	Dr. K P Sharma	Biosciences (Member)
8	Dr. Rakhee Choudhary	Physics (Member)
9	Dr. Narendra Kumar	Physics (Member)
10	Dr. Arvind Maharshi	Mathematics (Member)
11	Dr. Kusum Sharma	Mathematics (Member)
12	Dr. Jitendra Binwal	Mathematics (Member)
13	Prof. (Dr.) A K Das	Chemistry (as a special invitee)
14	Dr. Harish Kumar Dhingra	Biosciences (as member secretary)

Members Absent with the permission on chair:

1. Dr. Sarika Mohta (as a special invitee) Psychology

- 14.01 Considered the proposal of Academic Programme Committee (APC) for the curricular structure and syllabus for the first year of the new programme of B.Sc. (Hons.) Mathematics, if approved, the curricular structure and syllabus for the first year of the programme of B.Sc. (Hons.) Mathematics will be as per Annexure I.

Resolved to approve the curricular structure and syllabus for the first year of the new programme B.Sc. (Hons.) Mathematics as per detail in Annexure I and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.02 Considered the proposal of Academic Programme Committee (APC) for the curricular structure and syllabus for the first year of the new programme of B.Sc. (Hons.) Food and Nutrition, if approved, the curricular structure and syllabus for the first year of the programme of B.Sc. (Hons.) Food and Nutrition will be as per Annexure II.

Resolved to approve the curricular structure and syllabus for the first year of the new programme B.Sc. (Hons.) Food and Nutrition as per detail in Annexure II and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.03 Considered the proposal of Academic Programme Committee (APC) for the curricular structure and syllabus for the second year of the already existing programme of B.Sc. (Hons.) Psychology (introduced in 2015-16), if approved, the curricular structure and syllabus for the second year of the programme B.Sc. (Hons.) Psychology will be as per Annexure III.

Resolved to approve the curricular structure and syllabus for the second year of the already existing programme B.Sc. (Hons.) Psychology as per detail in Annexure III and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.04 Considered the proposal of Academic Programme Committee (APC) for the revision in the curricular structure and syllabus for the first year of the already existing programme of B.Sc. (Hons.) Biotechnology (introduced in 2007-08, in MITS), if approved, the curricular structure and syllabus for the first year of the programme B.Sc. (Hons.) Biotechnology will be as per Annexure IV.

Resolved to approve the curricular structure and syllabus for the first year of the already existing programme B.Sc. (Hons.) Biotechnology as per detail in Annexure IV and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.05 Considered the proposal of Academic Programme Committee (APC) for the revision in the course code of few courses running in programme of B.Sc. CBZ to rectify the conflict of course codes, if approved, the new course codes would be as per table given below

Old Course Code and Course Title	NEW Course Code and Course Title
MB 212 – Food and Industrial Microbiology	MB 242 – Food and Industrial Microbiology
MB 222 - Food and Industrial Microbiology lab	MB 252 - Food and Industrial Microbiology lab

Resolved to approve the change in the course code of the two courses running in B.Sc. CBZ and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.06 The Committee was intimated that Environmental studies (MDC 003) would be offered in Autumn semester of the first year of B.A. Economics (offered by COBMEC). Previously, the course was offered in spring semester of the first year of the programme.

The Board noted the change.

- 14.07 Considered the proposal of Academic Programme Committee (APC) for the curricular structure and syllabus for the first year of the new programme of M.Sc. Mathematics, if approved, the curricular structure and syllabus for the first year of the programme of M.Sc. Mathematics will be as per Annexure V.

Resolved to approve the curricular structure and syllabus for the first year of the new programme M.Sc. Mathematics as per detail in Annexure V and recommended the same to Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.08 Considered the proposal of Academic Programme Committee (APC) for the curricular structure and syllabus for the first year of the new programme of M.Sc. Food and Nutrition, if approved, the curricular structure and syllabus for the first year of the programme of M.Sc. Food and Nutrition will be as per

Resolved to approve the curricular structure and syllabus for the first year of the new programme M.Sc. Food and Nutrition as per detail in Annexure VI and recommended the same to Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 14.09 Considered the proposal of Academic Programme Committee (APC) for the revision in the course structure and course code of Research Methodology as per UGC guidelines, if approved, the course structure and course code for the course Research Methodology (to be offered in Ph.D.) will be as per Annexure VII. The course would be offered in Arts, Science and Humanities.

Resolved to approve the course structure and course code of course Research Methodology as per detail in Annexure VII and recommended the same to Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

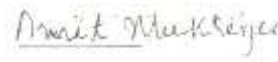
- 14.10 Considered the proposal for the implementation of university wide common academic calendar.

The board considered the importance of implementation of university wide common academic calendar and recommended the same to Under Graduate Programme Committee and Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

The meeting ended with vote of thanks to the chair.



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Amit Mukherjee)
Chairperson

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

Department of Science

Mody University

College of Arts, Science and Humanities

Department of Science

The 15th meeting of the Board of Studies (BOS) of the Department of Science will be held on Monday, 29 May, 2017 at 3:30 PM in the Conference Room of CASH, MU, Lakshmangarh with the following agenda items:

AGENDA

1. To approve Second and Third year of B.Sc. (H) Biotechnology programme commenced from 2016-2017 (first year already approved) (as per Annexure I)	Under Graduate Programme
2. To approve Second and Third year of B.Sc. (H) Food and Nutrition programme commenced from 2016-2017 (first year already approved) (as per Annexure II)	Under Graduate Programme
3. To approve modifications in the existing B.Sc. CBZ programme (applicable for students admitted in academic year 2017-18 and onwards) (as per Annexure III)	Under Graduate Programme
4. To approve the revised B.Sc. (H) Biotechnology programme commencing from 2017-2018 onwards (aligned with modified B.Sc. CBZ programme) (as per Annexure IV)	Under Graduate Programme
5. To approve the revised B.Sc. (H) Food and Nutrition programme commencing from 2017-2018 onwards (aligned with modified B.Sc. CBZ programme) (as per Annexure V)	Under Graduate Programme
6. To approve Second and Third year of B.Sc. (H) Mathematics programme commenced from 2016-2017 (first year already approved) (as per Annexure VI)	Under Graduate Programme
7. To approve modifications in the existing B.Sc. PCM programme (as per Annexure VII)	Under Graduate Programme
8. To approve the modification in the third year of existing B.Sc. (H) Physics programme (aligned with modified B.Sc. PCM programme) (as per Annexure VIII)	Under Graduate Programme
9. To approve Third year of B.Sc. (H) Psychology programme commenced from 2015-2016 (first and second year already approved) (as per Annexure IX)	Under Graduate Programme

10. To approve revision in B.Sc. (H) Psychology programme applicable for students admitted in academic year 2017-18 and onwards (aligned with modified B.Sc. CBZ programme) (as per Annexure X)	Under Graduate Programme
11. To discuss the following agenda w.r.t. Forensic Science I. “B.Sc. Forensic Science needs to be officially declared as an honors course. II. The complete syllabus for the same needs to be overhauled. III. All subjects and subject codes need to be re-examined and re allotted.” (as per Annexure XI)	Under Graduate Programme
12. To approve Second year of M.Sc. Food and Nutrition programme commenced from 2016-2017 (first year already approved) (as per Annexure XII)	Post Graduate Programme
13. To approve Second year of M.Sc. Mathematics programme commenced from 2016-2017 (first year already approved) (as per Annexure XIII)	Post Graduate Programme
14. To introduce M.Sc. Forensic Science as a new programme (as per Annexure XIV)	Post Graduate Programme
15. To introduce MSc Digital Forensics and Information Security as a new programme (as per Annexure XV)	Post Graduate Programme
16. Any other with permission of the Chair	



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University
College of Arts, Science and Humanities
Department of Science

Fifteenth (15th) meeting of the **Board of Studies** of the Department of Science was held on Monday, 29 May, 2017 at 3:30 PM in the Conference Room of CASH, MU, Lakshmangarh

Venue: CASH Conference Room

Members Present:

Sr. No.	Name	Deptt./ Specialization
1	Prof. Atul Kumar	Dean CASH (Chairperson, BOS)
2	Dr. K L Ameta	Chemistry (Member)
3	Dr. Harshita Sachdeva	Chemistry (Member)
4	Prof. (Dr.) R K Gaur	Biosciences (Member)
5	Dr. R S Chundawat	Biosciences (Member)
6	Dr. K P Sharma	Biosciences (Member)
7	Dr. Rakhee Choudhary	Physics (Member)
8	Dr. Narendra Kumar	Physics (Member)
9	Dr. Arvind Maharshi	Mathematics (Member)
10	Dr. Jitendra Binwal	Mathematics (Member)
11	Dr. Mohit Soni	Forensic Science (as a special invitee)
12	Dr. Harish Kumar Dhingra	Biosciences (as Member Secretary)

Members Absent with the permission on chair:

Sr. No.	Name	Deptt./ Specialization
1	Dr. Kusum Sharma	Mathematics (Member)

- 15.01 Considered the proposal of Biosciences department for correcting the course title of ZO 232 and ZO 242 courses of spring semester of second year of B.Sc. (H) Biotechnology and B.Sc. (H) Food and Nutrition as follows

Course Code	Erroneous course title	Corrected course title
ZO 232	<i>Animal Developmental Biology</i>	Developmental Biology
ZO 242	<i>Animal Developmental Biology Laboratory</i>	Developmental Biology Laboratory

Resolved to approve the change in course title of ZO 232 and ZO 242 courses of spring semester of second year of B.Sc. (H) Biotechnology and B.Sc. (H) Food and Nutrition as per detail given in the table and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.02 Considered the proposal for restructuring of B.Sc. programme (subdivision CBZ) from the academic session 2018-19. The optional aspect of Biotechnology/ Microbiology/ Biochemistry will be removed and introduction of Botany option will be introduced. The curricular structure and course description of the restructured programme would be proposed in due time.

Resolved to approve the restructuring of B.Sc. CBZ programme from the academic session 2018-19 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.03 Considered the proposal of introducing B.Sc. Optometry as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Optometry as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.04 Considered the proposal of revising the curricular structure of B.Sc. PCM, B.Sc. (H) Physics, B.Sc. (H) Chemistry and B.Sc. (H) Mathematics from Academic year 2018-19.

The Board felt the need for making a committee for revising all the programmes according to recommendations of University Grant Commission on CBCS (Choice Based Credit System) through its templates. The Board also found that met lab and SAI lab should be introduced in such Science programmes of undergraduate levels in their revised versions to be implemented from academic year 2018-19. The Board felt that there would not be any need for currently available Mody University Open Elective papers (currently referred as CBCS papers) after revising programs as per UGC CBCS system. Resolved to approve that committee at the college level should be formed to revise the programmes as per UGC CBCS models. Committee turned down the currently proposed annexures.

- 15.05 Considered the proposal of revising the curricular structure for the third year of B.Sc. (H) Physics applicable for students admitted in the programme in 2015-17 and onwards with retrospective effect, if approved, the curricular structure of the third year of the programme will be as per Ann. II. The course description of the newly introduced courses would be proposed in due time.

Resolved to approve the proposal of revising the curricular structure for the third year of B.Sc. (H) Physics, with retrospective effect, and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.06 Considered the proposal of revising the curricular structure for B.Sc. Forensic Science Batch 2015-16 from V Semester onwards, if approved, the curricular structure of V and VI semester for B.Sc. Forensic Science Batch 2015-16 will be as per Ann. III.

Resolved to approve the proposal and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.07 Considered the proposal of revising the curricular structure for B.Sc. Forensic Science Batch 2016-17 from III Semester onwards, if approved, the curricular structure for B.Sc. Forensic Science Batch 2015-16 (III semester onwards) will be as per Ann. IV.

Resolved to approve the proposal and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.08 Considered the proposal for accommodation of 5 Non Credit Courses (split amongst 2 semesters) to be enlisted on the grade cards for students of Batch 2015-16 and 1 Non Credit Course to be enlisted on grade card for students of Batch 2016-17.

The Board forwarded the matter to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.09 Considered the proposal of introducing B.Sc. Information Technology as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Information Technology as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.10 Considered the proposal of introducing B.Sc. Computer Science as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Computer Science as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 15.11 Considered the proposal of introducing B.Sc. Multimedia and Animation as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Multimedia and Animation as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

The meeting ended with vote of thanks to the chair.



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

Department of Science

Mody University
College of Arts, Science and Humanities
Department of Science

Sixteenth (16th) meeting of the **Board of Studies** of the Department of Science will be held on Saturday, 6th January, 2018 at 3:00 PM in the Conference Room of CASH, MU, Lakshmangarh with the following agenda items:

AGENDA

1. **To rectify the typographical error in the course title of the following course of spring semester of second year of B.Sc. (H) Biotechnology and B.Sc. (H) Food and Nutrition.** Under Graduate Programme

Course Code	<i>Erroneous course title</i>	Corrected course title
ZO 232	<i>Animal Developmental Biology</i>	Developmental Biology
ZO 242	<i>Animal Developmental Biology Laboratory</i>	Developmental Biology Laboratory

2. **To restructure B.Sc. programme (subdivision CBZ) from the academic session 2018-19.** Under Graduate Programme

The optional aspect of Biotechnology/ Microbiology/ Biochemistry will be removed and introduction of Botany option will be introduced. The curricular structure and course description of the programme would be proposed in due time.

3. **To introduce a new undergraduate programme B.Sc. Optometry from the academic session 2018-19.** Under Graduate Programme

The curricular structure and course description of the programme would be proposed in due time.

4. **To revise the curricular structure of B.Sc. PCM, B.Sc. (H) Physics, B.Sc. (H) Chemistry and B.Sc. (H) Mathematics applicable from Academic year 2018-19** Under Graduate Programme

(as per Ann. I A, I B, IC and ID)

5. **To revise the curricular structure for the third year of B.Sc. (H) Physics applicable for students admitted in the programme in 2016-17 and onwards with retrospective effect.** Under Graduate Programme

(as per Ann. II)

6. **To revise the curricular structure for B.Sc. Forensic Science Batch 2015-16 from V Semester onwards.** Under Graduate Programme

(as per Ann. III)

- | | |
|---|--------------------------|
| 7. To revise the curricular structure for B.Sc. Forensic Science Batch 2016-17 from III Semester onwards.
(as per Ann. IV) | Under Graduate Programme |
| 8. To consider the following proposal w.r.t. Forensic Science
Provision for accommodation of 5 Non Credit Courses (split amongst 2 semesters) to be enlisted on the grade cards for students of Batch 2015-16 and 1 Non Credit Course to be enlisted on grade card for students of Batch 2016-17. | Under Graduate Programme |
| 9. To introduce B.Sc. Information Technology as a new programme from the academic session 2018-19.
The curricular structure and course description of the programme would be proposed in due time. | Under Graduate Programme |
| 10. To introduce B.Sc. Computer Science as a new programme from the academic session 2018-19.
The curricular structure and course description of the programme would be proposed in due time. | Under Graduate Programme |
| 11. To introduce B.Sc. Multimedia and Animation as a new programme from the academic session 2018-19.
The curricular structure and course description of the programme would be proposed in due time. | Under Graduate Programme |
| 12. Any other with permission of the Chair | |



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University
College of Arts, Science and Humanities
Department of Science

Sixteenth (16th) meeting of the **Board of Studies** of the Department of Science was held on Saturday, 6th January, 2018 at 3:00 PM.

Venue: CASH Conference Room

Members Present:

Sr. No.	Name	Deptt./ Specialization
1	Prof. Atul Kumar	Dean CASH (Chairperson, BOS)
2	Dr. K L Ameta	Chemistry (Member)
3	Dr. Harshita Sachdeva	Chemistry (Member)
4	Prof. (Dr.) R K Gaur	Biosciences (Member)
5	Dr. R S Chundawat	Biosciences (Member)
6	Dr. K P Sharma	Biosciences (Member)
7	Dr. Rakhee Choudhary	Physics (Member)
8	Dr. Narendra Kumar	Physics (Member)
9	Dr. Arvind Maharshi	Mathematics (Member)
10	Dr. Jitendra Binwal	Mathematics (Member)
11	Dr. Mohit Soni	Forensic Science (as a special invitee)
12	Dr. Harish Kumar Dhingra	Biosciences (as Member Secretary)

Members Absent with the permission on chair:

Sr. No.	Name	Deptt./ Specialization
1	Dr. Kusum Sharma	Mathematics (Member)

- 16.01 Considered the proposal of Biosciences department for correcting the course title of ZO 232 and ZO 242 courses of spring semester of second year of B.Sc. (H) Biotechnology and B.Sc. (H) Food and Nutrition as follows

Course Code	Erroneous course title	Corrected course title
ZO 232	<i>Animal Developmental Biology</i>	Developmental Biology
ZO 242	<i>Animal Developmental Biology Laboratory</i>	Developmental Biology Laboratory

Resolved to approve the change in course title of ZO 232 and ZO 242 courses of spring semester of second year of B.Sc. (H) Biotechnology and B.Sc. (H) Food and Nutrition as per detail given in the table and recommended the same to Under Graduate Programme Committee for

consideration, approval and recommendation to the Academic Council for their approval.

- 16.02 Considered the proposal for restructuring of B.Sc. programme (subdivision CBZ) from the academic session 2018-19. The optional aspect of Biotechnology/ Microbiology/ Biochemistry will be removed and introduction of Botany option will be introduced. The curricular structure and course description of the restructured programme would be proposed in due time.

Resolved to approve the restructuring of B.Sc. CBZ programme from the academic session 2018-19 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.03 Considered the proposal of introducing B.Sc. Optometry as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Optometry as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.04 Considered the proposal of revising the curricular structure of B.Sc. PCM, B.Sc. (H) Physics, B.Sc. (H) Chemistry and B.Sc. (H) Mathematics from Academic year 2018-19.

The Board felt the need for making a committee for revising all the programmes according to recommendations of University Grant Commission on CBCS (Choice Based Credit System) through its templates. The Board also found that met lab and SAI lab should be introduced in such Science programmes of undergraduate levels in their revised versions to be implemented from academic year 2018-19. The Board felt that there would not be any need for currently available Mody University Open Elective papers (currently referred as CBCS papers) after revising programs as per UGC CBCS system. Resolved to approve that committee at the college level should be formed to revise the programmes as per UGC CBCS models. Committee turned down the currently proposed annexures.

- 16.05 Considered the proposal of revising the curricular structure for the third year of B.Sc. (H) Physics applicable for students admitted in the programme in 2016-17 and onwards with retrospective effect, if approved, the curricular structure of the third year of the programme will be as per Ann. II. The course description of the newly introduced courses would be proposed in due time.

Resolved to approve the proposal of revising the curricular structure for the third year of B.Sc. (H) Physics, with retrospective effect, and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic

Council for their approval.

- 16.06 Considered the proposal of revising the curricular structure for B.Sc. Forensic Science Batch 2015-16 from V Semester onwards, if approved, the curricular structure of V and VI semester for B.Sc. Forensic Science Batch 2015-16 will be as per Ann. III.

Resolved to approve the proposal and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.07 Considered the proposal of revising the curricular structure for B.Sc. Forensic Science Batch 2016-17 from III Semester onwards, if approved, the curricular structure for B.Sc. Forensic Science Batch 2015-16 (III semester onwards) will be as per Ann. IV.

Resolved to approve the proposal and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.08 Considered the proposal for accommodation of 5 Non Credit Courses (split amongst 2 semesters) to be enlisted on the grade cards for students of Batch 2015-16 and 1 Non Credit Course to be enlisted on grade card for students of Batch 2016-17.

The Board forwarded the matter to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.09 Considered the proposal of introducing B.Sc. Information Technology as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Information Technology as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.10 Considered the proposal of introducing B.Sc. Computer Science as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Computer Science as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 16.11 Considered the proposal of introducing B.Sc. Multimedia and Animation as a new programme from the academic session 2018-19. The curricular structure and course description of the programme would be proposed in due time.

Resolved to approve the introduction of B.Sc. Multimedia and Animation as a new programme and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

The meeting ended with vote of thanks to the chair.

Approved by

Dr. K L Ameta
Dr. Harshita Sachdeva
Prof. (Dr.) R K Gaur
Dr. R S Chundawat
Dr. K P Sharma
Dr. Rakhee Choudhary
Dr. Narendra Kumar
Dr. Arvind Maharshi
Dr. Jitendra Binwal
Dr. Mohit Soni



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University of Science and Technology



School of Sciences

Minutes of Meeting

Board of Studies

Department of Science

Mody University

School of Sciences

Seventeenth (17th) meeting of the **Board of Studies** of the School of Sciences will be held on Tuesday, 30th Oct, 2018 at 3:30 PM in the Conference Room of erstwhile CASH, MU, Lakshmangarh with the following agenda items:

AGENDA

- 1. To withdraw the existing undergraduate programme B.Sc. Chemistry, Zoology, Biotechnology/ Microbiology/ Biochemistry from the academic session 2018-19 and to introduce a new undergraduate programme B.Sc. Chemistry, Botany and Zoology from the academic session 2018-19.**

The curricular structure (complete) and course description (first year only) of the programme is given in Ann. I.
(As per Ann. I)

Under Graduate Programme
- 2. To introduce a new undergraduate programme B.Sc. Agriculture from the academic session 2018-19.**

The curricular structure and course description of the first semester of the programme is given in Ann. II.
(As per Ann. II)

Under Graduate Programme
- 3. To introduce a new undergraduate programme Bachelor of Physiotherapy (BPT) from the academic session 2018-19.**

The curricular structure of the first year of the programme is given in Ann. III.
(As per Ann. III)

Under Graduate Programme
- 4. To discuss the concept of removing CW and MTE components from the Laboratory courses' examination scheme of various undergraduate courses offered from Department of Biosciences.**

The weightage of ETE would be 100.

Under Graduate Programme
- 5. To approve the course description / syllabus of newly added courses (PH 333, PH 343, PH 323 and PH 334) of B.Sc. (Hons.) Physics.**

(As per Ann. IVA)

Under Graduate Programme
- 6. To discuss the feasibility of the proposal from Deptt. of Physics:**

" All courses having 2 credits may be increased to 3 credits and all the laboratory courses credits may be reduced from 2 to 1.5 credits. In this way the overall credits of physics courses in various programs will not be altered.

Under Graduate Programme

These two credit courses are:

PH 121 Electromagnetism

PH 132 Oscillations and Waves

PH 322 Elements in Nuclear Physics"

(As per Ann. IVB)

- | | |
|--|---------------------------------|
| <p>7. To adopt the changes in psychology papers of B.Sc. (Hons.) Psychology as proposed for B.A. (Hons.) Psychology.</p> <p>BOS Arts has proposed few changes in psychology papers running common in B.Sc. (Hons.) Psychology and B.A. (Hons.) Psychology. The same changes would be as such effective in B.Sc. (Hons.) Psychology too.</p> | <p>Under Graduate Programme</p> |
| <p>8. To introduce revised curricular structure of B.Sc. Hons. Chemistry w.e.f 2018-2019 with below mentioned new insertions of the courses-.</p> <ol style="list-style-type: none">1. To Introduce Basic Mathematics (CH 283: 2 Credits) in second year autumn semester as a departmental elective for the students belongs to biology background.2. To Introduce Reagents & Reactions (CH 325: 2 Credits) in third year autumn semester as a departmental elective.3. To Introduce Advanced Materials (CH 316 : 2 Credits) in third year spring semester as a departmental elective.4. To Introduce Organometallic Chemistry (CH 318 : 2 Credits) in third year spring semester as a departmental elective. <p>(As per Ann. V)</p> | <p>Under Graduate Programme</p> |
| <p>9. To revise the syllabus or course description for university wide course MDC 003 (Environmental Studies) as per UGC recommendations.</p> <p>(As per Ann. VI)</p> | <p>Under Graduate Programme</p> |
| <p>10. To discuss the introduction of new programme of B.Sc - Data Science from academic session 2019-20.</p> <p>The curricular structure and course description of the programme would be proposed in due time.</p> | <p>Under Graduate Programme</p> |
| <p>11. To discuss the implementation of the new academic model from academic year 2018-19.</p> <p>The existing curricular structures (undergraduate programmes) of SOS will be restructured accordingly.</p> <p>(As per Ann. X)</p> | <p>Under Graduate Programme</p> |

B.Sc. CBZ X(A)
 B.Sc. (H)Biotech X(B)
 B.Sc. (H)PSYCHOLOGY X(C)
 B.Sc. BPT X(D)
 B.Sc. Agriculture X(E)
 B.Sc. F&N X(F)
 B.Sc. PCM X(G)
 B.Sc.(H) Maths X(H)
 B.Sc. (H) Forensic Science X(I)
 B.Sc.(H) Physics X(J)
 B.Sc.(H) Chemistry X(K)

- 12. To replace one course 'CH 534: Colloids and Surface Chemistry' from the M.Sc. Chemistry 1st year spring semester with newly proposed course 'CH 536: Advanced Applications in Chemistry' w.e.f. from 2019-2020.**

Post Graduate Programme

Existing Course: CH 534: Colloids and Surface Chemistry : Credit 3-0-0-3

To be replaced with: **CH 536: Advanced Applications in Chemistry** : Credit 3-0-0-3.

(As per Ann. XI)

- 13. To replace CH 621 (Bioorganic Chemistry) by CH 623 (Enzyme Chemistry) from 2019-20 onwards from the M.Sc. Chemistry IInd year autumn semester.**

Post Graduate Programme

Existing Course: CH 621: Biorganic Chemistry : Credit 3-0-0-3

To be replaced with: **CH 623: Enzyme Chemistry**: Credit 3-0-0-3..

(As per Ann. XI)

- 14. To replace BC 511 (Chemistry of Biomolecules) from M.Sc. Biotechnology/ Microbiology/ F & N and CH 561 (Biology for Chemist) from M.Sc. Chemistry by BC 531 (Biomolecules) from 2019-20 onwards.**

Post Graduate Programme

(As per Ann. VII)

- 15. To replace BC 611 (Enzymology) from M.Sc. Biotechnology by CH 623 (Enzyme Chemistry) paper of Chemistry deptt. from 2019-20 onwards.**

Post Graduate Programme

(As per Ann. VII)

- 16. To introduce a new postgraduate programme M.A. (Mathematics) from the academic session 2018-19.**

Post Graduate Programme

The curricular structure and course description of the programme is given in Ann. VIII.

(As per Ann. VIII)

- 17. To discontinue the existing programme of M.Sc. Digital Forensics and Information Security for AY 2019-20 and to discuss the feasibility of introducing digital forensic as one of the specialization options in M.Sc. Forensic Science.**

(As per Ann. IX)

- 18. Any other with permission of the Chair**

Post Graduate Programme



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University

School of Science (SOS)

Minutes of the Seventeenth (17th) meeting of the **Board of Studies** of the Department of Science was held on Tuesday, 30th Oct, 2018 at 3:30 PM.

Venue: Conference Room of erstwhile CASH, MU, Lakshmangarh

Members Present:

S.No	Name	Department/ Specialization
1	Prof. Atul Kumar	Chairman & Dean
2	Prof. N.K.Gupta	External Expert
3	Dr. Umesh Gupta	External Expert
4	Dr. K.L. Ameta	Chemistry
5	Dr. Ritambhara Jangir	Chemistry
6	Dr. Harlal Singh	Chemistry
7	Dr. Rajarshi Kumar Gaur	Biosciences
8	Dr. R.S. Chundawat	Biosciences
9	Dr. Kanti Prakash Sharma	Biosciences
10	Dr. Chandra Kant Sharma	Biosciences
11	Dr. Rakhee Chaudhary	Physics
12	Dr. Narendra Kumar	Physics
13	Dr. Brajraj Singh	Physics
14	Mr. Ulhas Vinay Gondhali	Forensic Science
15	Mr. Siddharth Dangi	Forensic Science
16	Dr. Jitendra Binwal	Mathematics
17	Dr. Arvind Maharshi	Mathematics
18	Dr. Krishan Pal Sisodia	Mathematics
19	Dr. S.S. Chauhan	Special invitee (Chemistry)
20	Prof. Amlan Kumar Das	Special invitee (Chemistry)
21	Dr. Bhupendra Kumar Goyal	Special invitee (Biosciences)
22	Dr. Harish Kumar Dhingra	Member Secretary (Biosciences)

Members Absent with the permission on chair:

Ms. Neha Verma

Forensic Science

- 17.01 Considered the proposal of Academic Programme Committee (APC) for withdrawing the existing undergraduate programme B.Sc. Chemistry, Zoology, Biotechnology/ Microbiology/ Biochemistry from the academic session 2018-19 and to introduce a new undergraduate programme B.Sc. Chemistry, Botany and Zoology from the academic session 2018-19, if approved, the curricular structure (complete) and course description (first year only) for the

programme of B.Sc. Chemistry, Botany and Zoology will be as per Annexure I.

Resolved to approve the curricular structure (complete) and course description (first year only) for the new programme B.Sc. Chemistry, Botany and Zoology as per detail in Annexure I and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval. The members also resolved the need for introducing more proportion of Botany in this programme, which would be proposed in due time.

- 17.02 Considered the proposal of Academic Programme Committee (APC) for introducing a new undergraduate programme B.Sc. Agriculture from the academic session 2018-19. The curricular structure and course description of the first semester of the programme is being proposed, if approved, the curricular structure and syllabus for the first semester of the programme of B.Sc. Agriculture will be as per Annexure II.

Resolved to approve the curricular structure and syllabus for the first semester of the new programme B.Sc. Agriculture as per detail in Annexure II and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.03 Considered the proposal of Academic Programme Committee (APC) for introducing a new undergraduate programme Bachelor of Physiotherapy (BPT) from the academic session 2018-19. The curricular structure and course description of the first year of the programme is being proposed, if approved, the curricular structure and syllabus for the first year of the programme of Bachelor of Physiotherapy (BPT) will be as per Annexure III.

Resolved to approve the curricular structure and syllabus for the first year of the new programme Bachelor of Physiotherapy (BPT) as per detail in Annexure III and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.04 Considered the proposal of Academic Programme Committee (APC) for discussing the concept of removing CW and MTE components from the Laboratory courses' examination scheme of various undergraduate courses offered from Department of Biosciences, if approved, the ETE of such lab courses would be of 100 marks.

The board turned down this proposal.

- 17.05 Considered the proposal of Academic Programme Committee (APC) for approving the course description / syllabus of newly added courses (PH 333, PH 343, PH 323 and PH 334) of B.Sc. (Hons.) Physics, if approved, the syllabus for the newly added courses (PH 333, PH 343, PH 323 and PH 334) of B.Sc. (Hons.) Physics will be as per Annexure IV(A).

Resolved to approve the syllabus for the newly added courses (PH 333, PH 343, PH 323 and PH 334) as per detail in Annexure IV(A) and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.06 Considered the proposal of Academic Programme Committee (APC) for increasing the credits of three courses offered by department of Physics from 2 credits to 3 credits and to compensate the credits, physics laboratory courses in each semester is reduced by 0.5. Hence the overall credits of Physics courses remain unaltered. This will be implemented in B.Sc.(H) Physics, B.Sc.(H) Chemistry, B.Sc. (H) Maths and B.Sc.(PCM). The modified curricular structure and course description will be as per Annexure IV(B).

Resolved to approve the restructuring of the papers offered by Dept. of Physics as per detail in Annexure IV(B) and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.07 Considered the proposal of Academic Programme Committee (APC) for adopting the changes in psychology papers of B.Sc. (Hons.) Psychology as proposed for B.A. (Hons.) Psychology. BOS Arts has proposed few changes in psychology papers running common in B.Sc. (Hons.) Psychology and B.A. (Hons.) Psychology. The same changes would be as such effective in B.Sc. (Hons.) Psychology too.

Resolved to approve the same and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.08 Considered the proposal of Academic Programme Committee (APC) for introducing revised curricular structure of B.Sc. Hons. Chemistry w.e.f 2018-2019 with below mentioned new insertions of the courses-
1. To Introduce Basic Mathematics (CH 283: 2 Credits) in second year autumn semester as a departmental elective for the students belonging to biology background.
 2. To Introduce Reagents & Reactions (CH 325: 2 Credits) in third year autumn semester as a departmental elective.
 3. To Introduce Advanced Materials (CH 316 : 2 Credits) in third year spring semester as a departmental elective.
 4. To Introduce Organometallic Chemistry (CH 318 : 2 Credits) in third year spring semester as a departmental elective.
- if approved, the revised curricular structure of B.Sc. Hons. Chemistry will be as per Annexure V. The syllabus of the newly added courses will be as per Annexure V.

Resolved to approve the restructuring of B.Sc. Hons. Chemistry as per details given in Annexure V

and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.09 Considered the proposal of Academic Programme Committee (APC) for the revision in the syllabus or course description for university wide course MDC 003 (Environmental Studies) as per UGC recommendations, if approved, the course description for university wide course MDC 003 (Environmental Studies) will be as per details given in Annexure VI.

The matter should be discussed first in UGPC with the members from different schools as the course runs university wide.

- 17.10 Considered the proposal of Academic Programme Committee (APC) for introducing a new undergraduate programme B.Sc - Data Science from the academic session 2019-20. The curricular structure and course description will be proposed in due time.

Resolved to approve the introduction of the new programme B.Sc - Data Science from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.11 Considered the proposal of Academic Programme Committee (APC) for discussing the implementation of the new academic model from academic year 2018-19. The existing curricular structures (undergraduate programmes) of SOS will be restructured accordingly as per details in Ann. X.

B.Sc. CBZ X(A)

B.Sc. (H)Biotech X(B)

B.Sc. (H)PSYCHOLOGY X(C)

B.Sc. BPT X(D)

B.Sc. Agriculture X(E)

B.Sc. F&N X(F)

B.Sc. PCM X(G)

B.Sc.(H) Maths X(H)

B.Sc. (H) Forensic Science X(I)

B.Sc.(H) Physics X(J)

B.Sc.(H) Chemistry X(K)

,if approved, the course structure for the different programme of SOS will be as per details given in Annexure X(A) to X(K) .

BOS of SOS has suggested the following to UGPC:

All the programs at SOS are guided and governed by UGC – Choice Based Credit System (CBCS) rules and regulations. Therefore, we at SOS humbly submit to UGPC that we would like to be guided by UGC - CBCS for

following reasons;

- 1. If we prepare our program structure in line with new academic model then UGC may have reservation for our various programs which will lead us to a situation where we find it tough for UGC and NAAC accreditation.*
- 2. We humbly submit that such new academic related policy should be first discussed and approved in Academic Council and then Schools should be asked to implement.*
- 3. As per letter issued by UGC on 6th April 2018, it is mandatory for all Indian universities to follow CBCS template or model curriculum structure.*

- 17.12 Considered the proposal of Academic Programme Committee (APC) for replacing one course 'CH 534: Colloids and Surface Chemistry' from the M.Sc. Chemistry 1st year spring semester with newly proposed course 'CH 536: Advanced Applications in Chemistry' w.e.f. from 2019-2020.

Existing Course: CH 534: Colloids and Surface Chemistry : Credit 3-0-0-3

Replaced with: CH 536: Advanced Applications in Chemistry : Credit 3-0-0-3

, if approved, the course structure and syllabus will be as per details given in Annexure XI.

Resolved to approve the change proposed by Dept. of Chemistry from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.13 Considered the proposal of Academic Programme Committee (APC) for replacing CH 621 (Bioorganic Chemistry) by CH 623 (Enzyme Chemistry) from 2019-20 onwards from the M.Sc. Chemistry IIInd year autumn semester.

Existing Course: CH 621: Biorganic Chemistry : Credit 3-0-0-3

Replaced with:: CH 623: Enzyme Chemistry: Credit 3-0-0-3

, if approved, the course structure and syllabus will be as per details given in Annexure XI.

Resolved to approve the change proposed by Dept. of Chemistry from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.14 Considered the proposal of Academic Programme Committee (APC) for replacing BC 511 (Chemistry of Biomolecules) from M.Sc. Biotechnology/ Microbiology/ F & N and CH 561 (Biology for Chemist) from M.Sc. Chemistry by BC 531 (Biomolecules) from 2019-20 onwards, if approved, the revised syllabus will be as per details given in Annexures VII.

Resolved to approve the change proposed by Dept. of Biosciences from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.15 Considered the proposal of Academic Programme Committee (APC) for replacing BC 611

(Enzymology) from M.Sc. Biotechnology by CH 623 (Enzyme Chemistry) paper of Chemistry deptt. from 2019-20 onwards, if approved, the syllabus for the new course will be as per details given in Annexure VII.

Resolved to approve the change proposed by Dept. of Biosciences from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.16 Considered the proposal of Academic Programme Committee (APC) for introducing a new postgraduate programme M.A. (Mathematics) from the academic session 2018-19, if approved, the curricular structure and syllabus for the programme of M.A. (Mathematics) will be as per Annexure VIII.

Resolved to approve the curricular structure and syllabus for the new programme M.A. (Mathematics) as per detail in Annexure VIII and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 17.17 Considered the proposal of Academic Programme Committee (APC) for discontinuing the existing programme of M.Sc. Digital Forensics and Information Security for AY 2019-20 and to discuss the feasibility of introducing digital forensic as one of the specialization options in M.Sc. Forensic Science, if approved, the new specialization for the programme of M.Sc. Forensic Science will be as per Annexure IX.

Resolved to approve the proposal of APC for the programme of M.Sc. Forensic Science as per detail in Annexure IX and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

The meeting ended with vote of thanks to the chair.



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University of Science and Technology



School of Sciences

Minutes of Meeting

Board of Studies

Department of Science

Mody University

School of Sciences

The 18th meeting of the **Board of Studies** of the School of Sciences will be held on Monday, 1st July, 2019 at 10:00 AM in the Conference Room of ABB, MU, Lakshmangarh with the following agenda items:

AGENDA

- | | |
|---|--------------------------|
| 1. To approve the course description/ syllabus for second and third year of B.Sc. (Chemistry, Botany and Zoology) programme.
(As per Ann. I) | Under Graduate Programme |
| 2. To approve curricular structure and syllabus of B.Sc. (Agriculture) 2018 batch onwards (second semester onwards) and upto its second year.
(As per Ann. II) | Under Graduate Programme |
| 3. To approve curricular structure and syllabus of BPT (second year onwards)
(As per Ann. III) | Under Graduate Programme |
| 4. To rectify the typographical error, the course title of ZO 232 will be read as 'Developmental Biology' and ZO 242 will be read as 'Developmental Biology Laboratory' in various programmes (B.Sc. (Hons) Chemistry and wherever applicable), from the academic session 2018-2019 (with retrospective effect). | Under Graduate Programme |
| 5. To introduce a new CBCS Open Elective paper "Lifetime Fitness & Wellness-I" for entire Mody University UG students from academic year 2019-20.
(As per Ann. IV) | Under Graduate Programme |
| 6. To rectify typographical error in B.Sc. (Hons) Mathematics III year Spring Semester (Session 2016-2017 onwards) in the Course Code of 'Proficiency (Non-Credit)' that is given as 'GE 301'. But the correct course code for 'Proficiency (Non-Credit)' is 'GE 302'. | Under Graduate Programme |
| 7. To rectify typographical error in the year of execution of the modifications in B.Sc. (Hons) Chemistry. In the AC minutes 32.25, erroneous execution date was mentioned. The actual date of execution of these changes is academic session 2018-19. | Under Graduate Programme |

- | | |
|--|--|
| <p>8. To discuss the modifications in curricular structure of M.Sc. (Food and Nutrition) from academic year 2019-20.
(As per Ann. V)</p> | <p>Post Graduate Programme</p> |
| <p>9. To replace BC 511 (Chemistry of Biomolecules) from M.Sc. (Biotechnology)/ (Microbiology)/ (F & N) and CH 561 (Biology for Chemist) from M.Sc. (Chemistry) by BC 531 (Biomolecules) from 2019-20 onwards.
(As per Ann. VI)</p> | <p>Post Graduate Programme</p> |
| <p>10. To replace CH 621 (Bioorganic Chemistry) and BC 611 (Enzymology) from M.Sc. Chemistry and M.Sc. (Biotechnology) IInd year autumn semester by CH 623 (Enzyme Chemistry) from the academic session 2019-20 onwards.
(As per Ann. VI)</p> | <p>Post Graduate Programme</p> |
| <p>11. To introduce the self-study courses for Ph.D. students of Biotechnology.
<i>BT 761 Forensic Biotechnology will be introduced as self-study course for Ph.D. students of Biotechnology.</i>

(As per Ann. VII)</p> | <p>Post Graduate Programme</p> |
| <p>12. To replace CH 534 (Colloids and Surface Chemistry) from the M.Sc. Chemistry 1st year spring semester with newly proposed course CH 536 (Advanced Applications in Chemistry) w.e.f. from 2019-2020.

(As per Ann. VI part B)</p> | <p>Post Graduate Programme</p> |
| <p>13. To conform the nomenclature of UG and PG programmes of SOS, as per UGC standard guidelines.

(As per Ann. VIII)</p> | <p>Under & Post Graduate Programme</p> |
| <p>14. To conform the nomenclature of the different departments run under School of Sciences.

(As per Ann. IX)</p> | <p>Under & Post Graduate Programme</p> |
| <p>15. To resolve that no new programme shall be introduced in any academic session without the prior approval of the same from academic council.</p> | <p>Under & Post Graduate Programme</p> |

16. Any other with permission of the Chair

A handwritten signature in blue ink, appearing to read 'H.K. Dhingra', with a horizontal line drawn underneath.

(Dr. Harish Kumar Dhingra)
Member Secretary

A handwritten signature in blue ink, appearing to read 'A. Kumar', with a horizontal line drawn underneath.

(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University

School of Science (SOS)

Minutes of the 18th meeting of the **Board of Studies** of the School of Sciences held on Monday, 1st July, 2019 at 10:00 AM. Conference Room of ABB, MU, Lakshmangarh

Venue: Conference Room of ABB, MU, Lakshmangarh

Members Present:

S.No	Name	Department/ Specialization
1	Prof. Atul Kumar	Chairman & Dean
2	Dr. K.L. Ameta	Chemistry
3	Dr. Rajarshi Kumar Gaur	Biosciences
4	Dr. R.S. Chundawat	Biosciences
5	Dr. Kanti Prakash Sharma	Biosciences
6	Dr. Rakhee Chaudhary	Physics
7	Dr. Narendra Kumar	Physics
8	Mr. Ulhas Vinay Gondhali	Forensic Science
9	Dr. Jitendra Binwal	Mathematics
10	Dr. Arvind Maharshi	Mathematics
11	Dr. Krishan Pal Sisodia	Mathematics
12	Dr. Bhupendra Kumar Goyal	Special invitee (Biosciences)
13	Dr. Ankit Bhargav	Special invitee (Biosciences)
14	Dr. Harish Kumar Dhingra	Member Secretary (Biosciences)

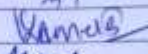
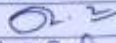
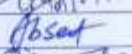
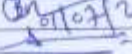
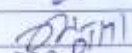
Members Absent :

Dr. Ritambhara Jangir	Chemistry
Dr. Harlal Singh	Chemistry
Dr. Brajraj Singh	Physics
Mr. Siddharth Dangi	Forensic Science

No. MUST/SOS/2019/

Date: 1st July, 2019

The 18th meeting of the **Board of Studies** of the School of Sciences was held on Monday, 1st July, 2019 at 10:00 AM in the Conference Room of ABB-SET, MU, Lakshmangarh. The following Members were present in the meeting

S.No	Name	Department	Signature
1	Prof. Atul Kumar	Chairman & Dean	
2	Dr. K.L. Ameta	Chemistry	
3	Dr. Ritambhara Jangir	Chemistry	Absent
4	Dr. Harlal Singh	Chemistry	Absent
5	Dr. Rajarshi Kumar Gaur	Biosciences	
6	Dr. R.S. Chundawat	Biosciences	
7	Dr. Kanti Prakash Sharma	Biosciences	
8	Dr. Rakhee Chaudhary	Physics	
9	Dr. Narendra Kumar	Physics	
10	Dr. Brajraj Singh	Physics	Absent
11	Mr. Ulhas Vinay Gondhali	Forensic Science	
12	Mr. Siddharth Dangi	Forensic Science	Absent
✓13	Dr. Jitendra Binwal	Mathematics	
14	Dr. Arvind Maharshi	Mathematics	
15	Dr. Krishan Pal Sisodia	Mathematics	
16	Dr. Bhupendra Kumar Goyal	Special invitee Biosciences	
17	Dr. Ankit Bhargav	Special invitee Biosciences	
18	Dr. Harish Kumar Dhingra	Member Secretary (Biosciences)	

- 18.01 Considered the proposal of department level Academic Programme Committee (APC) for approval of the course description/ syllabus for second and third year of B.Sc. (Chemistry, Botany and Zoology) programme, if approved, the course description for second and third years for the programme of B.Sc. (Chemistry, Botany and Zoology) will be as per Annexure I.

Resolved to approve the course description/ syllabus for second and third year of B.Sc. (Chemistry, Botany and Zoology) programme as per detail in Annexure I and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.02 Considered the proposal of department level Academic Programme Committee (APC) for the approval of the curricular structure and syllabus of B.Sc. (Agriculture) 2018 batch onwards (second semester onwards) and upto its second year, if approved, the curricular structure and syllabus of B.Sc. (Agriculture) (second semester onwards) and upto its second year will be as per Annexure II.

Resolved to approve the curricular structure and syllabus of the programme B.Sc. (Agriculture) 2018 batch onwards (second semester onwards) and upto its second year as per detail in Annexure II and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.03 Considered the proposal of department level Academic Programme Committee (APC) for approval of curricular structure (second year onwards) and syllabus (3rd semester only) of BPT, if approved, the curricular structure (second year onwards) and syllabus (3rd semester only) of BPT will be as per Annexure III.

Resolved to approve the curricular structure (second year onwards) and syllabus (3rd semester only) of BPT as per detail in Annexure III and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.04 Considered the proposal of department level Academic Programme Committee (APC) to rectify the typographical error of the 'course title of ZO 232', which will be read as 'Animal Developmental Biology' and 'course title of ZO 242' will be read as 'Animal Developmental Biology Laboratory' in various programmes viz. B.Sc. (Hons) Biotechnology, B.Sc. (Hons) Chemistry, B.Sc. (Hons) F & N, B.Sc. (Hons) Psychology and B.Sc. (Pass course) from the academic session 2018-2019 (with retrospective effect), if approved, ZO 232 and ZO 242 will be read as 'Animal Developmental Biology' and 'Animal Developmental Biology Laboratory' respectively.

Resolved to approve the proposal of department level Academic Programme Committee (APC) and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.05 Considered the proposal for introducing a new CBCS Open Elective paper "Lifetime Fitness &

Wellness-I” for entire Mody University UG students from academic year 2019, if approved, the syllabus the syllabus for Lifetime Fitness & Wellness-I will be as per Annexure IV.

The Board turned down the proposal for now.

- 18.06 Considered the proposal of department level Academic Programme Committee (APC) to rectify typographical error in the Course Code of Proficiency (Non-Credit) in B.Sc. (Hons) Mathematics III year Spring Semester which is mentioned as GE 301. But the correct course code for this Proficiency (Non-Credit) is GE 302.

Resolved to approve the correct code as GE 302 for the course ‘Proficiency’ in spring semester of III year of B.Sc. (Hons) Mathematics, and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.07 Considered the proposal of department level Academic Programme Committee (APC) for the rectification of typographical error in the year of execution of the modifications in B.Sc. (Hons) Chemistry. In the AC minutes 32.25, erroneous execution date was mentioned. The actual date of execution of these changes is academic session 2018-19.

Resolved to approve that execution of these changes is academic session 2018-19 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.08 Considered the proposal of department level Academic Programme Committee (APC) of modifications in curricular structure of M.Sc. (Food & Nutrition) from academic year 2019-20, if approved, the curricular structure of M.Sc. (Food & Nutrition) will be modified as per details given in Annexure V.

The board reviewed the proposal thoroughly and found that the changes may be considered in future.

- 18.09 Considered the proposal of department level Academic Programme Committee (APC) for replacing BC 511 (Chemistry of Biomolecules) from M.Sc. (Biotechnology)/ (Microbiology)/ (F & N) and CH 561 (Biology for Chemist) from M.Sc. (Chemistry) by BC 531 (Biomolecules) from 2019-20 onwards, if approved, the revised syllabus will be as per details given in Annexure VI.

Resolved to approve the change proposed by Dept. of Biosciences/ Chemistry from the academic session 2019-20 and recommended the same to Post Graduate and Research Programme Committee (PGRPC) for consideration, approval and recommendation to the Academic Council for their approval.

- 18.10 Considered the proposal of department level Academic Programme Committee (APC) for replacing CH 621 (Bioorganic Chemistry) and BC 611 (Enzymology) from M.Sc. (Chemistry) and M.Sc.

(Biotechnology) IInd year autumn semester by CH 623 (Enzyme Chemistry) from the academic session 2019-20 onwards, if approved, the revised syllabus will be as per details given in Annexure VI.

Resolved to approve the change proposed by Dept. of Chemistry/ Biosciences from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.11 Considered the proposal of department level Academic Programme Committee (APC) for introducing BT 761 Forensic Biotechnology as self-study course for Ph.D. students of Biotechnology, if approved, the syllabus of newly introduced course will be as per Annexure VII.

Resolved to approve the introduction of BT 761 Forensic Biotechnology as self-study course for Ph.D. students of Biotechnology as per detail in Annexure VII and recommended the same to Post Graduate and Research Programme Committee (PGRPC) for consideration, approval and recommendation to the Academic Council for their approval.

- 18.12 Considered the proposal of department level Academic Programme Committee (APC) for replacing CH 534 (Colloids and Surface Chemistry) from the M.Sc. (Chemistry) 1st year spring semester with newly proposed course CH 536 (Advanced Applications in Chemistry) w.e.f. from 2019-2020, if approved, the course structure and syllabus will be as per details given in Annexure VI part B.

Resolved to approve the change proposed by Dept. of Chemistry from the academic session 2019-20 and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 18.13 Considered the proposal of conforming the nomenclature of UG and PG programmes of School of Sciences as per UGC standard guidelines as given in Ann. VIII.

The Board resolved to conform with the UGC guidelines for all practical purposes as given in Ann. VIII.

- 18.14 Considered the proposal of conforming the nomenclature of the different departments run under School of Sciences as given in Ann. IX.

The Board conformed nomenclature of the different departments run under School of Sciences as given in Ann. IX.

- 18.15 Considered the proposal to resolve that no new programme shall be introduced in any academic session without the prior approval of the same from academic council.

The board resolved that school must seek prior approval from academic council before introducing a new programme. The board further suggested that the approval of the statutory body should be taken, if the nature of the programme requires the same.

The meeting ended with vote of thanks to the chair.

Minutes approved by

Dr. K.L. Ameta

Dr. R.S. Chundawat

Dr. Brajraj Singh

Dr. Arvind Maharshi

Dr. Ritambhara Jangir

Dr. Kanti Prakash Sharma

Mr. Ulhas Vinay Gondhali

Dr. Krishan Pal Sisodia

Dr. Harlal Singh

Dr. Rakhee Chaudhary

Mr. Siddharth Dangi

Dr. Bhupendra Kumar Goyal

Dr. Rajarshi Kumar Gaur

Dr. Narendra Kumar

Dr. Jitendra Binwal

Dr. Ankit Bhargav



(Dr. Harish Kumar Dhingra)
Member Secretary



(Prof. (Dr.) Atul Kumar)
Chairperson

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

28th Board of Studies

(Held on April 10, 2020)

Department of Science

Mody University of Science and Technology

School of Liberal Arts and Sciences (SLAS)

(Science Section)

The 19th meeting of Board of Studies of School of Liberal Arts and Sciences (Science Section) will be held on Saturday, 4th January, 2020 at 3:00 PM in ABB conference room with the following agenda items:

AGENDA

- | | |
|---|--------------------------|
| 1. To approve the course description of BP 121, BP 141, BP 142, BP 171 and BP 172 of BPT programme for batch 18-19 onwards with retrospective effect.
(As per Ann. IA) | Under Graduate Programme |
| 2. To approve the course description of the fourth semester of BPT programme for batch 18-19 onwards.
(As per Ann. IB) | Under Graduate Programme |
| 3. To approve the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 18-19 onwards with retrospective effect.
(As per Ann. II) | Under Graduate Programme |
| 4. To approve the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 17-18 only with retrospective effect.
(As per Ann. III) | Under Graduate Programme |
| 5. To rectify the typographical error, the credits for 'CH 181' (Physical and Inorganic Chemistry-I) and 'CH 191' (Organic Chemistry-I) will be read as '2' (for both course code) in B.Sc. (Pass course) & wherever applicable from the academic session 2018-2019 (with retrospective effect). | Under Graduate Programme |
| 6. To rectify the typographical error, the course code for Entrepreneurship Development (2-0-0-2) would be read as 'BT 394' in B.Sc. (Hons.) Food and Nutrition, B.Sc. (Hons.) Biotechnology & wherever applicable (with retrospective effect). | Under Graduate Programme |
| 7. To introduce a new postgraduate programme M.Sc. Zoology from the academic session 2020-21. | Post Graduate Programme |

The curriculum structure and syllabus of the programme would be proposed in due time.

(As per Ann. IV)

8. To introduce a new postgraduate programme M.Sc. Botany from the academic session 2020-21.

Post Graduate Programme

The curriculum structure and syllabus of the programme would be proposed in due time.

(As per Ann. V)

9. To introduce a new self study courses for Ph.D. students from the academic session 2019-20.

Post Graduate Programme

(As per Ann. VI)

10. To approve the 'number of seats available/ sanctioned' and 'basic input educational qualifications' for different UG and PG programmes.

Under/ Post Graduate Programme

(As per Ann. VII)

11. To establish ethical committee for research according to ICMR guidelines.

Under/ Post Graduate Programme

(As per Ann. VIII)

12. Any other with permission of the Chair



(Dr. Harish Kumar Dhingra)
Member Secretary



(Dr. Rakhee Chaudhary)
Chairperson

Mody University of Science and Technology

School of Liberal Arts and Sciences (SLAS)

(Science Section)

Minutes of the 19th meeting of Board of Studies of School of Liberal Arts and Sciences (Science Section) held on Saturday, 4th January, 2020 at 3:00 PM.

Venue: ABB conference room

Members Present:

S.No	Name
1	Dr. Rakhee Chaudhary (Chairman)
2	Dr. K.L. Ameta
3	Dr. Harlal Singh
4	Dr. S.S. Chauhan
5	Dr. Narendra Kumar
6	Mr. Ulhas Vinay Gondhali
7	Mr. Siddharth Dangi
8	Dr. Jitendra Binwal
9	Dr. Krishan Pal Sisodia
10	Dr. R.S. Chundawat
11	Dr. Sunita Rao
12	Dr. Pragati Daga Dujari (Psychology) Special Invitee
13	Dr. Harish Kumar Dhingra (Member Secretary)

Members Absent: (with permission of chair)

S.No	Name
1	Dr. Arvind Maharshi
2	Dr. Kanti Prakash Sharma
3	Dr. Bhupendra Kumar Goyal
4	Dr. Ankit Bhargava (Physiotherapy)

- 19.01** The Board considered the proposal of Department Level APC for approving the course description of BP 121, BP 141, BP 142, BP 171 and BP 172 of BPT programme for batch 18-19 onwards with retrospective effect, as given in Annexure IA, if approved, the course description of BP 121, BP 141, BP 142, BP 171 and BP 172 of BPT programme for batch 18-19 onwards will be as per Annexure IA.

The Board scrutinized the proposal of DLAPC for the course description of BP 121, BP 141, BP 142, BP 171 and BP 172 of BPT programme for batch 18-19 onwards with retrospective effect as given in Annexure IA. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.02** The Board considered the proposal of Department Level APC for approving the course description of the fourth semester of BPT programme for batch 18-19 onwards, as given in Annexure IB, if approved, the course description of the fourth semester of BPT programme will be as per Annexure IB.

The Board scrutinized the proposal of the course description of the fourth semester of BPT programme for batch 18-19 onwards as given in Annexure IB. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.03** The Board considered the proposal of Department Level APC for approving the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 18-19 onwards with retrospective effect, as given in Annexure II, if approved, the curricular structure of B.Sc. (Hons.) Psychology for batch 18-19 onwards will be as per Annexure II.

The Board scrutinized the proposal of the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 18-19 onwards with retrospective effect as given in Annexure II. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.04** The Board considered the proposal of Department Level APC for approving the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 17-18 only with retrospective effect, as given in Annexure III, if approved, the curricular structure of B.Sc. (Hons.) Psychology for batch 17-18 will be as per Annexure III.

The Board scrutinized the proposal of the revision in curricular structure of B.Sc. (Hons.) Psychology for batch 17-18 with retrospective effect as given in Annexure III. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.05** The Board considered the proposal of Department Level APC for rectifying the typographical error, the credits for 'CH 181' (Physical and Inorganic Chemistry-I) and 'CH 191' (Organic Chemistry-I) will be read as '2' (for both course code) in B.Sc. (Pass course) & wherever applicable from the academic session 2018-2019 (with retrospective effect), if approved, the typographical error would be rectified with retrospective effect.

The Committee scrutinized the proposal of rectifying the typographical error. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.06** The Board considered the proposal of Department Level APC for rectifying the typographical error, the course code for Entrepreneurship Development (2-0-0-2) would be read as 'BT 394' in B.Sc. (Hons.) Food and Nutrition, B.Sc. (Hons.) Biotechnology & wherever applicable (with retrospective effect), if approved, the typographical error would be rectified with retrospective effect.

The Board scrutinized the proposal of rectifying the typographical error. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 19.07** The Board considered the proposal of Department Level APC for introducing a new

postgraduate programme M.Sc. Zoology from the academic session 2020-21, if approved, the curriculum structure and syllabus of the programme would be proposed in due time.

The Board scrutinized the proposal for introducing a new postgraduate programme M.Sc. Zoology from the academic session 2020-21. Further, resolved to recommend the same to the Postgraduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 19.08** The Board considered the proposal of Department Level APC for introducing a new postgraduate programme M.Sc. Botany from the academic session 2020-21, if approved, the curriculum structure and syllabus of the programme would be proposed in due time.

The Board scrutinized the proposal for introducing a new postgraduate programme M.Sc. Botany from the academic session 2020-21. Further, resolved to recommend the same to the Postgraduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 19.09** The Board considered the proposal of Department Level APC for introducing a new self study course for Ph.D. students of Science background from the academic session 2020-21, if approved, the syllabus of the self study course will be as per Annexure IV.

The Board scrutinized and approved the proposal for introducing a new self study course for Ph.D. students from the academic session 2020-21.

- 19.10** The Board considered the proposal of Department Level APC for approval of the 'number of seats available/ sanctioned' and 'basic input educational qualifications' for different UG and PG programmes as per Annexure V.

The Board scrutinized the proposal for approval of the 'number of seats available/ sanctioned' and 'basic input educational qualifications' for different UG and PG programmes as per Annexure V. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) and Postgraduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 19.11** The Board considered the proposal for establishing ethical committee for research according to ICMR.

The Board scrutinized the proposal establishing ethical committee for research according to ICMR and postponed it for further discussion.

(Dr. Harish Kumar Dhingra)
Member Secretary

(Dr. Rakhee Chaudhary)
Chairperson

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

28th Board of Studies

(Held on April 10, 2020)

Department of Science

Mody University
School of Liberal Arts and Sciences
(Departments of Sciences)

The twentieth (20th) meeting of the **Board of Studies** of the Departments of Sciences of School of Liberal Arts and Sciences (SLAS) will be held on 7/7/2020 at 3.00 pm with the following agenda items:

AGENDA

- | | |
|--|--------------------------|
| 1. To revise the following UG programmes of Bio-sciences department to match with standards of UGC CBCS curriculum <ul style="list-style-type: none">• B.Sc. (H) Biotechnology• B.Sc. (H) Psychology• B.Sc. (H) Food and Nutrition• B.Sc. (Chemistry, Botany and Zoology) <p>(As per Ann. I)</p> | Under Graduate Programme |
| 2. To revise curricular structure and syllabus of the programme B.Sc. (Hons.) Forensic Science to be implemented from Academic year 2020-21. <p>(As per Ann. II)</p> | Under Graduate Programme |
| 3. To revise curricular structure and syllabus of the programme B.Sc. (H) Chemistry, to be implemented from Academic year 2020-21. <p>(As per Ann. III)</p> | Under Graduate Programme |
| 4. To revise curricular structure and syllabus of the programme B.Sc. (H) Physics, to be implemented from Academic year 2020-21. <p>(As per Ann. IV)</p> | Under Graduate Programme |
| 5. To revise curricular structure and syllabus of the programme B.Sc. (PCM), to be implemented from Academic year 2020-21. <p>(As per Ann. V)</p> | Under Graduate Programme |
| 6. To revise curricular structure and syllabus of the programme B.Sc. (Hons.) Mathematics to be implemented from Academic year 2020-2021 as per latest UGC guidelines. <p>(As per Ann. VI)</p> | Under Graduate Programme |

7. **To introduce and approve curricular structure (for 3 years) and syllabus (for First year) of a programme B.Sc.-Data Science to be implemented from Academic year 2020-2021.**
(As per Ann. VII) Under Graduate Programme
8. **To revise curricular structure and syllabus of the programme BPT, to be implemented from Academic year 2020-21.**
(As per Ann. VIII) Under Graduate Programme
9. **To approve the revision in the curricular structure and syllabus for the programme BPT and introducing 3rd year & 4th year syllabus for the programme BPT for the batch of 2018-19 onwards.**
(As per Ann. IX) Under Graduate Programme
10. **To approve the syllabus for courses BP 121, BP 141, BP 142, BP 171 and BP 172 of the programme BPT for the academic batch of 2018-19 onwards with retrospective effect.**
(As per Ann. X) Under Graduate Programme
11. **To approve the following four 'Advances in Subject' courses for the programme Ph.D., to be implemented from Academic year 2020-21.**
1. Advances in Biosciences
2. Advances in Chemistry
3. Advances in Physics
4. Advances in Mathematics
(As per Ann. XI)
12. **Any other with permission of the Chair**



(Dr. Harish Kr Dhingra)
Member Secretary



(Prof. (Dr.) Uma Bhardwaj)
Chairperson

Mody University
School of Liberal Arts and Sciences
(Departments of Sciences)

Minutes of the twentieth (20th) meeting of the **Board of Studies** of the Departments of Sciences of School of Liberal Arts and Sciences (SLAS) was held on Tuesday, 7/7/2020 at 3.00 pm

Venue: R N 201, ABB, MU, Lakshmangarh

Members Present:

S.No	Name	Department/ Specialization
1	Prof. (Dr.) Uma Bhardwaj	Chairman & Dean
2	Dr. Kanti Prakash Sharma	Biosciences
3	Dr. K L Ameta	Chemistry
4	Dr. Harlal Singh	Chemistry
5	Dr. Jitendra Binwal	Mathematics
6	Dr. Narendra Kumar	Physics
7	Mr. Ulhas Vinay Gondhali	Forensic Science
8	Dr. N. Joshi	Biosciences
9	Dr. Rakhee Chaudhary	Physics
10	Prof. Amlan Kumar Das	Chemistry
11	Dr. Harish Kumar Dhingra	Member Secretary (Biosciences)

- 20.01 Considered the proposal of Academic Programme Committee (APC) for revising B.Sc. (H) Biotechnology, B.Sc. (H) Psychology, B.Sc. (H) Food and Nutrition and B.Sc. (Chemistry, Botany and Zoology) programmes of Bio-sciences department to match with standards of UGC CBCS curriculum from the academic session 2020-21, if approved, the curricular structure and syllabus for these programmes will be as per Annexure I.

Resolved to approve the revision in curricular structure and course description of the programmes B.Sc. (H) Biotechnology, B.Sc. (H) Psychology, B.Sc. (H) Food and Nutrition and B.Sc. (Chemistry, Botany and Zoology) to match with standards of UGC CBCS curriculum from the academic session 2020-21 as per detail in Annexure I and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.02 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme B.Sc. (Hons.) Forensic Science to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme B.Sc. (Hons.) Forensic Science will be as per Annexure II.

Resolved to approve the revision in curricular structure and syllabus for the programme B.Sc. (Hons.) Forensic Science to be implemented from Academic year 2020-21 as per detail in Annexure II and recommended the same to Under Graduate Programme Committee for consideration,

approval and recommendation to the Academic Council for their approval.

- 20.03 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme B.Sc. (Hons.) Chemistry to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme B.Sc. (Hons.) Chemistry will be as per Annexure III.

Resolved to approve the revision in curricular structure and syllabus for the programme B.Sc. (Hons.) Chemistry to be implemented from Academic year 2020-21 as per detail in Annexure III and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.04 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme B.Sc. (Hons.) Physics to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme B.Sc. (Hons.) Physics will be as per Annexure IV.

Resolved to approve the revision in curricular structure and syllabus for the programme B.Sc. (Hons.) Physics to be implemented from Academic year 2020-21 as per detail in Annexure IV and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.05 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme B.Sc. (PCM) to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme B.Sc. (PCM) will be as per Annexure V.

Resolved to approve the revision in curricular structure and syllabus for the programme B.Sc. (PCM) to be implemented from Academic year 2020-21 as per detail in Annexure V and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.06 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme B.Sc. (Hons.) Mathematics to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme B.Sc. (Hons.) Mathematics will be as per Annexure VI.

Resolved to approve the revision in curricular structure and syllabus for the programme B.Sc. (Hons.) Mathematics to be implemented from Academic year 2020-21 as per detail in Annexure VI and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.07 Considered the proposal of Academic Programme Committee (APC) for introducing and approving curricular structure and syllabus of the programme B.Sc. (Data Science) to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for

the programme B.Sc. (Data Science) will be as per Annexure VII.

Resolved to approve the introduction of curricular structure and syllabus for the programme B.Sc. (Data Science) to be implemented from Academic year 2020-21 as per detail in Annexure VII and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.08 Considered the proposal of Academic Programme Committee (APC) for revising curricular structure and syllabus of the programme BPT to be implemented from Academic year 2020-21, if approved, the curricular structure and syllabus for the programme BPT will be as per Annexure VIII.

Resolved to approve the revision in curricular structure and syllabus for the programme BPT to be implemented from Academic year 2020-21 as per detail in Annexure VIII and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.09 Considered the proposal of Academic Programme Committee (APC) for revising the curricular structure and syllabus for the programme BPT and introducing 3rd year & 4th year syllabus for the programme BPT for the batch of 2018-19 onwards, if approved, the modified curriculum and syllabus for the programme BPT for the batch of 2018-19 onwards will be as per Annexure IX.

Resolved to approve the revision in curricular structure and syllabus for the programme BPT and introduction of 3rd year & 4th year syllabus for the programme BPT for the batch of 2018-19 onwards as per detail in Annexure IX and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.10 Considered the proposal of Academic Programme Committee (APC) for approving the syllabus for courses BP 121, BP 141, BP 142, BP 171 and BP 172 of the programme BPT for the academic batch of 2018-19 onwards with retrospective effect, if approved, the syllabus for courses BP 121, BP 141, BP 142, BP 171 and BP 172 of the programme BPT for the academic batch of 2018-19 onwards will be as per Annexure X.

Resolved to approve the syllabus for courses BP 121, BP 141, BP 142, BP 171 and BP 172 of the programme BPT for the academic batch of 2018-19 onwards with retrospective effect as per detail in Annexure X and recommended the same to Under Graduate Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

- 20.11 Considered the proposal of Academic Programme Committee (APC) for approving the following four 'Advances in Subject' courses for the programme Ph.D., to be implemented from Academic year 2020-21,

1. Advances in Biosciences
2. Advances in Chemistry

3. Advances in Physics

4. Advances in Mathematics

,if approved, the syllabus for four 'Advances in Subject' courses of the programme Ph.D. for the academic batch of 2020-21 onwards will be as per Annexure XI.

Resolved to approve the syllabus for four 'Advances in Subject' courses for the programme Ph.D., to be implemented from Academic year 2020-21 as per detail in Annexure XI.

The meeting ended with vote of thanks to the chair.



(Dr. Harish Kr Dhingra)
Member Secretary



(Prof. (Dr.) Uma Bhardwaj)
Chairperson

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

28th Board of Studies

(Held on April 10, 2020)

Department of Science

Mody University

School of Liberal Arts and Sciences

The 21st (of Sciences) / 28th (of Arts) meeting of the **Board of Studies** of School of Liberal Arts and Sciences (SLAS) will be held on 9-10/4/2021 at 4.00 pm in ABB RN 215/ 201 with the following agenda items:

AGENDA

- 1. To introduce the value added courses from Spring Semester, 20-21.**
Under Graduate Programme
A total of ten value added courses will be offered by different departments of SLAS from spring semester, 20-21. These courses include Vedic and Creational Mathematics, Schematics of Human Body, Ergonomics- Environmental health and safety, Forensic Reflexes Against Crime, Scientific Writing with LaTeX Software, Human Behaviour and Psychology, Indian Society and Culture, The Basics and Praxis on Women Empowerment, Indian Polity and Administration, Descriptive Outline of Indian Geography.
(As per Ann. I)
- 2. To approve proposed programs and number of seats per program of SLAS for the academic session 2021-22 as annexure**
Under/ Post Graduate Programme
(As per Ann. II)
- 3. To rectify the typographical errors in the course codes of six papers of M.Sc. Food & Nutrition first year in the curricular structure and approved as per Ann. AR of Academic Council minutes 36.46; and the error in contact hours of BS20.115 and BS20.116 of first year of B.Sc. (Hons) Biotechnology programme erroneously approved in Ann. X of Academic Council minutes 36.25, to be implemented from Academic year 2020-21.**
Under/ Post Graduate Programme
(As per Ann. III)
- 4. Any other with permission of the Chair**



(Dr. Harish Kumar Dhingra)
Member Secretary



Assistant Dean, SLAS

Mody University

School of Liberal Arts and Sciences

Minutes of 21st (of Sciences) / 28th (of Arts) meeting of the **Board of Studies** of School of Liberal Arts and Sciences (SLAS) was held on 9-10/4/2021

Venue: R N 215/ 201, ABB, MU, Lakshmangarh

Members Present:

S.No	Name	Department/ Specialization
1	Prof. (Dr.) Uma Bhardwaj	Chairman & Dean SLAS
2	Dr. Kanti Prakash Sharma	Member (HOD, Biosciences)
3	Dr. R S Chundawat	Member(Biosciences)
4	Dr. B K Goyal	Member(Biosciences)
5	Dr. Navneet Joshi	Member(Biosciences)
6	Dr. Rakesh Verma	Member(Biosciences)
7	Dr. Neha Vyas	Member(Biosciences)
8	Dr. Kavitha Raja (Principal, JSS college, Mysore)	External Expert (Physiotherapy)
9	Dr. Harish Kumar Dhingra	Member Secretary (Biosciences)
10	Dr. Narendra Kumar	Member(HOD, Physics)
11	Dr. Brajraj Singh	Member(Physics)
12	Dr. Manoj Mishra	Member(Physics)
13	Dr. Mohit Sharma	Member(Physics)
14	Dr. SK Gupta (HOD, Physics, Banasthali Vidyapith)	External Expert (Physics)
15	Dr. Jitendra Binwal	Member(HOD, Mathematics)
16	Dr. Krishnapal Singh Sisodia	Member(Mathematics)
17	Dr. Garima Sharma	Member(Mathematics)
18	Dr. Kiran Singh Bais	Member(Mathematics)
19	Dr. Rishi Kumar Pandey	Member(Mathematics)
20	Dr. Smita Verma, HOD, Maths, SGSITS, Indore, M.P.	External Expert (Mathematics)

- 21.01 Considered the proposal of introducing the value added courses from Spring Semester, 20-21 offered by different departments of SLAS from spring semester, 20-21, if approved, the description and syllabus for these value added courses will be as per Annexure I.

Resolved to approve the introduction of value added courses from the academic session 2020-21 as per detail in Annexure I and recommended the same to the Academic Council for their approval.

- 21.02 Considered the proposal of approving “The proposed programmes and number of seats per program of SLAS for the academic session 2021-22 as Annexure II”, if approved, the number of seats in different programmes offered by School of Liberal Arts and Sciences for AY 21-22 will be as per Annexure II.

Resolved to approve number of seats in different programmes offered by School of Liberal Arts and Sciences for AY 21-22 as per detail in Annexure II and recommended the same to the Academic Council for their approval.

- 21.03 Considered the proposal of rectifying the typographical errors in the course codes of six papers of M.Sc. Food & Nutrition first year mentioned in its curricular structure and approved as per Ann. AR of Academic Council minutes 36.46; and the error in contact hours of BS20.115 and BS20.116 of first year of B.Sc. (Hons) Biotechnology programme erroneously approved in Ann. X of Academic Council minutes 36.25, if approved, the above typographical errors would be rectified as per Annexure III.

Resolved to approve rectification of the typographical errors in the course codes of six papers of M.Sc. Food and Nutrition and contact hours of two courses of B.Sc.(Hons) Biotechnology, to be implemented from Academic year 2020-21 as per detail in Annexure III and recommended the same to the Academic Council for their approval.



(Dr. Harish Kumar Dhingra)
Member Secretary



Assistant Dean, SLAS

SLAS BOS

ARTS

MINUTES

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

***Department of Arts and
Humanities***

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES
DEPARTMENT OF ARTS

Seventeenth Meeting of the **Board of Studies** of the Department of Arts and Humanities held on Tuesday, December 15, 2015 at 1400 hrs., in Conference Hall, FASC

Attendance sheet

Sr.No.	Name	Designation	
1.	Dr. Jagdish Rai Luthra	Dean, Chairperson	
2.	Dr. A.S.Rao	Head of the Department, Associate Professor of English	
3.	Dr. Anil K.S. Jha	Assistant Professor of Sociology	
4.	Dr. Dhananjay Mani Tripathi	Assistant Professor of Sanskrit	
5.	Dr. Kumar S. Pareek	Assistant Professor of Political Science	
6.	Dr. Sarika Mohta	Assistant Professor of Psychology	
7.	Dr. Vinay Kumar Singh	Assistant Professor of French	
8.	Mr. Rishi Kumar	Assistant Professor of Spanish	
9.	Mr. Ashok Singh Rathore	Lecturer in Japanese	
10.	Mr. Sourabh Chatterjee	Lecturer in Chinese	
11.	Mr. Aman Jeet	Lecturer in German	
12.	Dr. Sushil Kumar Rai	Assistant Professor of Economics	
13.	Dr. Arvind Maharishi	Assistant Professor of Mathematics (invitee)	
14.	Prof. (Retd.) S.C. Singh	Deptt of English, University of Rajasthan, Jaipur (External Expert)	
15.	Dr. Neema Papnai	Assistant Professor of Garment Production and Export Mgt. and Member Secretary	



Dr. Jagdish Rai Luthra
(Chairperson)

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES
DEPARTMENT OF ARTS

Seventeenth Meeting of the **Board of Studies** of the Department of Arts and Humanities to be held on Tuesday, December 15, 2015 at 1400 hrs., in Conference Hall, FASC

AGENDA

- 17.01** To introduce Psychology as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme with retrospective effect from the academic session 2015-16 onwards, as per annexure- I. The detail structure and course description of the courses have already been approved by the 13th meeting of Senate dated 11-12-2010.
- 17.02** To introduce Mathematics as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards, as per annexure- II.
- 17.03** To introduce Geography as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.
- 17.04** To introduce History as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.
- 17.05** To introduce Music as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.
- 17.06** To introduce Journalism and Mass Communication as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.
- 17.07** To introduce B.A. (Hons.) in Sociology from the academic session 2016-17 onwards, as per annexure- III. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.
- 17.08** To introduce B.A. (Hons.) in Political Science from the academic session 2016-17 onwards, as per annexure- IV. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.
- 17.09** To introduce B.A. (Hons.) in Garment Production and Export Management from the academic session 2016-17 onwards, as per annexure- V. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.
- 17.10** To introduce B.A. (Hons.) in Sanskrit from the academic session 2016-17 onwards, as per annexure- VI. The detail structure and course description of first two years have already been approved by the 17th meeting of Senate dated 15-06-2012.

- 17.11** To introduce B.A. (Hons.) in German from the academic session 2016-17 onwards, as per annexure-VII.
- 17.12** To introduce B.A. (Hons.) in Spanish from the academic session 2016-17 onwards, as per annexure- VIII.
- 17.13** To introduce Certificate Course and Diploma Course in Spiritual India: Science of Human Possibilities from the academic session 2016-17 onwards, as per annexure- IX.
- 17.14** To replace the following two courses of BA II year spring semester of Garment Production and Export management with equivalent two course from the academic session 2016-17 onwards.

Existing courses			Replaced courses		
Course code	Credit	Course title	Course code	Credit	Course title
CA 111	3	Fundamentals of Computers and Information Technology	GM 232	3	Draping technology
CA 151	2	Application Software Laboratory	GM 242	2	Clothing construction -IV

- 17.15** To introduce M.A. Mathematics from the academic session 2016-17 onwards.
- 17.16** To correct the typographical error in course codes viz EL 561 and EL 581. The replacements are given as under:

Already approved Course code	Rectified Course codes
EL561	EL 513
EL 581	EL 523

Any other item with the permission of the chair.



Dr. Neema Papnai
(Member Secretary)



Dr. Jagdish Rai Luthra
(Chairperson)

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES
DEPARTMENT OF ARTS

Minutes of Seventeenth Meeting of the **Board of Studies** of the Department of Arts and Humanities held on Tuesday, December 15, 2015 at 1400 hrs., in Conference Hall, FASC

Members Present:

Sr.No.	Name	Designation
1	Dr. Jagdish Rai Luthra	Dean, Chairperson
2	Dr. A.S.Rao	Head of the Department, Senior Faculty, English
3	Dr. Anil K.S. Jha	Senior Faculty, Sociology
4	Dr. Dhananjay Mani Tripathi	Senior Faculty, Sanskrit
5	Dr. Kumar S. Pareek	Senior Faculty, Political Science
6	Dr. Sarika Mohta	Senior Faculty, Psychology
7	Dr. Sushil Kumar Rai	Senior Faculty, Economics
8	Dr. Vinay Kumar Singh	Senior Faculty, French
9	Mr. Ashok Singh Rathore	Senior Faculty, Japanese
10	Mr. Rishi Kumar	Senior Faculty, Spanish
11	Mr. Sourabh Chatterjee	Senior Faculty, Chinese
12	Mr. Amanjeet	Senior Faculty, German
13	Dr. Arvind Maharishi	Associate Professor of Mathematics (invitee)
14	Dr. Neema Papnai	Senior Faculty, Garment Production and Export Mgt. and Member Secretary

Members Absent:

1	Prof. (Retd.) S.C. Singh	Deptt of English, University of Rajasthan, Jaipur (External Expert)
---	--------------------------	--

- 1701** To introduce Psychology as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme with retrospective effect from the academic session 2015-16 onwards, as per annexure- I. The detail structure and course description of the courses have already been approved by the 13th meeting of Senate dated 11-12-2010.

The Board scrutinized the proposal and resolved to approve the introduction of Psychology as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 as per the proposal given in Annexure-I. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 1702** To introduce Mathematics as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards, as per annexure- II.

The Board scrutinized the proposal and resolved to approve the introduction of Mathematics as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 as per the proposal given in Annexure-II. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.03** To introduce Geography as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.

The Board scrutinized the proposal and resolved to approve the introduction of Geography as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.04** To introduce History as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.

The Board scrutinized the proposal and resolved to approve the introduction of History as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.05** To introduce Music as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.

The Board scrutinized the proposal and resolved to approve the introduction of Music as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.06** To introduce Journalism and Mass Communication as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17 onwards.

The Board scrutinized the proposal and resolved to approve the introduction of Journalism and Mass Communication as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.07** To introduce B.A. (Hons.) in Sociology from the academic session 2016-17 onwards, as per annexure- III. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in Sociology Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.08** To introduce B.A. (Hons.) in Political Science from the academic session 2016-17 onwards, as per annexure- IV. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in Political Science Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.09** To introduce B.A. (Hons.) in Garment Production and Export Management from the academic session 2016-17 onwards, as per annexure- V. The detail structure and course description of first two years have already been approved by the 5th meeting of Senate dated 01-08-2007.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in Garment Production and Export Management Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.10** To introduce B.A. (Hons.) in Sanskrit from the academic session 2016-17 onwards, as per annexure- VI. The detail structure and course description of first two years have already been approved by the 17th meeting of Senate dated 15-06-2012.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in Sanskrit Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.11** To introduce B.A. (Hons.) in German from the academic session 2016-17 onwards, as per annexure-VII.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in German Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.12** To introduce B.A. (Hons.) in Spanish from the academic session 2016-17 onwards, as per annexure- VIII.

The Board scrutinized the proposal and resolved to approve the introduction of B.A. (Hons.) in Spanish Programme from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.13** To introduce Certificate Course and Diploma Course in Spiritual India: Science of Human Possibilities from the academic session 2016-17 onwards, as per annexure- IX.

The Board scrutinized the proposal to introduce Certificate Course and Diploma Course in Spiritual India: Science of Human Possibilities and resolved to approve the same from the academic session 2016-17 onwards, as per the proposal given in annexure-IX. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.14** To replace the following two courses of BA II year spring semester of Garment Production and Export management with equivalent two courses from the academic session 2016-17 onwards.

Existing courses			Replaced courses		
Course code	Credit	Course title	Course code	Credit	Course title
CA 111	3	Fundamentals of Computers and Information Technology	GM 232	3	Apparel Marketing and Merchanding
CA 151	2	Application Software Laboratory	GM 242	2	Textile Design Laboratory

The Board scrutinized the proposal of replacing the two courses of BA II year spring semester of Garment Production and Export management with equivalent two courses and resolved to approve the same from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Under Graduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Senate.

- 17.15** To introduce M.A. Mathematics from the academic session 2016-17 onwards.

The Board scrutinized the proposal and resolved to approval the same. The agenda has also been discussed in the BOS of Science, CASH and recommended to the Post graduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Senate.

- 17.16** To correct the typographical error in course codes viz EL 561 and EL 581. The replacements are given as under:

Already approved Course code	Rectified Course codes
EL 561	EL 513
EL 581	EL 523

The Board scrutinized the proposal and resolved to recommend the same to the Post graduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Senate.

The Meeting ended with a vote of thanks to the Chair.



Dr. Neema Papnai
(Member Secretary)



Dr. Jagdish Rai Luthra
(Chairperson)

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

***Department of Arts and
Humanities***

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES

DEPARTMENT OF ARTS AND HUMANITIES

Minutes of Eighteenth Meeting of the Board of Studies of the Department of Arts
held on Tuesday, 4th October'2016 at 4.45 conference room, CASH.

Members Present:

Sr. No.	Name	Designation
1	Prof. Amit Mukherjee	Chairperson for Dean CASH
2	Dr. Dhananjay Mani Tripathi	Senior Faculty, Sanskrit
3	Dr. Kumar S. Pareek	Senior Faculty, Political Science
4	Dr. Sushil Kumar Rai	Senior Faculty, Economics
5	Dr. Vinay Kumar Singh	Senior Faculty, French
6	Mr. Ashok Singh Rathore	Senior Faculty, Japanese
7	Mr. Rishi Kumar	Senior Faculty, Spanish
8	Mr. Sourabh Chatterjee	Senior Faculty, Chinese
9	Mr. Amanjeet	Senior Faculty, German
10	Dr. Sangeeta Jhajharia	Senior Faculty, English (Invitee)
11	Dr. Neema Papnai	Senior Faculty, Garment Production and Export Mgt. and Member Secretary

Members Absent:

1.	Prof. (Retd.) S.C. Singh	Deptt of English, University of Rajasthan, Jaipur (External Expert)
2.	Dr. A.S.Rao	HoD and Senior Faculty, English
3.	Dr. Sarika Mohta	Senior Faculty, Psychology

- 18.01 To discuss the Curricular Structure and Course Description of Journalism and Mass Communication (first year) as one of the optional subjects in the structure of three year B.A./ B.A. (Hons.) programme from the academic session 2016-17 onwards, as per annexure- I.

The Board scrutinized the proposal and resolved to approve the Curricular Structure and Course Description of Journalism and Mass Communication (first year) introduced as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.)/ B.A. (Hons.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.02 To discuss the curricular structure and course description of History (first year) as one of the optional subjects in the structure of three year B.A./ B.A. (Hons.) programme from the academic session 2016-17 onwards, as per annexure- II.

The Board scrutinized the proposal and resolved to approve the Curricular Structure and Course Description of History (first year) introduced as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.)/ B.A. (Hons.)

Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.03 To discuss the curricular structure and course description of Geography (first year) as one of the optional subjects in the structure of three year B.A./ B.A. (Hons.) programme from the academic session 2016-17 onwards, as per annexure- III.

The Board scrutinized the proposal and resolved to approve the Curricular Structure and Course Description of Geography (first year) introduced as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.)/ B.A. (Hons.) Programme from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.04 To introduce French as one of the optional subjects in the structure of three year B.A./ B.A. (Hons.) programme and to discuss the curricular structure of first year from the academic session 2016-17 onwards, as per annexure- IV. All these courses have already been passed by the senate in its VIII meeting held on 24th February, 2009. (Annexure C - B.A. (Hons.) French)

The Board scrutinized the proposal and resolved the approval to introduce French as one of the optional subjects in the structure of three year Bachelor of Arts (B.A.)/ B.A. (Hons.) Programme and discussed the curricular structure of first year from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.05 To replace 12 courses of Economics in the structure of three year B.A./ B.A. (Hons.) programme from the academic session 2016-17 onwards, as per annexure V.

The Board scrutinized the proposal and resolved the approval of replacing the 12 courses of Economics being offered by COBMEC as one of the optional subjects in the structure of three year B.A./ B.A. (Hons.) programme at CASH from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.06 To introduce The Bhagavad-Gita (BG 111), as an open Elective Course under CBCS for the Undergraduate students of Mody University from the academic session 2016-17 onwards, as per annexure VI.

The Board scrutinized the proposal and resolved the approval to introduce The Bhagavad-Gita (BG 111), as an open Elective Course under CBCS for the Undergraduate students of Mody University from the academic session 2016-17. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.07 To introduce a Self Study Course for Ph.D. in French and to discuss the Course Description, as per annexure VII.

The Board scrutinized the proposal and resolved the approval to introduce and discuss the course description of Self Study Course for Ph.D. in French (FR 811, Translation Studies). Further, resolved to recommend the same to the Post Graduate and Research Programme Committee (PGRPC) for their consideration and approval.

- 18.08 To discuss the curricular structure of first year of B.A. (Hons.) Sanskrit from the academic session 2016-17 onwards, as per annexure VIII. The detail structure and course description of first two years have already been approved in the 17th meeting of Senate dated 15-06-2012.

The Board scrutinized the proposal and resolved to approve the curricular structure and course description of first year of B.A. (Hons.) in Sanskrit from the academic session 2016-17 onwards. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.09 To replace the two courses of BA second year spring semester with the two equivalent courses and discuss their description (GM 232 Apparel Marketing and Merchandising and GM 242 Textile Design Laboratory), as per annexure IX.

The Board scrutinized the proposal and resolved to approve the course description of GM 232 Apparel Marketing and Merchandising and GM 242 Textile Design Laboratory. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 18.10 Intimation of the proposal that Environmental Studies (MDC003) would be offered in Autumn Semester of first year B.A. (Hons.) Economics Programme offered by COBMEC.

The Board scrutinized the proposal and resolved to approve the intimation of the proposal that Environmental Studies (MDC003) would be offered in Autumn Semester of first year B.A. (Hons.) Economics Programme offered by COBMEC.

- 18.11 To revise the course structure and course code of Research Methodology as per UGC guidelines, Annexure X. The Board considered that this course would be offered in Arts, Science and Humanities.

The Board scrutinized the proposal and resolved the approval of revised course structure and course code of Research Methodology as per UGC guidelines. Further, resolved to recommend the same to the Post Graduate and Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

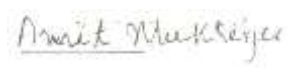
- 18.12 Considered the proposal for the implementation of university wide common academic calendar.

The board considered the importance of implementation of university wide common academic calendar and recommended the same to Under Graduate Programme Committee and Post Graduate Research Programme Committee for consideration, approval and recommendation to the Academic Council for their approval.

The Meeting ended with a vote of thanks to the Chair.



Dr. Neema Papnai
(Member Secretary)



Prof. Amit Mukherjee
(Chairperson)

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES
DEPARTMENT OF ARTS AND HUMANITIES

Minutes of Twentieth Meeting of the Board of Studies of the Department of Arts, held on Tuesday, 6th January, 2016 at 4.00pm in the conference room, CASH.

Members Present:

Sl. No	Name	Designation
01	Prof. Atul Kumar	Chairperson, Dean CASH
02	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
03	Dr. Sangeeta Jhalaria	Assistant Professor of English (Invitee)
04	Dr. K.S.Pareek	Assistant Professor of Political Science
05	Dr. Sarika Mohta	Assistant Professor of Psychology
06	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
07	Mr. Rishi Kumar	Assistant Professor of Spanish
08	Mr. Ashok Singh Rathore	Lecturer in Japanese
09	Mr. Amn Jeet	Lecturer in German
10	Dr. Tathagata Ghosh	Lecturer in Geography
11	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication
12	Dr. Ramesh Chandra Nayak	Member Secretary, Assistant Professor of Sociology

Members Absent:

Sl. No	Name	Designation
01	Dr. Ashok K. Jethawat	Vice-Chancellor's Representative
02	Dr. A. S. Rao	Associate Professor & Head, Department of Arts
03	Dr. Mahesh Sharma	Assistant Professor of English (Invitee)
04	Dr. Rajesh Sharma	Assistant Professor of Economics
05	Mr. Sourabh Chatterjee	Lecturer in Chinese
06	Miss. Srishthi Singh	Lecturer in History

Shayak
08/01/18

AK
8/1/2018

20.01 To discuss the introduction of three years' Bachelor of Journalism and Mass Communication as a new programme from the academic session 2018-19 onwards.

The Board scrutinized the proposal and resolved the approval to introduce three years' Bachelor of Journalism and Mass Communication as a new programme at the Undergraduate Level from the academic session 2018-19. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

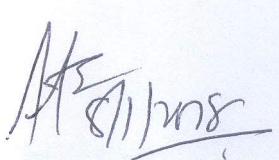
20.02 To discuss the introduction of two years' B.Ed and four years' B.A. B.Ed and B. Sc. B.Ed Integrated as a new programmes.

The Board scrutinized the proposal and resolved the approval to introduce two years' B.Ed and four years' B.A. B.Ed and B. Sc. B.Ed Integrated as new programmes at the Undergraduate Level from the academic session 2018-19. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

The Meeting ended with a vote of thanks to the Chair.


Dr. Ramesh Chandra Nayak

(Member Secretary)


Prof. Atul Kumar

(Chairperson)

Mody University of Science and Technology

College of Arts, Science and Humanities

Minutes of Meeting

Board of Studies

Department of Arts and Humanities

MODY UNIVERSITY
COLLEGE OF ARTS, SCIENCE & HUMANITIES
DEPARTMENT OF ARTS AND HUMANITIES
MINUTES

Minutes of the 19th meeting of the Board of Studies of the Department of Arts and Humanities held at 3.00pm on Thursday, 8th June, 2017 in conference room of CASH.

Members Present		
Sr. No.	Name	Designation
01	Prof. Atul Kumar	Chairperson, Dean CASH
02	Dr. Ashok Singh Rao	Head of the Department, Associate Professor of English
03	Prof. Rajesh Kumar Poonia	Professor of History, Arts College, PDU, Sikar (External Expert)
04	Prof. Rajeew Bagaria	Professor of Geography, Arts College, PDU, Sikar (External Expert)
05	Dr. Rajesh Sharma	Senior Faculty Member, Economics
06	Mr. Rishi Kumar	Senior Faculty Member, Spanish
07	Dr Rajeew Kumar Mishra	Senior Faculty Member, Sanskrit
08	Mr. Amanjeet	Senior Faculty Member, German
09	Dr. Tathagat Ghosh	Senior Faculty Member, Geography
10	Miss Srithi Singh	Senior Faculty Member, History
11	Dr. Ramesh Chandra Nayak	Senior Faculty Member, Sociology and Member Secretary, Board of Studies
Members Absent		
01.	Dr. Jyoti Ranjan Sahoo	Assistant Professor of Media Studies, Galgotias University, Noida
02	Dr. Vinay Kumar Singh	Senior Faculty Member, French
03	Dr. Sangeeta Jhajharia	Senior Faculty Member, English (Invitee)
04	Dr. Neema Papnai	Senior Faculty Member, GPEM
05	Dr. Kumar S. Pareek	Senior Faculty Member, Political Science
06	Dr. Sarika Mohta	Senior Faculty Member, Psychology
07	Mr. Ashok Singh Rathore	Senior Faculty Member, Japanese
08	Mr. Sourabh Chatterjee	Senior Faculty Member, Chinese

- 19.1 To discuss the Curriculum Structure and Course Description of History as one of the optional subjects for the IInd and IIIrd Years in the structure of Three Year B.A./ B.A. (Hons.) programme to be implemented from the Academic Session 2017-18 onwards, as per *Annexure- I*.

The Board scrutinized the proposal and resolved to approve the Curriculum Structure and Course Description of History for IInd and

IIIrd Years, introduced as one of the optional subjects in the structure of Three Year Bachelor of Arts (B.A.)/ B.A. (Hons.) programme from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.

- 19.2 To discuss the Curriculum Structure and Course Description of Geography as one of the optional subjects for the IInd and IIIrd Years in the structure of Three Year B.A./ B.A. (Hons.) programme to be implemented from the Academic Session 2017-18 onwards, as per Annexure- II.

The Board scrutinized the proposal and resolved to approve the Curriculum Structure and Course Description of Geography for IInd and IIIrd Years, introduced as one of the optional subjects in the structure of Three Year Bachelor of Arts (B.A.)/ B.A. (Hons.) programme from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.

- 19.3 To discuss the Curriculum Structure and Course Description of Sanskrit as one of the Honours subjects for the IIIrd Year in the structure of Three Year B.A. (Hons.) programme to be implemented from the academic session 2017-18 onwards, as per Annexure- III.

The Board scrutinized the proposal and resolved to approve the Curriculum Structure and Course Description of Sanskrit for IIIrd Year, introduced as one of the Honours subjects in the structure of Three Year Bachelor of Arts B.A. (Hons.) programme from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.

- 19.4 To discuss the Curriculum Structure and Course Description of Journalism and Mass Communication as one of the optional subjects for the IInd and IIIrd Years in the structure of Three Year B.A./ B.A. (Hons.) programme to be implemented from the Academic Session 2017-18 onwards, as per Annexure- IV.

The Board scrutinized the proposal and resolved to approve the Curriculum Structure and Course Description of Journalism and Mass Communication for IInd and IIIrd Years, introduced as one of the optional subjects in the structure of Three Year Bachelor of Arts (B.A.)/ B.A. (Hons.) programme from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.

- 19.5 To discuss the incorporation of French translation of the course description of French (Approved in the VIIIth Senate) as one of the optional subjects for the

IInd and IIIrd Years in the structure of Three Year B.A. / B.A. (Hons.) programme to be implemented from the Academic Session 2017-18 onwards, as per Annexure-V.

The Board scrutinized the proposal and resolved to approve French Translation of the Course Description of French as one of the optional subjects for the IInd and IIIrd Years in the structure of Three Year Bachelor of Arts (B.A.)/ B.A. (Hons.) programme from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.

- 19.6 To discuss the replacement of two units of **HY 122** (In the second paper of BA/BA Honours Ist Year, Spring Semester) i.e. **The Nile Vally Civilisation Egypt and The Yellow River Civilization China** which exactly matched with two units of **HY 121** (In the second paper of BA/BA Honours Ist Year ,Autumn Semester) under History as one of the optional subjects to be implemented from the Academic Session 2017-18 onwards, as per Annexure-VI.

*The Board scrutinized the proposal and resolved to approve the replacement of two units of **HY 122** (The second paper of BA/BA Honours Ist Year, Spring Semester) i.e. **The Nile Vally Civilisation Egypt and The Yellow River Civilization China** which exactly matched with two units of **HY 121** (The second paper of BA/BA Honours Ist Year ,Autumn Semester) under History as one of the optional subjects in the structure of Three Year Bachelor of Arts (B.A.)/ B.A. (Hons.) programme to be implemented from the Academic Session 2017-18 onwards. It further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for its consideration, approval and recommendation to the Academic Council.*



Dr. Ramesh Chandra Nayak
(Member Secretary, APC/BOS)



Prof. Atul Kumar
(Chairperson, APC/BOS)

Mody University of Science and Technology

School of Liberal Arts

Minutes of Meeting

Board of Studies

Department of Arts and Humanities

MODY UNIVERSITY
School of Liberal Arts

MINUTES

Minutes of the Twenty First Meeting of the Board of Studies (**BOS**), School of Liberal Arts, Mody University held in the conference room of CASH on 14th of December, 2017, MU, Lakshmangarh.

Members Present

Sl. No	Name	Designation
01	Prof. Atul Kumar	Chairperson and Dean, SLA
02	Dr. A. S. Rao	Associate Professor & Head, Department of Arts
03	Dr. Jitendra Binwal	Associate Professor & Head, Department of Mathematics (Invitee)
04	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
05	Dr. Sangeeta Jhalaria	Assistant Professor of English (Invitee)
06	Dr. K.S.Pareek	Assistant Professor of Political Science
07	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
08	Mr. Rishi Kumar	Assistant Professor of Spanish
09	Dr. Tathagata Ghosh	Lecturer in Geography
10	Dr. Ravi Shankar	Assistant Professor of History
11	Dr. Hinakshi Bhanshali	Assistant Professor of Psychology
12	Dr. Arun Pratap Singh	Assistant Professor of Psychology
13	Dr. Ramesh Chandra Nayak	Member Secretary & Assistant Professor of Sociology

Member/s Absent

Sl. No	Name	Designation
01	Mr. Rajeev Kumar Singh	Lecturer in JMC

21.01 To discuss the curriculum structure and course description of the self-study course in English in the structure of Ph.D Programme, as per *Annexure-I*.

The Board scrutinized the proposal and resolved the approval to introduce the self-study course in English at the level of Ph.D Programme. Further, resolved to recommend the

same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 21.02 To discuss the curriculum structure and course description of M.A in Political Science in the structure of Two Years' M.A. Programme, as per Annexure-II.

The Board scrutinized the proposal and resolved the approval to introduce two years' M.A. in Political Science as a new programme at the Post-graduate Level from the academic session 2019-20. Further, resolved to recommend the same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 21.03 To discuss the curriculum structure and course description of Honours in Political Science in the structure of Three Years' B.A. Honours programme with retrospective effect from the Academic Session 2017-18, as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Honours in Political Science at the Undergraduate Level with retrospective effect from the Academic Session 2017-18. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 21.04 To discuss the curriculum structure and course description of Clinical Psychology as one of the elective subjects in the structure of Two Years' M.A. Programme with retrospective effect from the Academic Session 2018-19, as per Annexure-IV.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Clinical Psychology as one of the elective subjects at the Post-graduate Level with retrospective effect from the Academic Session 2018-19. Further, resolved to recommend the same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

- 21.05 To discuss the curriculum structure and course description of B.A. Honours in Sociology in the structure of Three Years' B.A. Honours Programme, as per Annexure-V.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Honours in Sociology at the Undergraduate Level with effect

from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 21.06 To discuss the introduction of B.A. Honours in Geography in the structure of Three Years' B.A. Honours Programme.

The Board scrutinized the proposal and resolved the approval of the introduction of Honours in Geography at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 21.07 To discuss the introduction of B.A. Honours in History in the structure of Three Years' B.A. Honours Programme.

The Board scrutinized the proposal and resolved the approval of the introduction of Honours in History at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 21.08 To discuss the introduction of the proposed new academic model in the place of the existing model.

The Board scrutinized the proposal and considered that all the programs at SLA are guided and governed by UGC – Choice Based Credit System (CBCS) rules and regulations. Therefore, we at SLA humbly submit to UGPC that we would like to be guided by UGC - CBCS norms for the following reasons.

- 1. If we prepare our program structure in line with new academic model then UGC may have reservation for our various programs which will lead us to a situation where we find it tough for UGC and NAAC accreditation.*
- 2. We humbly submit that such new academic related policy should be first discussed and approved in Academic Council and then Schools should be asked to implement.*
- 3. As per letter issued by UGC on 6th April 2018, it is mandatory for all Indian universities to follow CBCS template or model curriculum structure.*

- 21.09 To discuss the revision of the course description of B.A./ B.A. Honours Psychology in the structure of Three Years' B.A./ B.A. Honours Programme, as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the revision of the course description of B.A./ B.A. Honours Psychology at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

21.10 To discuss the revision of the course description of Sociology as one of the optional subjects in the structure of Three Years' B.A./B.A. Honours Programme, as per Annexure-VII.

The Board scrutinized the proposal and resolved the approval of the revision of course description of B.A./ B.A. Honours Sociology at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

21.11 To discuss the replacement of PS 311, PS 321, PS 312, PS 322 by PS 331, PS 341, PS 332, PS 342 respectively in B.A. Pass Course in the structure of Three Years' B.A./ B.A. Honours Programme, as per Annexure-VIII.

The Board scrutinized the proposal and resolved the approval of the replacement of PS 311, PS 321, PS 312 and PS 322 by PS 331, PS 341, PS 332, and PS 342 respectively in B.A. Pass Course at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

Dr. Ramesh Chandra Nayak
(Member Secretary, BOS)

Prof. Atul Kumar
(Chairperson, BOS)

Mody University of Science and Technology

School of Liberal Arts

Minutes of Meeting

Board of Studies

Department of Arts and Humanities

MODY UNIVERSITY**School of Liberal Arts****MINUTES**

Minutes of the Twenty Second Meeting of the Board of Studies (**BOS**), School of Liberal Arts, Mody University held in the conference room of CASH on 27th of October (Saturday), 2018, MU, Lakshmangarh.

Members Present

Sl. No	Name	Designation
01	Prof. Atul Kumar	Chairperson and Dean, SLA
02	Dr. A. S. Rao	Associate Professor & Head, Department of Arts
03	Dr. Jitendra Binwal	Associate Professor & Head, Department of Mathematics (Invitee)
04	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
05	Dr. Sangeeta Jhalaria	Assistant Professor of English (Invitee)
06	Dr. K.S.Pareek	Assistant Professor of Political Science
07	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
08	Mr. Rishi Kumar	Assistant Professor of Spanish
09	Dr. Tathagata Ghosh	Lecturer in Geography
10	Dr. Ravi Shankar	Assistant Professor of History
11	Dr. Hinakshi Bhanshali	Assistant Professor of Psychology
12	Dr. Arun Pratap Singh	Assistant Professor of Psychology
13	Dr. Ramesh Chandra Nayak	Member Secretary & Assistant Professor of Sociology

Member/s Absent

Sl. No	Name	Designation
01	Mr. Rajeev Kumar Singh	Lecturer in JMC

22.01 To discuss the curriculum structure and course description of the self-study course in English in the structure of Ph.D Programme, as per *Annexure-I*.

The Board scrutinized the proposal and resolved the approval to introduce the self-study course in English at the level of Ph.D Programme. Further, resolved to recommend the

same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

22.02 To discuss the curriculum structure and course description of M.A in Political Science in the structure of Two Years' M.A. Programme, as per Annexure-II.

The Board scrutinized the proposal and resolved the approval to introduce two years' M.A. in Political Science as a new programme at the Post-graduate Level from the academic session 2019-20. Further, resolved to recommend the same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

22.03 To discuss the curriculum structure and course description of Honours in Political Science in the structure of Three Years' B.A. Honours programme with retrospective effect from the Academic Session 2017-18, as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Honours in Political Science at the Undergraduate Level with retrospective effect from the Academic Session 2017-18. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

22.04 To discuss the curriculum structure and course description of Clinical Psychology as one of the elective subjects in the structure of Two Years' M.A. Programme with retrospective effect from the Academic Session 2018-19, as per Annexure-IV.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Clinical Psychology as one of the elective subjects at the Post-graduate Level with retrospective effect from the Academic Session 2018-19. Further, resolved to recommend the same to the Post-graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

22.05 To discuss the curriculum structure and course description of B.A. Honours in Sociology in the structure of Three Years' B.A. Honours Programme, as per Annexure-V.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of Honours in Sociology at the Undergraduate Level with effect

from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 22.06 To discuss the introduction of B.A. Honours in Geography in the structure of Three Years' B.A. Honours Programme.

The Board scrutinized the proposal and resolved the approval of the introduction of Honours in Geography at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 22.07 To discuss the introduction of B.A. Honours in History in the structure of Three Years' B.A. Honours Programme.

The Board scrutinized the proposal and resolved the approval of the introduction of Honours in History at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 22.08 To discuss the introduction of the proposed new academic model in the place of the existing model.

The Board scrutinized the proposal and considered that all the programs at SLA are guided and governed by UGC – Choice Based Credit System (CBCS) rules and regulations. Therefore, we at SLA humbly submit to UGPC that we would like to be guided by UGC - CBCS norms for the following reasons.

- 1. If we prepare our program structure in line with new academic model then UGC may have reservation for our various programs which will lead us to a situation where we find it tough for UGC and NAAC accreditation.*
- 2. We humbly submit that such new academic related policy should be first discussed and approved in Academic Council and then Schools should be asked to implement.*
- 3. As per letter issued by UGC on 6th April 2018, it is mandatory for all Indian universities to follow CBCS template or model curriculum structure.*

22.09 To discuss the revision of the course description of B.A./ B.A. Honours Psychology in the structure of Three Years' B.A./ B.A. Honours Programme, as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the revision of the course description of B.A./ B.A. Honours Psychology at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

22.10 To discuss the revision of the course description of Sociology as one of the optional subjects in the structure of Three Years' B.A./B.A. Honours Programme, as per Annexure-VII.

The Board scrutinized the proposal and resolved the approval of the revision of course description of B.A./ B.A. Honours Sociology at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

22.11 To discuss the replacement of PS 311, PS 321, PS 312, PS 322 by PS 331, PS 341, PS 332, PS 342 respectively in B.A. Pass Course in the structure of Three Years' B.A./ B.A. Honours Programme, as per Annexure-VIII.

The Board scrutinized the proposal and resolved the approval of the replacement of PS 311, PS 321, PS 312 and PS 322 by PS 331, PS 341, PS 332, and PS 342 respectively in B.A. Pass Course at the Undergraduate Level with effect from the Academic Session 2019-20. Further, resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.



Dr. Ramesh Chandra Nayak
(Member Secretary, BOS)



Prof. Atul Kumar
(Chairperson, BOS)

Mody University of Science and Technology



School of Liberal Arts

Minutes of Meeting

23rd Board of Studies

(Held on June 25, 2019)

Department of Arts

Minutes of the Twenty Third Meeting of the Board of Studies (BOS), School of Liberal Arts, Mody University held in Room No.201 (ABB Building) on 25th of June, 2019, MU, Lakshmangarh.

Members Present		
Sl. No	Name	Designation
01	Prof. Atul Kumar	Chairperson, Dean CASH
02	Dr. A. S. Rao	Associate Professor & Head, Department of Arts
03	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
04	Dr. Sangeeta Jhalaria	Assistant Professor of English
05	Dr. K.S.Pareek	Assistant Professor of Political Science
06	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
07	Dr. Tathagata Ghosh	Assistant Professor of Geography
08	Mr. Rishi Kumar	Assistant Professor of Spanish
09	Dr. Ashok Singh Rathore	Lecturer in Japanese
10	Mr. Aman Jeet	Lecturer in German
11	Dr. Ravi Shankar	Assistant Professor of History
12	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication
13	Dr. R. C. Nayak	Member Secretary
Members Absent		
01	Dr. Pragati Daga Dujari	Assistant Professor of Psychology

23.01 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours Sociology in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-I.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours Sociology at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the

Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.02 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours Geography in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-II.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours Geography at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.03 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours History in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours History at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.04 To discuss the replacement of four papers of Political Science in the third year of B.A. (Pass) programme w.e.f. 2019-20 and onwards as per Annexure-IV.

The Board scrutinized the proposal and resolved the replacement of four papers of Political Science in third year of B.A. (Pass) programme at the Undergraduate Level w.e.f. the Academic Session 2019-20 and onwards. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.05 To discuss the inclusion of foreign language as a credit course (to make at par with other Honours programmes in SLA) in B.A. Honours Political Science approved in the Academic Council-32, 2018 as per Annexure-V.

The Board scrutinized the proposal and resolved to consider the inclusion of foreign language as a credit course in B.A. Honours Political Science approved in the Academic Council-32, 2018. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.6 To discuss the replacement of twelve papers of Sociology in the structure of Three Years' B.A. (Pass) Programme w.e.f. 2019-20 and onwards, as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the replacement of twelve papers of Sociology in B.A. (Pass) programme at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 23.7 To discuss the course structure and course description of M.A. (Political Science) as a new programme in the School of Liberal Arts as approved by the 32nd Academic Council (Agenda Point No. 32.37) as per Annexure-VII.

The Board scrutinized the course structure and description of M.A. (Political Science) at the Postgraduate Level with effect from the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Postgraduate Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.



DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts



PROF. ATUL KUMAR
Chairman and Dean, SLAS

Mody University of Science and Technology



School of Liberal Arts

Minutes of Meeting

24th Board of Studies

(Held on July 1, 2019)

Department of Arts

MODY UNIVERSITY

School of Liberal Arts

MINUTES

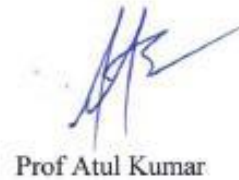
Minutes of the Twenty Fourth Meeting of the Board of Studies (BOS), Department of Arts and Humanities, School of Liberal Arts, held at 11.30 on Monday, 1st of July, 2019 in the Conference Room of ABB building, MU, Lakshmangarh.

Members Present

Sl. No	Name	Designation & Signature
01	Prof Atul Kumar	Dean & Chairperson
02	Dr. A. S. Rao	Head, Department of Arts
03	Dr. Sangeeta Jhalaria	Assistant Professor of English
04	Dr. K.S.Pareek	Assistant Professor of Political Science
05	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
06	Dr. Tathagata Ghosh	Assistant Professor of Geography
07	Dr. Ravi Shankar	Assistant Professor of History
08	Mr. Rajeev Kumar Singh	Lecturer in JMC
09	Dr V K Singh	Assistant Professor of French
10	Prof R K Gaur	Special Invitee
11	Dr. R C Nayak	Member Secretary


Dr A S Rao

Head, Dept. of Arts


Prof Atul Kumar

Dean & Chairperson

24.01 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours Sociology in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-I.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours Sociology at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the

Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.02 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours Geography in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-II.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours Geography at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.03 To discuss the curriculum structure and course description of a new programme i.e. B.A. Honours History in the School of Liberal Arts from the session 2019-20 and onwards as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of B.A. Honours History at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.04 To discuss the replacement of four papers of Political Science in the third year of B.A. (Pass) programme w.e.f. 2019-20 and onwards as per Annexure-IV.

The Board scrutinized the proposal and resolved the replacement of four papers of Political Science in third year of B.A. (Pass) programme at the Undergraduate Level w.e.f. the Academic Session 2019-20 and onwards. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.05 To discuss the inclusion of foreign language as a credit course (to make at par with other Honours programmes in SLA) in B.A. Honours Political Science approved in the Academic Council-32, 2018 as per Annexure-V.

The Board scrutinized the proposal and resolved to consider the inclusion of foreign language as a credit course in B.A. Honours Political Science approved in the Academic Council-32, 2018. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.6 To discuss the replacement of twelve papers of Sociology in the structure of Three Years' B.A. (Pass) Programme w.e.f. 2019-20 and onwards, as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the replacement of twelve papers of Sociology in B.A. (Pass) programme at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

- 24.7 To discuss the course structure and course description of M.A. (Political Science) as a new programme in the School of Liberal Arts as approved by the 32nd Academic Council (Agenda Point No. 32.37) as per Annexure-VII.

The Board scrutinized the course structure and description of M.A. (Political Science) at the Postgraduate Level with effect from the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Postgraduate Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.

DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts

PROF. ATUL KUMAR
Chairman and Dean, SLAS

Mody University of Science and Technology
School of Liberal Arts
Twenty Fifth BOS
MINUTES

Minutes of the Twenty Fifth Meeting of the Board of Studies (BOS), School of Liberal Arts, Mody University held in Room No.201 (ABB Building) on 24th of July (Wednesday), 2019, MU, Lakshmangarh.

Members Present

Sl. No	Name	Designation
01	Prof. Atul Kumar	Chairperson, Dean CASH
02	Dr. A. S. Rao	Associate Professor & Head, Department of Arts
03	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
04	Dr. Sangeeta Jhalaria	Assistant Professor of English
05	Dr. K.S.Pareek	Assistant Professor of Political Science
06	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
07	Mr. Rishi Kumar	Assistant Professor of Spanish
08	Dr. Ashok Singh Rathore	Lecturer in Japanese
09	Mr. Aman Jeet	Lecturer in German
10	Dr. Ravi Shankar	Assistant Professor of History
11	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication
12	Dr. R. C. Nayak	Member Secretary

Members Absent

01	Dr. Pragati Daga Dujari	Assistant Professor of Psychology
02	Dr. Tathagata Ghosh	Assistant Professor of Geography

251 To discuss the curriculum structure and course description of three years' Bachelor of Journalism and Mass Communication (BJMC) as a new programme from the Academic Session 2019-20. The programme was with SOFD in 2018 and has been transferred to SLA in 2019. The only one student who took admission in BJMC in 2018 is now in 2nd Year as per Annexure-I.

The Board scrutinized the proposal and resolved the approval of the curriculum structure and course description of three years' Bachelor of Journalism and Mass Communication (BJMC) as a new programme at the Undergraduate Level w.e.f. the Academic Session 2019-20 and allowed the only one student to continue her course in 2nd Year in SLA. Further, the committee resolved to recommend the same to the Undergraduate

Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

252 To discuss the revision of curriculum structure and course description of FL221 & FL222, which are currently offered as compulsory credit/non-credit courses to all the students of all the schools of the University as per Annexure-II.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of FL221 & FL222, taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

253 To discuss the revision of curriculum structure and course description of FL311 & FL312, which are currently offered as non-compulsory non-credit courses to all the students of all the schools of the University, as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of FL311 & FL312 taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

254 To discuss the revision of curriculum structure and course description of JL 221 and JL222 which are currently offered as compulsory credit/non-credit courses to all the students of all the schools of the University, as per Annexure-IV.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of JL 221 and JL222 taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

255 To discuss the revision of curriculum structure and course description of JL311 and JL312 which are currently offered as non-compulsory non-credit courses to all the students of all the schools of the University, as per Annexure-V.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of JL311 and JL312 taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee

resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

256 To discuss the revision of curriculum structure and course description of SL 221 and SL222 which are currently offered as compulsory credit/non-credit courses to all the students of all the schools of the University, as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of SL 221 and SL222 taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

257 To discuss the revision of curriculum structure and course description of SL311 and SL312 which are currently offered as non-compulsory /non-credit courses to all the students of all the schools of the University, as per Annexure-VII.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of SL311 and SL312 taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

258 To discuss the revision of curriculum structure and course description of GL 221 and GL222 which are currently offered as compulsory credit/non-credit courses to all the students of all the schools of the University, as per Annexure-VIII.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of GL 221 and GL222, taught at the Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

259 To discuss the revision of curriculum structure and course description of GL311 and GL312 which are currently offered as non-compulsory non-credit courses to all the students of all the schools of the University, as per Annexure-IX.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of GL311 and GL312 taught at the

Undergraduate Level w.e.f. the Academic Session 2019-20. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.



DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts



PROF. ATUL KUMAR
Chairman and Dean, SLAS

Mody University of Science and Technology
School of Liberal Arts and Sciences
Department of Arts and Humanities
Twenty Sixth BOS
MINUTES

Minutes of the Twenty Sixth Meeting of the Board of Studies (**BOS**), School of Liberal Arts and Sciences, Department of Arts and Humanities, Mody University held in Room No.201 (ABB Building) at 4. 15pm on Monday, 6th of January, 2020 MU, Lakshmangarh.

Members Present		
Sl. No	Name	Designation
1	Prof. Rakhee Choudhary	Chairman and Dean SLAS
2	Prof. A. S. Rao	Chairman & HOD, Arts
3	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
4	Dr. Sangeeta Jhalaria	Assistant Professor of English, (Invitee)
5	Dr. K.S.Pareek	Assistant Professor of Political Science
6	Dr. Pragati Daga Dujari	Assistant Professor of Psychology
7	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
8	Dr. Ashok Singh Rathore	Lecturer in Japanese
9	Dr. Tathagata Ghosh	Assistant Professor of Geography
10	Dr. Ravi Shankar	Assistant Professor of History
11	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication
12	Mr. Rishi Kumar	Assistant Professor of Spanish
13	Dr. R. C. Nayak	Member Secretary
Members Absent		
1	Mr. Aman Jeet	Lecturer in German

26.1 To discuss the revision of the course codes and descriptions of the different courses, offered under the UG and PG programmes with effect from the Academic Session 2020-21.

The Committee scrutinized the proposal and resolved the approval of the revision of the course codes and descriptions of the different courses offered under the UG and PG programmes with effect from the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) and Post Graduate and Research

Committee (PGPRC) for their consideration, approval and recommendation to the Academic Council.

26.2 To discuss the change of the nomenclature of Bachelor of Journalism and Mass Communication (BJMC) to BA (Journalism and Mass Communication).

The Committee scrutinized the proposal and resolved the approval of the change of the nomenclature of Bachelor of Journalism and Mass Communication (BJMC) to BA Journalism and Mass Communication (BAJMC). Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

26.3 To discuss the curriculum structure and course description of self-study course in English as a new course with effect from the Academic Session 2019-20 as per Annexure-I.

The Committee scrutinized the proposal and resolved the approval of the curriculum structure and course description of self-study course in English as a new course with effect from the Academic Session 2019-20.

26.4 To discuss the curriculum structure and course description of self-study course in Geography as a new course with effect from the Academic Session 2019-20 as per Annexure-II.

The Committee scrutinized the proposal and resolved the approval of the curriculum structure and course description of self-study course in Geography as a new course with effect from the Academic Session 2019-20.

26.5 To discuss the introduction of a new programme, M. Sc. Psychology with effect from the Academic Session 2020-21 in the model of M.A. Psychology.

The Committee scrutinized the proposal and resolved the approval of the introduction of M. Sc. Psychology as a new programme with effect from the Academic Session 2020-21. Further, the committee recommended the same to the Post Graduate and Research Committee (PGPRC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.

Dr. R. C. Nayak
Member Secretary, APC

Prof. Rakhee Choudhary
Chairman and Dean SLAS

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

27th Board of Studies

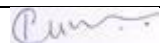
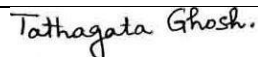
(Held on July 7, 2020)

Department of Arts and Foreign Languages

MINUTES

Minutes of the Twenty Seventh meeting of the Board of Studies (BOS), Department of Arts and Foreign Languages, School of Liberal Arts and Sciences, Mody University held at 4.00pm on Tuesday, 7th of July, 2020 in Room No. 201 of ABB Building, MU, Lakshmanagarh.

Members Present

Sl. No	Name	Designation	Signature
01	Prof.Uma Bharadwaj	Chairman and Dean, SLAS	
02	Dr. A. S. Rao	Professor & Head, Department of Arts	
03	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages	
04	Dr. Sangeeta Jhalaria	Assistant Professor of English	
05	Dr. K.S.Pareek	Assistant Professor of Political Science	
06	Dr. Pragati Daga Dujari	Assistant Professor of Psychology	
07	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit	
08	Mr. Rishi Kumar	Assistant Professor of Spanish	
09	Dr. Ashok Singh Rathore	Assistant Professor of Japanese	
10	Dr. Tathagata Ghosh	Assistant Professor of Geography	
11	Dr. Ravi Shankar	Assistant Professor of History	
12	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication	
13	Mr. Amn Jeet	Lecturer in German	
14	Dr. R. C. Nayak	Member Secretary	

27.01 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in English in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-I.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in English at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee

resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.02 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in Psychology in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-II.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in Psychology at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.03 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in Political Science in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-III.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in Political Science at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.04 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in Sociology in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-IV.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in Sociology at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.05 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in Geography in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-V.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in Geography at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.06 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in History in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-VI.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in History at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.07 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in French in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-VII.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in French at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.08 To discuss the revision of the curriculum structure and course description of B.A. (Hons.) in Sanskrit in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-VIII.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. (Hons.) in Sanskrit at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.09 To discuss the revision of the curriculum structure and course description of B.A. (Journalism and Mass Communication) in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-IX.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. Journalism and Mass Communication at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.10 To discuss the revision of the curriculum structure and course description of B.A. Pass Course in the Department of Arts, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-X.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of B.A. Pass Course at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

27.11 To discuss the revision of the existing curriculum structure and course description of Compulsory Courses in Foreign Languages (French, German, Japanese and Spanish) in the Department of Foreign Languages, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-XI.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of Compulsory Courses in Foreign Languages (French, German, Japanese and Spanish) in the Department of Foreign

Languages at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

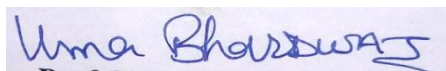
27.12 To discuss the revision of the curriculum structure and course description of Certificate Courses and Diploma Courses in Foreign Languages (French, German, Japanese and Spanish) in the Department of Foreign Languages, School of Liberal Arts and Sciences from the Academic Session 2020-2021 onwards as per Annexure-XI.

The Board scrutinized the proposal and resolved the approval of the revision of the curriculum structure and course description of Certificate Courses and Diploma Courses in Foreign Languages in the Department of Foreign Languages at the Undergraduate Level w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.



DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts



PROF UMA BHARGAVA
Chairman and Dean, SLAS

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

28th Board of Studies

(Held on April 10, 2020)

Department of Arts and Foreign Languages

MINUTES

Minutes of the Twenty Eighth meeting of the Board of Studies (BOS), Department of Arts and Foreign Languages, School of Liberal Arts and Sciences, Mody University held at 4.00pm on Tuesday, 10th of April, 2021 in Room No. 201 of ABB Building, MU, Lakshmangarh.

Members Present

Sl. No	Name	Designation
01	Prof.Uma Bharadwaj	Chairman and Dean, SLAS
02	Dr. A. S. Rao	Professor & Head, Department of Arts
03	Dr. V.K.Singh	Assistant Professor & Head, Department of Foreign Languages
04	Dr. Sangeeta Jhalaria	Assistant Professor of English
05	Dr. K.S.Pareek	Assistant Professor of Political Science
06	Dr. Pragati Daga Dujari	Assistant Professor of Psychology
07	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit
08	Mr. Rishi Kumar	Assistant Professor of Spanish
09	Dr. Ashok Singh Rathore	Assistant Professor of Japanese
10	Dr. Tathagata Ghosh	Assistant Professor of Geography
11	Dr. Ravi Shankar	Assistant Professor of History
12	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication
13	Mr. Amn Jeet	Lecturer in German
14	Dr. R. C. Nayak	Member Secretary

28.01 To discuss the introduction of one value added course in Psychology from the Academic Session 2020-2021 onwards as per Annexure-I.

The Board scrutinized the proposal and resolved the approval of the introduction of one value added course in Psychology at both the Undergraduate and Post Graduate Levels w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC/PGRPC) for their consideration, approval and recommendation to the Academic Council.

28.02 To discuss the introduction of two value added courses in Sociology from the Academic Session 2020-2021 onwards as per Annexure-II.

The Board scrutinized the proposal and resolved the approval of the introduction of two value added courses in Sociology at both the Undergraduate and Post Graduate Levels w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC/PGRPC) for their consideration, approval and recommendation to the Academic Council.

28.03 To discuss the introduction of one value added course in Political Science from the Academic Session 2020-2021 onwards as per Annexure-III.

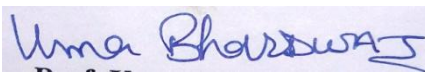
The Board scrutinized the proposal and resolved the approval of the introduction of one value added course in Political Science at both the Undergraduate and Post Graduate Levels w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC/PGRPC) for their consideration, approval and recommendation to the Academic Council.

28.04 To discuss the introduction of one value added course in Geography from the Academic Session 2020-2021 onwards as per Annexure-IV.

The Board scrutinized the proposal and resolved the approval of the introduction of one value added course in Geography at both the Undergraduate and Post Graduate Levels w.e.f. the Academic Session 2020-21. Further, the committee resolved to recommend the same to the Undergraduate Programme Committee (UGPC/PGRPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.


DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts


PROF. UMA BHARGAVA
Chairman and Dean, SLAS

Mody University of Science and Technology



School of Liberal Arts and Sciences

Minutes of Meeting

29th Board of Studies

(Held on September 27, 2021)

Department of Art

Minutes of the Twenty Ninth meeting of the Board of Studies (BOS), Department of Arts and Foreign Languages, School of Liberal Arts and Sciences, Mody University held at 4.00pm on Friday, 24th of September, 2021 in Room No. 201 of ABB Building, MU, Lakshmangarh.

Members Present

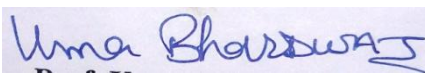
Sl. No	Name	Designation	Signature
01	Prof. Uma Bharadwaj	Chairman and Dean, SLAS	
02	Dr. A. S. Rao	Professor & Head, Department of Arts	
03	Dr. V.K. Singh	Assistant Professor & Head, Department of Foreign Languages	
04	Dr. Sangeeta Jhalaria	Assistant Professor of English	
05	Dr. Arun Kumar	Assistant Professor of Political Science	
06	Dr. Kedar	Assistant Professor of Psychology	
07	Dr. Rajiv Kumar Mishra	Assistant Professor of Sanskrit	
08	Dr. Tathagata Ghosh	Assistant Professor of Geography	
09	Dr. Ravin Singh	Assistant Professor of History	
10	Mr. Rajeev Kumar Singh	Lecturer in Journalism and Mass Communication	
11	Dr. R. C. Nayak	Member Secretary and Assistant Professor of Sociology	

29.01 To discuss the introduction of one self-study course in Geography from the Academic Session 2021-2022 onwards as per Annexure-I.

The Board scrutinized the proposal and resolved the introduction of the curriculum structure and course description of self-study course in Geography at the Ph.D level w.e.f. the Academic Session 2021-22. Further, the committee resolved to recommend the same to the Post Graduate Research Programme Committee (PGRPC) for their consideration, approval and recommendation to the Academic Council.

The meeting ended with vote of thanks.


DR. RAMESH CHANDRA NAYAK
Member Secretary, BOS, Arts


PROF. UMA BHARADWAJ
Chairman and Dean, SLAS

SOA BOS
MINUTES

MINUTES OF THE MEETING OF BOARD STUDIES IN ARCHITECTURE

Meeting of the BoS in Architecture was held on 23 June, 2017 at 14:30 Hrs in the conference room of CET Department, ABB Building. Following members were present:

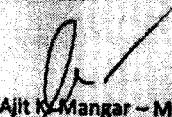
1. Dr Ravindra Deshmukh, Chairperson
2. Prof. Ajit K. Mangar – Member
3. Ar Pratik Patel – External Member and Expert
4. Dr Venugopal Rao, Member
5. Mahesh Kumar – Member Secretary

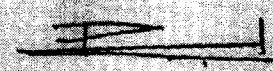
Following points were presented before the BoS for Discussion:

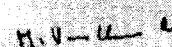
1. Review of the Curriculum of the course Bachelors of Architecture
2. The frame work of all semesters was worked out earlier but the details of syllabus was done up to sixth semester. This Board reviewed details of syllabus from 7th semester to 10th semester and approved it.

The meeting ended at 17.00 Hrs with a vote of thanks to the chair.


Dr Ravindra Deshmukh, Chairperson


Prof. Ajit K. Mangar – Member


Ar Pratik Patel – External Member and Expert


Dr Venugopal Rao, Member


Mahesh Kumar – Member Secretary

The Details of the syllabus from 7th to 10th Semester is attached.

31-10-2018

Minutes of meeting of B.O.S. of SATP

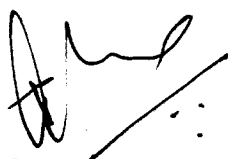
Agenda: 1. Review of Curriculum of Bachelors of Architecture Course.

Following actions has been taken –

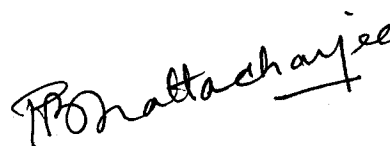
1. Teaching & evaluation scheme has been revised as per COA in the curriculum.
2. Concept of LTP (Lecture, Theory, Practical) has been introduced.
3. Subjects has been clearly identified & defined as practical & theory.
4. As per COA norms
 - 1 Credit = 1 period = 1 Hour
5. Two design projects (1 Major & 1 Minor) shall be done in every design studio.
6. The comments and corrections in the syllabus and evaluation scheme are marked and attached.

Members of the Board of Studies in Architecture:

1. Prof. Tarun Gupta, Chairperson
2. Prof. Pratima Bhattacharjee – Member
3. Prof. Sohan Gupta – External Member and Expert
4. Dr. M. Venu Gopala Rao – Member
5. Mr. Gagan Jain – Member Secretary



Prof. Tarun Gupta, Chairperson



Prof. Pratima Bhattacharjee – Member



Prof. Sohan Gupta – External Member and Expert

Dr. M. Venu Gopala Rao ,Member



Mr. Gagan Jain – Member Secretary

Minutes of meeting of B.O.S. of SATP

Notice of Meeting of SATP:

A Meeting of Board of Studies of the Academic Board will be held on Wednesday, 31st Oct, 2018 at 10:00 Hrs in conference room, ABB Building, Mody University.

Agenda: 1. Review of Curriculum of Bachelors of Architecture Course.

BOARD OF STUDIES IN ARCHITECTURE

Date: 31st Oct 2018

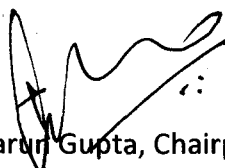
Time: 10:00 AM

Venue: Conference Room, ABB Building, MUST

Members of the Board of Studies in Architecture:

1. Prof. Tarun Gupta, Chairperson
2. Prof. Pratima Bhattacharjee – Member
3. Prof. Sohan Gupta – External Member and Expert
4. Dr. M. Venu Gopala Rao – Member
5. Mr. Gagan Jain – Member Secretary

The meeting ended at 12:10 Hrs. with vote of thanks to the chair.


Prof. Tarun Gupta, Chairperson


Prof. Pratima Bhattacharjee – Member


Prof. Sohan Gupta – External Member and Expert

Dr. M. Venu Gopala Rao ,Member


Mr. Gagan Jain – Member Secretary

The details of the syllabus and evaluation scheme are attached

Minutes of meeting of B.O.S. of SATP

Notice of Meeting of SATP:

A Meeting of Board of Studies of the Academic Board will be held on Wednesday, 31st Oct, 2018 at 10:00 Hrs in conference room, ABB Building, Mody University.

Agenda: 1. Review of Curriculum of Bachelors of Architecture Course.

BOARD OF STUDIES IN ARCHITECTURE

Date: 31st Oct 2018

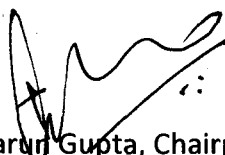
Time: 10:00 AM

Venue: Conference Room, ABB Building, MUST

Members of the Board of Studies in Architecture:

1. Prof. Tarun Gupta, Chairperson
2. Prof. Pratima Bhattacharjee – Member
3. Prof. Sohan Gupta – External Member and Expert
4. Dr. M. Venu Gopala Rao – Member
5. Mr. Gagan Jain – Member Secretary

The meeting ended at 12:10 Hrs. with vote of thanks to the chair.


Prof. Tarun Gupta, Chairperson


Prof. Pratima Bhattacharjee – Member


Prof. Sohan Gupta – External Member and Expert

Dr. M. Venu Gopala Rao ,Member


Mr. Gagan Jain – Member Secretary

The details of the syllabus and evaluation scheme are attached



MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH • RAJASTHAN
A Leading Women's University



SCHOOL OF ARCHITECTURE

Lakshmangarh(Sikar), Rajasthan - 332311

Email: dean.soa@modyuniversity.ac.in

Dated: 13th Sept 2019

Time: 10:00 am

MINUTES OF MEETING of Board of studies, SOA

Agenda: Interim permission for conducting Examination of Batch 2019-20 as per the B. Arch syllabus 2019-20. In response to the objection raised by UGPC regarding the design of the curriculum of B. Arch as per the COA minimum standards 2017, syllabus was re-reviewed, and report was submitted with following inferences:

- All courses of study put together should engage the students for a minimum of 26 periods/ hours of study a week and a maximum of 30 periods per week. SOA is following the same.
- Every semester shall offer a minimum of 26 credits and a maximum of 30 credits. SOA is following the same.
- Design project can vary from 9 in the lower semesters to 15 in the higher semesters. SOA is following the same.
- Credits for the Architectural Design project/Thesis can vary from 15 to 18. SOA is providing 18 credits for the same.
- The total number of credits for the B. Arch degree course could vary from a minimum of 260 credits to a maximum of 300 credits. SOA has been decided 263 for the same.

Members for Board of studies (2019-2020)

1: Chairperson: Ar. K. P. Mishra

2: Academic expert: Ar. Mahesh Kr. Choudhary

3: Academic expert: AR. Ashwini Tiwari

4. Academic expert : AR. Pallavi Keswani

4: Member secretary: Ar. Payal Gupta