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

MODY UNIVERSITY
OF SCIENCE AND TECHNOLOGY
(Established u/s 2(f) of the UGC Act, 1956)
Lakshmangarh (Sikar), Rajasthan 332 311, India
Ph. No. : (01573) 225001-12 · Fax : (01573) 225041
email : registrar@modyuniversity.ac.in · www.modyuniversity.ac.in

Annexure_3.4.1

Criterion III – Research, Innovations and Extension

Key Indicators - 3.4 Research Publications and Awards

Metric No. 3.4.1_ The institution ensures implementation of its stated Code of Ethics for research

3.4.1.1 The institution has a stated Code of Ethics for research and the implementation of which is ensured through the following:

1. Inclusion of research ethics in the research methodology course work (Page No 2-12)
2. Presence of institutional Ethics committees (Animal, chemical, bio-ethics etc)(Page No 13-14)
3. Plagiarism check (Page No 15-92)
4. Research Advisory Committee (Page No 93-159)

3.4.1

Date: 05/02/2020

To,
The Dean Academics
Mody University of Science and Technology
Lakshmangarh

Subject: Course credit requirements for PhD course work

In view of the latest notification of UGC regarding the course work of PhD programme, dated December 2019. UGC added one more subject entitled "Research and Publication Ethics", two credit course. This course is compulsory for those students admitted in PhD program after 1st January 2020.

To maintain constancy throughout in our university, the proposed course work for PhD programme w.e.f. January, 1st, 2020. The details of subjects is given below:

S.No.	Subject	Credit
1	Research Methodology	04
2	Core Subject (Subject Specific)	04
3	Research and Publication Ethics (RPE)	02
4	Seminar I & II	04
Total credits		14

Each student will be required to earn above 14 credits. Student earns 14 credits for above subjects if he/she obtains a minimum of B grade for successfully completing the course.

Submitted for your consideration and approval for the same.

Controller of Examination

CONTROLLER OF EXAMINATION

Director

Recommended

05/02/2020

Enclosed: Letter of UGC with Annexure

ज्ञान विज्ञान विमुक्तये

प्रो. रजनीश जैन
सचिव
Prof. Rajnish Jain
Secretary

सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग
University Grants Commission
(मानव संसाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of India)
बहादुरशाह जफ़र मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002
Ph :. 011-23236288/23239337
Fax : 011-2323 8858
E-mail : secy.ugc@nic.in

D.O.No.F.1-1/2018(Journal/CARE)

December, 2019

Respected Sir/Madam,

University Grants Commission in its 543rd meeting held on 9th August, 2019 approved two Credit Courses for awareness about publication ethics and publication misconducts entitled **"Research and Publication Ethics (RPE)"** to be made compulsory for all Ph.D. students for pre-registration course work (**attached as Annexure**).

In view of the above, you are requested to ensure that the above two Credit courses may be made compulsory for all Ph.D. students for pre-registration course work undertaken in your University from the forthcoming academic session.

With regards,

Yours sincerely,

(Rajnish Jain)

TO THE VICE-CHANCELLORS OF ALL UNIVERSITIES

ANNEXURE

Course Title:

- **Research and Publication Ethics (RPE)**-Course for awareness about the publication ethics and publication misconducts.

Course Level:

- 2 Credit course (30 hrs.)

Eligibility:

- M.Phil., Ph.D. students and interested faculty members (It will be made available to post graduate students at later date)

Fees:

- As per University Rules

Faculty:

- Interdisciplinary Studies

Qualifications of faculty members of the course:

- Ph.D. in relevant subject areas having more than 10 years' of teaching experience

About the course

Course Code: CPE- RPE

Overview

- This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Pedagogy:

- Class room teaching, guest lectures, group discussions, and practical sessions.

Evaluation

- Continuous assessment will be done through tutorials, assignments, quizzes, and group discussions. Weightage will be given for active participation. Final written examination will be conducted at the end of the course.

Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
Theory		
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	4
RPE 03	Publication Ethics	7
Practice		
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	4
RPE 06	Databases and Research Metrics	7
	Total	**30**

Syllabus in detail

THEORY

- **RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**

1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- **RPE 02: SCIENTIFICCONDUCT (5hrs.)**

1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

- **RPE 03: PUBLICATION ETHICS (7 hrs.)**

1. Publication ethics: definition, introduction and importance
2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE

- **RPE 04: OPEN ACCESS PUBLISHING(4 hrs.)**

1. Open access publications and initiatives

2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4hrs.)**

A. Group Discussions (2 hrs.)

1. Subject specific ethical issues, FFP, authorship
2. Conflicts of interest
3. Complaints and appeals: examples and fraud from India and abroad

B. Software tools (2 hrs.)

Use of plagiarism software like Turnitin, Urkund and other open source software tools

- **RPE 06: DATABASES AND RESEARCH METRICS (7hrs.)**

A. Databases (4 hrs.)

1. Indexing databases
2. Citation databases: Web of Science, Scopus, etc.

B. Research Metrics (3 hrs.)

1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
2. Metrics: h-index, g index, i10 index, altmetrics

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Annexure-I

(In compliance of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2016 & 2019)

SCHEME OF EVALUATION

for Research Methodology, Research and Publication Ethics

Ph.D.
PROGRAMME

SL. NO.	COURSE CODE	SUBJECT	CREDITS	MIN. QUALIFYING MARKS/ Grade	MAX. MARKS
1	RM20.711	Research Methodology	4	64/B	100
2	CPE-RPE101*	Research and Publication Ethics	2	64/B	100
3		Core Subject	4	64/B	100
4		Seminar-I, Seminar-II	4	64/B	100

***Amended w.e.f. January 01, 2020, as per UGC D.O. No. F-1-1/2018(Journal/CARE)**

Evaluation Scheme:

Course Code	Course Title	Contact Hours per Week			Credits	ETE Duration	Weight age (%)		
		L	T	P		Hours	CW*	MTE	ETE
RM20.711	Research Methodology	3	-	2	4	3	30	20	50
CPE-RPE 101	Research and Publication Ethics	1	-	2	2	3	40	20	40

- *Practical evaluation is under the category of CW.

RM20.711 **Research Methodology** **3-0-2-4**

Course Objectives:

1. To equip students with knowledge, abilities and insight in research methodology and related interdisciplinary fields.
2. To plan and design research using scientific and statistical methods.

1. **Introduction to Research:** Meaning, nature, purpose and motivation; Types of research – exploratory, descriptive, causal, and analytical; Research process; Definition of construct and variables and types of variables; Bases for choosing a topic; Problem definition; Literature review, Identification of research gap; Formulation of objectives; Signification and relevance of research objectives. **[06]**

2. **Research Design and Sampling:** Research Design - Meaning, need, features, types, important concepts, developing a research plan. **[06]**
Sampling: Census and Sample Survey, implications and types of sampling, process of sample selection, criteria and characteristics of selecting a good sample.

3. **Scaling and Methods of Data Collection:** Definition and types of scales, construction of measurement scale, errors, test of sound measurement scale. **[06]**
Methods of data collection: Types, sources and methods (Qualitative and Quantitative).

4. **Statistical Tools for Data Analysis*:** Measures of central tendency – Mean, Median, Mode, Quartiles, Deciles and Percentiles , Measures of Dispersion: Standard Deviation – Variance – Coefficient of Variance, Skewness, Correlation – Karl Pearson's coefficient of Correlation, Rank Correlation, Regression: Method of Least Squares. Formulation of hypothesis-Testing of hypothesis, Type I and Type II Errors. Parametric tests: Z-test, t-test, F-test, Analysis of Variance; One-Way and Two- way classification. Non parametric tests – Chi-Square test. **[09]**

5. **Application of Computer in Research*:** MS office and its application in Research, Use of Internet in Research – Websites, Search Engines, E-journal and E-Library – INFLIBNET. **[06]**
MS-Excel: Data representation, application of inbuilt formulas, formulation of equation using BODMAS rule in MS-Excel.

6. **Foundation of Research and Report Writing*:** Significance and technique of interpretation, importance of report writing, types of reports, structure and components, writing research proposal and synopsis, planning phase of report writing (cauterization), Bibliography, Appendices, referencing, Style Manuals – APA style, MLA style, ASA style, Harvard/IEEE etc), plagiarism, journals, citations and indexing, funding agencies, ethics in research, characteristics of a good research report. **[06]**

Remark: 39 Hours for Lecture and 26 Hours for Practical*.

Course Outcome:

1. Develop the ability to understand and analyse the problems and able to connect the problem with practical and present scenario.
2. Develop the ability to think independently as well as scientifically towards for continuous lifelong learning process.
3. Analyse the situation, convert into problem and find its solution.

Suggested Readings

1. Aczel and Sounderpandian (2008). Complete Business Statistics. Tata-McGraw Hill India.
2. Anderson, Sweeney, William, Cam (2014). Statistics for Business and Economics. Cengage Learning. India
3. Cooper Donald R and Schindler Pamela S. (2006). Business Research Methods. McGraw-Hill Education. India
4. Gupta, S.L., Gupta, H. (2011). SPSS 17.0 for Researchers. International Book House (Pvt.) Limited, (2), New Delhi.
5. Gupta S. P. (2014). Statistical Methods. Sultan Chand and Sons. India
6. Krishnaswami, O. R., Ranganatham M. (2011). Methodology of Research in Social Sciences. Himalaya Publishing House. India
7. Kothari C. R. (2004). Research Methodology: Methods and Techniques. New Age International (P) Publisher. New Delhi
8. Lambert, Joan , Frye, Curtis D. (2016). Microsoft Office 2016 Step By Step. PHI
9. Levin and Rubin (2008). Statistics for Management. Dorling Kindersley Pvt Ltd. India
10. Sekaran Uma (2003). Research Methods for Business. Wiley India.
11. Zikmund, Babin, Carr, Griffin (2003). Business Research Methods. Cengage Learning, India.
12. https://www.proschoolonline.com/blog/top-10-data-analytics-tools

CPE-RPE 101 **Research and Publication Ethics** **1-0-2-2 (3 hrs)**

OBJECTIVE: This course has total 6 units focusing on basics of philosophy of science and ethics, research integrity, publication ethics. Hands-on-sessions are designed to identify research misconduct and predatory publications. Indexing and citation databases, open access publications, research metrics (citations, h-index, Impact Factor, etc.) and plagiarism tools will be introduced in this course.

Theory **(4)**

RPE 01: Philosophy and Ethics

1. Introduction to philosophy: defination, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgements and reactions **(4)**

RPE 02: Scientific Conduct

1. Ethics with respect to science and research.
2. Intellectual honesty and research integrity.
3. Scintific misconducts: Falsification, Fabrication, and Plagiarism (FET)
4. Redundant publications: duplicate and overapping publications, salami slicing
5. Slective reporting and misrepresentation of data **(7)**

RPE 03: Publication Ethics

1. Publication ethics: defination, introduction and importance
2. Best practics/ standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: defination, concept, problem that lead to unethical behavior and vice versa, types
5. Violation of publuication ethics, authorship and contributorship
6. Identificationnof publication misconduct , complaints and appeals
7. Predatory publishers and journals

PRACTICE **(4)**

RPE 04: Open Access Publishing

1. Open access publications and initiatives
2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journals Suggester, etc.

RPE 05: PUBLICATION MISCONDUCT **(2)**

A. Group Discussions
   1. Subject specific ethical issues, FFP, authorship
   2. Conflicts of interst
   3. Complaints and appeals: examples and fraud from India and abroad. **(2)**

B. Software tools
   - Use of plagiarism software like Turnitin, Urkund and other open source software tools

RPE 06: Databases and Research Metrics **(4)**

A. Databases
   1. Indexing databases
   2. Citation databases: Web of Science, Scopus, etc. **(3)**

B. Research Metrics
   1. Impact Factor of Journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
   2. Metrics: h-index, g index, i10 index, altmetrics

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

PhD Course work Time Table, Autumn Semester 2020-21

Phase-III (w.e.f. 18th (Monday) January 2021 to 25th (Monday) January, 2021

Day/ Time	Monday 18/01 & 25/01	Tuesday 19/01	Wednesday 20/01	Thursday 21/01	Friday 22/01	Saturday 23/01
9:00-10:00	Research Methodology Dr. Siddhey	Advance in Subjects	Advance in Subjects	Research Methodology Dr. Siddhey	Research Methodology Dr. Siddhey	RPE (Unit-5) M. Didwania
10:00-11:00	Seminar	Research Methodology Dr. Siddhey	Research Methodology Dr. Siddhey	Advance in Subjects	Advance in Subjects	Advance in Subjects
11:30 -12:30	Research Methodology Dr. Siddhey	RPE (Unit-5) M. Didwania	Seminar	Research Methodology Dr. Siddhey	Research Methodology Dr. Siddhey	Research Methodology Dr. Siddhey
12.30-1.30	Advance in Subjects	Research Methodology Dr. Siddhey	Research Methodology Dr. Siddhey	RPE (Unit-5) M. Didwania	Advance in Subjects	Seminar
2.30-3.30	RPE (Unit-5) M. Didwania	Advance in Subjects	Advance in Subjects	Seminar	Seminar	Advance in Subjects
3.30-4.30	Seminar	RPE (Unit-4) Dr. BR Singh	RPE (Unit-4) Dr. BR Singh	RPE (Unit-4) Dr. BR Singh	RPE (Unit-4) Dr. BR Singh	Research Methodology Dr. Siddhey

Advance in Subjects and Seminar: The following subject's classes to be taken arranged by concern department

10 Marks Continuous assessments by faculty, after the last day of phase

Subject	Number of Lecturer	Credit	Phase-I 19/11/20 - 2/12/20	Phase-II 21/12/20 - 29/12/20	Phase-III 18/1/21 - 25/1/21	Phase-IV 15/2/20 - 27/2/21
Research Methodology	52	4	16	11	14	
Research and Publication Ethics	30	2	8-2 (RS) = 6	7+2 (RS) = 9	4(BRS)+ 4(MD)	
Advance in Subjects	52	4	16	13	11	

Phase wise time table circulated separately

Uma Bhardwaj
University Ph.D. Cell

Prof. Uma Bhardwaj, Chairman of University Ph.D. Cell

Copy to: All PhD coordinators, Please Inform concern faculty members and students

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

PhD Course work Time Table, Spring Semester 2020-21

Phase-I (w.e.f. 3rd May, 2021 to 15th May, 2021: SOB

Day/ Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
9:00-10:00	RPE Prof. SY Kumar	RPE Prof. SY Kumar	RPE Prof. SY Kumar	RPE Prof. SY Kumar	RPE Prof. SY Kumar	RPE Prof. SY Kumar
10:00-10:00	Research Methodology Prof. M Didawania	Research Methodology Prof. M Didawania	Research Methodology Prof. M Didawania	Research Methodology Prof. M Didawania	Research Methodology Prof. M Didawania	Research Methodology Prof. M Didawania
11:30 -12:30	Advance in Subjects Dr BS Rathore	Advance in Subjects Dr Rajesh Sharma	Advance in Subjects Dr BS Rathore	Advance in Subjects Dr Rajesh Sharma	Advance in Subjects Dr BS Rathore	Advance in Subjects Dr Rajesh Sharma
12.30-1.30	Research Methodology Dr. Ganesh BE	Research Methodology Dr. Ganesh BE	Research Methodology Dr. Ganesh BE	Research Methodology Dr. Ganesh BE	Research Methodology Dr. Ganesh BE	Research Methodology Dr. Ganesh BE
2.30-3.30	Advance in Subjects Dr BS Rathore	Advance in Subjects Dr Manish Didwania	Advance in Subjects Dr Rajesh Sharma	Advance in Subjects Dr Manish Didwania	Advance in Subjects Dr Manish Didwania	Advance in Subjects Dr Manish Didwania
3.30-4.30	Seminar Dr Ganesh	Seminar Dr Ganesh	Seminar Dr BS Rathore	Seminar Dr BS Rathore	Seminar Dr Manish Didwania	Seminar Dr Manish Didwania

Advance in Subjects and Seminar: The following subject's classes to be taken arranged by concern department

10 Marks Continuous assessments by faculty, after the last day of phase

Subject	Number of Lecturer	Credit	Phase-I 3/05/21 to 15/05/21	Phase-II 01/06/21 - 12/06/21	Phase-III 01/07/21 - 7/07/21
Research Methodology	52	4	24	22	6
Research and Publication Ethics	30	2	12	11	7
Advance in Subjects	52	4	24	22	6

Phase wise time table circulated separately

Uma Bharadwaj

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Ref. No.:2021/ETHICS COMMITTEE

Date: 19.10.2021

COMPOSITION ETHICS COMMITTEE

Members of the Committee will be as follows:

Sr. No.	Name of the Official and address	Designation
1.	Dr. Devendra Dadich Professor Principal Specialist and Head (Medicine) Govt. S K Medical College, Sikar Rajasthan-332001 Email: devdadhich3@gmail.com Phone No:9829934634	Chairperson (Non-Affiliated)
2.	Dr. R S Chundawat Assistant Professor Dept. of Biosciences School of Liberal Arts and Sciences Mody University of Science and Technology Lakshmangarh, Sikar, Rajasthan-332311 Email: rschundawat.slas@modyuniversity.ac.in Phone No:9829982192	Secretary (Affiliated)
3.	i. Dr Manoj Tongra Assistant Drug Controller Sikar Email: manojtongra@gmail.com Phone no. +91-7597037877 ii. Dean School of Liberal Arts and Sciences Mody University of Science and Technology Lakshmangarh, Sikar, Rajasthan-332311 Email: dean.slas@modyuniversity.ac.in Phone No:7055004666	Basic Medical Scientist (Affiliated/ Non Affiliated)
4.	i.Dr. Nirmaljeet Kaur (Mody University Clinic Doctor) ii. Dr Rakesh Kumar Jangir CHC, Lakshmangarh, Sikar, Rajasthan Email: rakesh2282@gmail.com Phone No:7737017779	Clinicians (Affiliated/ Non Affiliated)
5.	Prof. S C. Shastri Dean, School of Law Mody University of Science and Technology Lakshmangarh, Sikar, Rajasthan-332311 Email: dean.sol@modyuniversity.ac.in Phone No: 9414047320	Legal Experts (Affiliated/ Non Affiliated)

6.	**i.** Dr. A S Rao Professor Dept. of Arts School of Liberal Arts and Sciences Mody University of Science and Technology Lakshmangarh, Sikar, Rajasthan-332311 Email: asrao.slas@modyuniversity.ac.in Phone No:9587063792 **ii**. Dr. Arvind Kumar Mahala Associate Professor Dept. of Sociology, Govt. Arts College, Sikar Email: arvindmahala1973@gmail.com Phone: 9414558554	Social Scientist/Philosopher/Philosopher/ethicist/theologian (Affiliated/ Non Affiliated)
7.	Mr Raghuveer Pareek Shree Raghunath Hospital Lakshmangarh, Sikar, Rajasthan Phone No. 7725913605 Email:pareekraghuveer74@gmail.com	Lay person (Non Affiliated)-Community Representative

Registrar

REGISTRAR
Mody University of Science and Technology
Lakshmangarh (Distt Sikar) 332311

POLICY FOR PREVENTION OF PLAGIARISM

1. This policy shall be called the "Prevention of Plagiarism" in Mody University of Science and Technology.
2. This policy shall apply to the students, faculty, researchers and staff of Mody University of Science and Technology.
3. This policy shall come into force from the date of approval by Board of Management of the Mody University of Science and Technology

4. Definitions -

In these regulations, unless the context otherwise requires—

a. "Academic Integrity" is the intellectual honesty in proposing, performing and reporting any activity, which leads to the creation of intellectual property;

b. "Author" includes a student or a faculty or a researcher or staff of Mody University of Science and Technology who claims to be the creator of the work under consideration;

c. "Commission" means the University Grants Commission as defined in the University Grants Commission Act, 1956;

d. "Common Knowledge" means a well-known fact, quote, figure or information that is known to most of the people;

e. "Degree" means any such degree specified by the University Grants Commission, by notification in the Official Gazette, under section 22 of the University Grants Commission Act, 1956;

f. "Departmental Academic Integrity Panel" shall mean the body constituted at the departmental level to investigate allegations of plagiarism;

g. "Faculty" refers to a person who is teaching and/or guiding students enrolled at Mody University of Science and Technology in any capacity whatsoever i.e. regular, ad-hoc, guest, temporary, visiting etc;

h. "Information" includes data, message, text, images, sound, voice, codes, computer programs, software and databases or microfilm or computer generated microfiche;

i. "Institutional Academic Integrity Panel" shall mean the body constituted at Mody University of Science and Technology to consider recommendations of the departmental academic integrity panel and take appropriate decisions in respect of allegations of plagiarism and decide on penalties to be imposed. In exceptional cases, it shall investigate allegations of plagiarism at the institutional level;

j. "Plagiarism" means the practice of taking someone else's work or idea and passing them as one's own.

k. "Programme" means a programme of study leading to the award of a masters and research level degree;

l. "Researcher" refers to a person conducting academic / scientific research in Mody University of Science and Technology.

m. "Script" includes research paper, thesis, dissertation, chapters in books, full-fledged books and any other similar work, submitted for assessment / opinion leading to the award of master and research level degrees or publication in print or electronic media by students or faculty or researcher or staff of Mody University of Science and Technology; however, this shall exclude assignments / term papers / project reports / course work / essays and answer scripts etc.;

n. "Source" means the published primary and secondary material from any source whatsoever and includes written information and opinions gained directly from other people, including eminent scholars, public figures and practitioners in any form whatsoever as also data and information in the electronic form be it audio, video, image or text; Information being given the same meaning as defined under Section 2 (1) (v) of the Information Technology Act, 2000 and reproduced here in Regulation 2 (l);

o. "Staff" refers to all non-teaching staff working in Mody University of Science and Technology in any capacity whatsoever i.e. regular, temporary, contractual, outsourced etc.;

p. "Student" means a person duly admitted and pursuing a programme of study including a research programme in any mode of study (full time or part-time or distance mode);

q. "University" means a university established or incorporated by or under a Central Act, a Provincial Act or a State Act, and includes an institution deemed to be university under section 3 of the UGC Act, 1956;

r. "Year" means the academic session in which a proven offence has been committed. Words and expressions used and not defined in these regulations but defined in the University Grants Commission Act, 1956 shall have the meanings respectively assigned to them in UGC Act, 1956.

5. **Objectives-**

5.1 To create awareness about responsible conduct of research, thesis, dissertation, promotion of academic integrity and prevention of misconduct including plagiarism in academic writing among student, faculty, researcher and staff.

5.2 To establish institutional mechanism through education and training to facilitate responsible conduct of research, thesis, dissertation, promotion of academic integrity and deterrence from plagiarism.

5.3 To develop systems to detect plagiarism and to set up mechanisms to prevent plagiarism and punish a student, faculty, researcher or staff of Mody University of Science and Technology committing the act of plagiarism.

6. **Duties of Mody University of Science and Technology:**

MUST has established the mechanism as prescribed in this policy, to enhance awareness about responsible conduct of research and academic activities, to promote academic integrity and to prevent plagiarism.

7. **Awareness Programs and Trainings:**

(a) Mody University of Science and Technology shall instruct students, faculty, researcher and staff about proper attribution, seeking permission of the author wherever necessary, acknowledgement of source compatible with the needs and specificities of disciplines and in accordance with rules, international conventions and regulations governing the source.

(b) Mody University of Science and Technology shall conduct sensitization seminars/ awareness programs every semester on responsible conduct of research, thesis, dissertation, promotion of academic integrity and ethics in education for students, faculty, researcher and staff.

(c) Mody University of Science and Technology shall:

i. Include the cardinal principles of academic integrity in the curricula of Undergraduate (UG)/Postgraduate (PG)/Master's degree etc. as a compulsory course work/module.

ii. Include elements of responsible conduct of research and publication ethics as a compulsory course work/module for Masters and Research Scholars.

iii. Include elements of responsible conduct of research and publication ethics in Orientation and Refresher Courses organized for faculty and staff members of the Mody University of Science and Technology.

iv. Trained student, faculty, researcher and staff for using plagiarism detection tools and reference management tools.

v. Establish facility equipped with modern technologies for detection of plagiarism.

vi. Encourage student, faculty, researcher and staff to register on international researcher's Registry systems.

8. Curbing Plagiarism-

a) Mody University of Science and Technology shall declare and implement the technology based mechanism using appropriate software so as to ensure that documents such as thesis, dissertation, publications or any other such documents are free of plagiarism at the time of their submission.

b) The mechanism as defined at (a) above shall be made accessible to all engaged in research work including student, faculty, researcher and staff etc.

c) Every student submitting a thesis, dissertation, or any other such documents to the Mody University of Science and Technology shall submit an undertaking indicating that the document has been prepared by him or her and that the document is his/her original work and free of any plagiarism.

d) The undertaking shall include the fact that the document has been duly checked through a Plagiarism detection tool approved by the Mody University of Science and Technology.

e) Each supervisor shall submit a certificate indicating that the work done by the researcher under him / her is plagiarism free.

f) Mody University of Science and Technology shall submit to INFLIBNET soft copies of all Masters, Research program's dissertations and thesis within a month after the award of degrees for hosting in the digital repository under the "Shodh Ganga e-repository".

9. Mody University of Science and Technology shall create Institutional Repository on institute website which shall include dissertation / thesis / paper / publication and other in-house publications. Similarity checks for exclusion from Plagiarism.

The similarity checks for plagiarism shall exclude the following:

i. All quoted work reproduced with all necessary permission and/or attribution.
ii. All references, bibliography, table of content, preface and acknowledgements.
iii. All generic terms, laws, standard symbols and standards equations.

Note:
The research work carried out by the student, faculty, researcher and staff shall be based on original ideas, which shall include abstract, summary, hypothesis, observations, results, conclusions and recommendations only and shall not have any similarities. It shall exclude a common knowledge or coincidental terms, up to fourteen (14) consecutive words.

10. Levels of Plagiarism-

Plagiarism would be quantified into following levels in ascending order of severity for the purpose of its definition:

i. Level 0: Similarities upto 10% - Minor similarities, no penalty
ii. Level 1: Similarities above 10% to 40%
iii. Level 2: Similarities above 40% to 60%
iv. Level 3: Similarities above 60%

11. Detection/Reporting/Handling of Plagiarism-

If any member of the academic community suspects with appropriate proof that a case of plagiarism has happened in any document, he or she shall report it to the Departmental Academic Integrity Panel (DAIP). Upon receipt of such a complaint or allegation the DAIP shall investigate the matter and submit its recommendations to the Institutional Academic Integrity Panel (IAIP) of the Mody University of Science and Technology.

The authorities of Mody University of Science and Technology can also take suo motu notice of an act of plagiarism and initiate proceedings under these regulations. Similarly, proceedings can also be initiated by the Mody University of Science and Technology on the basis of findings of an examiner. All such cases will be investigated by the IAIP.

12. **Departmental Academic Integrity Panel (DAIP)-**

i. All Departments in Mody University of Science and Technology shall notify a DAIP whose composition shall be as given below:

a. Chairman - Head of the Department

b. Member - Senior academician from outside the department, to be nominated by the head of Mody University of Science and Technology.

c. Member - A person well versed with anti-plagiarism tools, to be nominated by the Head of the Department.

The tenure of the members in respect of points 'b' and 'c' shall be two years. The quorum for the meetings shall be 2 out of 3 members (including Chairman).

ii. The DAIP shall follow the principles of natural justice while deciding about the allegation of plagiarism against the student, faculty, researcher and staff.

iii. The DAIP shall have the power to assess the level of plagiarism and recommend penalty(ies) accordingly.

iv. The DAIP after investigation shall submit its report with the recommendation on penalties to be imposed to the IAIP within a period of 45 days from the date of receipt of complaint / initiation of the proceedings.

13. **Institutional Academic Integrity Panel (IAIP)-**

i. Mody University of Science and Technology shall notify a IAIP whose composition shall be as given below:

a. Chairman - Dean/Senior Academician of the MUST.
b. Member - Senior Academician other than Chairman, to be nominated by the Head of MUST.
c. Member - One member nominated by the Head of MUST from outside the HEI
d. Member - A person well versed with anti-plagiarism tools, to be nominated by the Head of the MUST. The Chairman of DAIP and IAIP shall not be the same. The tenure of the Committee members including Chairman shall be three years. The quorum for the meetings shall be 3 out of 4 members (including Chairman).

ii. The IAIP shall consider the recommendations of DAIP.

iii. The IAIP shall also investigate cases of plagiarism as per the provisions mentioned in these regulations.

iv. The IAIP shall follow the principles of natural justice while deciding about the allegation of plagiarism against the student, faculty, researcher and staff of Mody University of Science and Technology.

v. The IAIP shall have the power to review the recommendations of DAIP including penalties with due justification.

vi. The IAIP shall send the report after investigation and the recommendation on penalties to be imposed to the Head of the Mody University of Science and Technology within a period of 45 days from the date of receipt of recommendation of DAIP/ complaint / initiation of the proceedings.

vii. The IAIP shall provide a copy of the report to the person(s) against whom inquiry report is submitted.

14. **Penalties-**

Penalties in the cases of plagiarism shall be imposed on students pursuing studies at the level of Masters and Research programs and on researcher, faculty & staff of the Mody University of Science and Technology only after academic misconduct on the part of the individual has been established without doubt, when all avenues of appeal have been exhausted and individual in question has been provided enough opportunity to defend himself or herself in a fair or transparent manner.

14.1 Penalties in case of plagiarism in submission of thesis and dissertations
Institutional Academic Integrity Panel (IAIP) shall impose penalty considering the severity of the Plagiarism.

i. Level 0: Similarities upto 10% - Minor Similarities, no penalty.

ii. Level 1: Similarities above 10% to 40% - Such student shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.

iii. Level 2: Similarities above 40% to 60% - Such student shall be debarred from submitting a revised script for a period of one year.

iv. Level 3: Similarities above 60% -Such student registration for that programme shall be cancelled.

Note 1: Penalty on repeated plagiarism- Such student shall be punished for the plagiarism of one level higher than the previous level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative.

Note 2: Penalty in case where the degree/credit has already been obtained - If plagiarism is proved on a date later than the date of award of degree or credit as the case may be then his/her degree or credit shall be put in abeyance for a period recommended by the IAIP and approved by the Head of the Institution.

14.2 Penalties in case of plagiarism in academic and research publications

I. Level 0: Similarities up to 10% - Minor similarities, no penalty.

II. Level 1: Similarities above 10% to 40%

i) Shall be asked to withdraw manuscript.

III. Level 2: Similarities above 40% to 60%

i) Shall be asked to withdraw manuscript.

ii) Shall be denied a right to one annual increment.

iii) Shall not be allowed to be a supervisor to any new Master's, M.Phil., Ph.D. Student/scholar for a period of two years.

IV. Level 3: Similarities above 60%

i) Shall be asked to withdraw manuscript.

ii) Shall be denied a right to two successive annual increments.

iii) Shall not be allowed to be a supervisor to any new Master's, M.Phil., Ph.D. Student/scholar for a period of three years.

Note 1: Penalty on repeated plagiarism - Shall be asked to withdraw manuscript and shall be punished for the plagiarism of one level higher than the lower level committed by him/her. In case where plagiarism of highest level is committed then the punishment for the same shall be operative. In case level 3 offence is repeated then the disciplinary action including suspension/termination as per service rules shall be taken by the Mody University of Science and Technology.

Note 2: Penalty in case where the benefit or credit has already been obtained - If plagiarism is proved on a date later than the date of benefit or credit obtained as the case may be then his/her benefit or credit shall be put in abeyance for a period recommended by IAIP and approved by the Head, Mody University of Science and Technology.

Note 3: Mody University of Science and Technology shall create a mechanism so as to ensure that each of the paper publication/thesis/dissertation by the student, faculty, researcheror staff of the MUST is checked for plagiarism at the time of forwarding/submission.

Note 4: If there is any complaint of plagiarism against the Head of Mody University of Science and Technology, a suitable action, in line with these regulations, shall be taken by the Controlling Authority of the MUST.

Note 5: If there is any complaint of plagiarism against the Head of Department/Authorities at the institutional level, a suitable action, in line with these regulations, shall be recommended by the IAIP and approved by the Competent Authority.

Note 6: If there is any complaint of plagiarism against any member of DAIP or IAIP, then such member shall excuse himself / herself from the meeting(s) where his/her case is being discussed/investigated.

15. **Removal of Difficulty**

Mody University of Science and Technology reserves the right to remove difficulty/difficulties in the course of implementations of these Regulations.

Note: The policy framed is in line with the provisions stated under UGC Regulation 2018 for Plagiarism; therefore, it may change with amendments in UGC Regulation.

CC: President, Director, Dean-Administration, All Deans, Principals, Registrar, All GMs, COE, DGM-Adm. EA to Hon'ble Chairman (Kolkata Office)

Inter Office Memo

Fm:	To:
Controller of Examination MUST, Lakshmangarh.	Dean-CET, Dean-CASH, Dean-CLG, Dean-COBMEC, Dean-CFDM, Dean-CAD

Ref: CoE/ Plagiarism/2017-18 Dated: 16-08-2017

Sub.: Plagiarism Regarding– Compliance of UGC Regulations 2016 (For award of Ph. D. Degree).

Dear all,

Plagiarism is presenting as someone else's work or ideas as your own, with or without their consent by incorporating it into your work without full acknowledgement.

Plagiarism is an act of fraud and is widely recognized as a serious problem in academic institutions. In order to check plagiarism and any similar act of academic dishonesty by students or Faculty member, College of Engineering and Technology (CET) has procured and installed plagiarism prevention software **Turnitin** as a learning and prevention tool and access of the same has been provided to all potential users across the University.

Turnitin is a web based system that allow student's papers to be submitted and checked for plagiarism. The **Turnitin** system compares students papers with source available on the internet, select commercial article databases and paper submitted of other institutions using Turnitin. For every paper submitted to Turnitin, a unique customized Originality Report is generated. Each report identifies the matches that the system made, which can then be investigated.

In order to ensure the cognizance of UGC Regulation 2016 for award of Ph. D. Degree, (Minimum standard and procedure for award of Ph. D. Degree), while submitting for evaluation, the dissertation/thesis shall have an undertaking from the research scholar and a certificate from the Research Supervisor attesting to the originality of the work, vouching that there is no plagiarism and that the work has not been submitted for the award of any other degree/diploma of the same Institution where the work was carried out, or to any other Institution.

In this direction, **REVISED FORMAT** (declaration by the Research Scholar) and further verification by the concerned Supervisor has been **drafted** and forwarding the same to all Deans for further dissemination to all concerned for checking and suggestion in the **REVISED FORMAT.**

Deans of respective colleges are requested to please give suggestions/ comments latest by 20-08-2017. In case you do not have any comments / suggestions, kindly inform to the office of COE to the extent that you are in agreement with the **REVISED FORMAT,** which will facilitate to process further for approval and to be implemented in all thesis to be submitted in Academic Year 2017-18 and onwards.

Regards,

V. K. BAJAJ
Controller of Examination, MUST

CC:

1. President
2. Vice President
3. Registrar
4. President Office
5. EA to Hon'ble Chancellor

INFLIBNET Centre

Memorandum of Understanding (MoU) for Shodhganga/Shodhgangotri

(A Repository of Theses and Dissertations submitted to the Universities in India)

This Memorandum of Understanding (MoU) is made and entered into on 10 (Day) June (Month) 2019 (Year) between the INFLIBNET Centre, an IUC of University Grants Commission located at Gandhinagar, hereinafter referred to as "INFLIBNET" and Mody University of Science and Technology (University), here in after referred to as the **'University'**.

WHEREAS, INFLIBNET Centre, an Inter-university Centre of the University Grants Commission, as its mandate, promotes open access to scholarly content generated in universities. The Centre has computers, network, software infrastructure and technical know-how required for hosting electronic versions of theses and dissertations in open access with interface to search, retrieve and access these content.

WHEREA Mody University of Science and Technology (University) has agreed to take part in *the process* of digitisation of old theses and dissertations (not available in computerized machine-readable format) and building-up of digital repository and to promote, share and host its ETD in 'Shodhganga: A reservoir of Indian theses submitted to the Universities in India' and other universities in open access. 'Shodhganga' is a name coined by INFLIBNET Centre for refering to the respository of Indian Electronic Theses and Dissertations. The word "Shodh" originates from Sanskrit and stands for research and discovery. The 'Ganga' is the holiest, longest and largest river in Indian subcontinent which has held heart of its people captive and drawn millions of people to its banks since the dawn of history. The Ganga is the symbol of India's age-long culture and civilization, ever changing, ever flowing, ever loved and revered by its people. "Shodhganga", a repository of theses and dissertations submitted to Indian universities, is expected to keep growing to a formidable size as more and more researchers from India submit their research works to this ever growing reservoir. Under the initiative called "ShodhGangotri", research scholars / research supervisors in universities are requested to deposit electronic version of approved synopsis submitted by research scholars to the universities for registering themselves for the Ph.D programme.

This Memorandum of Understanding (MoU) defines responsibilities, liabilities and commitments of the institutions involved to ensure proper system implementation, to meet the objectives pertaining to submission and access to Electronic Theses and Dissertations as envisaged by the UGC vide its Notification (Minimum Standards & Procedure for Award of M.Phil/Ph.D Degree), Regulation, 2009 dated 1st June, 2009.

NOW, THEREFORE, in consideration of the mutual agreements herein contained, INFLIBNET and the University agree to the following terms and conditions:

I. **INFLIBNET Centre**

1. Provide access to ETD hosting server(s) at the INFLIBNET Centre 'Shodhganga'/'Shodhgangotri' to the University with accompanied software interface enabling University / its student to create metadata and upload their theses and dissertations in ETD repositories designed for this purpose. The INFLIBNET will take the responsibility of keeping the data intact and usable, keep back-up of the data so as to avoid its loss. The INFLIBNET will deploy

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Mody University of Science and Technology
Lakshmangarh (Distt Sikar) 332311

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tools and techniques of digital preservation to ensure continuing access to scholarly content in digital formats and to protect them from media failure, physical loss and obsolescence.

2. Recommend to the UGC to extend financial assistance to the Universities under Sections 12(B) and 2(f) of UGC Act for digitization of theses and dissertations not available in computerized machine-readable format and / or for procurement and installation of a suitable computer system / infrastructure for creation of ETDs.

3. Provide configuration of system, specifications and technical guidance to the University for procurement of computer hardware and related systems for setting-up of ETDs.

4. Provide guidelines, technical standards and specifications for digitization of Ph.D. theses submitted to the university in past and for theses not available in computerized machine-readable format.

5. Impart training to at least one person from the university (from library field and / or from computer field) in creation, updation and computerized operation of digital repositories of ETDs especially on 'Shodhganga'.

6. Extend access to an anti-plagiarism software or provide services to evaluate theses for possible plagiarism and submit a report to the concerned university.

7. The INFLIBNET may refuse to host any material deemed by the INFLIBNET to be controversial in nature or is in violation of copyright act.

8. This right of refusal will not relieve the University / Ph.D. scholar of liability, both to INFLIBNET and to the public, for matter contained in the theses that may be libelous or actionable and to both INFLIBNET and copyright owners for copyright infringement by the Ph.D. Scholar.

9. The INFLIBNET Centre will not be responsible for i) errors, omissions, inaccuracies and quality of content or misinformation or for any damages caused to the user or any third party from the use of content provided in the theses; ii) safety and archiving of loaded content in cases of "force majeure" including natural calamities; and iii) printed version of theses.

10. INFLIBNET Centre will recommend or provide access to plagiarism software which university may use to detect plagiarism before awarding the degree.

11. The INFLIBNET Centre replicates the content of theses and dissertations on different server and other auxiliary storage media. However, the INFLIBNET Centre does not take the responsibility for the archiving or backing-up of loaded content. The universities, therefore, should also keep a back-up of their theses and dissertations.

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12. INFLIBNET Centre also maintains a repository called "Shodhgangotri" for hosting the approved synopses of research topic submitted to the universities by the students for registering themselves under the doctoral programme. Research students/their supervisors are encouraged to submit approved synopses/research proposals and register their priority on a research proposal through the repository.

II. The University

1. The University would grant non-exclusive worldwide license to the INFLIBNET Centre for hosting and distributing their theses in digital format in 'Shodhganga'/ 'Shodhgangotri' or any other server designated for this purpose.

2. The University / its researcher scholars agree to host / upload a computerized machine-readable file in mutually agreed format of all theses on to the 'Shodhganga'/'Shodhgangotri' server at the INFLIBNET.

3. The University will not hold INFLIBNET Centre responsible for any errors and omissions contained in the original theses.

4. The University commits to digitize theses and dissertations and their bibliographic records submitted to the university and provide necessary infrastructure including manpower support for operation of ETDs.

5. Commits to utilize the assistance provided by the UGC on recommendation of the INFLIBNET for implementation of ETDs including their digitization.

6. Deputes at least one person from the university (from library field or from computer field) for undergoing training on implementation of ETD organized by the INFLIBNET and ensure that the person trained by INFLIBNET on ETD is / are deployed for the same job.

7. Arranges to provide training to research scholars or users of its library and staff of colleges affiliated to University in creation of electronic version of theses and their deposition in the ETDs.

8. Ensures use of standard software and metadata schema suggested / provided by the INFLIBNET for setting-up / development / operation of its ETDs.

9. Creates bibliographic records of all theses and dissertations submitted to the university in standard bibliographic formats prescribed by the INFLIBNET Centre from time-to-time and contributes these records for inclusion in the INFLIBNET`s Union Catalogue (IndCat).

10. Commits to sharing of library ETD resources / databases with the INFLIBNET Centre as well as with other universities.

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11. The University would agree to host their ETDs in the digital repositories 'Shodhganga or other servers' set-up at the INFLIBNET Centre, and grant non-exclusive licence to the Centre to make electronic version of theses in full-text (theses that are born digital as well as those that are digitized using scanners / digital cameras) accessible through open access ETD.

12. The University shall not use electronic version of theses digitized using funds given by the UGC for any commercial purposes. The University shall not rent, sell or license the use of or deliver or release or otherwise part with the possession of the systems / software or the INFLIBNET ETDs databases, Shodhganga or any part thereof to any other party (individual, institution, organization, etc.)

13. The University will also commit their own funds or grants for fulfillment of the project, if the project on implementation of ETDs demands more resources and funds to complete it.

14. The University will use the plagiarism software recommended by the INFLIBNET and made accessible to test the thesis submitted by the student for plagiarism before awarding the Degree. If the university is not subscribing to such software, it will use the software from the nearest Regional Centre, if any.

15. University would encourage and ensure that Research Scholars/ Research Supervisors deposit host their approved Research Proposals/ approved synopses on the "Shodhgangotri" once Ph.D. is registered.

III. Termination

Both, the Parties, will have rights to terminate the MoU at any time in case of breach of obligations and terms and conditions of the MoU. This MoU signed hereunder may be terminated by either party at anytime upon ninety (90) days prior written notice. Upon termination of this Agreement, the INFLIBNET / University will stop hosting their theses immediately while keeping the theses already deposited by the University in its archives for its users. The University shall stop using the INFLIBNET's ETD facilities and databases and return any software / hardware or digitized content provided by or through the INFLIBNET, back to INFLIBNET within the 3 months' notice period.

IN WITNESS WHEREOFF, the parties hereto executed this MoU on this date above mentioned.

UNIVERSITY:

Dr. Vinod Purohit,
Registrar
Mody University of Science and Technology

INFLIBNET:

Prof J P Singh Joorel,
Director
INFLIBNET Centre,
An IUC of University Grants Commission,
Infocity, Gandhinagar - 382 007.

INFLIBNET CENTRE AN IUC OF UGC GANDHINAGAR

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Institute Dashboard

Welcome **PDS-I-2019-668**

Mody University of Science & Technology

Address: NH-11,Lakshmangarh

Website: http://www.modyuniversity.ac.in/

AISHE Code: U-0412

Year: 2004

Coordinator Details

Name: vijay parashar

Designation: Assistant Librarian

Email: library@modyuniversity.ac.in

Contact No: 9672999560

290

Activated Users

4382

Allocated Documents

4318

Used Documents

64

Remaining Documents

164

Total No. of Faculty *

76

Total No. of Research Scholars' **

15

Other Users ***

Note:

* Regular/Adhoc/Contractual.

** PhD/Doctoral, Post-Doctoral, JRF & SRF.

*** Research Projects, Conference Proceedings, Publications.

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Institute Name	State	Coordinator Name	Designation	Email

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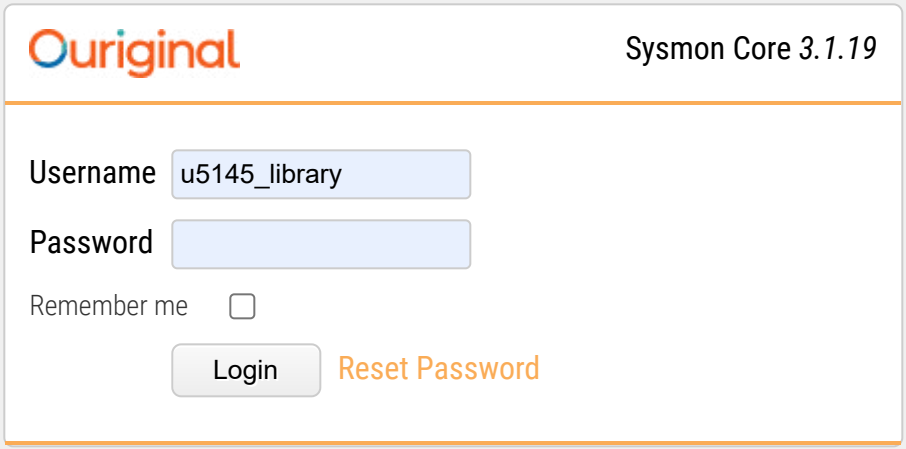
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Documents remaining
63
Used documents
4319

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Id	Date	Name	Personal Email	Account Email
R699741 (/sysmon/receiver/699741)	2021-07-26T08:28:00	Divya Mathur	divyamathur.sob@modyuniversity.ac.in	divyamathur.sob.modyun@analysis.urk
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R634342 (/sysmon/receiver/634342)	2020-12-28T10:59:00	Subratajana Set	subratajana.set@modyuniversity.ac.in	subratajana.set.modyun@analysis.urku

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Submitter email	library@modyuniversity.ac.in
Similarity	1%
Analysis address	library.modyun@analysis.urkund.com

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J **Comparative Study of Synthesis and Spectral Studies of Thiophenyl Carboxylate Derivatives by Microwave Irradiation and Conventional Method**
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J **A Convenient, Rapid Microwave-Assisted Synthesis of 2-Substituted Phenyl-2,3-Dihydrobenzo[B][1,4]Thiazepine-3-Carboxamide Derivatives and Its Antimicrobial Activity**
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Analysis address	vijayparashar.cet.modyun@analysis.urkund.com

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W	URL: https://publications.polymtl.ca/1971/1/2015_NasrinTaherkhani.pdf Fetched: 11/1/2019 1:58:14 AM	19
J	**Centralized and Localized Data Congestion Control Strategy for Vehicular Ad Hoc Networks Using a Machine Learning Clustering Algorithm** URL: 56f731f6-db39-4c86-a6ec-40a4175d5584 Fetched: 4/2/2019 3:43:50 PM	6

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W	URL: https://www.academia.edu/Documents/in/Irrigation_Engineering Fetched: 4/13/2021 11:25:00 AM	3
W	URL: http://solidstatetechnology.us/index.php/JSST/article/view/8225 Fetched: 4/13/2021 11:25:00 AM	3
W	URL: https://profile.iiita.ac.in/bibhas.ghoshal/IoT_2019/Lecture_Slides/Chapter-1_Intro ... Fetched: 4/13/2021 11:25:00 AM	10
W	URL: https://www.zdnet.com/article/what-is-the-internet-of-things-everything-you-need-t ... Fetched: 4/13/2021 11:25:00 AM	6
SA	**Aarthi thesis original.doc** Document Aarthi thesis original.doc (D61240178)	3
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Analyzed document	Rajesh Yadav-Multifactor Single Sign-on Authentication in Cloud Computing_Updated.pdf (D94673056)
Submitted	2/5/2021 7:09:00 AM
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Submitter email	vijayparashar.cet@modyuniversity.ac.in
Similarity	4%
Analysis address	vijayparashar.cet.modyun@analysis.urkund.com

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SA	**THESIS-V7-141018.pdf** Document THESIS-V7-141018.pdf (D42526778)	2
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SA	**1315419326-TS(PRADEEP KUMAR ARYA).pdf** Document 1315419326-TS(PRADEEP KUMAR ARYA).pdf (D21783181)	29
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SA	**20094022018-TS(Sridharan S)(.pdf** Document 20094022018-TS(Sridharan S)(.pdf (D28531129)	2
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W	URL: http://www.nber.org/papers/w25188.pdf Fetched: 2/5/2021 7:09:00 AM	1
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Analyzed document	Poornima Saraswat-Thesis for plagiarism check.pdf (D86416783)
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Submitted by	Akshay Kumar Jain
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Similarity	2%
Analysis address	akshaykumarjain.clg.modyun@analysis.urkund.com

Sources included in the report

W	URL: https://www.researchgate.net/publication/343666063_Effect_of_Prosopis_cineraria_L_ ... Fetched: 11/24/2020 5:10:42 AM	5
SA	**IN_PCE.docx** Document IN_PCE.docx (D21204076)	1
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Document Information

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Submitted	12/24/2020 5:22:00 AM
Submitted by	vijay parashar
Submitter email	vijayparashar.cet@modyuniversity.ac.in
Similarity	8%
Analysis address	vijayparashar.cet.modyun@analysis.urkund.com

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W	URL: http://sersc.org/journals/index.php/IJAST/article/download/32235/17838/ Fetched: 12/23/2020 7:37:50 AM	7
SA	**complete report rnew.doc** Document complete report rnew.doc (D63729890)	27
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SA	**Deduplication survey1.docx** Document Deduplication survey1.docx (D60055592)	9
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W	URL: https://www.researchgate.net/publication/262345504_Improving_restore_speed_for_bac ... Fetched: 12/2/2019 5:30:10 AM	1
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Analyzed document	Short-Term Traffic Flow Prediction.docx (D76314710)
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SA	**Mody Institute Of Technology & Science, Sikar / lstm paper.docx** Document lstm paper.docx (D60232976) Submitted by: vijayparashar.cet@modyuniversity.ac.in Receiver: vijayparashar.cet.modyun@analysis.urkund.com	15
SA	**2019_ESC Programme Grande Ecole_YUShiqi_8330_KEDGE-thesis YU SHIQI-Comprehensive R ...** Document 2019_ESC Programme Grande Ecole_YUShiqi_8330_KEDGE-thesis YU SHIQI-Comprehensive R ... (D75779850)	3
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W	URL: https://arxiv.org/pdf/1705.02699 Fetched: 12/5/2019 7:26:13 AM	4
W	URL: https://www.researchgate.net/publication/275116158_Traffic_Flow_Prediction_for_Roa ... Fetched: 7/13/2020 11:37:00 AM	2
W	URL: https://www.researchgate.net/publication/322243714_Recent_Advances_in_Recurrent_Ne ... Fetched: 11/12/2019 8:11:03 AM	2
W	URL: https://arxiv.org/pdf/1402.1128.pdf Fetched: 7/13/2020 11:37:00 AM	3
J	**Human Pose Estimation with CNNs and LSTMs** URL: 8e4cd0be-beeb-4416-9f77-6da9dba77bd4 Fetched: 2/15/2019 8:53:21 AM	1
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Analyzed document	Savya Sachi-ROBOTICS and WIRELESS SENSORS FOR DISASTER.pdf (D90338319)
Submitted	12/21/2020 7:40:00 AM
Submitted by	vijay parashar
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Similarity	1%
Analysis address	vijayparashar.cet.modyun@analysis.urkund.com

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W	URL: https://www.intechopen.com/books/wireless-sensor-networks-technology-and-protocols ... Fetched: 12/21/2020 7:41:00 AM	1
W	URL: https://www.irjet.net/archives/V6/i9/IRJET-V6I9128.pdf Fetched: 12/21/2020 7:41:00 AM	1
W	URL: https://www.elprocus.com/introduction-to-wireless-sensor-networks-types-and-applic ... Fetched: 12/21/2020 7:41:00 AM	3
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W	URL: https://ijcsmc.com/docs/papers/June2014/V3I6201499a20.pdf Fetched: 12/21/2020 7:41:00 AM	1

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Analyzed document	Uma Soni-Fault Analysis through Smart Metering System in Household Power Distribution System (1).docx (D82486123)
Submitted	10/23/2020 9:36:00 AM
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Submitter email	library@modyuniversity.ac.in
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SA	**Vyshnav_PLC BASED REMOTE MONITORING OF POWER PLANTS Final.docx** Document Vyshnav_PLC BASED REMOTE MONITORING OF POWER PLANTS Final.docx (D65597080)
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W	URL: https://www.researchgate.net/publication/339149173_MURDOCH_UNIVERSITY Fetched: 7/3/2020 6:52:51 PM
W	URL: http://www.publishingindia.com/MICER/111/860/2019/ Fetched: 10/23/2020 9:37:00 AM

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Analyzed document	PERFORMANCE EVALUATION AND INVESTORS SATISFACTION OF SELECT BANKS' SPONSORED MUTUA L FUNDS WITH SPECIAL REFERENCE TO RAJASTHAN.docx (D80057182)
Submitted	9/28/2020 9:08:00 AM
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Submitter email	skjain.cet@modyuniversity.ac.in
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W	URL: https://www.research.manchester.ac.uk/portal/files/54541710/FULL_TEXT.PDF Fetched: 9/28/2020 9:09:00 AM	6
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W	URL: https://docplayer.net/21792365-Performance-evaluation-of-indian-equity-mutual-fund ... Fetched: 10/14/2019 7:53:48 AM	4
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W	URL: https://www.famaf.unc.edu.ar/documents/1132/DComp6.pdf Fetched: 2/17/2020 3:03:56 PM	1
J	***Exploiting multi-word units in statistical parsing and generation*** URL: cf31a8a8-e989-4362-a279-0deffc4ef7bc Fetched: 2/15/2019 9:36:41 PM	1

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Analyzed document	Aakanksha -MATHEMATICAL MODELING OF SOME ASPECTS OF DIGRAPHS WITH IMPETUS OF ISOMORPHISM, DECYCLIZATION AND PEBBLING.docx (D78433751)
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W	URL: https://en.wikipedia.org/wiki/Graph_pebbling Fetched: 9/1/2020 7:14:00 AM	4
SA	**Thesis-Maths.pdf** Document Thesis-Maths.pdf (D28361381)	2
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W	URL: https://www.ime.usp.br/~pf/graph-exercises/text/ETG.pdf Fetched: 9/1/2020 7:14:00 AM	1
W	URL: https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.188.984&rep=rep1&type=pdf Fetched: 9/1/2020 7:14:00 AM	7
W	URL: https://www.inf.ed.ac.uk/teaching/courses/dmmr/slides/18-19/Ch10.pdf Fetched: 6/24/2020 4:14:43 PM	1
SA	**Ramya. M.docx** Document Ramya. M.docx (D58348152)	4
W	URL: https://doc.lagout.org/science/0_Computer%20Science/2_Algorithms/Handbook%20of%20G... Fetched: 7/30/2020 5:54:39 PM	14
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Analyzed document	FEMINIST CONSCIOUSNESS IN INDIAN WOMEN WRITERS WITH SPECIAL REFERENCE TO KIRAN DESAI AND SUDHA MURTHY.docx (D77278636)
Submitted	7/29/2020 6:16:00 AM
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Submitter email	skjain.cet@modyuniversity.ac.in
Similarity	9%
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SA	**B. SAHANA.pdf** Document B. SAHANA.pdf (D33331086)	35
SA	**1601180018.doc** Document 1601180018.doc (D57342795)	23
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SA	**R.Ranjith Kumar, M.Phil Dissertation, English, 2019.pdf** Document R.Ranjith Kumar, M.Phil Dissertation, English, 2019.pdf (D61411139)	17
SA	**Fathima. H.docx** Document Fathima. H.docx (D57565418)	20
SA	**Parvathi. S.docx** Document Parvathi. S.docx (D32932564)	17
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W	URL: https://shodhganga.inflibnet.ac.in/bitstream/10603/43479/13/summary.doc Fetched: 3/21/2020 8:37:30 AM	5
W	URL: https://docplayer.net/145333152-One-day-national-level-conference-literatures-of-r ... Fetched: 12/11/2019 11:07:08 AM	4
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Analyzed document	ATTENUATION STUDY OF MILLIMETER WAVE-Indu Bhuria.pdf (D76618768)
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W	URL: https://www.ijeat.org/wp-content/uploads/papers/v8i4c/D24140484C19.pdf Fetched: 7/18/2020 6:09:49 AM	13
SA	**A Survey on Millimeter Wave Communications.pdf** Document A Survey on Millimeter Wave Communications.pdf (D74071077)	1
SA	**Thesis Part-IV.docx** Document Thesis Part-IV.docx (D52966111)	1
W	URL: https://en.wikipedia.org/wiki/Free-space_path_loss Fetched: 7/20/2020 2:35:00 PM	1
W	URL: https://www.ntu.edu.sg/home/eyhlee/Prof%20Lee/PIER%20foliage%20review%202010.pdf Fetched: 7/20/2020 2:35:00 PM	6
J	**Model Development For Wireless Propagation In Forested Environments** URL: 79140b72-26c4-46be-bec1-6d0bd88455cd Fetched: 2/14/2019 5:04:59 PM	1

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Analyzed document	Arpit Shukla-Performance Investigation and Process Optimization of Sugar Plant in India.pdf (D76392032)
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Submitter email	library@modyuniversity.ac.in
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W	URL: https://it.b-ok.cc/book/2212677/c48e6b Fetched: 7/15/2020 10:54:00 AM	10
SA	**preeti thesis work.docx** Document preeti thesis work.docx (D40374106)	5
W	URL: https://www.sciencedirect.com/science/article/pii/S0016236110004370 Fetched: 7/15/2020 10:54:00 AM	1
W	URL: https://www.ripublication.com/ijaer17/ijaerv12n24_104.pdf Fetched: 2/29/2020 2:39:51 AM	8
W	URL: https://www.researchgate.net/publication/244068582_Characterization_of_pressmud_A_ ... Fetched: 7/15/2020 10:54:00 AM	1

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Analyzed document	Priyanka Chaudhary-A Comparative Study on Transgenders.docx (D75706658)
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Submitter email	library@modyuniversity.ac.in
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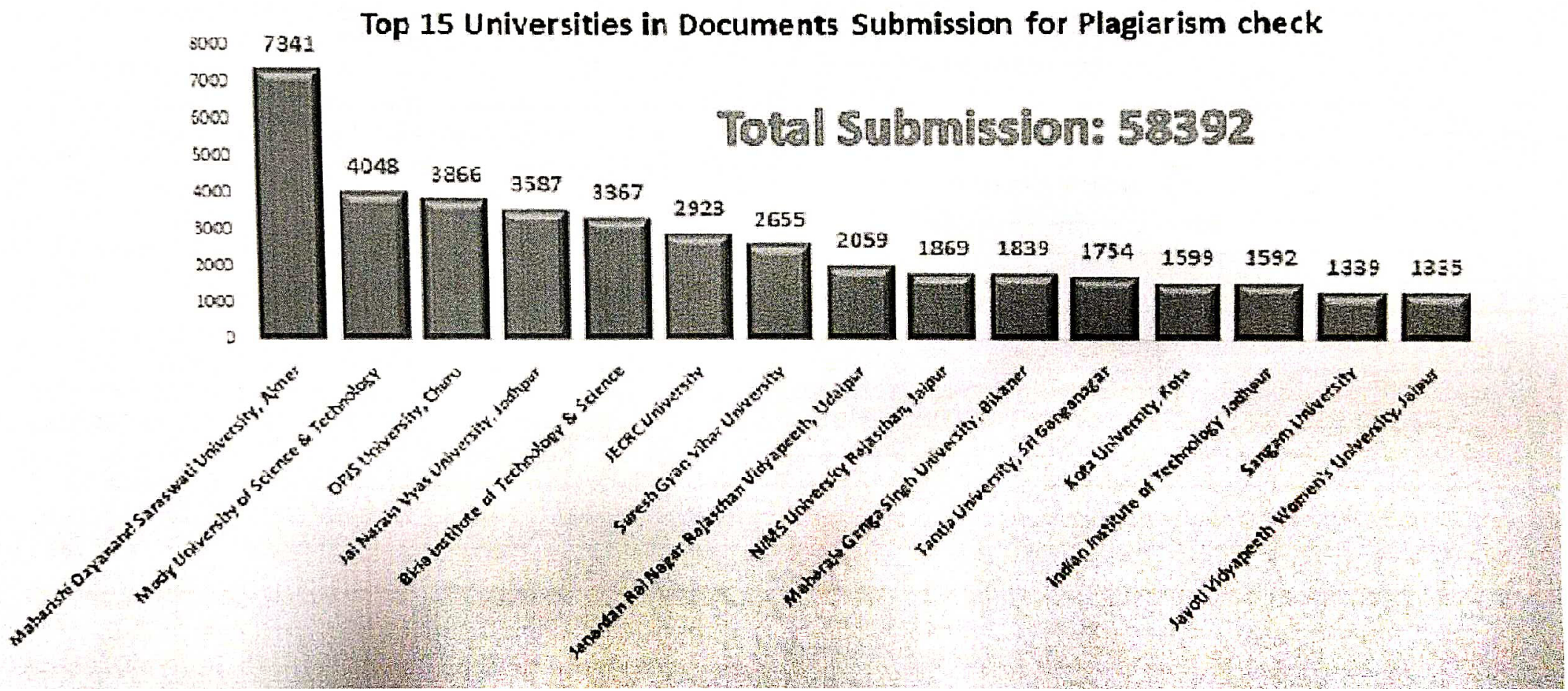

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Ref. No. URC/16-17/1 **Date:**03-06-2017

To Members of URC

Subject: Notice and Agenda of the First Meeting of the University Research Committee (URC) going to held on Saturday, 10th June, 2017 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The First Meeting of the University Research Committee (URC) going to held on Saturday, 10th June, 2017 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies" in front of committee members**" of Dr K L Ameta* 2. *Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma* 3. *Project entitled "**Tannase Based Approach to Reduce the Nutritional Toxicity of Tannins in Fodder**" of Dr K P Sharma*
02	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies" in front of committee members**" of Dr K L Ameta.
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary 13/6/17

Members of the URC:

S. No.	Name	URC Designation
1	Prof. (Dr.) Suresh Advani	Chairperson - URC
2	Prof. (Dr.) V. K. Jain	Member
3	Prof. (Dr.) Satish C Shastri	Member
4	Prof. (Dr.) Durgesh Agarwal	Member
5	Prof. (Dr.) Atul Kumar	Member
6	Mr. Ravindra P. Deshmukh	Member
7	Dr. K L Ameta	R & D Coordinator and Member Secretary
8	External Member	Dr. Naveen Dhingra
9	Special Invitee	Dr. A K Das, Dr. Harish Kumar Dhingra

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the First Meeting of the University Research Committee (URC) held on Saturday, 10 June, 2017 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Suresh Advani	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Durgesh Agarwal	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Mr. Ravindra P Deshmukh	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Naveen Dhingra
9.	Special Invitee	Dr A K Das, Dr Harish Kumar Dhingra

S.NO.	Agenda & Minutes
01.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Suresh Advani The Chairperson welcomed the members to the 1st meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
01.02	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies" in front of committee members**" of Dr K L Ameta* 2. *Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma* 3. *Project entitled "**Tannase Based Approach to Reduce the Nutritional Toxicity of Tannins in Fodder**" of Dr K P Sharma* The members discussed above proposals and observed as: 1. Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies**" of Dr K L Ameta is relevant in providing a solution for pest management. The project was sanctioned a grant of 2,80,000 Rs for one year w.e.f 30.05.2016. 2. Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma is useful in proving bioactive substance at local level and may lead to employment generation where the plant is abundant. The project was sanctioned a grant of 1,95,000 Rs for one year w.e.f. 25.08.2016. 3. Project entitled "**Tannase Based Approach to Reduce the Nutritional Toxicity of Tannins in Fodder**" of Dr K P Sharma is not involving any novelty and too far from the reality. The project was rejected.
01.03	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies" in front of committee members**" of Dr K L Ameta. The committee discussed the projects progress report: 1. Project entitled "**Synthesis of Some Chalcones and Their Antifeedant Studies" in front of committee members**" of Dr K L Ameta is successfully completed with the outcome of the project in form of publication.
	The meeting ended with vote of thanks to the Chair.

10/06/2017

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Ref. No. URC/17-18/2 **Date:**02-09-2017

To Members of URC

Subject: Notice and Agenda of the Second Meeting of the University Research Committee (URC going to held on Saturday, 9th December, 2017 at 11.00 AM in the IQAC Cell of ABB Building MUST.

Dear Sir

The Second Meeting of the University Research Committee (URC) going to held on Saturday, 9th December, 2017 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "Effect* **of mutation and Overproduction of Bioethanol using mutant *Saccharomyces cerevisiae"***
02	*To evaluate the progress of intramural sanctioned projects till date.* Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary

Members of the URC:

S. No.	Name	URC Designation
1	Prof. (Dr.) Suresh Advani	Chairperson - URC
2	Prof. (Dr.) V. K. Jain	Member
3	Prof. (Dr.) Satish C Shastri	Member
4	Prof. (Dr.) Durgesh Agarwal	Member
5	Prof. (Dr.) Atul Kumar	Member
6	Mr. Ravindra P Deshmukh	Member
7	Dr K L Ameta	R & D Coordinator and Member Secretary
8	External Member	Dr Naveen Dhingra
9	Special Invitee	Dr K P Sharma

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Second Meeting of the University Research Committee (URC) held on Saturday, 9th December, 2017 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Suresh Advani	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Durgesh Agarwal	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Mr. Ravindra P Deshmukh	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Naveen Dhingra
9.	Special Invitee	Dr K P Sharma

S.NO.	Agenda & Minutes
02.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Suresh Advani The Chairperson welcomed the members to the 2nd meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
02.02	To confirm the minutes of 1st meeting of the URC held on 10 June, 2017.
02.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "Project entitled "**Effect** **of mutation and Overproduction of Bioethanol using mutant *Saccharomyces cerevisiae*"" of Dr Harish Dhingra* The members discussed above proposals and observed as: 1. Project entitled "***Effect*** **of mutation and Overproduction of Bioethanol using mutant *Saccharomyces cerevisiae*"** of Dr Harish Dhingra is not involving any novelty and too far from the reality. The project was rejected.
02.04	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma The committee discussed the projects progress report: 1. Project entitled "**Novel Functional foods Innovations with Nutraceutical properties of Prosopis cineraria (L.) Druce**" of Dr K P Sharma is successfully completed with the outcome of the project in form of publication.
02.05	The meeting ended with vote of thanks to the Chair.

09/12/2017

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/18-19/3 **Date:01-07-2018**

To Members of URC

Subject: Notice and Agenda of the Third Meeting of the University Research Committee (URC) going to held on Monday, 2nd July, 2018 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Third Meeting of the University Research Committee (URC) going to held on Monday, 2nd July, 2018 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "**Synthesis of New Schiff base metal complexes relevant to antimicrobial agents**" of Dr H L Singh.* 2. *Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal.* 3. *Project entitled "**Two channel Heart sound signal acqusition system and analyzer system for detection of abnormality in the Heart**"of Dr Sandeep Jaiswal.*
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary 01/07/2018

S. No.	Name	URC Designation
1	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2	Prof. (Dr.) V. K. Jain	Member
3	Prof. (Dr.) Durgesh Agarwal	Member
4	Prof. (Dr.) Atul Kumar	Member
5	Mr. Ravindra P Deshmukh	Member
6	Dr K L Ameta	R & D Coordinator and Member Secretary
7	External Member	Dr Naveen Dhingra
8	Special Invitee	Dr A K Das, Dr Rajeev Porush, Dr Vinod Maan, Dr K P Sharma, Mr Deepak K.

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Third meeting of the University Research Committee (URC) held on Tuesday, 2nd July, 2018 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Durgesh Agarwal	Member
4.	Prof. (Dr.) Atul Kumar	Member
5.	Mr. Ravindra P Deshmukh	Member
6.	Dr K L Ameta	R & D Coordinator and Member Secretary
7.	External Member	Dr Naveen Dhingra
8.	Special Invitee	Dr A K Das, Dr Rajeev Porush

S.NO.	Agenda & Minutes
03.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Satish C Shastri The Chairperson welcomed the members to the 3rd meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
03.02	To confirm the minutes of 2nd meeting of the URC held on 9th December, 2017
03.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "Project entitled "**Synthesis of New Schiff base metal complexes relevant to antimicrobial agents**" of Dr H L Singh.* 2. *Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal.* 3. *Project entitled "**Two channel Heart sound signal acqusition system and analyzer system for detection of abnormality in the Heart**"of Dr Sandeep Jaiswal.* The members discussed above proposals and observed as: 1. Project entitled "**Synthesis of New Schiff base metal complexes relevant to antimicrobial agents**" of Dr H L Singh: The proposal is relevant as per the today's problem of antibiotic resistance. The project was sanctioned a grant of 1,30,000/= Rs for one year w.e.f. 09.04.2018. 2. Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal: The proposal is relevant as per the today's requirement. The use of mobile phone radiation is increasing and therefore it is very much necessary to know its effect. The project was sanctioned a grant of 3,80,000/= Rs for two years w.e.f. 21.05.2018 3. Project entitled "**Two channel Heart sound signal acqusition system and analyzer system for detection of abnormality in the heart**" of Dr Sandeep Jaiswal is not involving any novelty and too far from the reality. The project was rejected.
03.04	The meeting ended with vote of thanks to the Chair.

02/07/2018

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/18-19/4 **Date:13-10-2018**

To Members of URC

Subject: Notice and Agenda of the Fourth Meeting of the University Research Committee (URC going to held on Saturday, 20th October, 2018 at 11.00 AM in the IQAC Cell of ABB Building MUST.

Dear Sir

The Fourth Meeting of the University Research Committee (URC) going to held on Saturday, 20th October, 2018 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled* "Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS" of Mr Sukhvir Singh.
	Any other matter with the prior permission of the Chair.

Yours Truly

13/10/2018

Member Secretary

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Durgesh Agarwal	Member
4.	Prof. (Dr.) Atul Kumar	Member
5.	Mr. Ravindra P Deshmukh	Member
6.	Dr K L Ameta	R & D Coordinator and Member Secretary
7.	External Member	Dr Naveen Dhingra
8.	Special Invitee	Mr Deepak K.

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Fourth meeting of the University Research Committee (URC) held on Tuesday, 20th October, 2018 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Durgesh Agarwal	Member
4.	Prof. (Dr.) Atul Kumar	Member
5.	Mr. Ravindra P Deshmukh	Member
6.	Dr K L Ameta	R & D Coordinator and Member Secretary
7.	External Member	Dr Naveen Dhingra
8.	Special Invitee	Mr Deepak K.

S.NO.	Agenda & Minutes
04.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Satish C Shastri The Chairperson welcomed the members to the 4th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
04.02	To confirm the minutes of 3rd meeting of the URC held on 2nd July, 2018.
04.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled "**Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS**"* of Mr Sukhvir Singh. The members discussed above proposals and observed as: 1. Project entitled "**Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS**" of Mr Sukhvir Singh: found the proposal is relevant as per the today's requirement of textile and garment manufacturers. Further the project was found innovative. The project was sanctioned a grant of 4,23,000 Rs for two years w.e.f.19.10.18.
04.04	The meeting ended with vote of thanks to the Chair.

20/10/2018

20/10/2018

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/18-19/5 **Date:03-04-2019**

To Members of URC

Subject: Notice and Agenda of Fifth Meeting of the University Research Committee (URC) going t held on Friday, 5th April, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Fifth Meeting of the University Research Committee (URC) going to held on Friday, 5th April, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled* ""Robotics" of Dr A Senthil". 2. *Project entitled* "Aeroponics for Plant Growth Promoting Rhizobacteri" of Dr Rakesh Kumar Verma
02	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "Synthesis of New Schiff base metal complexes relevant to antimicrobial agents" of Dr H L Singh.
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary 03/04/2019

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Durgesh Agarwal	Member
4.	Prof. (Dr.) Atul Kumar	Member
5.	Mr. Ravindra P Deshmukh	Member
6.	Dr K L Ameta	R & D Coordinator and Member Secretary
7.	External Member	Dr Naveen Dhingra
8.	Special Invitee	Dr Vinod Maan

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Fifth meeting of the University Research Committee (URC) held on Tuesday, 5th April, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Satish C Shastri	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Durgesh Agarwal	Member
4.	Prof. (Dr.) Atul Kumar	Member
5.	Mr. Ravindra P Deshmukh	Member
6.	Dr K L Ameta	R & D Coordinator and Member Secretary
7.	External Member	Dr Naveen Dhingra
8.	Special Invitee	Dr Vinod Maan

S.NO.	Agenda & Minutes
05.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Satish C Shastri The Chairperson welcomed the members to the 5th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
05.02	To confirm the minutes of 4th meeting of the URC held on 20th October, 2018.
05.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. *Project entitled* ""Robotics" of Dr A Senthil". 2. *Project entitled* "Aeroponics for Plant Growth Promoting Rhizobacteria" of Dr Rakesh Kumar Verma. The members discussed above proposals and observed as: 1. Project entitled "Robotics" of Dr A Senthil: The proposal is relevant and innovative. The project was sanctioned a grant of 2,00, 000 Rs for two years w.e.f.25.02.2019. 2. Project entitled "Aeroponics for Plant Growth Promoting Rhizobacteria" of Dr Rakesh Kumar Verma: The proposal is not found relevant and innovative. The project was rejected.
05.04	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "Synthesis of New Schiff base metal complexes relevant to antimicrobial agents" of Dr H L Singh. The committee discussed the project report: 1. Project entitled "Synthesis of New Schiff base metal complexes relevant to antimicrobial agents" of Dr H L Singh is successfully completed with the outcome of the project in form of publication.
05.05	The meeting ended with vote of thanks to the Chair.

05/04/2019

5/4/2019

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/19-20/6 **Date:**02-07-2019

To Members of URC

Subject: Notice and Agenda of Sixth Meeting of the University Research Committee (URC) going to held on Friday, 5th July, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Sixth Meeting of the University Research Committee (URC) going to held on Friday, 5th July, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "**Plant Extract Mediated Synthesis for Various nanoparticles and their Applications**" of Dr Sarita Kathuria. 2. Project proposal entitled "**Preparation and characterization of surface modified magnetic Nanoparticle by Surfactant and plant protein**" of Dr AK Das. 3. Project proposal entitled "**Develop Innovative Appraels for Women Clothing without Fasteners**" of Dr Smriti Agarwal.
02	*To evaluate the progress of intramural sanctioned projects till date.* • Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal.
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary 2/07/2019

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr A K Das, Dr K L Ameta, Mr Sukhvir Singh, Dr K P Sharma

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Sixth meeting of the University Research Committee (URC) held on Friday, 5th July 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr A K Das, Dr K L Ameta, Mr Sukhvir Singh, Dr K P Sharma

S.NO.	Agenda & Minutes
06.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) M. Venu Gopala Rao The Chairperson welcomed the members to the 6th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
06.02	To confirm the minutes of 5th meeting of the URC held on 5th April, 2019.
06.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "**Plant Extract Mediated Synthesis for Various nanoparticles and their Applications**" of Dr Sarita Kathuria. 2. Project proposal entitled "**Preparation and characterization of surface modified magnetic Nanoparticle by Surfactant and plant protein**" of Dr AK Das. 3. Project proposal entitled "**Develop Innovative Appraels for Women Clothing without Fasteners**" of Dr Smriti Agarwal. The members discussed above proposals and observed as: 1. Project entitled "**Plant Extract Mediated Synthesis for Various nanoparticles and their Applications**" of Dr Sarita Kathuria and found the proposal may provide a new way to synthesize nanoparticles in eco-friendly manner. The project was sanctioned a grant of 2,20, 000 Rs for one year w.e.f.20.05.2019. 2. Project proposal entitled "**Preparation and characterization of surface modified magnetic Nanoparticle by Surfactant and plant protein**" of Dr AK Das was not found any application and therefore may be rejected. 3. Project proposal entitled "**Develop Innovative Appraels for Women Clothing without Fasteners**" of Dr Smriti Agarwal was not associated with any innovation and therefore may be rejected.
06.04	*To evaluate the progress of intramural sanctioned projects till date.* • Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal. The committee discussed the projects progress report: • Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal is successfully completed with the outcome of the project in form of publication.
06.05	The meeting ended with vote of thanks to the Chair.

5/8/2019

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/19-20/7 Date:21-07-2019

To Members of URC

Subject: Notice and Agenda of Seventh Meeting of the University Research Committee (URC going to held on Friday 28th September, 2019 at 11.00 AM in the IQAC Cell of ABB Building MUST.

Dear Sir

The Seventh Meeting of the University Research Committee (URC) going to held on Friday 28th September, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra. 2. Project entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat.
	Any other matter with the prior permission of the Chair.

Yours Truly

21/07/2019

Member Secretary

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr A K Das,

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Seventh meeting of the University Research Committee (URC) held on Friday 28th September, 2019 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr A K Das,

S.NO.	Agenda & Minutes
07.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) M. Venu Gopala Rao The Chairperson welcomed the members to the 7th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
07.02	To confirm the minutes of 6th meeting of the URC held on 5th July, 2019.
07.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra 2. Project entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat The members discussed above proposals and observed as: 1. Project proposal entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra and found the proposal is relevant to meet out the problem fuel requirement. The outcome of the project might be useful in alleviating the burden on conventional fuel and also may reduce carbon emission. The project was sanctioned a grant of 1,68, 000 Rs for one year w.e.f. 30.08.2019. 2. Project proposal entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat and found the proposal is relevant to the problem of fluoride toxicity in various part of Rajasthan and other states of India. The outcome of the proposal may be useful for crop productivity. The project was sanctioned a grant of 8, 00, 000 Rs for three years w.e.f. 30.08.2019.
07.04	The meeting ended with vote of thanks to the Chair.

28/09/2019

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/19-20/8 **Date:**02-01-2020

To Members of URC

Subject: Notice and Agenda of Eighth Meeting of the University Research Committee (URC) going to held on Wednesday, 8th January, 2020 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Eighth Meeting of the University Research Committee (URC) going to held on Wednesday, 8th January, 2020 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project entitled "Study of plaque morphology in identification of Bacteriophage and their standardization as a Bio-control Agent" of Dr B K Goyal. 2. Project proposal entitled "Drones" of Dr A Senthil.
02	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal. 2. Project entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra. 3. Project entitled "Plant Extract Mediated Synthesis for Various nanoparticles and their Applications" of Dr Sarita Kathuria. 4. Project entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat. 5. Project entitled "Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS" of Mr Sukhvir Singh.
	Any other matter with the prior permission of the Chair.

Yours Truly

Member Secretary 2/01/2020

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr Vinod Maan, Dr K P Sharma

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Eighth meeting of the University Research Committee (URC) held on Wednesday, 8th January, 2020 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) M. Venu Gopala Rao	Chairperson - URC
2.	Prof. (Dr.) V. K. Jain	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. (Dr.) Atul Kumar	Member
6.	Prof. Rishi Raj Kapoor	Member
7.	Dr K L Ameta	R & D Coordinator and Member Secretary
8.	External Member	Dr Ravikant
9.	Special Invitee	Dr Vinod Maan, Dr K P Sharma

S.NO.	Agenda & Minutes
08.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) M. Venu Gopala Rao The Chairperson welcomed the members to the 8th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
08.02	To confirm the minutes of 7th meeting of the URC held on 28th September, 2019.
08.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project entitled "Study of plaque morphology in identification of Bacteriophage and their standardization as a Bio-control Agent" of Dr B K Goyal. 2. Project proposal entitled "Drones" of Dr A Senthil. The members discussed above proposals and observed as: 1. Project proposal entitled "Drones" of Dr A Senthil and found the proposal is relevant as per the today's requirement. The project was sanctioned a grant of 50,000 Rs for one year w.e.f 18.12.2019. 2. Project proposal entitled "Study of plaque morphology in identification of Bacteriophage and their standardization as a Bio-control Agent" of Dr B K Goyal and found the proposal is lacking any innovation and therefore may be rejected.
08.04	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "**Effects of Mobile Phone Radiation on Brain Electrical Activity and Human Health**" of Dr Sandeep Jaiswal. 2. Project entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra. 3. Project entitled "Plant Extract Mediated Synthesis for Various nanoparticles and their Applications" of Dr Sarita Kathuria. 4. Project entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat. 5. Project entitled "Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS" of Mr Sukhvir Singh. The committee discussed the projects progress report: 1. Project entitled "Robotics" of Dr A Senthil is successfully completed.

08/01/2020

	2. Project entitled "Bioethanol Production from Cellulosic Waste using Native strains of *Saccharomyces cerevisiae*" of Dr Harish Dhingra is successfully completed with the outcome of the project in form of publication 3. Project proposal entitled "Plant Extract Mediated Synthesis for Various nanoparticles and their Applications" of Dr Sarita Kathuria is successfully completed with the outcome of the project in form of publication. 4. Project entitled "Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism" of Dr R S Chundawat is successfully completed with the outcome of the project in form of publication. 5. Project entitled "Design and Development of Garment Collection Inspired from Historical monuments using OPTITEX PDS" of Mr Sukhvir Singh is successfully completed with the outcome of the project in form of publication.
08.05	The meeting ended with vote of thanks to the Chair.

28/9/2020

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Ref. No. URC/20-21/9 **Date:**02-01-2021

To Members of URC

Subject: Notice and Agenda of Ninth Meeting of the University Research Committee (URC) going to held on Saturday, 9th January, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Ninth Meeting of the University Research Committee (URC) going to held on Saturday, 9th January, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Synthesis of Charge-Transfer Chromophores from cycloadditions of TCNE to substituted alkynes" of Dr K L Ameta 2. Project proposal entitled "Synthesis of new medicinally important heterocyclic compounds and their metal complexes" of Dr H L Singh. 3. Project proposal entitled "Studies on Oscillatory Phenomena Across the liquid-liquid interface in Phase Transfer Catalyst Systems" of Dr A K Das.
02	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "Drones" of Dr A Senthil.
	Any other matter with the prior permission of the Chair.

Yours Truly

02/01/2021

Member Secretary

Prof. (Dr.) Jitendra Binwal

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) Uma Bhardwaj	Chairperson - URC
2.	Prof. (Dr.) Rajeev Mathur	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. Rishi Raj Kapoor	Member
6.	Prof. (Dr.) Jitendra Binwal	R & D Coordinator and Member Secretary
7.	External Member	Dr Ravikant
8.	Special Invitee	Dr A K Das, Dr K L Ameta

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Ninth meeting of the University Research Committee (URC) held on Saturday, 9th January, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Uma Bhardwaj	Chairperson - URC
2.	Prof. (Dr.) Rajeev Mathur	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. Rishi Raj Kapoor	Member
6.	Prof. (Dr.) Jitendra Binwal	R & D Coordinator and Member Secretary
7.	External Member	Dr Ravikant
8.	Special Invitee	Dr A K Das, Dr K L Ameta

S.NO.	Agenda & Minutes
09.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Prof. (Dr.) Uma Bhardwaj The Chairperson welcomed the members to the 9th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
09.02	To confirm the minutes of 8th meeting of the URC held on 8th January, 2020.
09.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Synthesis of Charge-Transfer Chromophores from cycloadditions of TCNE to substituted alkynes" of Dr K L Ameta 2. Project proposal entitled "Synthesis of new medicinally important heterocyclic compounds and their metal complexes" of Dr H L Singh. 3. Project proposal entitled "Studies on Oscillatory Phenomena Across the liquid-liquid interface in Phase Transfer Catalyst Systems" of Dr A K Das. The members discussed above proposals and observed as: 1. Project proposal entitled "Synthesis of Charge-Transfer Chromophores from cycloadditions of TCNE to substituted alkynes" of Dr K L Ameta and found the proposal is relevant and innovative. The project was sanctioned a grant of 2,97, 000 Rs for two years w.e.f. 21.12.2020. 2. Project proposal entitled "Synthesis of new medicinally important heterocyclic compounds and their metal complexes" of Dr H L Singh and found the proposal is relevant and innovative. The project was sanctioned a grant of 2,91,000 Rs. for two years w.e.f. 11.01.2021 3. Project proposal entitled "Studies on Oscillatory Phenomena Across the liquid-liquid interface in Phase Transfer Catalyst Systems" of Dr A K Das and found the proposal is without any novelty and therefore may be rejected.
09.04	*To evaluate the progress of intramural sanctioned projects till date.* 1. Project entitled "Drones" of Dr A Senthil. The committee discussed the projects progress report: 1. Project entitled "Drones" of Dr A Senthil is successfully completed.
09.05	The meeting ended with vote of thanks to the Chair.

9/1/2021
Prof (Dr.) Jitendra Binwal

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Ref. No. URC/20-21/10 **Date:20-03-2021**

To Members of URC

Subject: Notice and Agenda of Tenth Meeting of the University Research Committee (URC) goin to held on Monday, 5th April, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Dear Sir

The Tenth Meeting of the University Research Committee (URC) going to held on Monday, 5 April, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Annexure

Yours Truly

S.NO.	Agenda Items
01	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Do Economic Endeavours Complement Sustainability Goals in the Emerging Economies of South and South East Asia?" of Dr Rajesh Sharma 2. project proposal entitled "Panorama of Women Entrepreneurship in India with Special Reference to MSME Sector" of Dr B S Rathore 3. Project proposal entitled "Impact of Goods and Services Tax (GST) on Textile Industry of Bhilwara (Rajasthan)" of Dr Manish Didwania 4. Proposal entitled "Design and Development of Garment and Assessory Collection inspired from Motifs used in Traditional Textile for Modern Consumers" of Dr Sukhvir Singh 5. Project proposal entitled "Use of milk fermentations to improve protein and calcium bio-availability of minor millets" of Dr R S Chundawat 6. Project proposal entitled "Identification of Plant Molecular Factors triggered by Interaction with Endophytes Associated with Desert Plants" of Prof. Uma Bhardwaj and Dr Rakesh Kumar Verma
	Any other matter with the prior permission of the Chair.

20/3/2021

Member Secretary

Prof.(Dr.) Jitendra Binwal

Members of the URC

S. No.	Name	URC Designation
1.	Prof. (Dr.) Uma Bhardwaj	Chairperson - URC
2.	Prof. (Dr.) Rajeev Mathur	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. Rishi Raj Kapoor	Member
6.	Prof. (Dr.) Jitendra Binwal	R & D Coordinator and Member Secretary
7.	External Member	Dr Ravikant
8.	Special Invitee	Dr S S Rajpurohit, Dr Smriti Agarwal, Dr K P Sharma

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANGARH, DIST. SIKAR, RAJASTHAN - 332311

Minutes of the Tenth meeting of the University Research Committee (URC) held on Monday, 5th April, 2021 at 11.00 AM in the IQAC Cell of ABB Building, MUST.

Members Present:

S. No.	Name	URC Designation
1.	Prof. (Dr.) Uma Bhardwaj	Chairperson - URC
2.	Prof. (Dr.) Rajeev Mathur	Member
3.	Prof. (Dr.) Satish C Shastri	Member
4.	Prof. (Dr.) Anirban SenGupta	Member
5.	Prof. Rishi Raj Kapoor	Member
6.	Prof. (Dr.) Jitendra Binwal	R & D Coordinator and Member Secretary
7.	External Member	Dr Ravikant
8.	Special Invitee	Dr S S Rajpurohit, Dr Smriti Agarwal, Dr K P Sharma

S.NO.	Agenda & Minutes
10.01	Welcome address by Chairperson, URC Cell, Prof. (Dr.) Prof. (Dr.) Uma Bhardwaj The Chairperson welcomed the members to the 10th meeting of the URC. The Chairperson after ensuring the quorum called the meeting to order and requested the coordinator, to place the agenda item by item.
10.02	To confirm the minutes of 9th meeting of the URC held on 9th January, 2021.
10.03	*To evaluate the research proposal submitted by faculty member for intramural funding.* 1. Project proposal entitled "Do Economic Endeavours Complement Sustainability Goals in the Emerging Economies of South and South East Asia?" of Dr Rajesh Sharma 2. project proposal entitled "Panorama of Women Entrepreneurship in India with Special Reference to MSME Sector" of Dr B S Rathore 3. Project proposal entitled "Impact of Goods and Services Tax (GST) on Textile Industry of Bhilwara (Rajasthan)" of Dr Manish Didwania 4. Proposal entitled "Design and Development of Garment and Assessory Collection inspired from Motifs used in Traditional Textile for Modern Consumers" of Dr Sukhvir Singh 5. Project proposal entitled "Use of milk fermentations to improve protein and calcium bio-availability of minor millets" of Dr R S Chundawat 6. Project proposal entitled "Identification of Plant Molecular Factors triggered by Interaction with Endophytes Associated with Desert Plants" of Prof. Uma Bhardwaj and Dr Rakesh Kumar Verma The members discussed above proposals and observed as: 1. Project proposal entitled "Do Economic Endeavours Complement Sustainability Goals in the Emerging Economies of South and South East Asia?" of Dr Rajesh Sharma and found the proposal is relevant and innovative. The project was sanctioned a grant of 1,00, 000 Rs for one year w.e.f. 19.01.2021. 2. Project proposal entitled "Panorama of Women Entrepreneurship in India with Special Reference to MSMe Sector" of Dr B S Rathore and found the proposal is relevant as per today's scenario of women participation in MSMe sector. The project

05/04/2021 P.M. (Dr.) Jitendra Binwal

	was sanctioned a grant of 1,25, 000 for one year and three months w.e.f. 19.01.2021. 3. Project proposal entitled "Impact of Goods and Services Tax (GST) on Textile Industry of Bhilwara (Rajasthan)" of Dr Manish Didwania and found the proposal is relevant as per the demand of Bhilwara textile industry. The project was sanctioned a grant of 90, 000 Rs for one year w.e.f. 19.01.2021. 4. Project proposal entitled "Design and Development of Garment and Assessory Collection inspired from Motifs used in Traditional Textile for Modern Consumers" of Dr Sukhvir Singh and found the proposal is relevant and innovative. The project was sanctioned a grant of 3,80,000 Rs for one year w.e.f. 15.02.2021. 5. Project proposal entitled "Use of milk fermentations to improve protein and calcium bio-availability of minor millets" of Dr R S Chundawat and found the proposal is relevant for providing a solution to problem of malnutrition The problem is clearly defined and it is very well supported by the past literature. The project was sanctioned a grant of 1,30,000 Rs for two years w.e.f. 25.02.2021. 6. Project proposal entitled "Identification of Plant Molecular Factors triggered by Interaction with Endophytes Associated with Desert Plants" of Prof. Uma Bhardwaj and Dr Rakesh Kumar Verma and found the proposal is innovative and focus on the desert ecosystem. It may be useful in providing a solution for abiotic and biotic stress management in crop plants. The project was sanctioned a grant of 13,75,000 for three years w.e.f. 26.02.2021.
10.04	The meeting ended with vote of thanks to the Chair.

8/9/2021

Prof. (Dr.) Jitendra Birwa

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email : registrar@modyuniversity.ac.in · www.modyuniversity.ac.in

Ref. No. M/8/ Rev.1

Date: 09th November 2021

University Research Committee

Members of the Committee will be as follows:

1. President / Director - Chairperson
2. Dean SET - Member
3. Dean SOL - Member
4. Dean SOB - Member
5. Dean SLAS / Asst. Dean SLAS - Member
6. Head SOD - Member
7. University R&D Coordinator - Member Secretary
8. External Member
9. Special Invitee

Registrar

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University PhD Cell

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/16 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Swapnika Patria (Department of CSE)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Swapnika Patria is constituted as under:

1.	Prof. A. Senthil	Chairman, Dean, SET or his nominee
2.	Dr. Praneet Saurabh	Supervisor
3.	Dr. Prateek Bhanti	Subject Expert
4.	Dr. Uma Kumari	Subject Expert
5.	Dr. Sanjeev Patwa	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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University PhD Cell

Ref. No. MUST/Ph.D. Cell/2020-21/SRC/15 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Nootan Verma (Department of CSE)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Nootan Verma is constituted as under:

1.	Prof. A. Senthil	Chairman, Dean, SET or his nominee
2.	Dr. Prateek Bhanti	Supervisor
3.	Dr. Vinod Maan	Subject Expert
4.	Dr. Praneet Saurabh	Subject Expert
5.	Dr. Sanjeev Patwa	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/14 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Pooja Anand (Department of CSE)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Pooja Anand is constituted as under:

1.	Prof. A. Senthil	Chairman, Dean, SET or his nominee
2.	Dr. Anil Saroliya	Supervisor
3.	Dr. Vikas Raina	Subject Expert
4.	Dr. Prateek Bhanti	Subject Expert
5.	Dr. Sanjeev Patwa	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/17 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Sarita Silaich (Department of CSE)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Sarita Silaich is constituted as under:

1.	Prof. A. Senthil	Chairman, Dean, SET or his nominee
2.	Dr. Uma Kumari	Supervisor
3.	Dr. Mabmohan Sharma	Subject Expert
4.	Dr. Praneet Saurabh	Subject Expert
5.	Dr. Sanjeev Patwa	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/18 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Poonam Fageria (Department of CSE)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Poonam Fageria is constituted as under:

1.	Prof. A. Senthil	Chairman, Dean, SET or his nominee
2.	Dr. Sanjeev Patwa	Supervisor
3.	Dr. Ajay Kumar	Subject Expert
4.	Dr. Vinod Maan	Subject Expert
5.	Dr. Sanjeev Patwa	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/01 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Ritu Kanthiya (Department of Biosciences)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Ritu Kanthiya is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. R.S. Chundawat	Supervisor
3.	Dr. RK Verma	Co-supervisor
4.	Dr. BK Goyal	Subject Expert
5.	Dr. HL Singh	Subject Expert
6.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/02 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Pankaj Kumari (Department of Biosciences)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Pankaj Kumari is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Harish Dhingra	Supervisor
3.	Dr. KP Sharma	Subject Expert
4.	Dr. Har Lal Singh	Subject Expert
5.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/04 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Saloni Sahal (Department of Chemistry)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Saloni Sahal is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Sarita Khaturia	Supervisor
3.	Dr. Shivendra Singh	Co-supervisor
4.	Dr. Har Lal Singh	Subject Expert
5.	Dr. Navneet Joshi	Subject Expert
6.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/06 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Nikita Kumawat (Department of Arts)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Nikita Kumawat is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Shruti Soni	Supervisor
3.	Dr. AS Rao	Subject Expert
4.	Dr. Sunita Verma (SOB)	Subject Expert
5.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/09 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Mr. Vikas Kumar Verma (Department of Mathematics)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Mr. Vikas Kumar Verma is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Jitendra Binwal	Supervisor
3.	Dr. Rishi Kumar Pandey	Co-supervisor
4.	Dr. Garima Sharma	Subject Expert
5.	Dr. Narendra Kumar	Subject Expert
6.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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University PhD Cell

Ref. No. MUST/Ph.D. Cell/2020-21/SRC/08 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Mr. Bhupendra Singh (Department of Mathematics)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Mr. Bhupendra Singh is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Jitendra Binwal	Supervisor
3.	Dr. K.S. Sisodia	Co-supervisor
4.	Dr. Kiran Singh Bais	Subject Expert
5.	Dr. Har Lal Singh	Subject Expert
6.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/03 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Nisha Choudhary (Department of Biosciences)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Nisha Choudhary is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. RK Verma	Supervisor
3.	Dr. KP Sharma	Subject Expert
4.	Dr. Har Lal Singh	Subject Expert
5.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
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3. COE, MUST
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Lakshmangarh -332311, Distt. Sikar (Rajasthan), India
E-mail: chair.phdcell@modyuniversity.ac.in • Website: www.modyuniversity.ac.in
University PhD Cell

A Leading Women's University

Ref. No. MUST/Ph.D. Cell/2020-21/SRC/07 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Mr. Sandeep (Department of Physics)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Mr. Sandeep is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Manoj Mishra	Supervisor
3.	Dr. Narendra Kumar	Subject Expert
4.	Dr. KP Sharma	Subject Expert
5.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/05 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Himanshi Sharma (Department of Arts)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Himanshi Sharma is constituted as under:

1.	Prof. Uma Bhardwaj	Chairman, Dean, SLAS
2.	Dr. Kriti Vashishtha	Supervisor
3.	Dr. P.D. Pujari	Subject Expert
4.	Dr. AS Rao	Subject Expert
5.	Dr. RK Verma	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/10 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Sadiya Samdani (Department of Management)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Sadiya Samdani is constituted as under:

1.	Prof. Anirban Sengupta	Chairman, Dean, SOB
2.	Prof. Anirban Sengupta	Supervisor
3.	Dr. BS Rathore	Subject Expert
4.	Dr. Anamika Chawhan	Subject Expert
5.	Dr. BS Rathore	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/11 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Parul Saxena (Department of Management)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Parul Saxena is constituted as under:

1.	Prof. Anirban Sengupta	Chairman, Dean, SOB
2.	Dr. BS Rathore	Supervisor
3.	Dr. Sunita Verma	Subject Expert
4.	Dr. RC Nayak (SLAS)	Subject Expert
5.	Dr. BS Rathore	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/12 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Ms. Niharika Lalwani (Department of Management)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Ms. Niharika Lalwani is constituted as under:

1.	Prof. Anirban Sengupta	Chairman, Dean, SOB
2.	Dr. Sunita Verma	Supervisor
3.	Dr. BS Rathore	Subject Expert
4.	Dr. RC Nayak (SLAS)	Subject Expert
5.	Dr. BS Rathore	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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Ref. No. MUST/Ph.D. Cell/2020-21/SRC/13 **Dated: 21/12/2020**

NOTICE

Constitute of SRC for Mr. Sumit Kulshrestha (Department of Management)

As per Regulation R.10 of Ordinances & UGC PhD Regulations 2016 for Doctoral Program, the Student Research Committee of Mr. Sumit Kulshrestha is constituted as under:

1.	Prof. Anirban Sengupta	Chairman, Dean, SOB
2.	Prof. Anirban Sengupta	Supervisor
3.	Dr. Manish Didwania	Co-Supervisor
4.	Dr. SS Rajpurohit	Subject Expert
5.	Dr. Anjali Sharma (SOL)	Subject Expert
6.	Dr. BS Rathore	Member Secretary, PhD coordinator

SRC will monitor the research progress of each student and submit a progress report semester wise to the University Ph.D. Cell.

Uma Bhardwaj

Prof. Uma Bhardwaj
Chairman
University PhD Cell
MUST, Lakshmangarh, Sikar

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MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
LAKSHMANAGRH, SIKAR (Rajasthan)

DOCTORAL OF PHILOSOPHY
PROGRAMME (PhD)

RULES and REGULATIONS

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(In compliance of University Grants Commission (Minimum Standards and Procedures for Award of Ph.D. Degree) Regulations, 2016

[Amended w.e.f. July 01, 2020]

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

DOCTORAL OF PHILOSOPHY, PROGRAMME (PhD)

RULES and REGULATIONS

16/12/2021

REGISTRAR

Mody University of Science and Technology

Lakshmangarh (Distt Sikar) 332311

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RULES and REGULATIONS
FOR
DOCTORAL OF PHILOSOPHY, PROGRAMME (PhD)

Mody University of Science and Technology (MUST) offers doctoral programs leading to the award of the degree of Doctor of Philosophy (abbreviated as Ph.D.). The award of the Ph.D. degree is in recognition of high academic achievements, independent research, and application of knowledge to the solution of technical and scientific problems in Science, Technology, Humanities, Social Science, Management, Law, Design, Architecture, etc. The creative and productive outcome is the basic concept of the underlying research work.

The academic program leading to the Ph.D. Degree is broad-based and involves a minimum course credit requirement and a research thesis. The University also encourages interdisciplinary areas through a system of Co-supervision and provides excellent opportunities for such programs. The University undertakes sponsored research and development projects from Industrial and other Organizations in the public as well as the private sector.

The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of equipment making a distinct advance in instrument technology. It shall evince the Research Scholar's capacity for critical examination and sound judgment and shall represent the original contribution to the existing knowledge.

The Ph.D. Degree would be conferred upon a Research Scholar for research work in areas approved by the Academic Council subject to the conditions and regulations contained hereinafter.

R1. Short Title, Application, and Commencement:

1. These regulations may be called the Mody University of Science and Technology Doctor of Philosophy (Ph.D.) The ordinance, 2016, and its 1st Amendment Ordinance, 2019.
2. This Ordinance shall supersede all previous Ph.D. Regulations of the University and come into force from the date of its approval in the Academic Council.
3. These Regulations shall apply to all categories of students/ Research Scholars pursuing courses of study and research leading to the Ph.D. degree:
4. This Ordinance shall apply to all candidates for admission to the Ph.D. Programme, the conduct of research, and conferment of the Degree of Doctor of Philosophy (Ph.D.) by this University.
5. The Degree shall be awarded based on the original research work embodied in the thesis recommended by a Board of Examiners and successfully defended by the candidate in a Viva Voce Examination.
6. The thesis shall demonstrate a scholarly work in a chosen field of investigations and contribute to existing knowledge either by the discovery of new facts or some new relations between known facts or by a critical survey of facts/issues leading to new interpretations.
7. The thesis shall be written ordinarily in English. However, the thesis on language subjects other than English may be written in the language concerned.

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R.2. **Doctoral Programmes**

1. The Institute shall offer Doctoral Programme leading to the degree of Ph.D.
2. The area of Research could be any Discipline, i.e., Engineering, Technology, Sciences, Humanities, Social Sciences, Management, Law, Design, Architecture or it could be multidisciplinary in nature.

R.3. **Research Programme Committee**

Research Programme Committee (RPC) shall be a subcommittee of the Academic Council, which shall consider all the academic matters related to Postgraduate & Research Programmes. It shall also consider and recommend to the Academic Council the broad framework and policies related to the Postgraduate & Research Programmes offered by the University.

R.4. **Classifications of Ph.D. Applicants**

The Applicants for admission to the Ph.D. program shall be classified under any one of the following categories which will be decided and recommended by the Departmental Research Committee (DRC). DRC consist of the following members: Chairman: Dean of the respective School; Members: HOD, Two professor/ Subject Experts of the concern department.

4.1 Full-Time Research Student / Research Scholar

4.1.1. Institute Research Student / Research Scholar

A Research Student/Research Scholar who is offered an Institute Academic Assistantship for a period of three years extendable by six months at a time up to a total period of four and a half years.

4.1.2 Government / Semi-Government Fellowship Awardees

Research Scholars who receive fellowship and contingency grants from supporting organizations such as Council for Scientific and Industrial Research (CSIR), University Grants Commission (UGC), Quality Improvement Programme (QIP), Department of Atomic Energy (DAE), Department of Science and Technology (DST), Department of Biotechnology (DBT), Indian Council of Medical Research (ICMR), Defense Research & Development Organization (DRDO), All India Council for Technical Education (AICTE) and other similar organizations.

4.1.3. Sponsored Students / Research Scholars

An employee of a Public Sector Undertaking, a Government Department, a Research & Development Organization, or a private industry (approved by the RPC) or an Educational Institution, may be considered for admission as a sponsored Part-Time Research Scholar. Such a Sponsored Applicant would be eligible for admission, provided his / her employer treated him/her on duty with normal salary and allowances, and are fully relieved for the period of study.

4.1.4 Self-financed (Indian / Foreign) Candidates / Candidates on Study Leave Self-financed Indian Candidates: Candidates having a good track record shall be admitted through the usual admission procedure.

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Self-financed Foreign Candidates: These Candidates are admitted through the Embassy of the respective Governments after getting approval from the Ministry of External Affairs and No Objection Certificate from Department of Education, the Ministry of Human Resources Development, Government of India or are admitted under an MOU.

Candidates on Study Leave: This category refers to candidates from a government or educational institution who are on study leave for a period of not less than two years for pursuing the Ph.D. Programme.

4.1.5 ICCR Awardees (Foreign Students)

This category refers to Foreign Candidates sponsored by their Governments and awarded scholarship by ICCR, Government of India. They should apply for admission through the Indian Embassy in their country.

4.2 Part-Time Research Student / Research Scholar

4.2.1. University Faculty / Staff

This category refers to University employees who are admitted to the Ph.D. Programme. They are required to work for their Ph.D. Programme along with their normal duties.

4.2.2 Project Staff

This category refers to Candidates working on Projects undertaken by the Institute where Ph.D. Registration is not a requirement but are admitted to Ph.D. Programme. They are required to work for their Ph.D. Programme along with their normal duties. Part-time status can be changed to full-time with the approval of the President/ Director.

4.2.3 Research Scholars (Sponsored)

This category refers to the persons who are working in other Organizations recognized by MUST for research purposes.

After completion of the Comprehensive Examination, the SRC may examine to allow such Research Scholars to register for Ph.D. with a supervisor from the Institute (Internal) and another (External) from the parent organization (already recognized by MUST) where they will be doing the research work. They shall produce Sponsorship / No Objection Certificate from the parent organization along with the application for admission.

4.3. Change of category of candidature

4.3.1. A PhD student shall be allowed to change his/her category from full time to part time or vice-versa only once during the tenure of the PhD program on the following valid reasons:

(a) Employment
(b) Medical grounds
(c) Valid personal grounds

4.3.2. After completion of the course work, student may apply for change of category from full time to part time or vice versa through SRC with valid documents such as appointment letter/NOC from the employer/medical certificate/valid personal grounds etc. However, part time PhD students are not eligible to change their category of research to full time.

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R.5. Admission to Ph.D. Programme:

5.1. Admission

5.1.1. The student intake in each Department/School, shall be as per the availability of seats. Admission to the Ph.D. program shall be made twice a year, preferably at the beginning of each semester.

5.1.2. All the available seats shall be notified discipline wise by the University, in advance on University website/any relevant newspaper.

5.1.3. Reservation of seats shall be notified in accordance with the latest guidelines, amended from time to time.

5.2. Eligibility:

A candidate shall be eligible for admission to the Ph.D. program if she/he possesses:

5.2.1. A Master's degree or a professional degree declared equivalent to the Master's degree by the corresponding statutory regulatory body, with at least 55% marks in aggregate or its equivalent CGPA 6.00 (or an equivalent grade in a point scale wherever grading system is followed), or an equivalent degree from a foreign educational institution accredited by an Assessment and Accreditation Agency which is approved, recognized or authorized by an authority, established or incorporated under a law in its home country, or any other statutory authority in that country for the purpose of assessing, accrediting or assuring quality and standards of educational institutions.

5.2.2. A relaxation of 5% of marks, from 55% to 50%, or an equivalent relaxation of grade, may be allowed for the candidates belonging to SC/ST/OBC (non-creamy layer)/Differently- abled and other categories of candidates as per the decision of the University Grants Commission from time to time, or for those who had obtained their Master's degree prior to 19th September 1991. The eligibility marks of 55% (or an equivalent grade in a point scale wherever the grading system is followed) and the relaxation of 5% to the categories mentioned above are permissible only on the basis of the qualifying marks without including the grace mark procedures.

5.2.3 The cases of candidates who have passed an examination outside the Indian Universities system and those who may not have obtained a Master's degree may be considered for admission to the program subject to the condition that each case shall be examined on its own merit by the Admissions Committee and in accordance with the recommendations of the Equivalence Committee.

5.2.4 The candidates who have qualified the UGC/CSIR-JRF/NET/SLET, or are Teacher Fellowship-holders or have passed M. Phil. program with course work recognized by the U.G.C., as per the UGC Regulations (Minimum Standards and Procedure for Award of M.Phil./Ph.D. Degree, 2016), shall be exempted from appearing at the written test.

5.2.5. Eligibility for Part-Time Ph.D.

(i) The Applicant should possess the Minimum Entry Qualifications for the degree as given in Clause R.5.1 of these Regulations;

(ii) The Applicant proves that his official duties permit him to devote sufficient time to research;

(iii) Necessary facilities for pursuing research are available at the Applicant's

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workplace recognized for the chosen field of research; and

(iv) The Applicant would reside in Lakshmangarh for a period of not less than 6 months during his/her registration for the Ph.D. Programme. (This condition of minimum residence period stands automatically waived for Research Scholars who are working in MUST or in recognized Organizations/ Institutions located near the Institute).

5.2.6. Eligibility for Assistantships to Teachers

The Faculty Members of Engineering / Management/ Science Colleges or Universities / Deemed Universities may be considered for the award of Institute Assistantship for pursuing Ph.D. Programme at MUST subject to the following terms and conditions:

(i) The Faculty Members must be sponsored by their respective Institutions to pursue the Ph.D. Programme at MUST.

(ii) The sponsored Faculty Members should satisfy the eligibility as per the Clause R.5.1 of these Regulations.

(iii) The RDC should examine each case on merit before making recommendations to the President for the award of Assistantship.

(iv) Sponsored Faculty Members, if admitted to the Ph.D. Programme, would be entitled to Assistantship, as applicable to other regular University Scholars irrespective of the quantum of salary they get from their Colleges/ Institutes.

5.3. Procedure for Admission:

5.3.1 The number of seats for a Ph.D. shall be decided on an annual basis well in advance and notified on the University website or advertisement. A predetermined and manageable number of Ph.D. Scholars shall be admitted depending on the number of available Research Supervisors and other academic and physical facilities available, keeping in mind the norms regarding the scholar-teacher ratio, laboratory, library, and such other facilities.

5.3.2 The University shall admit Ph.D. students through an Entrance Test conducted at the level of University. The candidates to qualify UGC- JRF/NET, CSIR-JRF/NET/SLET/GATE/ Teacher fellowship holder or have passed M.Phil. the programme will be exempted from the entrance test.

5.3.4 The admission shall be based on the criteria notified by the University, keeping in view the guidelines/norms in this regard issued by the UGC and other statutory bodies concerned, and taking into account the reservation policy of Center/State Government from time to time.

5.3.5 The University will devise its own admission procedure, along with eligibility conditions to ensure that most of the seats under these categories are filled. The syllabus for the Entrance Test shall consist of: (a). Research Methodology (50%) and (b). Subject-specific (50%). The Entrance Test shall be conducted at the Centre(s) notified in advance by the University.

5.3.6 University shall admit candidates by a two-stage process through Entrance Test and Interview.

The Entrance Test shall be a single paper test having 50 Multiple Choice

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Questions (MCQs) (50 Marks) and the duration of the test shall be 90 Minutes. The candidates shall be required to answer all questions. There will be no negative marking for wrong answers. The Entrance Test shall be divided into three parts.

i. Part 'A' Research methodology: Part-A shall consist of 25 MCQs each carrying one mark. The questions which will be of general nature, intended to assess the teaching/research aptitude of the candidate. It will primarily be designed to test reasoning ability, comprehension, divergent thinking, and general awareness of the candidate.

ii. Part 'B' Subject Specific: This part shall contain 25 subjects specific MCQs covering the topics given in the syllabus and are designed to test a candidate's knowledge of the subject in which he/she has applied for Ph.D. admission.

iii. Part C: Write-up of around 500 words in the area of Research Interest of the candidate (Part of Interview).

5.3.7. The admission shall be based on the performance of the qualified candidates in the interview/viva-voce to be organized by the Department concerned where the candidates shall be required to discuss his/her research interest/area through a presentation before a duly constituted Departmental Research Committee. The Interview shall carry 50 Marks.

5.3.8. The Interview shall consider the following aspects for determining his/her research aptitude and motivation, namely whether:

a) The candidate possesses the competence for research;

b) The research work can suitably be undertaken in the Department.

c) The proposed area of research may contribute to new/additional knowledge.

R.6. Final Admission:

6.1. The final selection shall be made based on the total marks scored in the Interview and entrance test performance (Min 50% Marks).

Provided that for selection of candidates, a weightage of 70% to the entrance test and 30% to the performance in the interview/viva-voce shall be given

Criteria for Evaluation:

1. Written Test - 70%
2. Interview - 30%

6.2. The selected candidates are required to pay the prescribed fees on the production of an Admission Slip to be issued by the Head of the School. However, the employed candidates are required to submit NOC for the collection of Admission Slip. The date of payment of fees shall be treated as the date of Provisional Ph.D. Registration.

6.3 UGC-CSIR JRF/ICMR JRF candidates (after PG) and foreign nationals shall be allowed to enroll for Provisional Ph.D. Registration any time during the whole academic calendar without appearing in the admission test. They should be treated as supernumerary candidates.

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Mody University of Science and Technology

Lakshmangarh (Distt Sikar) 3[illegible]

R.7. Duration of Ph.D. Programme:

7.1 The Ph.D. program shall be for a minimum duration of three years, including course work and a maximum of five years.

7.2 The women candidates and Persons with Disability (more than 40% disability) may be allowed a relaxation of two years for the Ph.D. in the maximum duration. In addition, the women candidates may be provided Maternity Leave/Child-Care Leave once in the entire duration of the Ph.D. program for up to 90 days.

7.3 In case of exceptional circumstances like, but not limited to, illness/hospitalization, etc. the President may grant extension initially for a period of 12 months, but not exceeding a total of two years on the recommendation of BOS and Academic Council, in addition to the maximum duration of the program.

R.8. Registration

8.1 Registration Requirement and Periodic Review

Student admitted to the Ph.D. program shall register for the specified courses every semester until the submission of the Thesis. The renewal of registration every semester shall be subject to satisfactory progress in his / her research work as recommended by SRC. Each semester students would be given two opportunities to appear for the review presentation to SRC.

8.2. Admission During the Session

The admission to Ph.D. programs at any time during the session is allowed to give an opportunity to Research Scholars with high accomplishments. Such admissions shall be approved by the Dean Academics on the recommendation of concerned Dean. Such students may be considered for University Assistantship provided he/she is higher in merit than the minimum level of merit up to which the assistantship is granted in the concerned semester.

8.3. Time Period Requirement for Submission

(i) The minimum period of registration shall be three Calendar years (36 months) for a Full-Time Research Scholar and Part-Time Research Scholar. However, in exceptional cases, the President/ Dean Academics may relax the minimum period by four months.

(ii) The Research Scholars of all categories shall normally submit their Thesis within a period of five years from the date of their initial registration for the Ph.D. Programme. However, as a special case, this limit may be extended to a maximum of seven years by the President on the recommendation of the RPC, after which the registration shall stand canceled automatically.

R.9. Research Supervisor:

9.1 Any regular Professor of the University with at least five research publications in refereed journals, and any regular Associate/Assistant Professor of the University with a Ph.D. degree and at least two research publications in refereed journals, as a Research Supervisor.

9.2 Only a full-time regular teacher of the University can act as a Supervisor. No external supervisor is allowed. However, a Co-Supervisor can be allowed in inter-disciplinary areas from the same/other departments of the same institute or from any other related institution, with the approval of the Student Research Committee.

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9.3 The allocation of Research Supervisor for a selected research scholar shall be decided by the School Board/BOS on the recommendation of the SRC concerned, depending on the number of scholars per Research Supervisor, the available specialization among the Supervisors and research interests of the scholars as indicated by them at the time of interview/viva voce.

9.4 In the case of the topics which are of inter-disciplinary nature, where the Department concerned feels that the expertise in the Department has to be supplemented from outside, The Dean, on the recommendations of the SRC, may appoint a Research Supervisor from the Department itself, who shall be known as the Research Supervisor, and a Co-Supervisor from outside the Department/ School/University, on such terms and conditions as may be specified and agreed upon by the consenting Institutions.

9.5 A Research Supervisor/Co-supervisor who is a Professor, at any given point of time, cannot guide more than eight (8) Ph.D. scholars. An Associate Professor as Research Supervisor can guide up to a maximum of six (6) Ph.D. scholars, and an Assistant Professor as Research Supervisor can guide up to a maximum of four (4) Ph.D. scholars.

9.6 However, in such cases where a teacher is retiring or leaving and where redistribution/reallocation of the Ph.D. students is required for the above mentioned or any other reason, the Ph.D. students shall be adjusted among the eligible existing teachers of the department by relaxing the norms by the Student Research Committee (SRC)/Board of Studies (BOS).

9.7 However, in such cases where the teacher is retiring (two years or less of service is remaining) appointment of a Co-Supervisor on the recommendations of the SRC at the time of registration may be done by the BOS/School Board concerned.

9.8 Provided further that in case a Supervisor, under whose guidance a thesis has been prepared in part or in full, ceases to be a teacher of the University, he/she may, subject to his/her availability and recommendation of the Departmental Research Committee, be allowed to continue guiding the scholar by the School Board and/or Board of Studies as Co-Supervisor of the student concerned.

9.9 The Supervisor shall be approved by the President/Director on the recommendation of Departmental Research Committee and Dean of respective School.

R.10. Student Research Committee:

There shall be a Student Research Committee or an equivalent body for a similar purpose for each Ph.D. scholar. The Dean of the School shall be the Chairman of this Committee and Ph.D. Coordinator of School, Convener of this Committee. This Committee shall have the following responsibilities:

i. To review the research proposal and finalize the topic of research;

ii. To guide the research scholar to develop the study design and methodology of research and identify the course(s) that he/she may have to do.

iii. To periodically review and assist in the progress of the research work of the research scholar.

iv. A research scholar shall appear before the SRC once in six months to make a presentation of the progress of his/her work for evaluation and further guidance.

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The six-monthly progress reports shall be submitted by the SRC to the Institution/School with a copy to the research scholar.

v. In case the progress of the research scholar is unsatisfactory, the SRC shall record the reasons for the same and suggest corrective measures. If the research scholar fails to implement these corrective measures, SRC may recommend the specific reasons for the cancellation of the registration of the research scholar.

R.11 SRC shall consist of the following members:

i. Dean: Chairman
ii. Research Supervisor: Convener
iii. Internal member to be nominated by Head of the department (Out of the two names to be proposed by the Supervisor)
iv. External member to be nominated by Dean of Concerned School (Out of the panel of two names to be proposed by the Convener)
v. Ph.D. Coordinator of concerned School- Member secretary.

R.12. Course Work: Course Credit Requirements and Registration for Courses

12.1 There shall be a compulsory Course Work of minimum one-semester duration as a pre-requisite for the confirmation of registration of students admitted provisionally. The course work shall consist of one Course on research methodology, Research and Publication Ethics (RPE) and the remaining Course(s) shall be as prescribed by the School Board/Board of Studies/Departmental Research Committee. Every such pre-requisite course shall carry 14 credits.

12.2 All candidates admitted to the Ph.D. programmes shall be required to complete the course work prescribed by the Department during the initial one or two semesters. The student shall be registered for the whole course work in one semester only. No student shall be allowed to register for the Course Work after the expiry of the notified deadline.

12.3 **Exemption from Course work**

12.3.1 Any candidate with a M. Phil degree may be exempted from the course work. However, such a person shall be required to give at least two seminars on the areas related to his/her area of research prior to the submission of the Synopsis/Research Plan.

12.3.2 Those who have carried out research at another university and have completed the course work of equivalent standard/credit may be exempted from course work at this university. However, if the SRC feels, it can suggest course work (credit or non-credit) for the benefit of such candidates.

12.4 If a student has taken more number of courses than the prescribed number and has secured the grade higher than 'F' in each course, then the best grades of the required number of courses shall be taken into account for the calculation of CGPA for the purpose of deciding his/her case for confirmation to the Ph.D. program.

12.5 A student for whom pre-requisite courses are prescribed shall be required to clear the Course Work as given below (Sr No 1 to 4) within the first year. The registration of such students shall be confirmed only if he/she has a qualified

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minimum of 14 credits with a minimum of 7.0 CGPA of the Course Work.

1.	Research Methodology	4 credit
2.	Research and Publication Ethics (RPE)	2 credit
3.	Subject- Specific paper	4 credit
4.	Seminars (Two in research area)	4 credit
	Total Credit required for course work	**14**

There would be a common syllabus for the Research Methodology and Research and Publication Ethics across the University. Syllabus of the Subject Specific paper would be decided by the concerned School. The syllabus of the courses at Sr No 1 to 3 would be approved by the Academic Council on the recommendation of the RPC. The seminar would be presented by the candidate in her area of the research work decided mutually by the candidate and Supervisor.

12.6 There shall be 50% weightage for the Course Work End-semester examinations and 50% weightage shall be given as internal assessment on the basis of Mid Term Exam/Assignments/Presentations/ Projects and other research-based activities during the semester.

12.7 Seminars shall be 100% weightage for the Course Work End-semester examinations on the basis of presentations/ projects and other research-based activities during the semester.

(i) Each Seminar shall carry two credits.

(ii) The seminar would be evaluated during the Ph.D. review by SRC

12.8 The candidates failing to obtain a minimum B Grade may be allowed to continue with provisional registration for a maximum period of one more semester during which the candidate would be required to fulfill the minimum required. He/She shall be allowed to reappear in the next end-semester examination. No further chance will be given to the candidate.

R.13. Synopsis / Research Plan

After successful completion of the Pre- Ph.D. course requirements, each student will be required to submit a Research Plan. Synopsis/ Research Plan Presentation shall invariably be submitted by the student within the six months after successful completion of PhD course work.

13.1 **Synopsis / Research Plan Presentation**

Research plan/ Synopsis presentation has to be conducted generally with in the six months of the completion of his/her course work and course work must be completed within the stipulated time period.

Research Plan Presentation shall invariably be conducted by the concerned department within the stipulated time frame of 18 months / 24 months for full time/part-time Ph.D. Scholars respectively. The Synopsis / Research Plan Presentation should be separately conducted before the evaluation of the Research Proposal. The examination will be conducted by a committee called the Student's Research Committee (SRC).

13.2. Evaluation

The guidelines for the evaluation in the synopsis/Research Plan are given in the Appendix. SRC on the basis of the performance of Student in the examination will

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make one of the following recommendations:

(a) The content of the synopsis was found satisfactory and suitable for submission. The title of the Synopsis is being approved

(b) The synopsis was not satisfactory and needs minor revision.

(c) If the SRC does not approved/recommended a candidate for registration to Ph.D. candidate shall be allowed to make an oral presentation.

13.3. Number of Attempts

A student will be provided a maximum of two attempts to present the research plan and synopsis was found satisfactory or otherwise his/her registration will stand canceled.

13.4 **A research plan is approved by the SRC. After that, the title and the objective of the research work would not be changed to maintain quality.** Incase supervisor/ student want to change the any objective of the Research Plan/ Synopsis may be permitted by the approval of chairman of SRC.

R.14. Eligibility for the Status of Research Scholar

14.1 The Student shall make a request for the status of Research Scholar for the Ph.D. Degree (Proforma-III) through SRC, after having passed the Comprehensive Examination. He/She shall be evaluated for the status of Research Scholar for Ph.D. Degree Programme as per procedure given in the Appendix.

14.2 A student shall be formally registered as a Research Scholar for the Ph.D. Degree after he /she has complied with the following:

(i) has completed the course work;

(ii) has passed the comprehensive examination; and

(iii) has submitted a Research Plan duly recommended and approved by SRC.

R.15. Requirements during Registration Period:

15.1 Every research scholar shall be required to show continuous progress during the period of his/her registration and it shall be monitored by the supervisor of the candidate and SRC periodically (at least once a semester). For this purpose, each research scholar will be asked to submit a progress report (Proforma-II) at the end of each semester to Dean through supervisor(s).

15.2 The supervisor of the research scholar shall give his/her assessment about the progress of the scholar as whether satisfactory or not. The report shall be placed before the SRC for its evaluation in its forthcoming meeting. In case two consecutive half-yearly reports are found unsatisfactory, Head of the Department, on the recommendations of the SRC may recommend to the Board of Studies for cancellation of the registration.

15.3 The research scholar shall present a seminar on his/her research at the completion of each year after his/her registration to the Ph.D. program until submission of the Ph.D. thesis to SRC.

15.4 Every research student shall pursue full-time research as a regular student for a minimum period of two years from the date of registration.

15.5 Candidates already in employment shall also have to pursue full-time research as a regular student for the minimum period of two years after registration of Research

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Topic.

R.16. Removal of the Name from the Rolls of the University:

16.1. The name of a student shall be deemed to have been removed from the rolls of the University if he/she

(i) fails to qualify any pre-requisite course within the stipulated duration.

(ii) fails to secure a minimum of 'B' Grade in each of the subjects of the course work

(iii) fails to submit the two half-yearly reports consecutively

(iv) fails to deposit the registration/annual/continuation fee within the stipulated time

(v) fails to submit his/her thesis within five years from the date of admission to the Ph.D. program. Provided further that the President/Director may, on the recommendation of the SRC/BOS/RPC grant extension to the scholar to submit the thesis for a maximum period of one year.

16.2. The Board of Studies, on the recommendation of the SRC, may, however, accept the request of a candidate whose name has been removed from the rolls of the University to get re-admitted and become eligible for submission of his/her thesis, provided he/she submits his/her thesis within one year from the date of such re-admission or within maximum seven years of the date of his/her admission, whichever is earlier.

R.17. Leave and Attendance

A Research Student / Research Scholar will be entitled to avail leave as per Leave Rules / Attendance Rules formulated and amended from time to time by the Academic Council. Presently there are as under:

17.1 During Course work

A full-time Ph.D. student, during his/her stay at the University, will be entitled to leave for 30 days per academic year including leave on medical grounds. He / She will not be entitled to Mid-Semester breaks, Summer and Winter Vacations.

Leave beyond 30 days in an academic year may be granted by the Dean to a Research Scholar in exceptional cases subject to the following conditions:

(i) The leave beyond 30 days will be without Assistantship / Scholarship / Fellowship;

(ii) Such an extension of leave up to an additional 30 days will be granted only once during the program of the Scholar.

The leave may be subject to the approval of the Head of Department concerned on the recommendation of the Supervisor, and a proper leave account of each Student/ Research Scholar shall be maintained by the Department concerned.

17.2 After Completion of the Course Work

A full-time Ph.D. student, during his/her stay at the University, will be entitled to leave for 30 days per academic year including leave on medical grounds. He / She will not be entitled to Mid-Semester breaks, Summer and Winter Vacations. In addition, a Ph.D. Student who has completed his / her course work may be granted leave on the medical ground up to 10 days per academic year.

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The women Ph.D. Student will be eligible for Maternity Leave with fellowship as per the rules of the institute.

17.3 Attendance

A Ph.D. Student must have at least 75% attendance in each course in which he/she is registered. In case his/her attendance falls below 75% in any course during a month he/she will not be paid fellowship for that month. Further, if his/her attendance again falls short of 75% in any course in any subsequent month in that semester his/her studentship and assistantship will be terminated. A student falling short of 75% attendance in a course shall not be permitted to appear in the examination of that course. A Ph.D. Student after having completed the course work must attend to his/her research work on all the working days and mark attendance except when he/she is on duty leave /sanctioned leave.

For the above purpose, if 75% works out to be a number which is not a whole number, the immediate lower whole number will be treated as the required 75% attendance.

R.18. Guidelines for the Submission of Thesis:

18.1 No candidate shall be permitted to submit his/her thesis for the Ph.D. degree unless he/she has pursued research at the university for not less than three years after his/her admission to the Ph.D. program.

18.2 The Ph.D. scholars must publish at least two research paper in UGC CARE listed refereed journal and preferred SCOPUS/ SCI indexing journals and make two paper presentations in Conferences/Seminars before the submission of the dissertation/thesis for evaluation, and produce the evidence of the same in the form of a presentation certificate and/or reprint.

18.3 Pre-Thesis Submission Seminar:

(i) Prior to the submission of the thesis, the student shall present a pre-thesis submission seminar to SRC that shall be open to all faculty members and research students, for getting feedback and comments, which shall be suitably incorporated into the draft thesis under the advice of the supervisor. The notice of the Pre-thesis Submission Seminar shall be issued by the Dean of the School under intimation to the President/ Director.

(ii) On successful presentation of the Pre-Thesis Submission Seminar, the research scholar is required to submit the thesis within three months from the date of the pre-submission seminar, failing which he/she shall have to repeat the pre-submission seminar.

(iii) The Ph.D. scholar shall submit a copy of the thesis in the form of a CD/Pen drive/official email to the Library for plagiarism check and he/she shall be eligible for submission on the production of a satisfactory report of the plagiarism check.

(iv) A candidate shall submit his/her thesis for the Ph.D. degree in the manner prescribed as under:

a. The research scholar shall submit four printed/typed hardbound copies of his/her thesis along with the copies of the abstract and the summary, mentioning the name of the candidate, supervisor, etc., along with two soft copies of the thesis on separate CDs and/or Pen drives.

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b. The typing/printing of the thesis should be done on both sides of the paper (instead of the single-side printing), on A-4 size paper, in font size 12" in Times New Roman font with line-spacing 1.5. For other details, the research scholar shall adhere to the style sheet/manual as prescribed by the department concerned, from time to time.

c. The title page of the Ph.D. Thesis would be in the Colour prescribed as follows: SLAS: Navy Blue, SOL: Dark Navy Blue; SET: Off White, SOB: Dark Gray, SOA: Maroon and SOD: Maroon Navy. Ph.D. thesis must contain the following copyright certificate at the beginning of the thesis, on a separate page on the left side:

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d. The thesis shall be accompanied by a declaration from the candidate countersigned by the Supervisor and Dean of the School in the given format (Performa).

18.4. Plagiarism Check:

Before the submission of a thesis, it shall undergo plagiarism check with the plagiarism detecting software provided by the University. A thesis with a similarity index of more than 10% (to be computed by excluding the bibliography, index, and references), shall not be accepted for its submission to the University. The concerned University authority shall issue a plagiarism verification certificate as per UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Education Institutions) Regulations, 2018.

R.19. The panel of Examiners:

19.1 The supervisor of the candidate will suggest a panel of ten names of external experts not below the rank of Associate Professors, preferably Professors giving their official and residential address, mobile number, and email address. The supervisor shall give a certificate to the effect that the names suggested in the panel are not relatives of the supervisor or candidate. If the supervisor fails to supply the panel of Examiners within one month after the submission of the thesis in the University, the President may draw the panel in consultation with respective Dean/HoD.

19.2 The panel prepared by the supervisor will be sent through the Dean concerned to Controller of Examination in a sealed cover. The President will appoint from the panel, two examiners who are not in employment of the University out of which at least one shall be from outside the country. The President may add more names of the subject experts in the panel.

19.3 The thesis when received shall be referred for evaluation to the supervisor and two external examiners appointed by President. If the Supervisor is not sending the report of evaluation within four months, the President, may, if need be, send the thesis for evaluation to another examiner from the panel.

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R.20. Evaluation of the Thesis:

20.1 The Ph.D. thesis submitted by a research scholar shall be evaluated by his/her Research Supervisor and at least two external examiners, who are not in employment of the University, of whom one examiner may be from outside the Country.

20.2 The President shall appoint two external examiners out of the panel recommended by the SRC with at least one examiner from outside the Country for the evaluation of the thesis.

20.3 Each Examiner, after examining the thesis, shall submit a detailed assessment report to the Controller of Examination (COE) containing a clear recommendation on the prescribed preform within six weeks of the date of receiving the Thesis.

20.4 In the event of the Thesis Report not being received from an examiner within a period of two months, the President on the recommendation of COE may appoint another examiner in his place for evaluating the thesis.

20.5 Examiner's Report

20.5.1. Examiners will examine the Thesis with a view to judge that the Thesis is a piece of research work characterized by;

(i) The discovery of facts, or

(ii) A fresh approach towards interpretation and application of facts or theories, or

(iii) A distinct advance in instrument technology.

20.5.2. The examiner will be required to give his opinion about Research Scholar's capacity for critical examination and sound judgment. The internal examiners shall be submitting one Report. All examiners will submit the Reports on the prescribed form clearly stating that:

(i) The thesis is recommended for the award of Ph.D., or

(ii) The thesis is recommended for the award of Ph.D. Degree subject to the Research Scholar giving satisfactory answers to queries specifically mentioned in the Report at the time of Viva-Voce examination, or

(iii) The Research Scholar be allowed to resubmit his thesis in the revised form, or

(iv) The Thesis is rejected.

20.5.3 Action on Examiner's Report shall be taken as under:

(i) If all the three examiners recommend acceptance of the Thesis, their recommendations shall be accepted.

(ii) If two of the three examiners recommend rejection, their decisions would be accepted. The Research Scholar may, however, be allowed to submit the Thesis normally after one year, provided the Title of the Thesis remains unchanged. A normal procedure will be followed for the evaluation of the Thesis.

(iii) If one of the examiners recommends rejection, the Research Scholar's replies to the comments made by the examiners shall be sent to the examiner and his clear verdict sought. The examiner may then recommend acceptance, rejection, or revision of the thesis.

In case the thesis is accepted, Sub-clause R.20.5.3(i) above will be applicable. In case of recommendation for Revision, Sub-clause R.20.5.4 below will apply. However, if the examiner still recommends rejection, a fourth examiner would

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be appointed from the panel of the examiners already approved by the President. In such cases Sub-clause, R.20.5.5 will apply.

(iv) If one examiner recommends revision of the Thesis, the Thesis would be revised normally within one year, if the Research Scholar so desires. The revised version of the Thesis would be sent to all the examiners for their recommendations. If the Research Scholar does not agree for revision, he may ask for the appointment of the fourth examiner under Sub-clause R.20.5.5 below:

(v) The new examiner, if appointed, shall be Indian or Foreign depending on whether the thesis was rejected by an Indian or a Foreign examiner in the first instance. The reports of all the examiners will be sent to him/her without revealing the identity of the examiners, along with the response of the Research Scholar, if any. The Thesis shall be deemed to be acceptable if three out of four examiners recommend acceptance.

If the fourth examiner recommends revision, the thesis would be suitably revised and resubmitted normally after 3 months and sent for examination to all the examiners except to the one in whose place the fourth examiner was appointed.

In case the fourth examiner recommends rejection or his recommendations for revision is not accepted by the Research Scholar, the Thesis would be Rejected. The Research Scholar may then avail the benefit of Sub-clause R.20.5.2 above.

(vi) If two of the three examiners recommend revision of the thesis, the Research Scholar may revise the thesis accordingly and resubmit it normally within a period of one year for the evaluation by the same set of examiners.

(vii) The correspondence regarding R.20.5.3, R.20.5.4, and R.18.5.5 will be done by the Dean.

(viii) If one examiner recommends rejection and other examiner recommends revision of the thesis, the Research Scholars may revise the Thesis and resubmit it normally within a period of one year, for evaluation by the same set of examiners.

20.5.4 Any doubt arising out of following the procedure laid down above shall be referred to the President for a decision.

20.5.5 In case of ambiguous recommendations by an examiner, COE will approach the examiner for a clear recommendation. In case the clear recommendation is not forthcoming, the matter may be referred to the President for his decision.

R.21 Resubmission of Thesis

21.1. In the case of resubmission of the Thesis, a fresh fee for the examination shall be paid by the Research Scholar.

21.2 The revised Thesis may be submitted within two years from the date of such intimation.

21.3 No Research Scholar shall be allowed to resubmit the same Thesis more than once.

R.22. Viva-Voce Examination

22.1. On the satisfactory evaluation of the report, the student shall undergo a viva voce. Research Scholar shall be required to defend his work/thesis orally (viva-voce examination) before a duly constituted committee hereinafter referred to as the Oral Defence Committee (ODC). Details of the viva-voce shall be adequately notified so as to enable interested staff members and students to attend it.

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22.2. The ODC shall consist of the following members:

a) The Dean of the School - Chairperson
b) Supervisor (internal examiners) - Member
c) One external thesis examiner - Member

Provided that if the Dean is the Supervisor of the candidate. He/she may nominate the senior-most Professor of the school to chair the Viva Voce examination.

The internal examiner shall arrange the Viva-voce examination of the Research Scholar.

22.3. The viva voce, based on, among other things, the critiques are given in the evaluation report, shall be conducted by the Research Supervisor and at least one of the two external examiners, and shall be open to being attended by the then Members of the SRC, all faculty members of the Department, other research scholars and other interested experts/researchers.

22.4. Non-Availability of the Examiner

(a) In case of non-availability of the External Examiner in conducting the Viva-voce examination, the President may appoint another examiner to conduct the Viva-voce examination from the existing panel. If need be, the SRC may suggest a fresh panel of examiners.

(b) The Viva-voce examiners shall be provided with the comments made by the examiners before the Viva-voce examination.

(c) If there is a difference of opinion among the Viva-voce examiners, the recommendations of the Viva-Voce Board will be put up to the President for a decision who may either direct for holding a fresh Viva or recommend acceptance or otherwise to the Academic council.

(d) Internal examiner(s) shall arrange for the Viva-voce examination of the Research Scholar as early as possible and normally within two months from the date of communication to the Internal Examiner for holding the Viva-voce examination.

(e) In case of the Non-availability of the Internal examiner(s) to have the Viva-voce examination conducted due to any reason, the President may appoint other Internal Examiner(s) from amongst the faculty of the department concerned who belongs to the particular field in consultation with Dean to conduct the Viva-voce examination. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the Supervisor(s) only.

(f) Any other matter not explicitly provided herein or of an exceptional nature may be referred to the President for his decision.

22.5. At the viva voce, the Viva Voce Board shall satisfy itself;

i. That the thesis submitted by the candidate is his/her own work, and
ii. That the grasp of the candidate on the field of his/her study is satisfactory.

22.6. The Viva-Voce Board may, on the basis of the unanimous opinion of its members, recommend:

i. That the candidate be awarded the Ph.D. degree;
ii. That the thesis is suitable/fit for publication in its present form;
iii. That the thesis may be published with revisions;
iv. That the thesis be referred back to the candidate for revision;
v. That the thesis be rejected and the candidate may not be awarded the Ph.D.

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Degree

22.7. In case the Viva-Voce Board recommends that the candidate be awarded the Ph.D. degree, COE shall recommend to the President that the Ph.D. degree may be awarded to the candidate.

22.8. Along with the Degree, the University shall issue a certificate stating that the degree has been awarded in accordance with the UGC (Minimum Standards and Procedure for Awards of M.Phil./Ph.D. Degree) Regulation, 2016 (as amended from time to time).

22.9. In case the viva-voce Board recommends that the thesis of the candidate be rejected, the Board of Studies shall direct accordingly.

22.10. In case the recommendation of one member of the Viva-Voce Board is positive and of the other negative, the Dean shall refer the case to the SRC for its consideration and recommendation, and take a decision after considering such recommendation.

22.11. A candidate whose thesis has been referred back by the Viva-Voce Board for revision shall be permitted to re-submit it for the award of the degree not later than one year from the date of intimation of the decision of the University to him/her.

22.12. In exceptional cases, the Academic Council may, on the recommendations of the Board of Studies/School Board, extend the period by one semester.

22.13. A thesis which has been re-submitted shall normally be examined by the original examiner(s) unless any one of them is, or all of them are, unable or unwilling to act as such, in which case another examiner(s) may be appointed by the President or on the recommendation of RPC.

22.14. No candidate shall be permitted to re-submit his/her thesis for the award of the Ph.D. degree more than once.

R.23 Award of Ph.D. Degree:

23.1 On the successful completion of all stages of the examination, the Oral Defense Committee shall be recommended (Clause 20.5 and 20.6(i)) to the President for the award of the degree.

23.2 After the President Accords approval of the proceedings of the Viva Voce, the Controller of Examinations shall issue a notification, announcing the award of the Ph.D. degree to the candidate.

23.3 Prior to the Original Certificate of the degree, the University shall issue a Provisional Certificate to the effect that the Degree has been awarded in accordance with the provisions of the UGC Regulations, 2016 & 2018

23.4 After the approval of the Academic Council, the Ph.D. degree under the seal of the University and signed by the President shall be awarded to the candidate in the next convocation of the University.

R.24. Fee Structure

24.1 Ph.D. scholar shall have to pay the prescribed fees within the stipulated time as fixed by the University, failing which his/her registration shall be canceled. The fees shall be subject to changes as decided by the University from time to time.

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24.2 Evaluation fee to be charged at the time of submission of the Ph.D. thesis, decided by the University from time to time.

24.3 No application for extension of research period or submission of the thesis shall be entertained without clearance of all due fees.

24.4 The admission fee for sponsored foreign nationals be five (5) times of the normal fee.

24.5 For the self-financed foreign nationals the admission fee be charged the normal fee.

R.25 Depository with INFLIBNET:

Following the successful completion of viva voce and issued Ph.D. notification for the award of the Ph.D. degree(s), the University shall submit an electronic copy of the Ph.D. thesis to the INFLIBNET, for hosting the same to make it accessible to all Institutions/Colleges.

R.26 Interpretation of Regulations

In case of any dispute or difference of opinion in the interpretation of these Ordinances Regulations or any other matter not covered in these regulations, the decision of the Chairman, Academic Council shall be final and binding.

R.27 Emergent Cases

Notwithstanding anything contained in the above regulations, the Chairman of the Senate may, in an emergent situation, take such action on behalf of the Senate as he deems appropriate and reports it to the next meeting of the Academic Council for its approval.

16/12/2021

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