

To

The Dean
College of Arts, Science and Humanities (CASH)
Mody University of Science and Technology,
Lakshmangarh Sikar

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01.02.2017

Subject: For conducting a five-day Faculty Development programme on "**Recent trends transforming Life Sciences**".

Dear Sir

With reference to the subject, we would like to put up a proposal for five days faculty development programmes for creating awareness about **Recent trends transforming Life Sciences** for strengthening teaching and research facilities for more effective knowledge creation and dissemination. Project-based learning, peer and collaborative learning, and other advanced pedagogical strategies will be introduced to participants in order to develop autonomous, critical, and creative thinking among students and teachers. Participants in this programme will also be able to learn how to use Wet lab techniques & tools for learning, research, and professional development, as well as develop their capacity to plan, create, and implement research that meets international standards.

As this FDP aims to provide teachers with cutting-edge pedagogy for their own professional growth and the benefit of their students, we look for your kind approval of the same. There will be no registration charge for the participants.

Further we will chalk out full proposal like resource persons, venue, expenses and dates, etc.

Thanking you in anticipation

Thanks & Regards

Dr Harish Kumar Dhingra

Convener

Mob: 9461536233



Approved BY



Dean CASH



Approval

**FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES**

(20th – 24th March, 2017)

Organized by

**Department of Biosciences, College of Arts, Science and Humanities (CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311**

PREAMBLE: Mody University of Science and Technology is a state private University with the objective of encouraging and motivating the women population and to avail quality education with world-class infrastructure and facilities in an IT-savvy environment. The department of biosciences works with a vision to emerge as a leading centre for Undergraduate and Post Graduate, study and research in Plant Life Science, Microbiology, Bio-catalysis & Bio transformation and Environmental Biotechnology. It is aimed to generate skilled professionals for teaching and industrial sectors of Life Science, Microbiology, Food Technology and other related disciplines.

ABOUT THE FDP: This faculty development program (FDP) is designed for all faculty teachers and researchers working in institutes, universities, colleges and professional institutes, or other government and private professional training institutes. This faculty development program (FDP) is devoted to address various recent trends transforming life sciences. Life Science improves crop insect resistance, enhances crop herbicide tolerance and facilitates the use of more environmentally sustainable farming practices. Life Science feeds the world by generating higher crop yields with fewer inputs, lowering volumes of agricultural chemicals required by crops-limiting the run-off of these products into the environment, using biotech crops that need fewer applications of pesticides and that allow farmers to reduce tilling farmland, developing crops with enhanced nutrition profiles that solve vitamin and nutrient deficiencies, producing foods free of allergens and toxins such as mycotoxin, and improving food and crop oil content to help improve cardiovascular health. This FDP is intended to provide an insight on tools of Life Science and biochemistry in crop improvement.

Theme Area:

- Core Life Sciences
- Pharmaceutical Sciences
- Biosensors, Imaging & Diagnostics
- Biomaterials & Biomechanics
- Bio-heat transfer & Bioprocess Engg.
- Computational Biology
- Biophysical & Biochemical Sciences
- Mathematical Modeling & Quantum Biology

Important dates:

Last date for submission of Application: 15/03/2017

Duration : 20th – 24th March, 2017



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Organizing Committee and Resource Person

Convener : Prof. Amit Mukherjee
Co-convener : Dr. K.L. Ameta
Coordinator : Dr. Harish Kumar Dhingra

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Dr. Amit Mukherjee	Professor, MUST	Environmental impacts of chemicals in textile industries
2	Dr. R.K. Gaur	Professor, MUST	Challenges in Pharmaceutical industries
3	Dr. Amlan Das	Professor, MUST	Use of Diagnostics in Clinical Biochemistry
4	Dr. Harish Kumar Dhingra	Associate Professor, MUST	Use of Biomaterials & its implications
5	Dr. Dharmender Kumar	Associate Professor, DCRUST, Murthal	Recent developments in the field of Bio-heat transfer & Bioprocess Engg.
6	Dr. Baljeet Saharan	Associate Professor, HAU, Hisar	Advances in Computational Biology
7	Dr. K.P. Sharma	Asst Professor, MUST	Basic techniques in Biophysical & Biochemical Sciences
8	Dr. Namita Singh	Prof., GJU, Hisar	Use of nano-biotechnological techniques in modern era
9	Dr. Pankaj Jain	Assist Prof, RU, Jaipur	Environmental impacts of use of xenobiotics in industries
10	Dr. Sandeep Jaiswal	Associate Professor, MUST	Recent Development in Pharmaceutical Sciences
11	Dr. Harlal Singh	Associate Professor, MUST	Basics of Biosensors, Imaging & Diagnostics techniques
12	Ms. Sarita	Asst Professor, Govt College, Gohana	Mathematical Modeling & Quantum Biology

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Schedule

20/3/2017	
10:00-10:15	Inauguration
10:15-11:00	Welcome address
11:00-11:30	Introduction
11:30-12:30	Lecture I: Environmental impacts of chemicals in textile industries: Dr. Amit Mukherjee
12:30-1:30	Lecture II: Challenges in Pharmaceutical industries: Dr R K Gaur
2:30-4:30	Workshop on Lab ethics and safety measures in Laboratory: Dr Dr R K Gaur / Dr H K Dhingra
21/3/2017	
10:30-12:00	Lecture III: Use of Diagnostics in Clinical Biochemistry: Dr A K Das
12:00-1:30	Lecture IV: Use of Biomaterials & its implications: Dr Harish Kumar Dhingra
2:30-3:30	Lecture V: Recent developments in the field of Bio-heat transfer & Bioprocess Engg.: Dr. Dharmender Kumar
3:30-4:30	Workshop II: General Biochemistry procedures in Laboratory: Dr R K Gaur
22/3/2017	
10:30-12:00	Lecture VI: Advances in Computational Biology: Dr Baljeet Saharan
12:00-1:30	Lecture VII: Basic techniques in Biophysical & Biochemical Sciences: Dr K P Sharma
2:30-4:30	Workshop III: Use of PCR in diagnostics: Dr K P Sharma
23/3/2017	
10:30-12:00	Lecture VIII: Use of nano-biotechnological techniques in modern era: Dr Namita Singh
12:00-1:30	Lecture IX: Environmental impacts of use of xenobiotics in industries: Dr Pankaj Jain
2:30-4:30	Workshop IV: Handling of Microbes in Laboratory: Dr Harish Kumar Dhingra
24/3/2017	
10:30-12:00	Lecture X: Recent Development in Pharmaceutical Sciences: Dr. Sandeep Jaiswal
12:00-1:30	Lecture XI: Basics of Biosensors, Imaging & Diagnostics techniques: Dr Harlal Singh
2:30-3:30	Lecture XII: Mathematical Modeling & Quantum Biology : Ms. Sarita
3:30-4:30	Workshop V: Handling of ELISA Reader, Electrophoresis unit and Nanodrop spectrophotometer: Dr Harish Kumar Dhingra
4:30 onwards	Valedictory Function

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

List of Participants

S. No.	Name	Address and Contact Details
1.	Dr. R S Chundawat	Assistant Prof, Mody University, Rajasthan
2.	Dr. Sarita Khathuriya	Assistant Prof, Mody University, Rajasthan
3.	Dr. Navneet Joshi	Assistant Prof, Mody University, Rajasthan
4.	Dr. N Kumar	Assistant Prof, Mody University, Rajasthan
5.	Dr. Jitendra Binwal	Associate Prof, Mody University, Rajasthan
6.	Dr. S S Chauhan	Assistant Prof, Mody University, Rajasthan
7.	Dr. Manish Didwania	Associate Prof, Mody University, Rajasthan
8.	Dr. B S Rathore	Associate Prof, Mody University, Rajasthan
9.	Ms. Reema	Research Scholar, Biotechnology, Mody University, Rajasthan
10.	Ms. Sarika Chundawat	Ganga Colony, Laxmangarh
11.	Mr. Rakesh Verma	Research Scholar, Biotechnology, Mody University, Rajasthan
12.	Ms. Monika Sharma	Research Scholar, Biotechnology, Mody University, Rajasthan
13.	Ms. Sheetal Trikha	Research Scholar, Biotechnology, Mody University, Rajasthan
14.	Ms. Chittra	Research Scholar, Biotechnology, Mody University, Rajasthan
15.	Ms. Ritu Saharan	Research Scholar, Biotechnology, Mody University, Rajasthan



FACULTY DEVELOPMENT PROGRAMME (FDP)
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(20th – 24th March, 2017)

Registration Form

1. Name : CHITRA NEHRA
2. Designation : PhD - Scholar
3. Institution : Mody University
4. Email : chitra.nehra@gmail.com
5. Mobile No : 0233322206
6. Address for correspondence : Mody University
7. Educational qualification : M.Sc. NET
8. Experience in years : One year
 - i. Teaching : One year
 - ii. Research : _____
 - iii. Industry : _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 12/5/2017

Chitra
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in,

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(20th – 24th March, 2017)

Registration Form

1. Name : Dr. R. S. Chundawat
2. Designation : Asst Professor
3. Institution : MUST
4. Email : rschundawat.cash@modyuniversity.ac.in
5. Mobile No : 9829982192
6. Address for correspondence : Biosciences dept., CASH, MUST
7. Educational qualification : Ph. D.
8. Experience in years : 12 yrs
 - i. Teaching : 12 yrs
 - ii. Research : 12 yrs
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 14/3/17

Re 14/3.
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in,



FACULTY DEVELOPMENT PROGRAMME (FDP)
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(20th – 24th March, 2017)

Registration Form

1. Name : B.S. Rathore
2. Designation : Associate Professor
3. Institution : MUST, Rajasthan
4. Email : bsrathore.cobmac@modyuniversity.ac.in
5. Mobile No : 9413043349
6. Address for correspondence : Cobmac dept, MUST
7. Educational qualification : Ph.D.
8. Experience in years : 15 yrs
 - i. Teaching : 15 yrs
 - ii. Research : 15 yrs
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

10/3/2017

Signature of the Applicant

B.S. Rathore
10/3

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in.

B



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Dr. Sarita Khaturiya
2. Designation : Assist. Professor
3. Institution : MUST
4. Email : saritakhaturiya.cash@modyuniversity.ac.in
5. Mobile No : 7737075719
6. Address for correspondence : Chemistry dept., MUST.
7. Educational qualification : Ph.D.
8. Experience in years : 10 yrs.
 - i. Teaching : 10 yrs.
 - ii. Research : 10 yrs.
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 15/3/17.

Sarita
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in,

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

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|-------------------------------|---|--|
| 1. Name | : | <u>Ms. Reema</u> |
| 2. Designation | : | <u>A Research Scholar</u> |
| 3. Institution | : | <u>MUST</u> |
| 4. Email | : | <u>reemaningthoujam2013@gmail.com</u> |
| 5. Mobile No | : | <u>8794279352</u> |
| 6. Address for correspondence | : | <u>Research lab, Biosciences, CASH</u> |
| 7. Educational qualification | : | <u>M.Sc scholar</u> |
| 8. Experience in years | : | <u>—</u> |
| i. Teaching | : | <u>—</u> |
| ii. Research | : | <u>—</u> |
| iii. Industry | : | <u>—</u> |

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 10/3/2017

Reema
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in

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FACULTY DEVELOPMENT PROGRAMME (FDP)
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(20th – 24th March, 2017)

Registration Form

1. Name : Dr. Navneet Jashi
2. Designation : Assistant Prof.
3. Institution : MUST
4. Email : njashi.cash@modyuniversity.ac.in
5. Mobile No : 9982776102
6. Address for correspondence : Biosciences, MUST, CASH.
7. Educational qualification : Ph.D.
8. Experience in years : 10 yrs
 - i. Teaching : 10 yrs.
 - ii. Research : 10 yrs.
 - iii. Industry :

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

13/5/17.

Navneet
13/5/17
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in.



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
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(20th – 24th March, 2017)

Registration Form

1. Name : Ms. Sanku Chundawat
2. Designation : A.P.
3. Institution : Goenka Institute
4. Email : schundawat@gmail.com
5. Mobile No : 9829982193
6. Address for correspondence : Ganga Colony, Laxmangarh
7. Educational qualification : Ph.D.
8. Experience in years : 5 yrs
 - i. Teaching : 5 yrs
 - ii. Research : 5 yrs
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 10/3/2017

Sanku
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in

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FACULTY DEVELOPMENT PROGRAMME (FDP)
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(20th – 24th March, 2017)

Registration Form

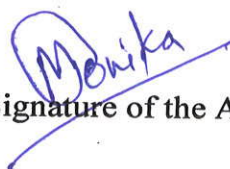
1. Name : Ms. Monika Sharma
2. Designation : Research Scholar
3. Institution : Mody University
4. Email : sharmamonika55@gmail.com
5. Mobile No : 9785305188
6. Address for correspondence : Research lab, Biosciences, CASH,
7. Educational qualification : M.Sc
8. Experience in years : —
 - i. Teaching : —
 - ii. Research : —
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

12/3/2017


Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Dr. Narendra Kumar
2. Designation : Asst. Prof.
3. Institution : MOST
4. Email : nkumar.cash@modyuni.ac.in
5. Mobile No : 94138 57182
6. Address for correspondence : Physics deptt., CASH, MOST.
7. Educational qualification : Ph. D.
8. Experience in years : 15 yrs.
 - i. Teaching : 15 yrs
 - ii. Research : 15 yrs.
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

15/3/2017

N. Kumar
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuni.ac.in,

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Rakesh Kumar Verma
2. Designation : Research scholar (phd)
3. Institution : Mody University
4. Email : rkwat4@gmail.com
5. Mobile No : 9705523573
6. Address for correspondence : Dept of Biosciences, CASH, Mody University
7. Educational qualification : B.Sc. Ph.D.
8. Experience in years : one year
 - i. Teaching : one year
 - ii. Research : —
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 13/5/2017


Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in,





FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Dr. Jitendra Binwal.
2. Designation : Associate Prof.
3. Institution : MUST.
4. Email : jitenrabinwal.slas@modyuniversity.ac.in
5. Mobile No : 8854090021
6. Address for correspondence : Maths deptt, CASH, MUST
7. Educational qualification : Ph.D.
8. Experience in years : 12 yrs.
 - i. Teaching : 12 yrs.
 - ii. Research : 12 yrs.
 - iii. Industry : _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 14/3/17

J. Binwal
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in,

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Dr. S. S. Chauhan
2. Designation : Assist. Prof.
3. Institution : MUST
4. Email : sschauhan.slas@modyuniversity.ac.in
5. Mobile No : 9461948882
6. Address for correspondence : Chemistry Deptt, CASH, MUST
7. Educational qualification : Ph.D.
8. Experience in years : 13 yrs
 - i. Teaching : 13 yrs.
 - ii. Research : 13 yrs.
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

15/3/2017

S S Chauhan
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Dr. Manish Didwania
2. Designation : Associate Prof.
3. Institution : MUST
4. Email : manish.didwania.cobmac@modyuniversity.ac.
5. Mobile No : 9413857551
6. Address for correspondence : COBMAC, Mody university.
7. Educational qualification : Ph.D.
8. Experience in years : 16 yrs.
 - i. Teaching : 16 yrs.
 - ii. Research : 16 yrs.
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date: 15/3/2017


Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in





FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

1. Name : Ms. Sheetal Trikha
2. Designation : Research Scholar
3. Institution : MUST
4. Email : sheetal2013@rediffmail.com
5. Mobile No : 9988438286
6. Address for correspondence : Research lab, Biosciences, MUST.
7. Educational qualification : M.Sc.
8. Experience in years : —
 - i. Teaching : —
 - ii. Research : —
 - iii. Industry : —

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

15/3/2017

S. Trikha
15/3/2017
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in

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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
RECENT TRENDS TRANSFORMING LIFE SCIENCES

(20th – 24th March, 2017)

Registration Form

- | | | |
|-------------------------------|---|---|
| 1. Name | : | <u>Ms. Ritu Saharan.</u> |
| 2. Designation | : | <u>Research Scholar</u> |
| 3. Institution | : | <u>MUST.</u> |
| 4. Email | : | <u>ritusaharan2010@gmail.com</u> |
| 5. Mobile No | : | <u>9982837618</u> |
| 6. Address for correspondence | : | <u>Research lab, Biosciences, CASH.</u> |
| 7. Educational qualification | : | <u>M.Sc.</u> |
| 8. Experience in years | : | <u>—</u> |
| i. Teaching | : | <u>—</u> |
| ii. Research | : | <u>—</u> |
| iii. Industry | : | <u>—</u> |

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

15/3/2017

Ritu
Signature of the Applicant

For further enquiries please contact:
hkdhingra.cash@modyuniversity.ac.in.

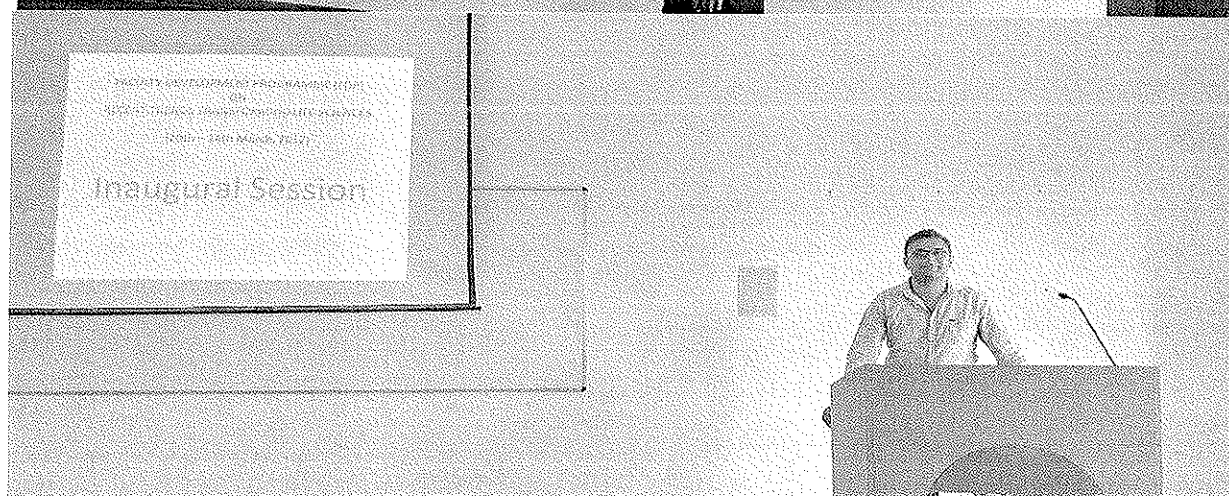
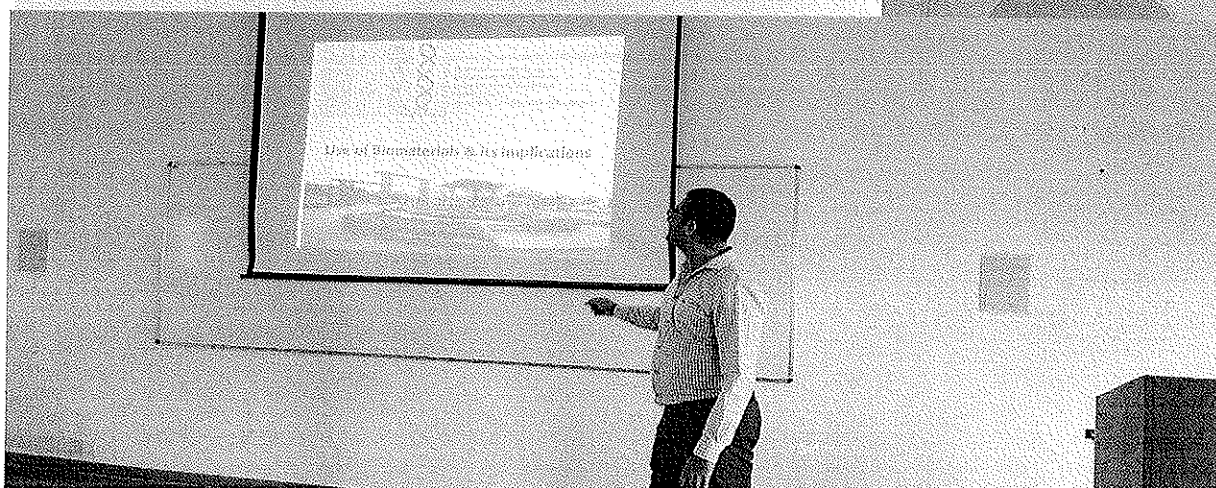
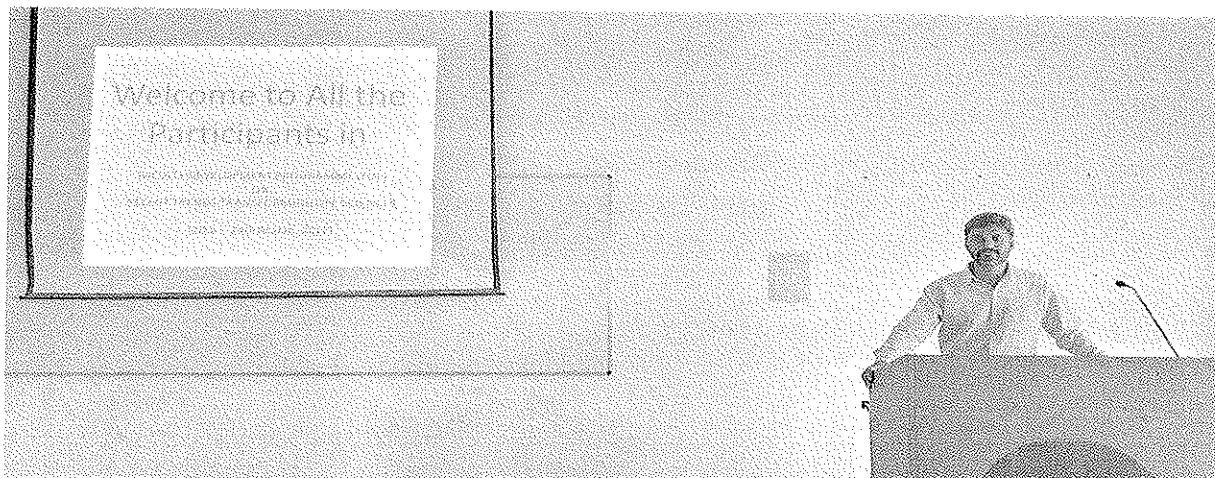
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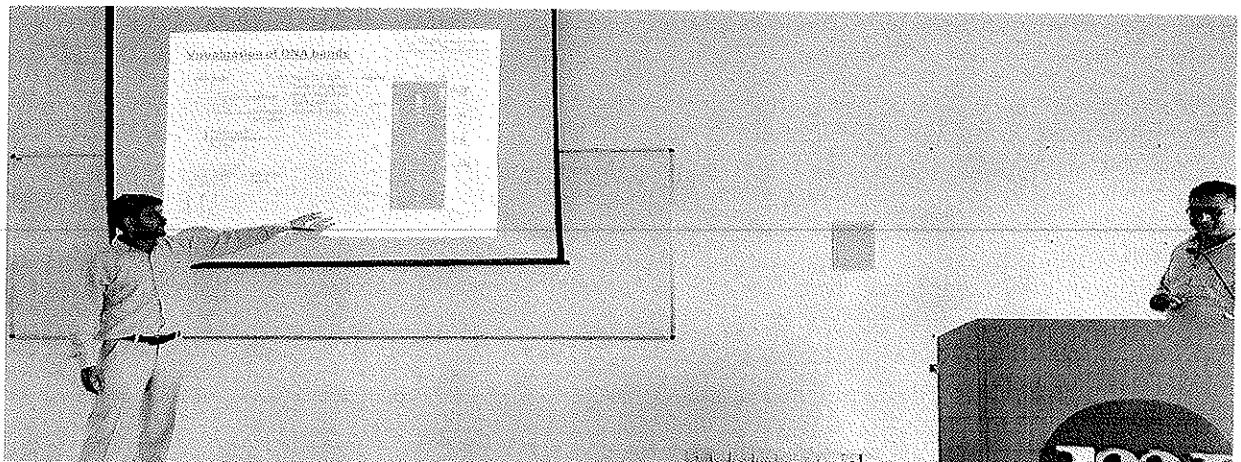
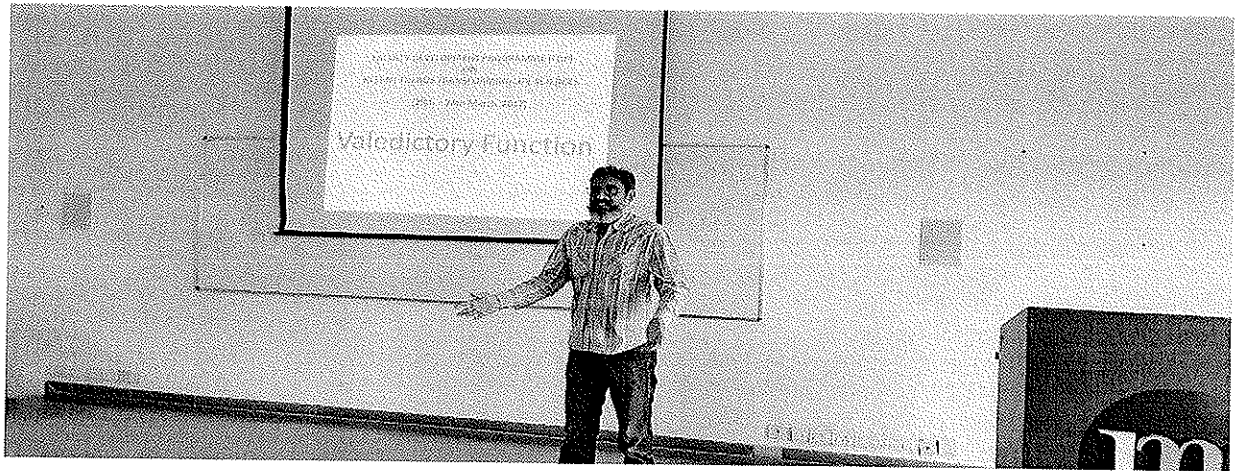
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Recent trends transforming life sciences

(20th – 24th March, 2017)



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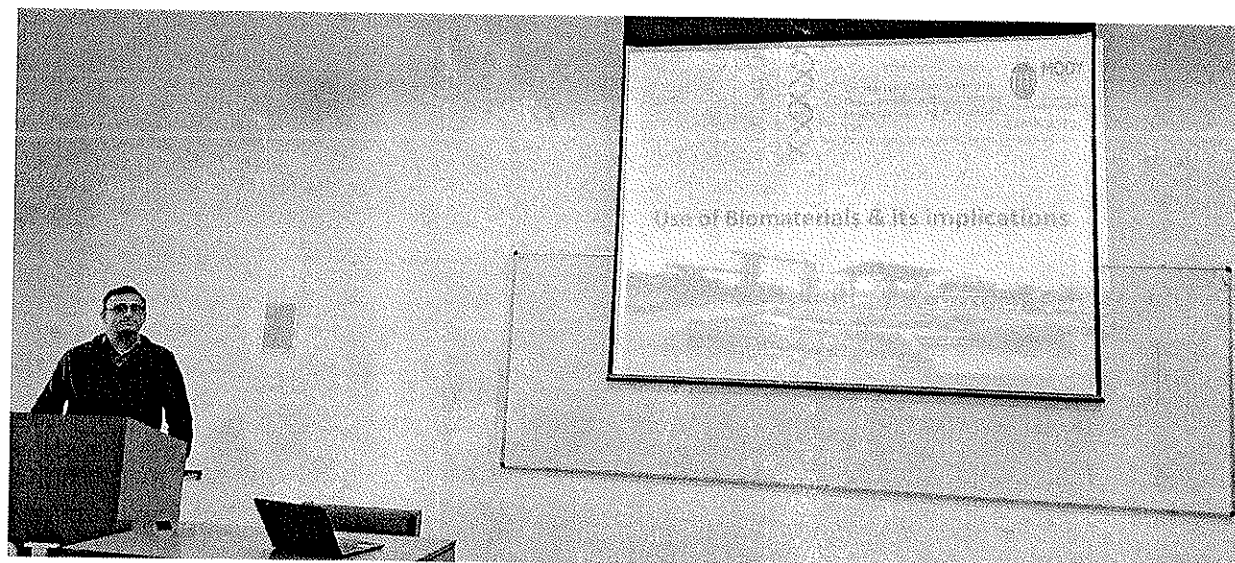


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**RECENT TRENDS TRANSFORMING
LIFE SCIENCES**

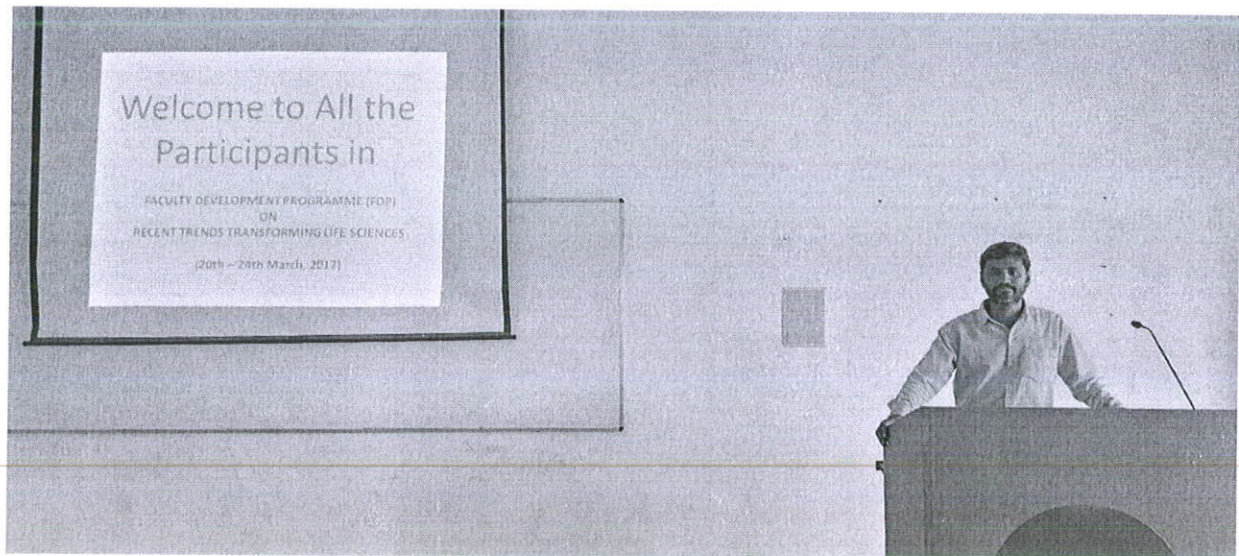
(20th – 24th March, 2017)

Organized by

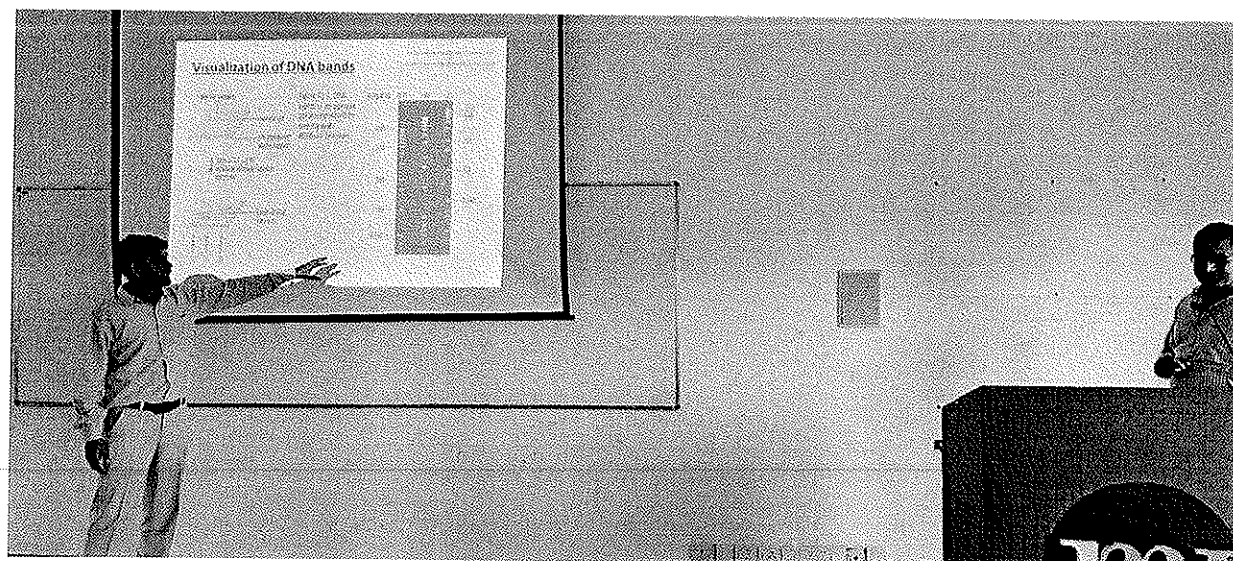
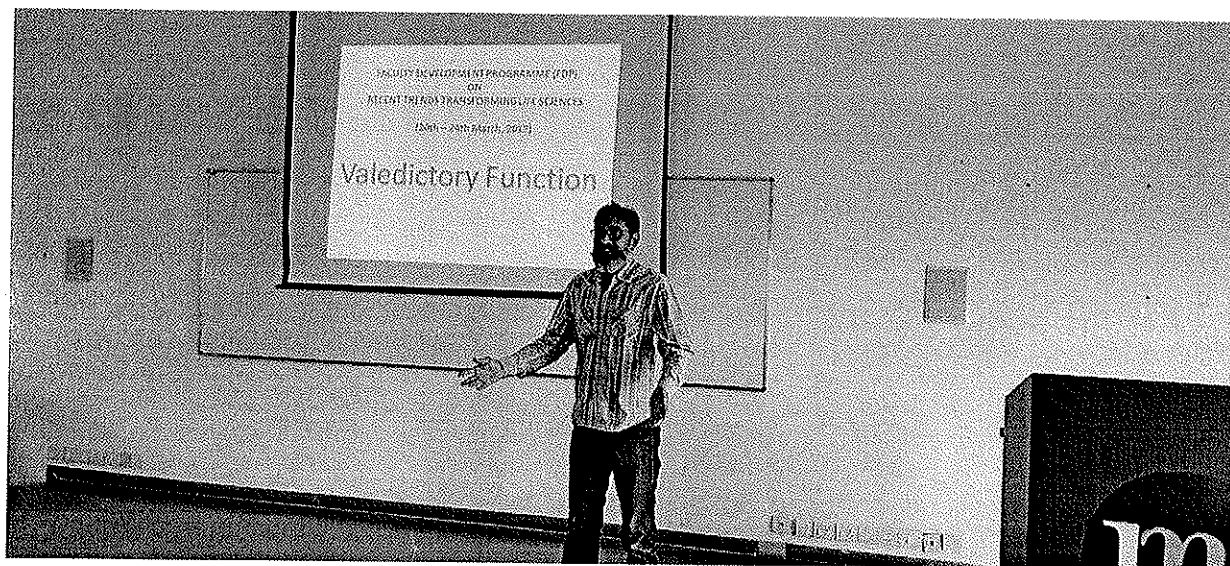
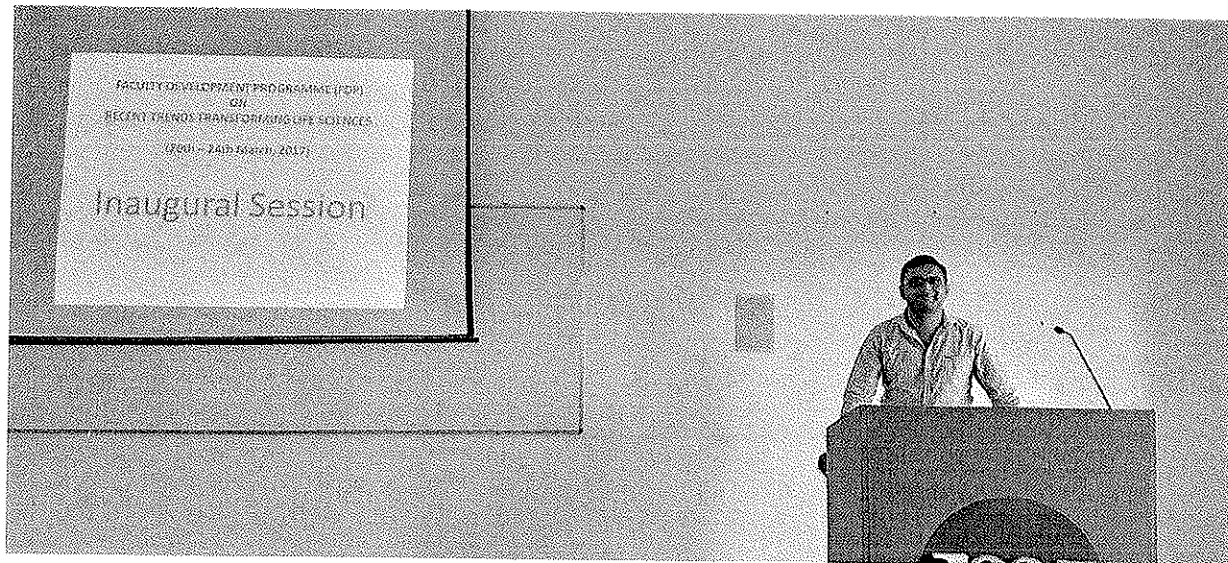
Department of Biosciences, College of Arts, Science and Humanities
(CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311



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FACULTY DEVELOPMENT PROGRAMME (FDP)
on

RECENT TRENDS TRANSFORMING LIFE SCIENCES

Organized
by

Department of Biosciences, College of Arts, Sciences and Humanities,
Mody University of Science and Technology

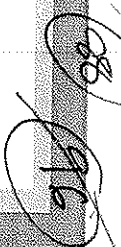
This is to certify that Mr./ Ms./ **Dr.**.....
from.....has participated in the Faculty Development Programme
on Recent Trends Transforming Life Sciences held on 20th to 24th March, 2017.

Convener
Prof. Amit Mukherjee Dr. K. L. Ameta

Co-Convener
Dr. Harish Kumar Dhingra

Coordinator

(Date: 24th March, 2017)



89 97

Date 19 November, 2016

The Dean
CASH
MUST
Lakshmangarh

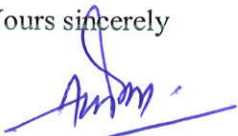
Subject: Application for the approval of conducting FDP.

Dear Sir,

Department of Chemistry has planned a 5 days Faculty Development Program (FDP) entitled "Nanoscience & Nanotechnology: Challenges and Opportunities" which is a 5 days activity proposed to be conducted during 21 – 25 November, 2016. It will be a national level activity to brush up the recent development in research in the science and technology. This will also enhance the opportunity to learn about industrial applications of new trend in research and the way of technology transfer.

We sincerely thank you for your usual cooperation.

Yours sincerely


Yours sincerely
Dr. Amlan Kumar Das
Convener
Professor
Deptt. of Chemistry,
MUST, Lakshmangarh



all
Approved.
Jaigdish Raituthan

Proposal
for
Faculty Development Program (FDP)

1. Title of FDP: "Nanoscience & Nanotechnology: Challenges and Opportunities"
2. Tenure: 5 days activity from September, 21 – 25 November, 2016
3. Organizing Department: Department of Chemistry
4. Convener: Dr. Amlan Kumar Das

Department of Chemistry, CASH
Mody University of Science and Technology
Lakshmangarh

5. Brief Description of activity:

There will be two lectures in a day each of two hour duration. Total 12 lectures will be conducted in the program along with inaugural and valedictory sessions. We are planning to arrange 5/6 resource persons from the research organizations and universities of international repute. The experts will be from all the major divisions of sciences and engineering. The prime objective will be to strengthen research in basic science, explore the applications of fundamental research and technology transfer to industry. The lodging and boarding of resource persons may be arranged in the university mess, vacant faculty cottages of our organization respectively.

6. Participants:

As the activity of research nature, therefore participants may be teaching faculty of university/ degree colleges/Research Scholars/Research Associates/Scientific Officers etc. A few M.Sc. final students may all also be accommodated in the participants, depends on response from teaching fraternity. Program is planned to accommodate 50 participants in the FDP. Approximately 50 percent participants will be from the nearby organizations.

7. Registration in FDP:

Participants can register by filling a form along with an ID of present organization. A google form will be generated to collect and process the information of participants. No participation fee will be charged from the participants. The female participants may be accommodated in the available vacant rooms of the hostel. Attendance in all the sessions will be mandatory for the participants. After successful completion of FDP, feedback will be collected from all the participants. An E-certificate will be provided to all the participants after successful completion of FDP.

8. Announcement:

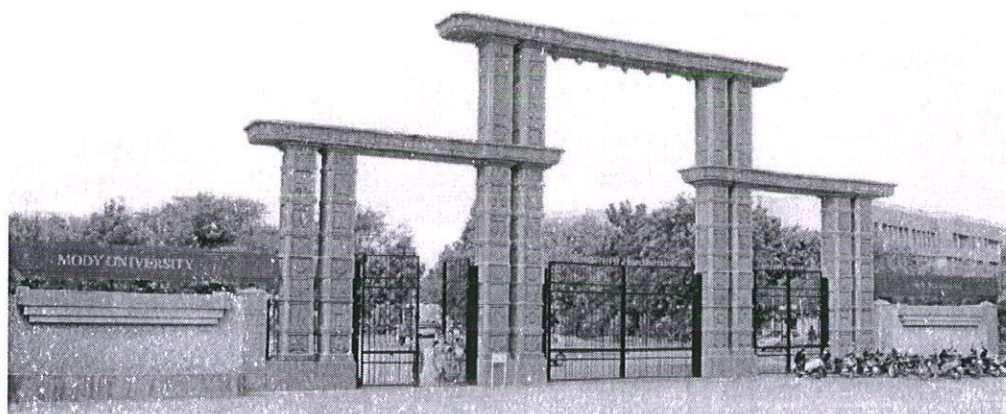
An e-copy of the announcement all the relevant details of FDP will be prepared and circulated through electronic media such as e-mail, whatsapp group of learned ones, social networking sites etc.

Yours sincerely 
Dr. Amlan Kumar Das
Convener
Professor
Deptt. of Chemistry,
MUST, Lakshmangarh



**‘Five days Faculty development programme’
on
“Nanoscience & Nanotechnology: Challenges and Opportunities”**

21 – 25 November, 2016



**Organized
by
Department of Chemistry
College of Arts, Science and Humanities
Mody University of Science and Technology
(Formerly Mody Institute of Technology and Science)
Lakshmangarh, Sikar, Rajasthan-332 311**

Preface:

Mody University of Science and Technology, (Formerly Mody Institute of Technology and Science, established by the Rajasthan state legislature and covered u/s 2(f) of the UGC act, 1956). The Mody University of Science and Technology was established in the year 1998 by Shri. R.P.Mody is a true visionary who took an idea ahead of his time and founded Mody University exclusively for girls. Far away from the city-pollution, the campus of the institute offers one of the most eco-friendly sites with a peaceful environment to study & reside in. It is situated within 140 km drive on the Jaipur-Bikaner highway (NH-11) from Jaipur takes you to the magnificent campus of the institute. The Mody University of Science and Technology has a campus that is aesthetically designed and marked with 69 state-of-the-art buildings with a built-up area of more than one lakh square meters and 10kms of internal campus roads including huge academic and other buildings, hostels with spacious corridors, big terraces and luxurious rooms brushed with the fragrance of lush green gardens with sprawling lawns harbouring delightful trees and forming a picturesque setting. Its rural location is quiet and peaceful, indeed ideal for academic pursuits, close to the nature in its totally pollution-free environment and far away from the hustle-n-bustle of city pollution.

Mody University of Science and Technology, adorned with greenery, is the perfect fusion of education, beauty and nature. At the lush green 265 acres campus in Lakshmangarh, Rajasthan, and the 'tranquil' ambiance, the university will soon have the best auditoriums in Rajasthan. The 50-crore auditorium complex will include a state-of-the-art main auditorium, a mini auditorium, and a multi-cuisine cafeteria.

Objective of the FDP: Five days faculty development programme is an important segment of the scientific activities. The FDP is intended to benefit teachers at the undergraduate, graduate, postgraduate and research levels. The FDP has been designed to have useful relevance to the curriculum covered in the post graduate, graduate and under-graduate programmes and will also cover some topics at the research level.

Topics to be covered:

- Basic Concepts of Nanoscience & Technology
- Biosensors and microfluidics
- Nanobiotechnology and Nanomedicine
- Nanomaterials in Energy Health and Environmental Applications
- Magnetic nanoparticles and its applications



Invited Speakers/Resource Persons:

1. Prof. A. K. Ganguli, FASc, FNASc, Director, Institute of Nano Science and Technology, Mohali
2. Prof. Neeraj Khare, FNASc, Department of Physics, IIT Delhi
3. Prof P.Pramanik, Dept. of Chemistry, Nanomaterials Laboratory, IIT, Kharagpur
4. Dr. Shantanu Bhattacharya, Department of Mechanical Engineering, IIT Kanpur
5. Dr. Priyanka, Scientist C, Institute of Nano Science & Technology, Mohali

Important dates:

Last date for submission of Application: 18/11/2016

Duration : 21 – 25 November, 2016

How to Apply: University/College teachers at the undergraduate, graduate, post graduate & research level are requested to apply for participation by sending an application mentioning educational qualifications, address of communication, mobile number & e-mail address to the FDP coordinator by post/e-mail on or before **18th November, 2016.**

Convener
Prof. Amlan Kumar Das 
Department of Chemistry
College of Arts, Science and Humanities
Mody University of Science and Technology
(Formerly Mody Institute of Technology and Science)
Lakshmangarh, Sikar, Rajasthan-332 311
E-mail: amlan_snigdha@yahoo.com
Mobile: 8233315441

Organizing Committee and Resource Person

FACULTY DEVELOPMENT PROGRAMME (FDP)



ON

Nanoscience & Nanotechnology: Challenges and Opportunities

(21-25 Nov. 2016)

Convener : Prof. Amlan Kumar Das

Coordinator : Dr. H. Sachdeva
: Dr. S. Khaturia

S. No	Name of Resource Person	Affiliation	Date/Time and Topic of the Talk
1	Professor Ashok K Ganguli FASc, FNASc	Director Institute of Nano Science & Technology Habitat Centre, Phase- X, Sector - 64, Mohali, Chandigarh Punjab - 160062, INDIA Tel : 0172-2210073 FAX : 0172-2211074 E-mail: ashok@chemistry.iitd.ac.in , ashokganguli@rediffmail.com , director@inst.ac.in	21 November 2016 (10:00-12:00) "Nanotechnology in nature and for the future" Part-1 12:00-1:00 Interaction 21 November 2016 (2:30-4:30) "Nanotechnology in nature and for the future" Part-2
2	Prof. Neeraj Khare, FNASc	Professor, Physics Department Indian Institute of Technology Delhi Hauz Khas, New Delhi-110016 Phone:91-11-2659 1352(O) Mobile : 9811110334 E-mail: nkhare@physics.iitd.ernet.in	22 November 2016 (10:00-12:00) "Nano Structured Magnetic Materials and its Applications- Part I" 12:00-1:00 Interaction 22 November 2016

			(2:30-4:30) “Nano Structured Magnetic Materials and its Applications- Part II”
3	Prof P.Pramanik	Nanomaterials Laboratory Department of Chemistry Indian Institute of Technology, Kharagpur 721302 , INDIA Mobile - + 91 9434016995, +91 8001625360 E-mail: pramanik@chem.iitkgp.ernet.in	23 November 2016 (10:00-12:00) “Promise of Nano-Science and Nano-Technology in India” 23 November 2016 (2:30-4:30) “Nano medicine and its importance”
4	Dr. Shantanu Bhattacharya	Associate Professor Department of Mechanical Engineering IIT Kanpur Mobile: 09956477535 E-mail: bhattacs@iitk.ac.in	24 November 2016 (10:00-12:00) “Bio-MEMS, Bio nanotechnology and microfluidics for clinical detection and sensing” 12:00-1:00 Interaction 24 November 2016 (2:00-4:30) “Fabrication of Biomedical Microdevices”
5	Dr. Priyanka	Scientist C, Institute of Nano Science & Technology Habitat Centre, Phase- X, Sector - 64, Mohali, Chandigarh Punjab - 160062, INDIA Tel: 0172 - 2210075 Email: priyanka@inst.ac.in	25 November 2016 (10:00-11:00) “Nanobiotechnology Perspectives from Proteins to Nanodevices” 25 November 2016 (11:00-12:00) “Biosensors for quality life: Design, development and applications”
6	Dr. Harlal Singh	Associate Professor, MUST Email: hlsingh.fet@modyuniversity.ac.in	25 November 2016 (12:00-12:45) Preparation and characterization of Inorganic Nanomaterials
7	Dr. K. L.	Associate Professor,	25 November 2016

	Ameta	MUST klameta.cash@modyuniversity.ac.in	(12:45-1:30) Synthesis of nanoparticles and its applications
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List of Committee

Organizing Committee:

1. Prof. J. R. Luthra, Dean, CASH
2. Prof. Amit Mukherjee, Head, Deptt. of Chem., CASH
3. Prof. Amlan Kumar Das, Convener, FDP

Registration Committee:

1. Dr. Harlal Singh, Coordinator
2. Dr. S.S. Chouhan, Member
3. Dr. Saroj Sharma, Member
4. Mr. Vikram Pareek, Member

Inaugural Session Committee:

1. Dr. Harshita Sachdeva, Coordinator
2. Dr. Sangeeta Jhaharia, Member
3. Dr. Sarita Khutaria, Member
4. Dr. Ashni Kelkar, Member
5. Mr. Ramesh Kumar, (Technical Staff), Member

Technical Committee:

1. Dr. P P Paltani, Coordinator
2. Dr. Kushal Qanungo, Member
3. Mr. Santosh Sharma, (Technical Staff), Member
4. Mr. Vijayendra Singh, (Technical Staff), Member

Valedictory /Certificate Committee:

1. Dr. Rakhee Choudhury, Coordinator
2. Ms. Lalita Sejwani
3. Ms. Anshu Gupta
4. Ms. Shruti Suman

4. List of Participants

S. No.	Name & Address	Email and Phone number
1.	Dr. Saurabh Dave Assistant Professor Dept of Chemistry, JECRC University, Jaipur	Saurabh.chem76@gmail.com 9414605268
2.	Dr. NIDHI BANSAL Assistant Professor Dept of Chemistry, JECRC University, Jaipur	nidhichem77@gmail.com 9460145582
3.	Dr Ashok Kumar Chauhan Dept. of Chemistry, S.K.Govt. College, Sikar (Rajasthan)	dr.ashok.k.chauhan@gmail.com 9414664583
4.	Dr. Rajendra Kumar Dept. of Chemistry, S.K.Govt. College, Sikar (Rajasthan)	rkadhanwal1969@gmail.com 9414332435
5.	Dr. Rajiv Mathur Dept. of Chemistry, S.K.Govt. College, Sikar (Rajasthan)	rajivm_@rediffmail.com 9414741528
6.	Er. Rakesh Kumar Address: BH-2, Room No 155 Deen Bandhu Chhotu Ram University Of Science and Tech. Sonapat Haryana	rakesh056891@gmail.com 8929546311
7.	Mr. Riddha Ram Choudhary Choudhary Colony ward no.6 gandhi nagar madanganj kishangarh Ajmer (RAJ.) Pin Code-305801	Er.riddhachoudhary@gmail.com 7737628637
8.	Dr Keshav Chand Soni Department of Chemistry JECRC University, Jaipur Rajasthan, India-303905	keshav.soni@jecrcu.edu.in 8058176251
9	Mr. Pramod Kumar Gupta Maharishi Arvind Institute of Engineering & Technology(MAIET) Jaipur(Rajasthan).	erpramodgupta@rediffmail.com 09799909434
10	Dr. Manoj Mishra CASH, Mody University of Science and Technology Lakshmangarh-332311	9783060366 mmishra.cash@modyuniversity.ac.in
11	Dr. R.K.Gaur CASH, Mody University of Science and Technology Lakshmangarh-332311	9352911723 rkgaur.cash@modyuniversity.ac.in
12	Dr. S. S. Chauhan CASH, Mody University of	7427809488 sschauhan.cash@modyuniversity.ac.in

	Science and Technology Lakshmangarh-332311	
13	Dr. R.R.Dangi CASH, Mody University of Science and Technology Lakshmangarh-332311	9414324925 rrdangi.cash@modyuniversity.ac.in
14.	Dr. Arvind Maharishi CASH, Mody University of Science and Technology Lakshmangarh-332311	9414399842 amaharishi.cash@modyuniversity.ac.in
15.	Dr. Rakhee Choudhary CASH, Mody University of Science and Technology Lakshmangarh-332311	9414209998 rchoudhary.cash@modyuniversity.ac.in
16	Dr. B .R. Singh CASH, Mody University of Science and Technology Lakshmangarh-332311	9983198078 brsingh.cash@modyuniversity.ac.in
17	Dr. K. P. Sharma CASH, Mody University of Science and Technology Lakshmangarh-332311	9829659294 kpsharma.cash@modyuniversity.ac.in
18	Dr. R.S.Chundawat CASH, Mody University of Science and Technology Lakshmangarh-332311	9829982192 kpsharma.cash@modyuniversity.ac.in
19	Dr. Navneet Joshi CASH, Mody University of Science and Technology Lakshmangarh-332311	9982776102 njoshi.cash@modyuniversity.ac.in
20	Dr. J. Binwal CASH, Mody University of Science and Technology Lakshmangarh-332311	8854090021 jbinwal.cash@modyuniversity.ac.in
21	Dr. Ashwini Kelkar CASH, Mody University of Science and Technology Lakshmangarh-332311	9587183704 akelkar.cash@modyuniversity.ac.in



5. Detail Schedule 21-25 November 2016 (Day wise) of FDP

Inauguration Ceremony
Date: 21st November, 2016
(Registration- 8:30-9:00)

Time: 9:00

Invocation

Lighting of Diya by Dignitaries

Presentation of bouquet by Convener to the dignitaries.

9:10-9:30 Welcome Speech by Dr. J.R.Luthra, Convener

9:30-9:55 Speech by Prof. Ashok Kumar Ganguli, guest of honour

9:45-10:00 Vote of Thanks: Dr. Amlan Kumar Das, Convener

Group Photographs in front of GVC
High Tea at sports arena

Technical Programme

Venue: Room No: 07, GVC, MUST

Date: 21-25 November, 2016

Day-1: 21 November

Lecture- I – 10:00-12:00 Prof. Ashok Kumar Ganguli: “Nanotechnology in nature and for the future” part-1

12:00-1:00 Interaction

Lunch: 1:30-2:30

Lecture-II- 2:30-4:30 Prof. Ashok Kumar Ganguli: “Nanotechnology in nature and for the future” part-2

Day -2: 22 November

Lecture- I – 10:00-12:00 “Nano Structured Magnetic Materials and its Applications- Part I”

12:00-1:00 Interaction

Lunch: 1:30-2:30

Lecture-II- 2:30-4:30 “Nano Structured Magnetic Materials and its Applications- Part II”

Day -2: 22 November

Lecture- I – 10:00-12:00 Prof. Neeraj Khare “Nano Structured Magnetic Materials and its Applications- Part I”

12:00-1:00 Interaction

Lunch: 1:30-2:30

Lecture-II- 2:30-4:30 Prof. Neeraj Khare “Nano Structured Magnetic Materials and its Applications- Part II”

Day-3: 23 November

Lecture- I – 10:00-12:00 Prof. Panchanan Pramanik: “Promise of Nano-Science and Nano-Technology in India”

12:00-1:00 Interaction

Lunch: 1:30-2:30

Lecture-II- 2:30-4:30 Prof. Panchanan Pramanik: “Nano medicine and its’ importance”

Day-4: 24 November

Lecture- I – 10:00-12:00 Dr. Shantanu Bhattacharya “Bio-MEMS, Bio nanotechnology and microfluidics for clinical detection and sensing”

12:00-1:00 Interaction

Lunch: 1:30-2:30

Lecture-II- 2:30-4:30 Dr. Shantanu Bhattacharya: “Fabrication of Biomedical Microdevices

Day-5: 25 November

Lecture- I – 10:00-12:00 Dr. Priyanka INST, Mohali: “Nanobiotechnology Perspectives from Proteins to Nanodevices”

Lecture-II- 12:00-12:45 Dr. H.L.Singh Preparation and characterization of Inorganic Nanomaterials

Lecture-III- 12:45-1:30 Dr. K.L.Ameta: Synthesis of nanoparticles and its applications

Lunch: 1:30-2:30

Lecture-IV- 2:30-4:30

Dr. Priyanka: "Biosensors for quality life: Design, development and applications"

Tea break- 4:30-5:00

**Valedictory Session
(5:00-5:30)**

Distribution of Certificates among the Resource persons and participants by Convenor & Coordinator

Vote of Thanks- Prof. Amlan Kumar Das, Convener





**Mody University of Science and Technology
FACULTY DEVELOPMENT PROGRAMME (FDP)
ON**

**Nanoscience & Nanotechnology: Challenges and Opportunities
(21-25 November, 2016)**

Registration Form

1. Name _____
2. Designation _____
3. Institution _____
4. Email : _____
5. Mobile No _____
6. Address for correspondence _____
7. Educational qualification _____
8. Experience in years _____
 - i. Teaching _____
 - ii. Research _____
 - iii. Industry _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

Signature of the Applicant

For further enquiries please contact:

akdas.cash@modyuniversity.ac.in
skhaturia.cash@modyuniversity.ac.in

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Established u/s 2(f) of the UGC Act, 1956)

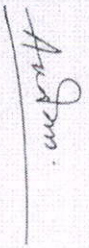
College of Arts, Science and Humanities

Faculty Development Programme

Nanoscience & Nanotechnology: Challenges and Opportunities

Department of Chemistry, College of Arts, Science and Humanities

This is to certify that **Dr. H. L. Singh** of Mody University of Science and Technology has delivered invited talk on Preparation and characterization of Inorganic Nanomaterials in the five days faculty development programme on **Nanoscience & Nanotechnology: Challenges and Opportunities** held during **21-25 November, 2016**.


Prof. (Dr.) Amlan Kumar Das
Convener, Deptt. of Chemistry
MUST, Lakshmangarh


Dr. Amit Mukherjee
Prof. and Head, Deptt. of Chemistry
MUST, Lakshmangarh


Prof. (Dr.) Jagdish Rai Luthra
Dean, CASH
MUST, Lakshmangarh

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

College of Arts, Science and Humanities

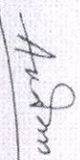
Faculty Development Programme

Nanoscience & Nanotechnology: Challenges and Opportunities

Department of Chemistry, College of Arts, Science and Humanities

Organized
by

This is to certify that **Dr. Navneet Joshi** of Mody University of Science and Technology has participated in the five days faculty development programme on **Nanoscience & Nanotechnology: Challenges and Opportunities** held during **21-25 November, 2016**.



Prof. (Dr.) Amlan Kumar Das
Convener, Deptt. of Chemistry
MUST, Lakshmangarh



Dr. Amit Mukherjee
Prof. and Head, Deptt. of Chemistry
MUST, Lakshmangarh



Prof. (Dr.) Jagdish Rai Luthra
Dean, CASH
MUST, Lakshmangarh





MODY
UNIVERSITY
WISDOM • KNOWLEDGE • INNOVATION

Five days Faculty development programme'
on
Nanoscience & Nanotechnology: Challenges and Opportunities"
21 – 25 November, 2016

Inauguration Ceremony

Date: 21st November, 2016

(Registration- 8:30-9:00)

Time: 9:00

Invocation

Lighting of Diya by Dignitaries

Presentation of bouquet by Convener to the dignitaries.



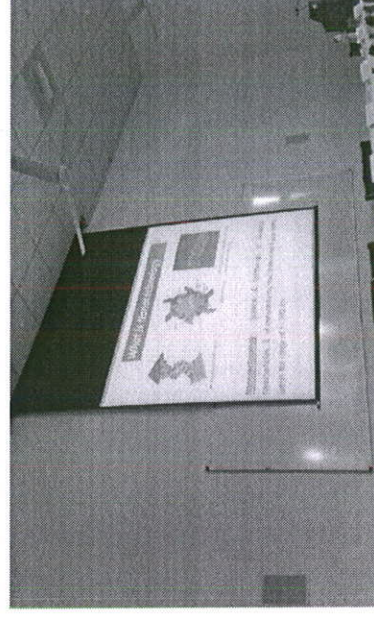
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Five days Faculty development programme'
on
Nanoscience & Nanotechnology: Challenges and Opportunities"
21 – 25 November, 2016

Invited Speakers/Resource Persons:

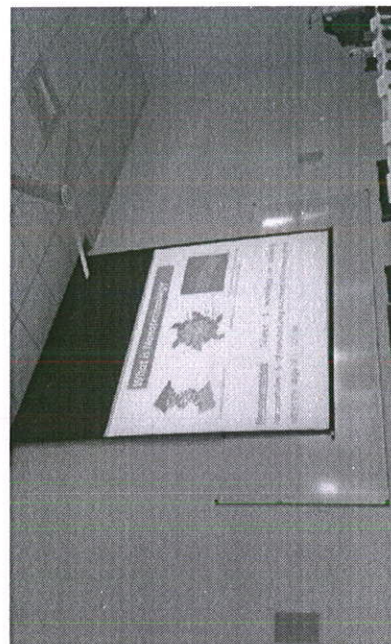
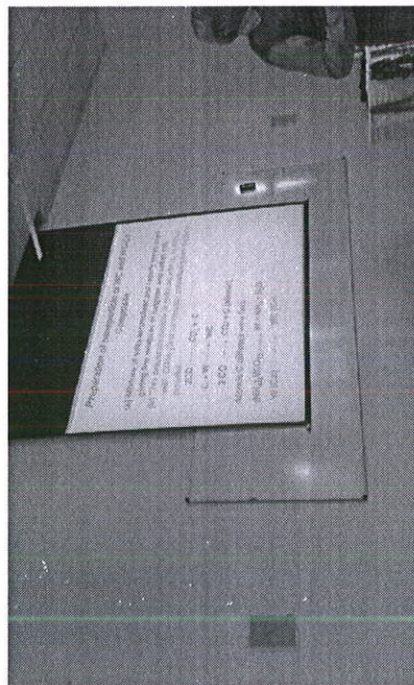
- Prof. A. K. Ganguli, FASc, FNASc , Director, Institute of Nano Science and Technology, Mohali
- Prof. Neeraj Khare, FNASc, Department of Physics, IIT Delhi
- Prof P.Pramanik, Dept. of Chemistry, Nanomaterials Laboratory, IIT, Kharagpur
- Dr. Shantanu Bhattacharya, Department of Mechanical Engineering, IIT Kanpur
- Dr. Priyanka, Scientist C , Institute of Nano Science & Technology, Mohali



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Five days Faculty development programme'
on
Nanoscience & Nanotechnology: Challenges and Opportunities"
21 – 25 November, 2016

Technical Session



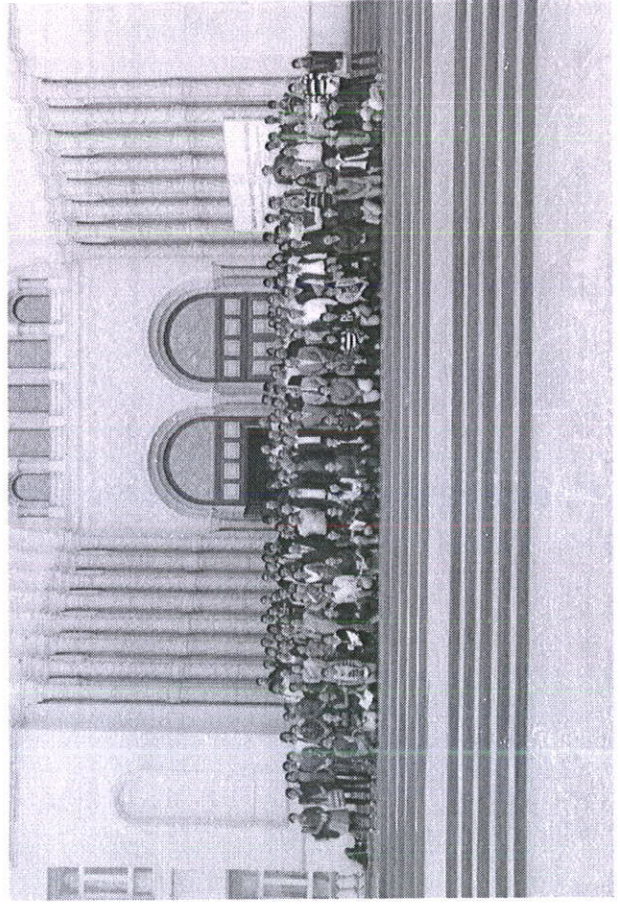
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Five days Faculty development programme'
on
Nanoscience & Nanotechnology: Challenges and Opportunities"
21 – 25 November, 2016

Valedictory Session
(5:00-5:30)

Distribution of Certificates among the Resource persons and participants by Convenor & Coordinator
Vote of Thanks- Prof. Amlan Kumar Das, Convener



Amlan

**DISCUSSION
ON
Five days Faculty development programme
“Nanoscience & Nanotechnology: Challenges and Opportunities”**

**Organized on
21 – 25 November, 2016**

Mody University of Science and Technology (MUST), Department of Chemistry organized Five days Faculty development programme' on 21 – 25 November, 2016 in Room No: 07, GVC. This FDP focused on Basic Concepts of Nanoscience & Technology, Biosensors and microfluidics, Nanobiotechnology and Nanomedicine, Nanomaterials in Energy Health and Environmental Applications, Magnetic nanoparticles and its applications. The programme started at 10:30 am with the welcome address by Dr. Harshita Sachdeva. The dignitaries on the dias were Chief Guest Prof. A. K. Ganguli, FASc, FNASc , Director, Institute of Nano Science and Technology, Mohali. Prof.(Dr.) Jagdish Rai Luthra Dean CASH, MUST, Dr. A. K. Mukherjee, Head, Department of Chemistry, MUST. Opening remarks and introduction of the programme was given by Prof. Amlan Kumar Das, coordinator of the event. The University authorities were also available during the inaugural session of the event. Chief Guest talked about the major challenges and opportunities related to Nanoscience & Nanotechnology. The FDP included activities such as 12 lecture presentation, faculty interaction, queries asked on nanomaterials. Such scientific activities aware and motivate the faculties to work efficiently in this field by using these techniques for Nanomaterials in Energy Health and Environmental Applications. This FDP concluded with vote of thanks by Prof. Amlan Kumar Das, coordinator of the event and prize and certificate distribution by the Chief Guest.

OUTCOME
OF THE
Five days Faculty development programme
“Nanoscience & Nanotechnology: Challenges and Opportunities”
Organized on
21 – 25 November, 2016

These five days FDP helped to stimulate thought process, arousing interest and motivating further inquiry and discussion among faculties. The FDP provided a platform for faculty members to familiar with Challenges and Opportunities in the field of Nanoscience & Nanotechnologies.

- After attending FDP, participants will enrich their teaching skill and research in the field of Nanoscience & Nanotechnologies.
- Enabled faculty members to explore various analytical instruments for testing the efficiency of nanomaterials.
- Improve one's classroom performance in latest subjects and enriching the abilities for conducting meaningful research.
- Focused on the latest technologies and systems in the field of nanotechnology, Chemistry and Physics.

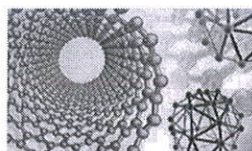


Five days Faculty development programme'

on

Nanoscience & Nanotechnology: Challenges and Opportunities

21 – 25 November, 2016



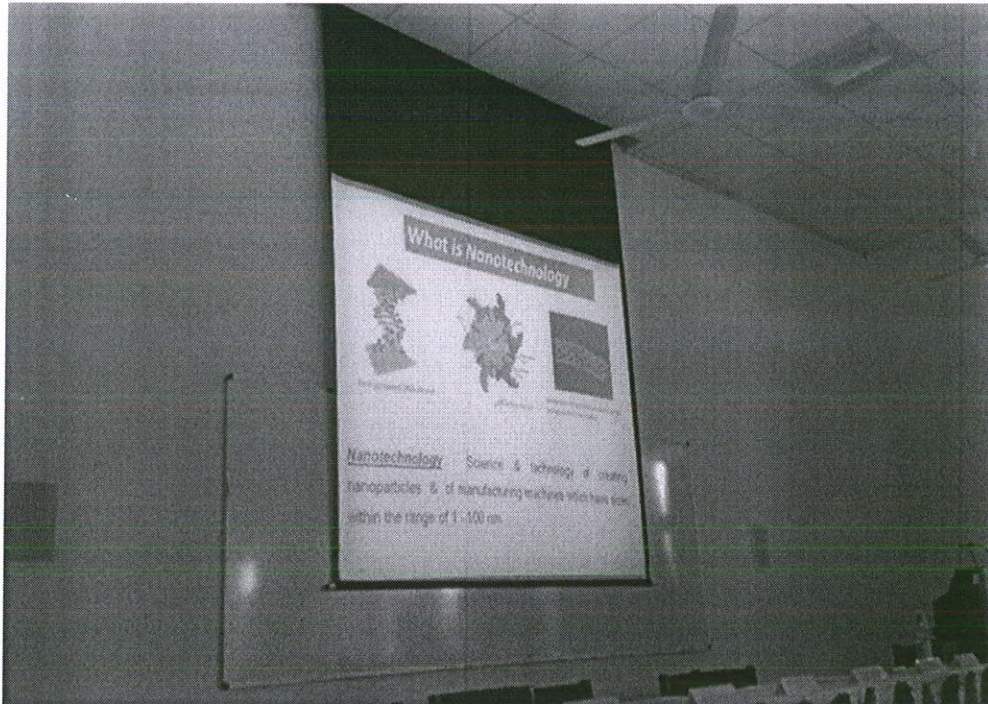
Organized

by

**Department of Chemistry, College of Arts Science and Humanities
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY**



Janitz
28/11/16



**Five days Faculty development programme'
on
Nanoscience & Nanotechnology: Challenges and
Opportunities"
21 – 25 November, 2016**



Smiley
28/11/16

College of Arts, Science and Humanities
Faculty Development Programme

on
***Nanoscience & Nanotechnology:
Challenges and Opportunities***

Organized
by

Department of Chemistry, College of Arts, Science and Humanities

This is to certify that _____ of Mody University of Science and Technology
has participated in the five days faculty development programme on **Nanoscience &
Nanotechnology: Challenges and Opportunities** held during **21-25 November, 2016.**

Prof. (Dr.) Amlan Kumar Das
Convenor, Deptt. of Chemistry
MUST, Lakshmangarh

Dr. Amit Mukherjee
Prof. and Head, Deptt. of Chemistry
MUST, Lakshmangarh

Prof. (Dr.) Jagdish Rai Luthra
Dean, CASH
MUST, Lakshmangarh

25th Nov 2016

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To

16.01.2017

HoD / Dean,

Department of Arts, College of Art, Science and Humanities (CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Subject: For conducting a five-day Faculty Development on “Recent Trends of Research and Teaching Assessment in Social Science”.

Dear Sir,

With reference to the subject, we would like to put up a proposal for five days Faculty Development Programme. The basic objective of the scheme is to bring together academicians and experts from different parts of the country and abroad to exchange knowledge and ideas. This will provide an in-depth analysis of subjects and update the knowledge of the participants from academic/research institutions.

We have already worked on the skeletal of the proposal like resource persons, venue, expenses and dates, etc. Hope to receive anticipatory response.

Thanks & Regards



Dr A S Rao

Convener

Mob: 9587063792



Dr. S. Jhajharia

Co-convener



Approved

18/1/2017



FACULTY DEVELOPMENT PROGRAMME (FDP)

ON
Recent Trends of Research and Teaching Assessment in Social
Science
(22nd – 26th March, 2017)

Organized by

Department of Arts, College of Art, Science and Humanities (CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Preamble: Mody University of Science and Technology is a state private University with the objective of encouraging and motivating the women population and to avail quality education, inclusive of teaching and research with world - class infrastructure and facilities in an IT- savvy environment. Department of Arts works with a vision to emerge as a leading centre for Undergraduate, Post-Graduate and Ph.D. program in different disciplines of social science. It aims to generate professional's skill for teaching and research.

About the FDP: This faculty development program (FDP) is devoted to address the new dimension on research systems and Teaching in the social sciences. The program will also explore the continuity and changes in social sciences with the current discourse studies. This will also focus on interdisciplinary in educational institutions and assessment exercises. This FDP is intended to connect scholars to one another and to advance their given disciplines.

Major Course Contents:

- **Research Methodology**
- **Interdisciplinary**
- **Cultural and Media Studies**
- **How to Develop Objectives & Hypothesis**
- **Training programs and Teaching practices**

Important dates:

Last date for submission of Application :22/02/2017
Programme Duration :22– 26 March, 2017



Faculty Development Programme (FDP) On
Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)

Organizing Committee

Patron : Prof J.R.Luthra
Convener : Dr. A.S.Rao
Co-convener : Dr. S. Jhajharia
Coordinators : Dr. K.S.Pareek & Dr. Priti Vyas

List of Resource Persons

Sl. No	Name	Affiliation and Address	Topic of the Talk
1	Dr. A.S.Rao	Associate Professor, CASH, Mody University Email-asrao.cash@modyuniversity.ac.in	Research Methodology: An Overview
2	Dr. R. C. Nayak	Asst. Professor, CASH, Mody University Email-rcnayak.cash@modyuniversity.ac.in	Interdisciplinarity in Research
3	Dr. SangeetaJhajharia	Asst. Professor, CASH, Mody University Email- sangeetajhajharia.cash@modyuniversity.ac.in	Strategies for Evaluating Interdisciplinary Research
4	Dr. ParulPareek	Asst. Professor, CLG, Mody University, Email- parulpareek.clg@modyuniversity.ac.in	Developing Research Objectives & Hypothesis
5	Dr. Ravi Shankar	Researcher Scholar, JNU, New Delhi Email-ravi100@googlemail.com	Discourse of social science: Continuity and Changes
6	Dr. Manish Didwania	Associate Professor, COBMEC, Mody University Email- manishdidwania.sob@ modyuniversity.ac.in	Relationship between Research Assessment and Outcomes, Qualities and Impacts
7	Dr. Mahesh Sharma	Asst. Professor, CASH, Mody University Email- maheshsharma.cash@modyuniversity.ac.in	New Paradigms in Humanities and Social Science
8	Dr. KaustavBanarjee	Asst Professor, JNU, New Delhi Email-kaustav.jnu@gmail.com	Relationships between training programs and teaching practices in Humanities & social science
9	Dr Alpana Kateja	Professor, University of Rajasthan, Jaipur alpanakateja@gmail.com	Recent Trends of Research

Registration Form

 MODY UNIVERSITY MANIPAL - BANGALORE	Faculty Development Programme(Fdp) On Recent Trends of Research and Teaching Assessment in Social Science (22nd – 26th March, 2017)
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- | | | | |
|------|---------------------------|---|--|
| 1. | Name | : | |
| 2. | Designation | : | |
| 3. | Institution | : | |
| 4. | Email | : | |
| 5. | MobileNo | : | |
| 6. | Addressfor correspondence | : | |
| 7. | Educational qualification | : | |
| 8. | Subjectstaught | : | |
| 9. | Experience in years | : | |
| i. | Teaching | : | |
| ii. | Research | : | |
| iii. | Industry | : | |

Declaration

The information provided herewith is true to the best of my knowledge and belief. If selected, I agree to abide by the all the rules and regulations of the FDP and shall attend all the sessions during the course. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

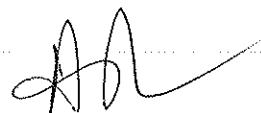
Signature of the Applicant

For further enquiries please contact:

asrao.cash@modyuniversity.ac.in,

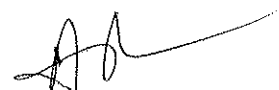
rcnayak.cash@modyuniversity.ac.in

Mob: 8949639039/9438564221



Faculty Development Programme (FDP)
ON
Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)
List of Participants

Sl. No	RP/Participants	Address
1	Mr. Nongmaithem Robin Singh	Mahanadi 220- Jawaharlal Nehru University- Delhi-67
2	Mrs. Kim Minyoung	Mahanadi 220- Jawaharlal Nehru University- Delhi-67
4	Mr. Nishant Singh	Bundelkhand University, Jhansi, Uttar Pradesh 284128
5	Ms. Shreeya Chaudary	Gu rukula Kangri Vishwavidyalaya, haridwar, Uttarakhand-249404
6	Dr. Richa Saxena	Gu rukula Kangri Vishwavidyalaya, haridwar, Uttarakhand-249404
7	Dr. Phillip Varghees	Mahanadi 119- Jawaharlal Nehru University- Delhi-67
8	Juno Varghees	P. G Woman, Delhi University- Delhi-07
9	Neha Sharma	Miranda hostel 12, Delhi University- Delhi-07
10	Preety Singh	P. G Woman, Delhi University- Delhi-07
11	Naorem Indushekhar	Vijay Nagar Double Storey-1/17 Delhi-09
12	Garima Pandey	Gu rukula Kangri Vishwavidyalaya, haridwar, Uttarakhand-249404
13	Deepshikha Gurung	Lohit 43- Jawaharlal Nehru University- Delhi-67
14	Dr. Sahil Grover	Mandavi 223, Jawaharlal Nehru University- Delhi-67
15	Dr. Ramesh Nathan	Gupta Colony.1/23.Dr. Mukerjee Delhi 110009.



Faculty Development Programme (FDP)

ON

Recent Trends of Research and Teaching Assessment in Social Science

(22nd – 26th March, 2017)

Programme Schedule

Date	Time	Refreshment	Topic	Resource Person
22/03/2017	10.00am-12.00 Noon	11.00am-11.15am	Inaugural Session	
	2.00pm-4.00pm	3.00pm-3.15pm	Research Methodology : An Overview	Dr. A.S.Rao
23/03/2017	10.00am-12.00 Noon	11.00am-11.15am	Interdisciplinarity in Research	Dr. R. C. Nayak
	2.00pm-4.00pm	3.00pm-3.15pm	Strategies for Evaluating Interdisciplinary Research	Dr. SangeetaJhalaria
24/03/2017	10.00am-12.00 Noon	11.00am-11.15am	Developing Research Objectives & Hypothesis	Dr. ParulPareek
	2.00pm-4.00pm	3.00pm-3.15pm	Relationship between Research Assessment and Outcomes, Qualities and Impacts	Dr.ManishDidwania
25/03/2017	10.00am-12.00 Noon	11.00am-11.15am	Discourse of social science: Continuity and Changes	Dr.Ravi Shankar
	2.00pm-4.00pm	3.00pm-3.15pm	New Paradigms in Humanities and Social Science	Dr. Mahesh Sharma
26/03/2017	10.00am-12.00 Noon	11.00am-11.15am	Relationships between training programs and teaching practices in Humanities & social science	Dr. KaustavBanarjee
	2.00pm-4.00pm	3.00pm-3.15pm	Valedictory Session	



Faculty Development Programme (FDP)

ON

Recent Trends of Research and Teaching Assessment in Social Science

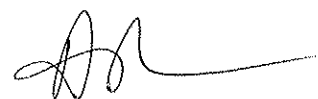
(22nd – 26th March, 2017)

Attendance Sheet-I

Topic: Research Methodology: An Overview

Time: 3.00pm-3.15pm

Sl. No	RP/Participants	Signature
1	Dr. A.S.Rao	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)

ON

Recent Trends of Research and Teaching Assessment in Social Science

(22nd – 26th March, 2017)

Attendance Sheet-2

Topic: Interdisciplinarity in Research

Time: 11.00am-11.15am

Sl. No	RP/Participants	Signature
1	Dr. R.C.Nayak	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)

ON

Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)

Attendance Sheet-3

Topic: Strategies for Evaluating Interdisciplinary Research

Time: 3.00pm-3.15pm

Sl. No	RP/Participants	Signature
1	Dr. SangeetaJhalaria	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	CarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)
ON
Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)
Attendance Sheet-4

Topic: Developing Research Objectives and Hypothesis

Time: 11.00am-11.15am

Sl. No	RP/Participants	Signature
1	Dr. Parul Pareek	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)

ON

**Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)**

Attendance Sheet-5

Topic: Relationship between Research Assessment and Outcomes, Qualities and Impacts

Time: 3.00pm-3.15pm

Sl. No	RP/Participants	Signature
1	Dr.ManishDidwania	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)

ON

**Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)**

Attendance Sheet-6

Topic: Discourse of social science: Continuity and Changes

Time: 11.00am-11.15am

Sl. No	RP/Participants	Signature
1	Dr Ravi Shankar	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)
ON
Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)
Attendance Sheet-7

Topic: New Paradigms in Humanities and Social Science

Time :3.00pm-3.15pm

Sl. No	RP/Participants	Signature
1	Dr. Mahesh Sharma	
2	Mr.Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. ShreeyaChaudary	
6	Dr. RichaSaxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preety Singh	
11	NaoremIndushekhar	
12	GarimaPandey	
13	DeepshikhaGurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	



Faculty Development Programme (FDP)

ON

**Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2017)**

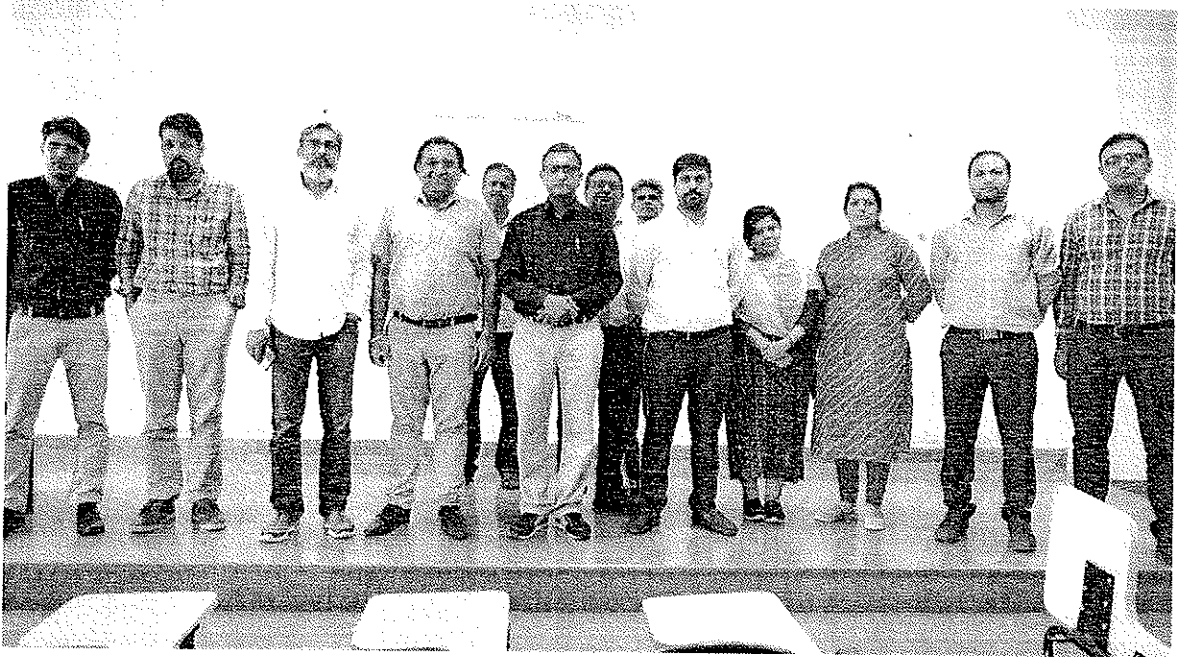
Attendance Sheet-8

**Topic: Relationships between training programs and teaching practices in Humanities &
social science**

Time:11.00am-11.15am

Sl. No	RP/Participants	Signature
1	Dr. Kaustav Banarjee	
2	Mr. Nongmaithem Robin Singh	
3	Mrs. Kim Minyoung	
4	Mr. Nishant Singh	
5	Ms. Shreya Chaudary	
6	Dr. Richa Saxena	
7	Dr. Phillip Varghees	
8	Juno Varghees	
9	Neha Sharma	
10	Preeti Singh	
11	Naorem Indushekhar	
12	Garima Pandey	
13	Deepshikha Gurung	
14	Dr. Sahil Grover	
15	Dr. Ramesh Nathan	





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FACULTY DEVELOPMENT PROGRAMME (FDP)

ON
Recent Trends of Research and Teaching Assessment in Social Science
(22nd – 26th March, 2016)

Organized by

Department of Arts, College of Art, Science and Humanities (CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Programme Outcome

1. The participants who are in the initial stage of their research got an overall idea about social research in practice and those who are in the advance stages of pursuing research could be refreshed about the entire research process.
2. The participants could come to know the wisdom behind encouraging transdisciplinary research and they could get motivation and could be capacitated to pursue interdisciplinary research.
3. The participants could be capacitated through theoretical lectures and hands on practice to evaluate research outcomes based on interdisciplinary research.
4. The scholars and young faculty members who participated in the FDP could learn the technical method of developing research objectives & hypothesis.
5. The participants could get concrete ideas about the current trends of teaching and research in social sciences and the changes that the present scenario demands.\
6. The participants learnt the current methods and techniques that are required to be adopted to assess research outcomes.
7. The participants learnt the relations between Humanities and Social Science and the common perspectives adopted in both these fields.
8. The participants learnt the usefulness of training programs in teaching and research in humanities & social science

Discussion

During the five days of programme the main topics that had been discussed includes Research Methodology, interdisciplinary, cultural and media studies, training programme and teaching practice. The session on methodology session was focused on the important of systematic studies and briefly discussed on the issue regarding the defining the problem while doing research. The session highlighted the basic importance of a literature review to review the critical points of current knowledge and or methodological approaches on a particular topic. The ultimate goal of the literature review was discussed and pointed out that a well-structured literature review should be characterized by a logical flow of ideas. The session widely focused on defining the problem of the research and formulating of the hypothesis. Types of research was also discussed which has been categorized into two categories i.e. Pure and Fundamental Research.

The talking point during the session on interdisciplinary was mainly on the benefits of interdisciplinary studies. Few of the points that came out from the discussion were, interdisciplinary thinkers creatively embrace new ideas and Learn creative solutions to some of today's most challenging problems.

The contents of Cultural and Media studies were to develop a strategy for dissemination and promotion of the cultural sector and competence in finding solutions to globally important issues in the field of media art and media culture. And finally the session on studies, training programme and teaching practice familiarized with the strategies of what makes people do research and also discussed on the tools for building knowledge and facilitating the learning.

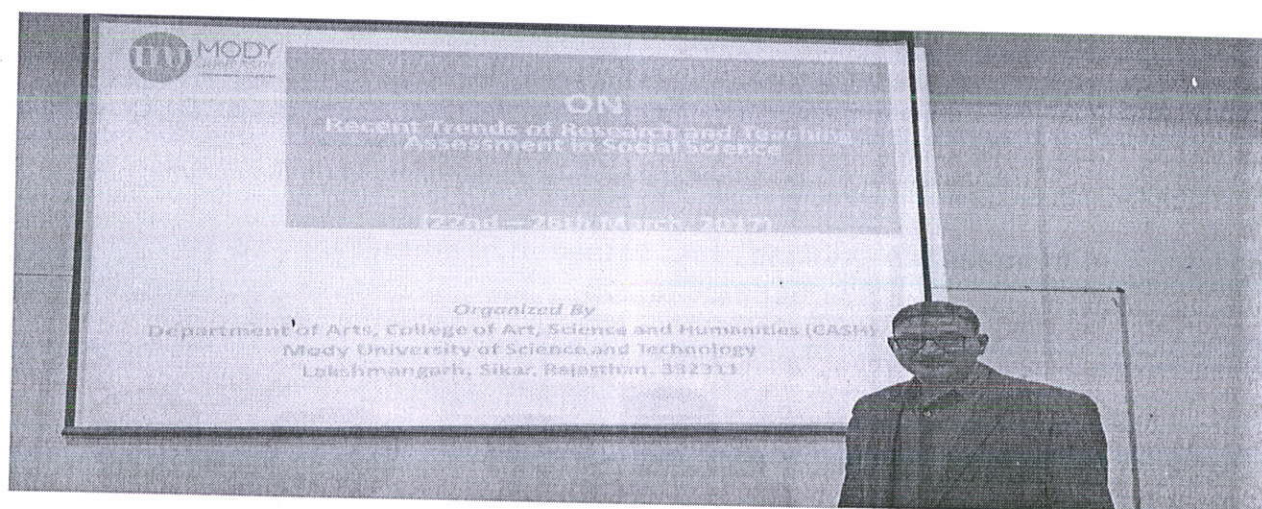
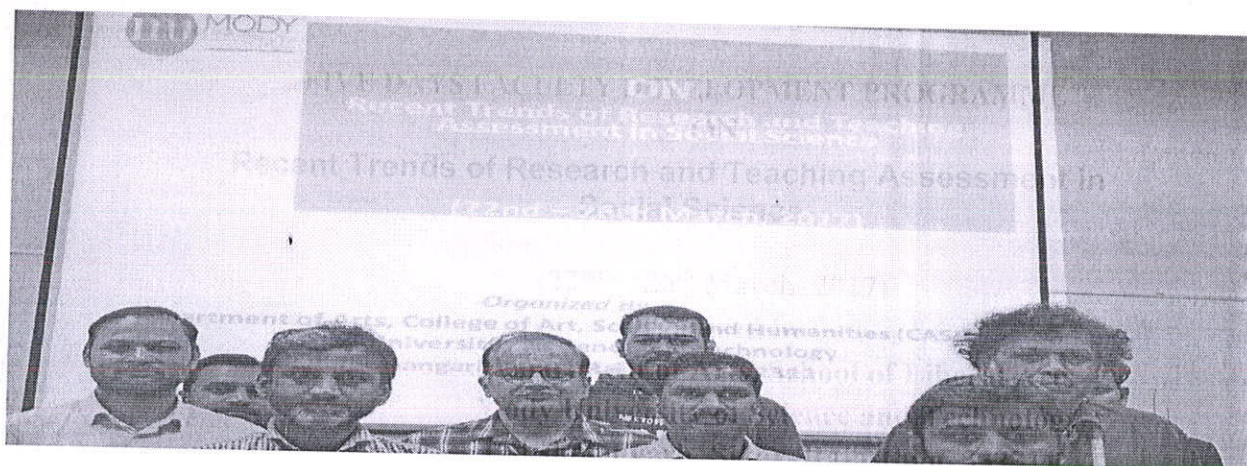
A handwritten signature in black ink, consisting of stylized, cursive letters that appear to be 'AD' followed by a long horizontal flourish.



**FIVE DAYS FACULTY DEVELOPMENT PROGRAMME
ON
Recent Trends of Research and Teaching Assessment in
Social Science**

(22nd – 26th March, 2017)

**Organized by
Department of Arts, School of Liberal Arts
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311**



Am

Department of Arts, College of Art sciences and Humanities (CASH)

FACULTY DEVELOPMENT PROGRAMME (FDP)

on

Recent Trends of Research and Teaching Assessment in Social Science

Organized
by

Department of Arts, College of Art sciences and Humanities (CASH)

.....has participated Faculty Development Programme on "Recent Trends of Research and Teaching Assessment in Social Science" organized by the Department of Arts, Mody University during July, 22-26th March, 2016.

Convener

Dr. A. S. Rao
Associate Professor
CASH, Mody University

Co-Convener

Dr. S. Jhalaria
Assistant Professor
CASH, Mody University

Patron

Prof. J. R. Luthra
Dean CASH, Mody University

26th March 2016



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FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Recent Trends in Radio-logical Safety and Environmental
Considerations.
(22nd – 26th May, 2017)
Organized by
Dept. of Nuclear Science and Technology,
CET, Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Preamble: Mody University of Science and Technology is a state private University with the objective of encouraging and motivating the women population and to avail quality education with world-class infrastructure. Nuclear engineering is the branch of engineering concerned with the application of breaking down atomic nuclei (fission) or of combining atomic nuclei (fusion), or with the application of other sub-atomic processes based on the principles of nuclear physics.

About the FDP: The current FDP is devoted towards the most important trends in Radio-logical Safety and Environmental Considerations. Safety Guides were prepared to provide generic guidance on meeting the requirements of IAEA for the protection of the public and protection of the environment. It must be managed in the ways that protect human health and minimize the environmental impact. For nuclear power generation, all waste is regulated. Requirements for the protection of people from harmful consequences of exposure to ionizing radiation, for the safety of radiation sources and for protection of the environment are established in the IAEA Safety Requirements for Radiation Protection and Safety of Radiation Sources.

Major Course Contents:

- Radio-logical Safety and safeguards.
- Advanced safety features in modern Fission Reactor.
- Safeguards in Nuclear Fuel Materials.
- Radiation Monitoring in Nuclear power plant.
- 3D design of power plant lay out and ESF.
- Industrial Safety practices.

Important dates:

Last date for submission of Application : 20/05/2017

Duration : 22nd – 26th May, 2021

11/2/21

[Signature]



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Recent Trends in Radio-logical Safety and Environmental
Considerations.
(22nd – 26th May, 2017)
Organized by
Dept. of Nuclear Science and Technology,
CET, Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : _____
2. Designation : _____
3. Institution : _____
4. Email : _____
5. Mobile No : _____
6. Address for correspondence : _____
7. Educational qualification : _____
8. Subjects taught for : _____
9. Experience in years : _____
 - i. Teaching : _____
 - ii. Research : _____
 - iii. Industry : _____

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

Signature of the Applicant

For further enquiries please contact:
nkjoshi.cet@modyuniversity.ac.in,



FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Recent Trends in Radio-logical Safety and Environmental
Considerations.
(22nd – 26th May, 2017)

Organized by
Dept. of Nuclear Science and Technology,
CET, Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Organizing Committee and Resource Person

Convener : Dean, CET, Mody University of Science and Technology
Coordinator : Prof. N K Joshi, HOD, Dept. of Nuclear Science and Technology.

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Prof. N K Joshi	CET, Mody University, Lakshmangarh	Radio-logical Safety and safeguards.
2	Prof R. Shivpuri	CET, Mody University, Lakshmangarh	Advanced safety features in modern Fission Reactor.
3	Mr. Atul Kumar	CET, Mody University, Lakshmangarh	Safeguards in Nuclear Fuel Materials.
4	Mr. Manish Kumar	CET, Mody University, Lakshmangarh	Radiation Monitoring in Nuclear power plant.
5	Mr. Mukul Paliwal	CET, Mody University, Lakshmangarh	3D design of power plant lay out and ESF.
6	Mr Vikrant Sharma	CET, Mody University, Lakshmangarh	Industrial Safety practices.



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Recent Trends in Radio-logical Safety and Environmental
Considerations.
(22nd – 26th May, 2017)**

**Organized by
Dept. of Nuclear Science and Technology,
CET, Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311**

List of Participants

S. No.	Name	Address and Contact Details
1.	Prof. R K Shivpuri	CET, Mody University Lakshmangarh -332311
2.	Prof. N K Joshi	CET, Mody University Lakshmangarh -332311
3.	Mr. Mukul Paliwal	CET, Mody University Lakshmangarh -332311
4.	Mr. Atul Kumar	CET, Mody University Lakshmangarh -332311
5.	Ms. Sunita Kumari	CET, Mody University Lakshmangarh -332311
6.	Mr. Manish Kumar	CET, Mody University Lakshmangarh -332311
7.	Dr. Sandeep Jaiswal	CET, Mody University Lakshmangarh -332311
8.	Dr. S Y Kumar	CET, Mody University Lakshmangarh -332311
9.	Mr. G D Deepak	CET, Mody University Lakshmangarh -332311
10.	Mr. Vikrant Sharma	CET, Mody University Lakshmangarh -332311



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Recent Trends in Radio-logical Safety and Environmental
Considerations.**

(22nd – 26th May, 2017)

Organized by

**Dept. of Nuclear Science and Technology,
CET, Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311**

Date / Time	10.00– 1.00 PM	02.30 – 05.30 PM
22-05-2017	Lighting of Lamp and Saraswati Vandana Address By the Director CET	Talk 2: Prof. N K Joshi Radio-logical Safety and safeguards.
23-05-2017	Talk 2: Prof. N K Joshi Advanced safety features in modern Fission Reactor.	Talk 3: Prof. R Shivpuri Advanced safety features in modern Fission Reactor.(Continuation)
24-05-2017	Talk 4: Mr. Atul Kumar Safeguards in Nuclear Fuel Materials.	Talk 5: Mr Vikrant Sharma Industrial Safety practices.
25-05-2017	Talk6: Mr. Manish Kumar Radiation Monitoring in Nuclear power plant.	Talk 7: Mr. Mukul Paliwal 3D design of power plant layout and ESF.
26-05-2017	Talk 8: Mr. Manish Kumar Lab visit and Radiation shielding based experiments.	Talk 9: Dean,CET Closing talk.

6.5.3
6.5.99



**Faculty Development Program On
Recent Trends in Radio-logical Safety and Environmental Considerations**

Organized by
Department of Nuclear Science and Technology,
Mody University of Science and Technology

Certificate of Participation

This is to certify that
has participated in a Five Days Faculty Development Program (FDP) on
“Recent Trends in Radiological Safety and Environmental Considerations.”
held on 22-05-2017 to 26-05-2017 at, Mody University of Science and Technology.

Coordinator, HOD, NST

Dean, CET, MUST

Date : 26.05.2017

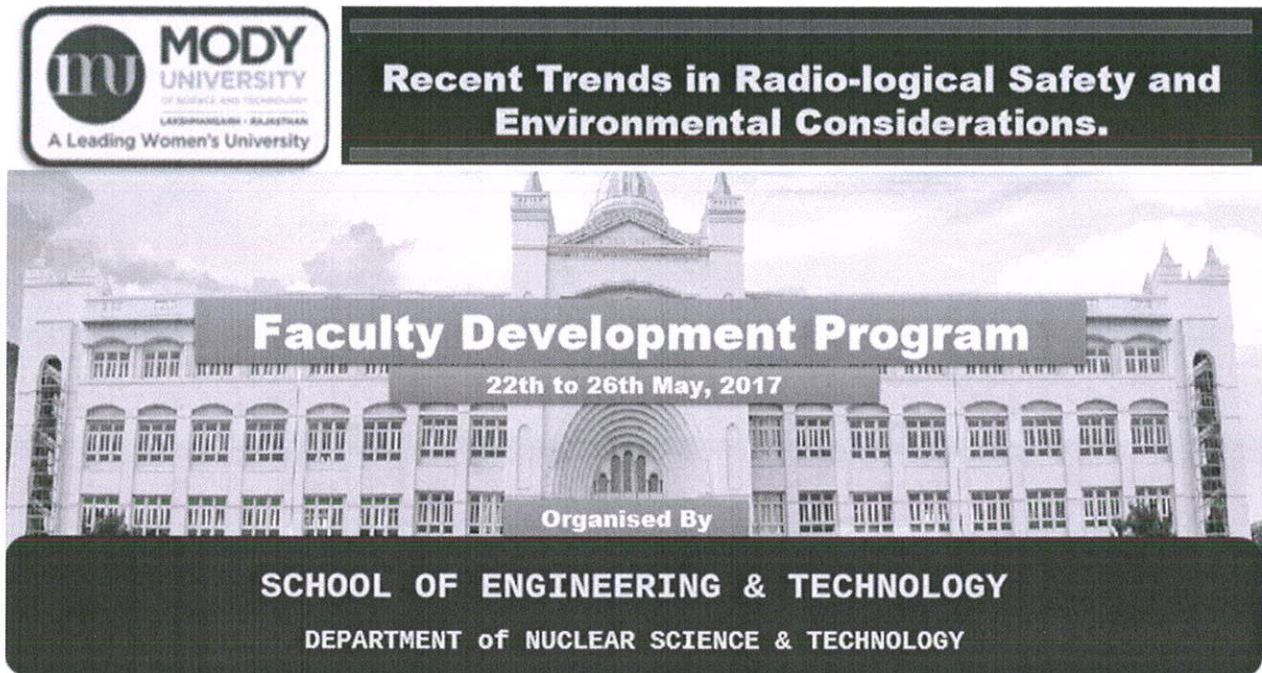


Figure 1 - Five day FDP by NST,SET

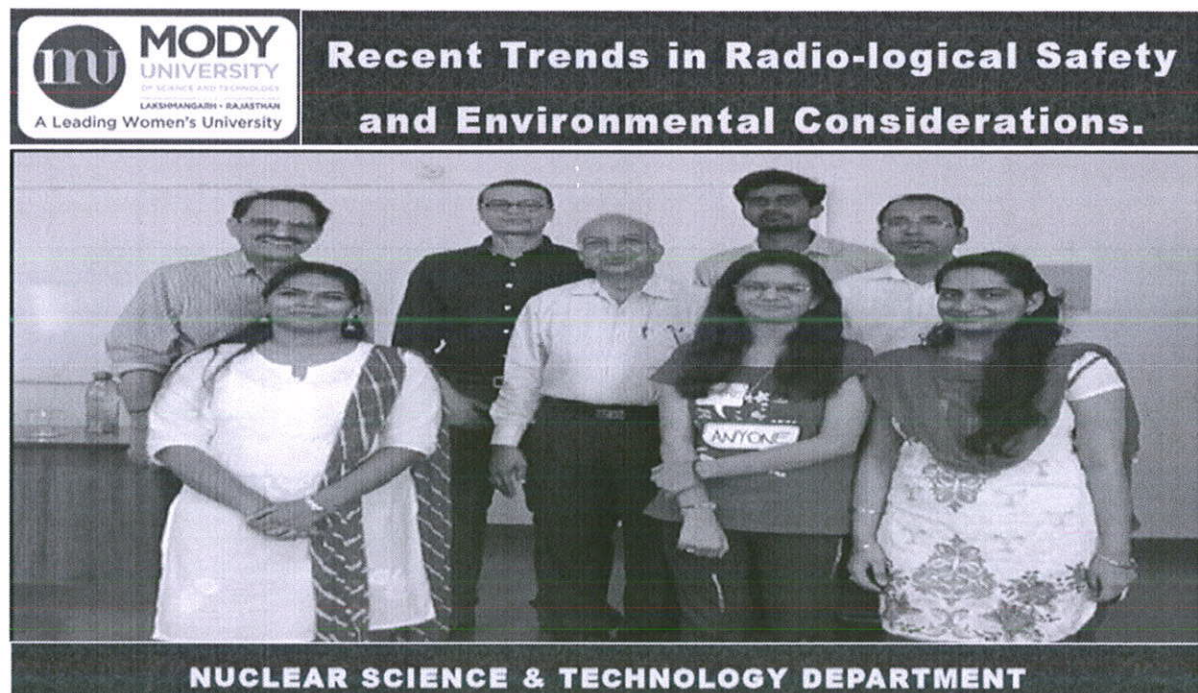
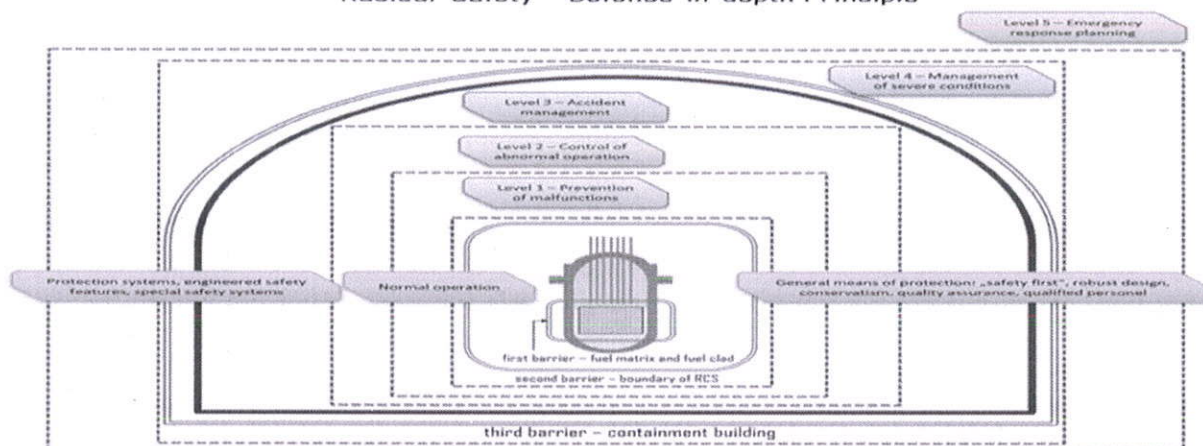


Figure 2 - Five day FDP by NST,SET

A handwritten signature in blue ink, consisting of a stylized 'A' followed by a long horizontal stroke.

Recent Trends in Radio-logical Safety and Environmental Considerations.

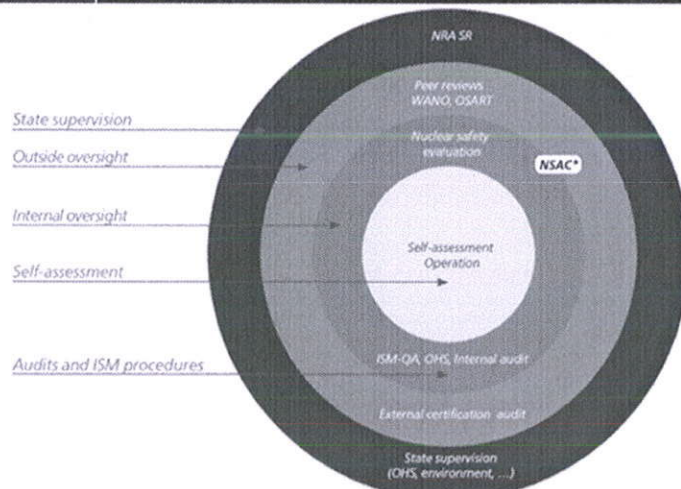
Nuclear Safety – Defence-in-depth Principle



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Figure 3 - Five day FDP by NST,SET

Recent Trends in Radio-logical Safety and Environmental Considerations.



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Figure 4 - Five day FDP by NST,SET

[Handwritten signature]

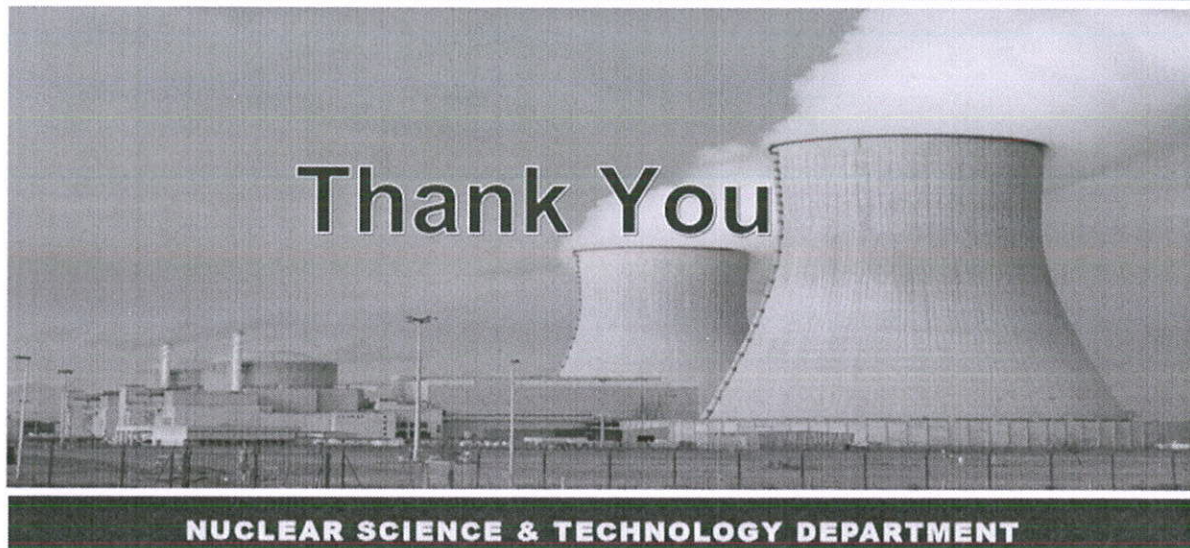


Figure 4 - Five day FDP by NST,SET

[Handwritten signature]

