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MODY UNIVERSITY OF SCINCE AND TECHNOLOGY, LAKSHMANGARH -332311

School of Liberal Arts and Science (SLAS)

Session- 2019-20

Proposal Form for Faculty Development Program

Name of Convenor	:	(Prof.) Dr. Jitendra Binwal
Name of organizing secretary	:	Dr. Krishnapal Singh Sisodia
Department	:	Mathematics
Designation	:	Professor, Assistant Professor
Email	:	Jitendrabinwal.cash@modyuniversity.ac.in Kpsisodia.sos@modyuniversity.ac.in
Mobile	:	8854090021, 9827837998
Title of the Activity	:	Faculty development programme on Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences
Probable Time and Venue	:	10:00 AM- 5:00 PM, ABB-201
Start Date	:	06/01/2020
End Date	:	11/01/2020
Total Days	:	06 days
Resources Required	:	PA System, Projector, Classroom etc.
Expected Strength	:	20
Mode of Conduct	:	Offline
Topic to be covered/ Brief details about activity	:	Linear dependence of vectors, Linear equations and its solutions, Eigen Values and Eigen Vectors, Linear Transfromation and applications, Applications of linear algebra, Introduction to fixed point theory, Applications of fixed point
Signature of organizing secretary		
Signature of the Convenor	:	

11/12/19

HOD Recommendations & Signature	:	OK, go ahead, wish you all the best Sir
Dean's Signature with remarks	:	

ONE WEEK FACULTY DEVELOPMENT PROGRAMME (FDP) ON

Recent Trends in Linear Algebra and Fixed Point Theory with Applications in Applied Sciences

Organized by
Department of Mathematics
School of Liberal Arts and Sciences
Mody University of Science and Technology, Lakshmangarh-332311

Course Contents

- Linear dependence of vectors
- Linear equations and its solutions
- Eigen Values and Eigen Vectors
- Linear Transformation and applications
- Applications of linear algebra
- Introduction to fixed point theory
- Applications of fixed point

Eligibility Criteria:

Faculty members, Research Scholarsand Technicians from all streams

Application Link:

https://forms.gle/MuVfRi5TAdCfVWzhh9

No Registration Fee

Convener-
Prof.(Dr.) Jitendra Binwal
Organizing Secretary
Dr. Krishnapal Singh Sisodia

Date

6th -11th January 2020

Info

jitendrabinwal.cash@modyuniversity.ac.in
kpsisodia.sos@modyuniversity.ac.in

Lecture Schedules

S. No.	Speaker	Date	Time	Topic
1	Dr. Sunil Kumar Yadav	06/01/2020	2:30-3:30 PM, 4:00-5:00 PM	Application of Perfect fluid in LP-Sasakian space- time
2	Dr. Brajraj Singh	07/01/2020	10:00 AM-11:30 AM 12:00 PM-1:30 PM	Howard model for super conductors
3	Dr. Arvind Maharshi	07/01/2020	2:30-3:30 PM, 4:00-5:00 PM	Ill conditioned system of equations
4	Dr. Virendra Singh Chouhan	08/01/2020	10:00 AM-11:30 AM 12:00 PM-1:30 PM	Fundamental concept of fixed point theory
5	Dr. Virendra Singh Chouhan	08/01/2020	2:30-3:30 PM, 4:00-5:00 PM	Role of Mathematical Sciences in Real world problems
6	Dr. Vinod Maan	09/01/2020	10:00 AM-11:30 AM 12:00 PM-1:30 PM	Principal component analysis using Eigen values and vectors
7	Mrs. Aditi Kajala	09/01/2020	2:30-3:30 PM, 4:00-5:00 PM	Linear dependence of vectors and their applications in Machine Learning
8	Dr. Manish Didwania	10/01/2020	10:00 AM-11:30 AM 12:00 PM-1:30 PM	Practical Applications of Mathematics in everyday life
9	Dr. Atul Kumar	10/01/2020	2:30-3:30 PM, 4:00-5:00 PM	Introduction to machine learning
10	Prof. (Dr.) Jitendra Binwal	11/01/2020	10:00 AM-11:30 AM 12:00 PM-1:30 PM	Graph theory and its applications

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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 Mathematics works to develop a mathematical professional for carrying out fundamentals of mathematics and its multidisciplinary applications of excellent nature with to generate high class mathematicians, scientists, technocrats and professionals for the benefit of the society at large. The mission of department is Mission: To produce mathematically sound, applications and practically oriented, value driven and well-groomed mathematicians, scientists, technocrats and professionals.

About the FDP: This faculty development program (FDP) is devoted to address the need of Pure and applied Mathematics. Linear algebra is one of the important branches of mathematics. Linear algebra is basically the study of vectors and linear functions. It is a key concept for almost all areas of mathematics. Linear algebra is considered a basic concept in the modern presentation of geometry. It is mostly used in Physics and Engineering as it helps to define the basic objects such as planes, lines and rotations of the object. It allows us to model many natural phenomena, and also it has a computing efficiency.
The fixed point theory is essential to various theoretical and applied fields, such as variational and linear inequalities, the approximation theory, nonlinear analysis, integral and differential equations and inclusions, the dynamic systems theory, mathematics of fractals, mathematical economics (game theory, equilibrium problems, and optimisation problems) and mathematical modelling.

Major Course Contents:
- Linear dependence of vectors
- Linear equations and its solutions
- Eigen Values and Eigen Vectors
- Linear Transfromation and applications
- Applications of linear algebra
- Introduction to fixed point theory
- Applications of fixed point

Important dates:
Last date for submission of Application: 03/01/2020
Duration : 6th – 11th January, 2020

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Organizing Committee and Resource Person

Convener : Prof. (Dr.) Jitendra Binwal

Organizing Secretary: Dr. Krishnapal Singh Sisodia

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Dr. Sunil Kumar Yadav	Poornima College of Engineering, Jaipur	Application of Perfect fluid in LP-Sasakian space- time
2	Dr. Virendra Singh Chouhan	Manipal University, Jaipur	Fundamental concept of fixed point theory
3	Prof. (Dr.) Jitendra Binwal	SLAS, Mody University, Lakshmangarh	Graph theory and its applications
4	Dr. Brajraj Singh	SLAS, Mody University, Lakshmangarh	Howard model for super conductors
5	Dr. Arvind Maharshi	SLAS, Mody University, Lakshmangarh	Ill conditioned system of equations
6	Dr. Vinod Maan	SET, Mody University, Lakshmangarh	Principal component analysis using Eigen values and vectors
7	Dr. Manish Didwania	SOB, Mody University, Lakshmangarh	Practical Applications of Mathematics in everyday life
8	Mrs. Aditi Kajala	SET, Mody University, Lakshmangarh	Linear dependence of vectors and their applications in Machine Learning
9	Dr. Atul Kumar	SET, Mody University, Lakshmangarh	Eigen Values, Eigen Vectors and their applications in Machine learning
10	Dr. Virendra Singh Chouhan	Manipal University, Jaipur	Role of Mathematical Sciences in Real world problems

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List of Participants

S. No.	Name	Address and Contact Details
1.	Dr. Garima Sharma	Mody University, Lakshmangarh
2.	Ms. Kiran Singh Bais	Mody University, Lakshmangarh
3.	Dr. Narendra Kumar	Mody University, Lakshmangarh
4.	Dr. Manoj Mishra	Mody University, Lakshmangarh
5.	Dr. Rishi Pandey	Mody University, Lakshmangarh
6.	Ms. Aakansha Baber	Mody University, Lakshmangarh
7.	Dr. Vishwas deep Joshi	Mody University, Lakshmangarh
8.	Dr. Ashok Singh Rathore	Mody University, Lakshmangarh
9.	Dr. Anand Sharma	Mody University, Lakshmangarh
10.	Dr. Vishal Sharma	Mody University, Lakshmangarh
11.	Dr. Vinay Verma	Mody University, Lakshmangarh
12.	Dr. Sarita Khaturia	Mody University, Lakshmangarh
13.	Dr. Vikrant Sharma	Mody University, Lakshmangarh
14.	Mrs. Anita Mudra	Mody University, Lakshmangarh

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Date / Time	10:00 AM- 11:30 AM	11:30AM-12:00 PM	12:00 PM – 1:30 PM	1:30 PM-2:30 PM	2:30 PM – 3:30 PM	3:30PM-4:00PM	4:00 PM- 5:00 PM
06/01/2020 (Monday)	Inaugural Session (Lighting of lamp, Saraswati Vandana, Address by President)	TEA BREAK	Introduction and Aims of FDP in terms of Mathematics (Dr. Jitendra Binwal)	LUNCH BREAK	Application of Perfect fluid in LP-Sasakian space- time (Dr. Sunil Kumar Yadav)	TEA BREAK	Application of Perfect fluid in LP-Sasakian space- time (Dr. Sunil Kumar Yadav)
07/01/2020 (Tuesday)	Howard model for super conductors (Dr. Brajraj Singh)		Howard model for super conductors (Dr. Brajraj Singh)		Ill conditioned system of equations (Dr. Arvind Maharshi)		Ill conditioned system of equations (Dr. Arvind Maharshi)
08/01/2020 (Wednesday)	Fundamental concept of fixed point theory (Dr. Virendra Singh Chouhan)		Fundamental concept of fixed point theory (Dr. Virendra Singh Chouhan)		Role of Mathematical Sciences in Real world problems (Dr. Virendra Singh Chouhan)		Role of Mathematical Sciences in Real world problems (Dr. Virendra Singh Chouhan)
09/01/2020 (Thursday)	Principal component analysis using Eigen values and vectors (Dr. Vinod Maan)		Principal component analysis using Eigen values and vectors (Dr. Vinod Maan)		Linear dependence of vectors and their applications in Machine Learning (Mrs. Aditi Kajala)		Linear dependence of vectors and their applications in Machine Learning (Mrs. Aditi Kajala)
10/01/2020 (Friday)	Practical Applications of Mathematics in everyday life (Dr. Manish Didwania)		Practical Applications of Mathematics in everyday life (Dr. Manish Didwania)		Introduction to Machine Learning (Dr. Atul Kumar)		Introduction to Machine Learning (Dr. Atul Kumar)
11/01/2020 (Saturday)	Graph theory and its applications (Prof. (Dr.) Jitendra Binwal)		Graph theory and its applications (Prof. (Dr.) Jitendra Binwal)		Valedictory Session (Prof. (Dr.) Jitendra Binwal Dr. Krishnapal Singh Sisodia)		Valedictory Session (Prof. (Dr.) Jitendra Binwal Dr. Krishnapal Singh Sisodia)

Sample copy for Schedule (You can modify it according to your need)

06/01/2020		*Introduction and Aims of FDP in terms of Mathematics* Resource Person: **Prof. (Dr.) Jitendra Binwal,** Professor, Dept. of Mathematics, Mody University, Lakshmangarh	*Application of Perfect fluid in LP-Sasakian space- time* Resource Person: **Dr. Sunil Kumar Yadav,** Professor, Department of Mathematics, Poornima College of Engineering, Jaipur	*Application of Perfect fluid in LP-Sasakian space- time* Resource Person: **Dr. Sunil Kumar Yadav,** Professor, Department of Mathematics, Poornima College of Engineering, Jaipur
07/01/2020	*Howard model for super conductors* Resource Person: **Dr. Brajraj Singh**, Associate Professor, Dept. of Physics, Mody University, Lakshmangarh	*Howard model for super conductors* Resource Person: **Dr. Brajraj Singh,** Associate Professor, Dept. of Physics, Mody University, Lakshmangarh	*Ill conditioned system of equations* Resource Person: **Dr. Arvind Maharshi,** Associate Professor, Dept. of Mathematics, Mody University, Lakshmangarh	*Ill conditioned system of equations* Resource Person: **Dr. Arvind Maharshi,** Associate Professor, Dept. of Mathematics, Mody University, Lakshmangarh
08/01/2020	*Fundamental concept of fixed point theory* Resource Person: **Dr. Virendra Singh Chouhan,** Assistant Professor, Dept. of Mathematics, Manipal University, Jaipur	*Fundamental concept of fixed point theory* Resource Person: **Dr. Virendra Singh Chouhan**, Assistant Professor, Dept. of Mathematics, Manipal University, Jaipur	*Role of Mathematical Sciences in Real world problems* Resource Person: **Dr. Virendra Singh Chouhan**, Assistant Professor, Dept. of Mathematics, Manipal University, Jaipur	*Role of Mathematical Sciences in Real world problems* Resource Person: **Dr. Virendra Singh Chouhan**, Assistant Professor, Dept. of Mathematics, Manipal University, Jaipur
09/01/2020	*Principal component analysis using Eigen values and vectors* Resource Person: **Dr. Vinod Maan,** Associate Professor, Dept. of Computer Science and Engineering, Mody University, Lakshmangarh	*Principal component analysis using Eigen values and vectors* Resource Person: **Dr. Vinod Maan,** Associate Professor, Dept. of Computer Science and Engineering, Mody University, Lakshmangarh	*Linear dependence of vectors and their applications in Machine Learning* Resource Person: **Mrs. Aditi Kajala,** Assistant Professor, Dept. of Computer Science and Engineering, Mody University, Lakshmangarh	*Linear dependence of vectors and their applications in Machine Learning* Resource Person: **Mrs. Aditi Kajala,** Assistant Professor, Dept. of Computer Science and Engineering, Mody University, Lakshmangarh
10/01/2020	*Practical Applications of Mathematics in everyday life* Resource Person: **Dr. Manish Didwania,** Professor, SOB, Mody University, Lakshmangarh	*Practical Applications of Mathematics in everyday life* Resource Person: **Dr. Manish Didwania,** Professor, SOB, Mody University, Lakshmangarh	*Introduction to Machine Learning* Resource Person: **Dr. Atul Kumar,** Associate Professor, Dept. of Mechanical Engineering, Mody University, Lakshmangarh	*Introduction to Machine Learning* Resource Person: **Dr. Atul Kumar,** Associate Professor, Dept. of Mechanical Engineering, Mody University, Lakshmangarh
11/01/2020	*Graph theory and its applications* Resource Person: **Prof. (Dr.) Jitendra Binwal,** Professor, Dept. of Mathematics, Mody University, Lakshmangarh	*Graph theory and its applications* Resource Person: **Prof. (Dr.) Jitendra Binwal,** Professor, Dept. of Mathematics, Mody University, Lakshmangarh		

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Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : Ms. Aakansha Babel
2. Designation : Ph.D. Scholar
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6. Address for correspondence : Department of Mathematics, SLAS MUST, Lakshmangarh
7. Educational qualification : Ph.D.*

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: 30/12/2019

Signature of the Applicant

For further enquiries please contact:
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Registration Form

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7. Educational qualification : PhD

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: 02/01/2020

Signature of the Applicant

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Registration Form

1. Name : Dr. Nalendra Kumar
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7. Educational qualification : Ph.D.

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: 01/01/2020

Signature of the Applicant

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Registration Form

1. Name : Dr. R. K. Pandey
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6. Address for correspondence : Department of Mathematics SLAS MUST
7. Educational qualification : PhD

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: 02/01/2020

Signature of the Applicant

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Registration Form

1. Name : Ms. Anita Munohra
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7. Educational qualification : Ph.D.*

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: 30/12/2019

Signature of the Applicant

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Registration Form

1. Name : Dr. Sarita Khaturia
2. Designation : Assistant Professor
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5. Mobile No : 7737075719
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7. Educational qualification : M.Sc., M.Phil, NET, GATE, Ph.D.

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: 3/01/20

Signature of the Applicant

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Registration Form

1. Name : Vikrant Sharma
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5. Mobile No : 8290941780
6. Address for correspondence : SET, MUST.
7. Educational qualification : M.Tech.

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: 02/01/2020

Signature of the Applicant

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Registration Form

1. Name : VINAY VERMA
2. Designation : Assistant Professor
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5. Mobile No : 9929409751
6. Address for correspondence : 181/95, Pratap Nagar, Jaipur
7. Educational qualification : M.Tech,

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: 2/1/2020

Signature of the Applicant

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Registration Form

1. Name : Vishal Sharma
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7. Educational qualification : Ph.D. (pursuing), M.Tech, B.E. (CSE)

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: 02/01/2020

Signature of the Applicant

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Registration Form

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7. Educational qualification : M.Phil, Ph.D*

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: 01/01/20

Signature of the Applicant

For further enquiries please contact:
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Registration Form

1. Name : Dr. Gaurav Sharma.
2. Designation : Assistant Professor
3. Institution : MUST
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5. Mobile No : 9887996667
6. Address for correspondence : FH, Infront of MU.
7. Educational qualification : Ph.D.

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: 17/12/19.

Signature of the Applicant

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Registration Form

1. Name : Dr. Ashok Singh Rathore
2. Designation : Assistant Professor
3. Institution : Mody University of Science & Technology
4. Email : asrathore.cash@modyuniversity.ac.in
5. Mobile No : 9772952331
6. Address for correspondence : SLAS, Mody University, Jaipur Lakshmangarh Sikar
7. Educational qualification : Ph.D.

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: 6th Jan, 2020

Signature of the Applicant

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ppsisodia.sos@modyuniversity.ac.in

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences
(6th – 11th January, 2020)
Organized by
Department of Mathematics,
School of Liberal Arts and Sciences(SLAS)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : Dr Anand Sharma
2. Designation : Asst. Prof. CSE
3. Institution : SET, MUST
4. Email : anandsharma.cse@modyuniversity.ac.in
5. Mobile No : 7737785474
6. Address for correspondence : SET, MUST, Lakshmangarh
7. Educational qualification : PhD, MTech, BE

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: 01/01/2020

Signature of the Applicant

or further enquiries please contact:
jitendrabinwal.cash@modyuniversity.ac.in
..psisodia.sos@modyuniversity.ac.in

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Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : M. Mishra.
2. Designation : Asst. Prof.
3. Institution : MUST
4. Email : MANOJ2712@GMAIL.COM
5. Mobile No : 9783060366
6. Address for correspondence : Dept of Phys., SLAS, MUST
7. Educational qualification : Ph.D.

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: 13/12/2019

Signature of the Applicant

For further enquiries please contact:
jitendrabinwal.cash@modyuniversity.ac.in
kpsisodia.sos@modyuniversity.ac.in

Attendance Sheet

FACULTY DEVELOPMENT PROGRAMME (FDP) ON Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences (6th – 11th January, 2020)

S. No.	Participant's name	1/6/2020		1/7/2020		1/8/2020		1/9/2020		1/10/2020		1/11/2020	
		Morning Session	Evening Session	Morning Session	Evening Session	Morning Session	Evening Session	Morning Session	Evening Session	Morning Session	Evening Session	Morning Session	Evening Session
1	Dr. Garima Sharma												
2	Ms. Kiran Singh Bais												
3	Dr. Narendra Kumar												
4	Dr. Manoj Mishra												
5	Dr. Rishi Pandey												
6	Ms. Aakansha Baber												
7	Dr. Vishwas deep Joshi												
8	Dr. Ashok Singh Rathore												
9	Dr. Anand Sharma							ABSENT					
10	Dr. Vishal Sharma												
11	Dr. Vinay Verma												
12	Dr. Sarita Khaturia												
13	Dr. Vikrant Sharma												
14	Mrs. Anita Mudra												

Signature Convener/ Co-convener

Receiving of certificate

FACULTY DEVELOPMENT PROGRAMME (FDP) ON Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences (6th – 11th January, 2020)

S. No.	Participant's name	Topic of the Talk	Sign.
1	Dr. Sunil Kumar Yadav	Application of Perfect fluid in LP-Sasakian space- time	
2	Dr. Virendra Singh Chouhan	Fundamental concept of fixed point theory	
3	Prof. (Dr.) Jitendra Binwal	Graph theory and its applications	
4	Dr. Brajraj Singh	Howard model for super conductors	
5	Dr. Arvind Maharshi	Ill conditioned system of equations	
6	Dr. Vinod Maan	Principal component analysis using Eigen values and vectors	
7	Dr. Manish Didwania	Practical Applications of Mathematics in everyday life	
8	Mrs. Aditi Kajala	Linear dependence of vectors and their applications in Machine Learning	
9	Dr. Atul Kumar	Eigen Values, Eigen Vectors and their applications in Machine learning	
10	Dr. Virendra Singh Chouhan	Role of Mathematical Sciences in Real world problems	

Signature
Convener/ Co-convener

Receiving of certificate

FACULTY DEVELOPMENT PROGRAMME (FDP) ON Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences (6th – 11th January, 2020)

S. No.	Participant's name	Sign.
1	Dr. Garima Sharma	
2	Ms. Kiran Singh Bais	
3	Dr. Narendra Kumar	
4	Dr. Manoj Mishra	
5	Dr. Rishi Pandey	
6	Ms. Aakansha Baber	
7	Dr. Vishwas deep Joshi	
8	Dr. Ashok Singh Rathore	
9	Dr. Anand Sharma	
10	Dr. Vishal Sharma	
11	Dr. Vinay Verma	
12	Dr. Sarita Khaturia	
13	Dr. Vikrant Sharma	
14	Mrs. Anita Mudra	

Signature Convener/ Co-convener

HOWARD MODEL FOR SUPERCONDUCTORS

BY

DR. BRAJRAJ SINGH

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PRINCIPAL COMPONENT ANALYSIS USING EIGEN VALUES AND VECTORS

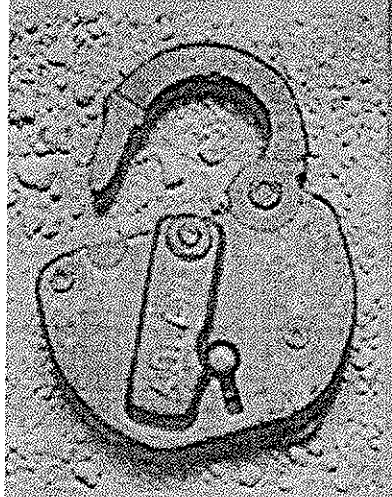
Presented by

Dr. Vinod Maan

Associate Professor, Department Of Computer Science and Engineering

Mody University of Science and Technology, Lakshmangarh, Sikar (Raj.)

Application of perfect fluid on Lorentzian Para-Sasakian space-time



POORNIMA
COLLEGE OF ENGINEERING

Presentation by

Dr. Sunil Kumar YADAV

Department of Mathematics, Poornima College of Engineering, Jaipur-Rajasthan

Email:sunilkumar@poornima.org

Role of Mathematical Sciences in Real world problems

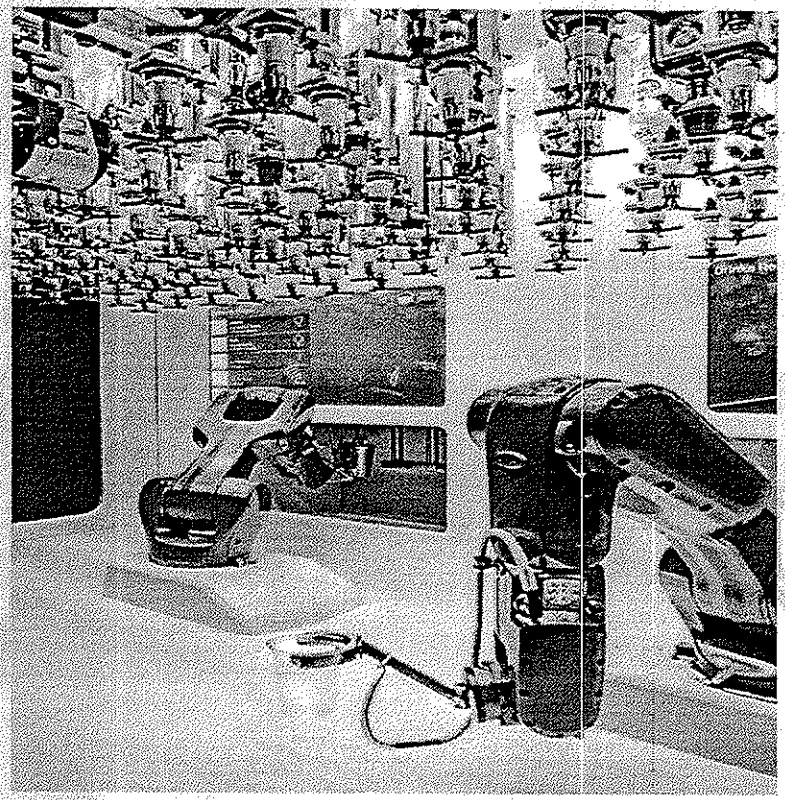
Presented by
Dr. Virendra Singh Chouhan
Assistant Professor, Department Of Mathematics
Manipal University, Jaipur

Fundamental concept of fixed point theory

Presented by
Dr. Virendra Singh Chouhan
Assistant Professor, Department Of Mathematics
Manipal University, Jaipur

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Introduction to Machine Learning



Presented by
ATUL KUMAR,
School of Engineering and Technology

Linear dependence of vectors and their applications in Machine Learning

Presented by
Mrs. Aditi Kajala
Assistant Professor, Department Of Computer Science and Engineering
Mody University of Science and Technology, Lakshmangarh, Sikar (Raj.)

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Department of Mathematics

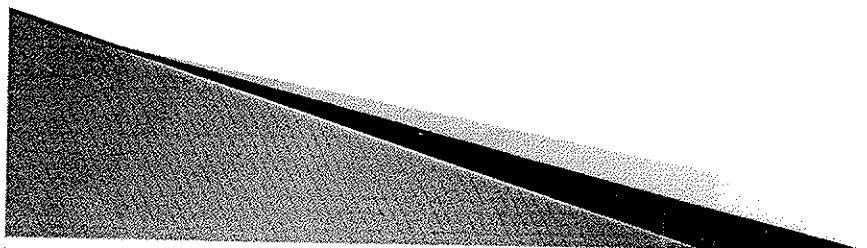
Topic

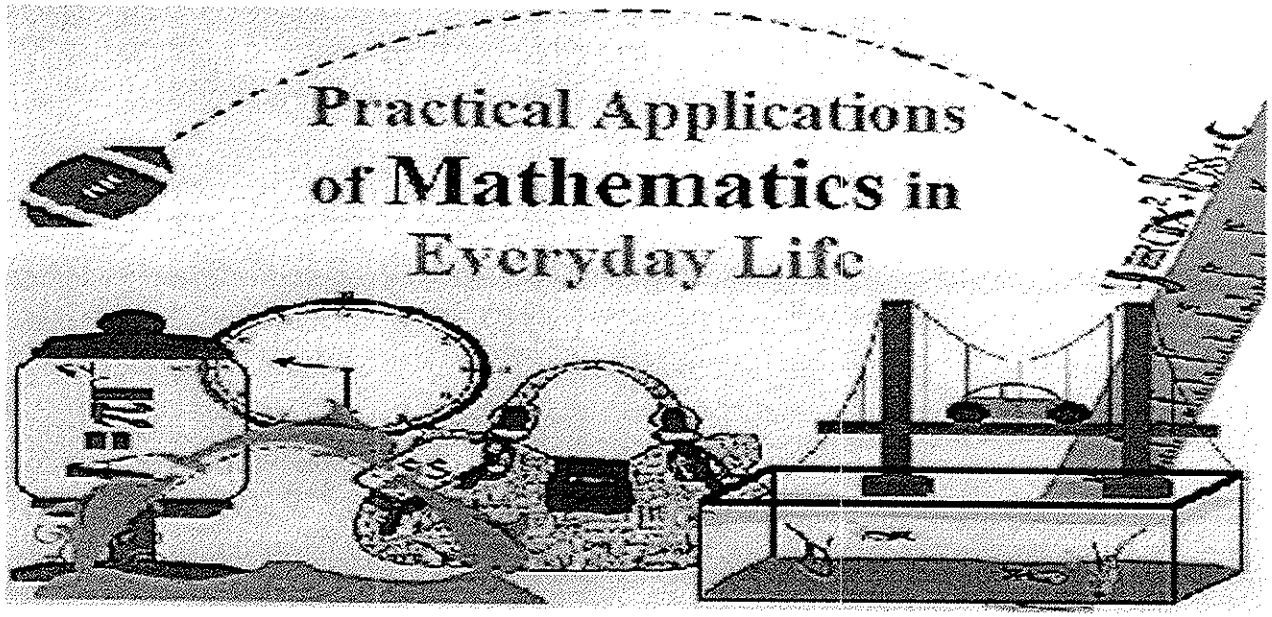
Treatment for solving the ill -Conditioned System of Linear Equations

Dr. Arvind Maharshi
Associate Professor

Graph theory and its applications

Presented by
Prof. (Dr.) Jitendra Binwal
Professor, Department Of Mathematics
Mody University of Science and Technology, Lakshmangarh, Sikar (Raj.)





Dr. Manish Didwania
Professor
SOB-MUST

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CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof.

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Sunil Kumar Yadav, Poornima College of Engineering, Jaipur*** *has delivered an expert talk on "****Application of Perfect fluid in LP-Sasakian space- time****" in one week faculty development programme on "****Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences****" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Brajraj Singh, Mody University, Lakshmangarh*** *has delivered an expert talk on "**Howard model for super conductors**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Arvind Maharshi, Mody University, Lakshmangarh*** *has delivered an expert talk on "**Ill conditioned system of equations**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Virendra Singh Chouhan, Manipal University, Jaipur*** *has delivered an expert talk on "**Fundamental concept of fixed point theory**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Virendra Singh Chouhan, Manipal University, Jaipur*** *has delivered an expert talk on "****Role of Mathematical Sciences in Real world problems****" in one week faculty development programme on "****Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences****" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Vinod Maan, Mody University, Lakshmangarh*** *has delivered an expert talk on "**Principal component analysis using Eigen values and vectors**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Assistant Professor	**Head of Department**	

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Aditi Kajala, Mody University, Lakshmangarh*** *has delivered an expert talk on "****Linear dependence of vectors and their applications in Machine Learning****" in one week faculty development programme on "****Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences****" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Manish Didwania, Mody University, Lakshmangarh*** *has delivered an expert talk on "**Practical Applications of Mathematics in everyday life**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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CERTIFICATE

OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Atul Kumar, Mody University, Lakshmangarh*** *has delivered an expert talk on "**Introduction to machine learning**" in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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OF APPRECIATION

This is to certify that

Mr./Ms./Dr./Prof. ***Jitendra Binwal, Mody University, Lakshmangarh*** *has delivered an expert talk on "****Graph theory and its applications****" in one week faculty development programme on "****Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences****" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary
Dr. Krishnapal Singh Sisodia
Assistant Professor

Convener
Prof. (Dr.) Jitendra Binwal
Head of Department

Dean , SLAS
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CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof. ***Garima Sharma, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof. ***Kiran Singh Bais, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Narendra Kumar, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
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CERTIFICATE

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This is to certify that

Mr./Ms./Dr./Prof. ***Manoj Mishra, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof. ***Rishi Pandey, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof. ***Aakansha Baber, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
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Mr./Ms./Dr./Prof. ***Ashok Singh Rathore, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Anand Sharma, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Mr./Ms./Dr./Prof. ***Vishal Sharma, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Mr./Ms./Dr./Prof. ***Vinay Verma, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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This is to certify that

Mr./Ms./Dr./Prof. ***Sarita Khaturia, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

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Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
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This is to certify that

Mr./Ms./Dr./Prof. ***Vikrant Sharma, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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CERTIFICATE

OF PARTICIPATION

This is to certify that

Mr./Ms./Dr./Prof. ***Anita Mudra, Mody University, Lakshmangarh***

*has participated in one week faculty development programme on "**Recent Trends In Linear Algebra and Fixed Point Theory with Applications in Applied Sciences**" organized by Department of Mathematics, SLAS, Mody University of Science and Technology, Lakshmangarh held on January, 6-11, 2020.*

Organizing Secretary	Convener	Dean , SLAS
Dr. Krishnapal Singh Sisodia	**Prof. (Dr.) Jitendra Binwal**	Patron
Assistant Professor	**Head of Department**	

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DEPARTMENT OF MATHEMATICS

FACULTY DEVELOPMENT PROGRAMME ON RCENT TRENDS IN LINEAR ALGEBRA AND FIXED POINT THEORY WITH APPLICATIONS IN APPLIED SCIENCES
(6TH-11TH JANUARY 2020)

FACULTY CO-ORDINATORS
DR. KRISHNAPAL SINGH SISODIA
PROF. (DR.) JITENDRA BINWAL



MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

SCHOOL OF DESIGN

FACULTY DEVELOPMENT PROGRAM (FDP)

SUSTAINABLE DESIGN 10.02.2020 – 15.02.2020

Date/Time	10:00 AM – 11:00 AM	11:00 AM - 11:30 AM	11:30 AM – 01:30 PM	01:30 TO 02: 30	02: 45 PM – 04:45 PM
10.02.2020	Inauguration note and Introduction of Participants Opening Remarks	TEA BREAK	Negative Effects of Waste Resource Person: Dr. Smirti Agarwal SOD	LUNCH	Sustainable Design and Its Applications Resource Person: Dr. Sukhvir Singh SOD
11.02.2020	Sustainable Design — Research Your Users Resource Person: Mr. Deepak Khandelwal SOD		Diminishing returns Resource Person: Dr. Sukhvir Singh SOD		Unsustainable investment Resource Person: Mr. Sushil Kumar Bisnoi SOD
12.02.2020	Sustainable Design problem solving Resource Person: Dr. Smirti Agarwal SOD		Waste prevention Resource Person: Mr. Sushil Kumar Bisnoi SOD		Sustainable Design Philosophy, people and processes. Resource Person: Dr. Smirti Agarwal SOD
13.02.2020	Sustainable Design methodology Resource Person: Mr. Vinay Verma SOD		Negative Effects of Waste Resource Person: Mr. Sushil Kumar Bisnoi SOD		Sustainable Design Challenging Common Assumptions. Resource Person: Dr. Sukhvir Singh SOD
14.02.2020	Climate change Resource Person: Dr. Smirti Agarwal SOD		Waste prevention strategies Resource Person: Mr. Vinay Verma SOD		Bill of Rights for the Planet Resource Person: Mr. Deepak Khandelwal SOD
15.02.2020	Conventional problem-solving practices in Sustainable Design Resource Person: Dr. Sukhvir Singh SOD		Loss of Biodiversity Resource Person: Mr. Sushil Kumar Bisnoi SOD		Sustainable design standards. Resource Person: Dr. Smirti Agarwal SOD

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Online FDP on Sustainable Design 2019-20 from 10.2.2020 TO 15.2.2020

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Online FDP on Sustainable Design from 10.2.2020 TO 15.2.2020

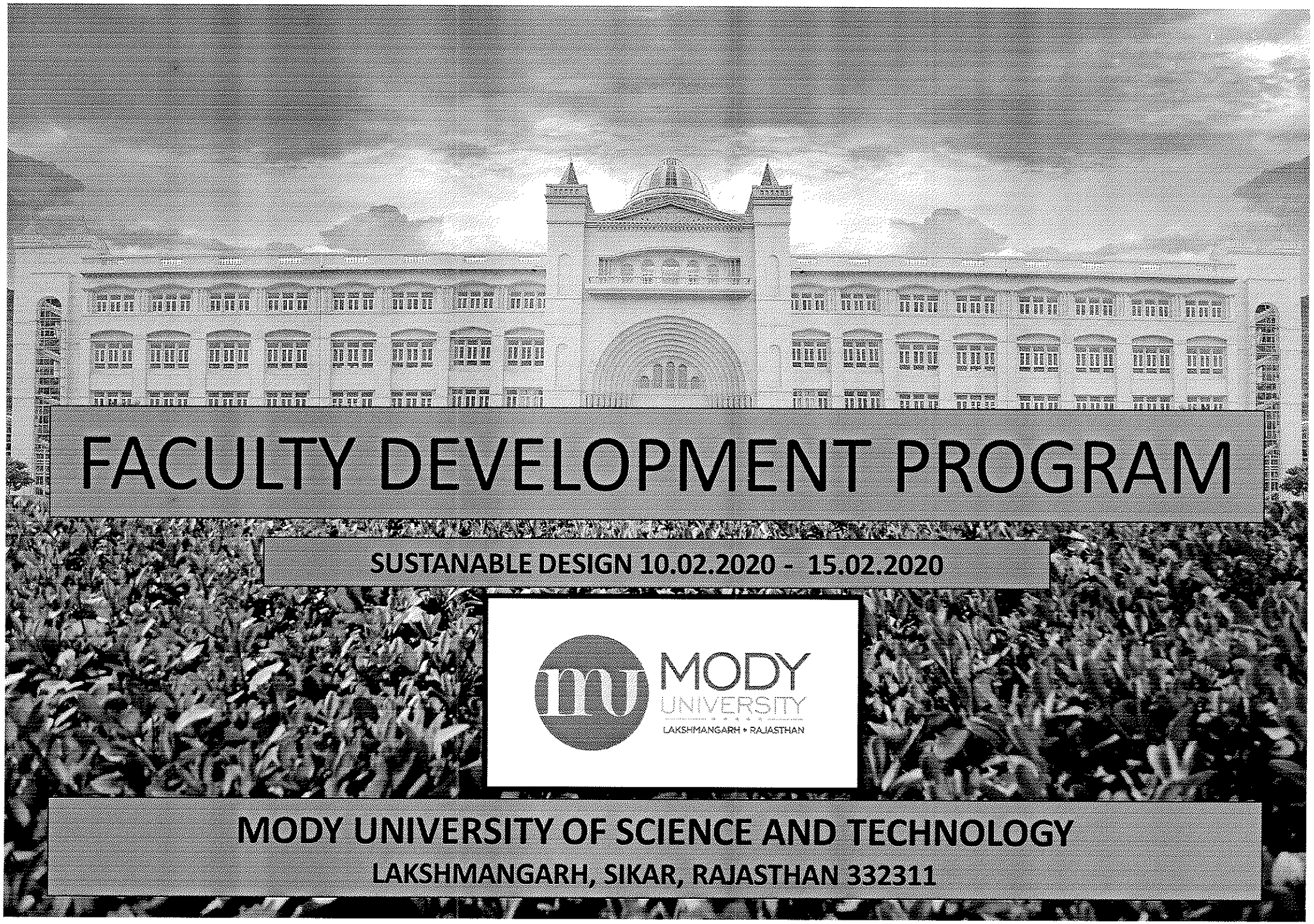


Mody University of Science and Technology is a state private University with the objective of encouraging and motivating the women population and to avail quality education with world-class infrastructure and facilities in an IT- savvy environment. The department of Design works with a vision to emerge as a leading centre for Undergraduate and Post Graduate, study and research in fashion, Interior and graphic communication . It is aimed to generate skilled professionals for teaching and industrial sectors of Design and other related disciplines. School of Design, Mody University, he world is going through a transition phase where each and every element of the same needs an utmost care and requires reshaping through holistic design & its communication. An attention needs to be given in a more methodological manner. It goes without saying that Art, Design & Communication plays the most important role in this correction time and the same must be designed for its disseminator.

School of Design @ Mody University has a transparent and much focused vision to prepare an army of artists and designers. These will be sought after professionals and entrepreneurs meet the global requirements School of Design provides a collaborative & participatory learning sphere both physical & virtual to each participant for cohesive growth. Its conceptual and experimental pedagogy and inter-disciplinary curriculum offer students a critical and contemporary perspective on various art and design discipline to solve real world problems.

We WELCOME! You to the School of Design at Mody University, to write your own story and a bright future as an inspiration for million other students. Cad for textile design: Designer utilizes CAD to alter design drafts and make changes. Contingent upon what sort of textile a designer makes, they may utilize various kinds of CAD programming. There are frameworks for general textile design just as making sewed and printed textures. There are CAD frameworks for outline and sketch cushion applications that permit an individual to draw freehand straightforwardly on the PC. There are CAD frameworks that show a designer how a sort of texture may wrap on an expected piece of clothing. Some CAD programs even design weaving designs.

About the FDP: School of design Organizing Organizing Online FDP on "Sustainable Design" . The term "sustainable design" has been used in multiple disciplines, including but not limited to product design, architecture design, interior design, and graphic design. Sustainable design refers to the design process that integrates an environmentally friendly approach and considers nature resources as part of the design. Sharlyn Underwood, American Society of Interior Designers (ASID) Virginia chapter president and interior designer with SmithLewis Architecture, defines sustainable design in the architectural sector this way: "Sustainable design is the practice of designing buildings so that they exist in harmony with natural systems."Sustainable design acts as a philosophy that is applied by different companies, governmental entities, and non-governmental organizations to achieve a better future for the human race through the wise and low-volume consumption of Earth's resources. Companies and governments that have advanced design strategies have more potential to apply sustainable design than others. Companies such as IKEA, for example, are taking advanced steps toward building sustainable products.



FACULTY DEVELOPMENT PROGRAM

SUSTANABLE DESIGN 10.02.2020 - 15.02.2020

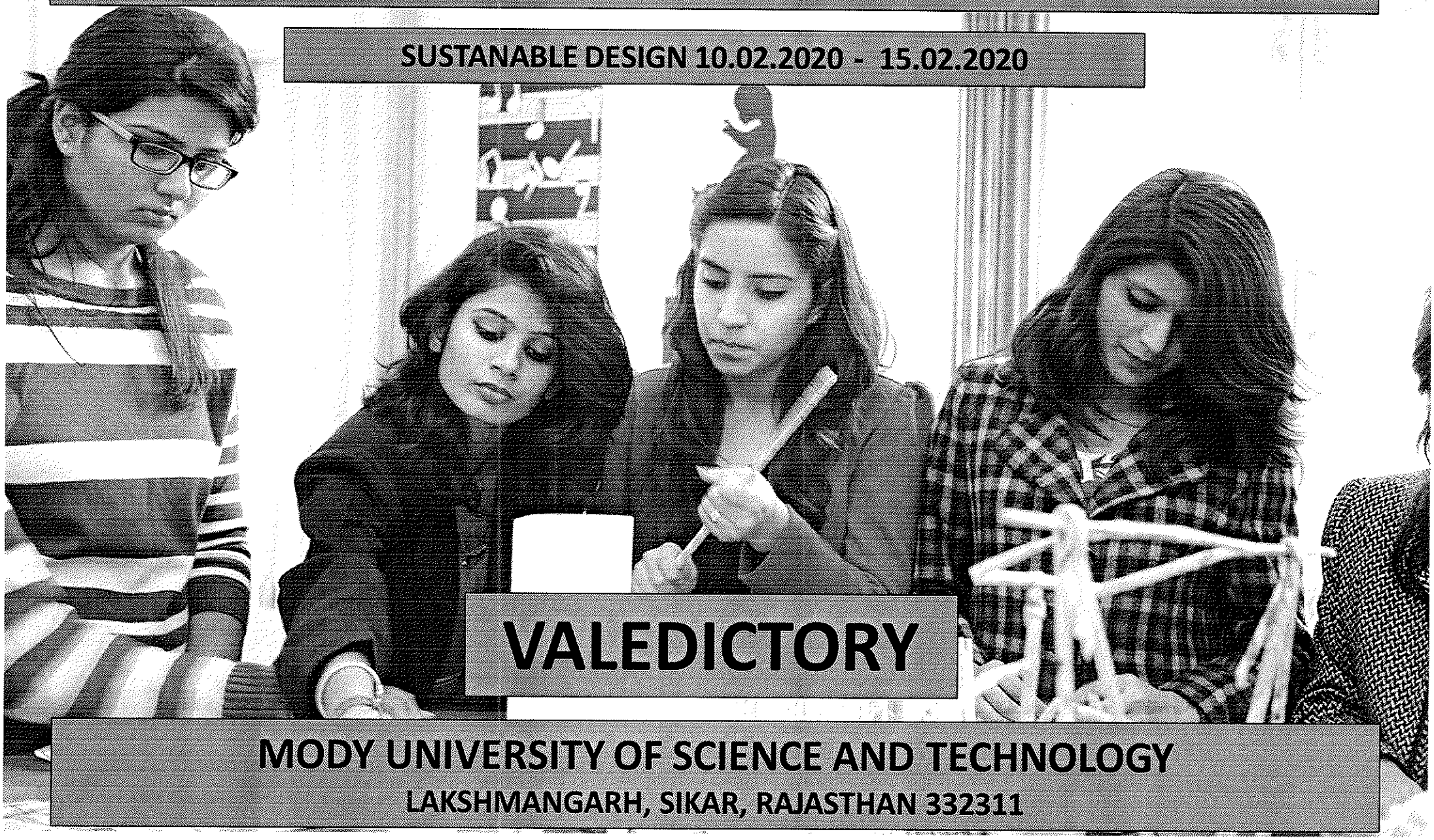
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FACULTY DEVELOPMENT PROGRAM

SUSTANABLE DESIGN 10.02.2020 - 15.02.2020



VALEDICTORY

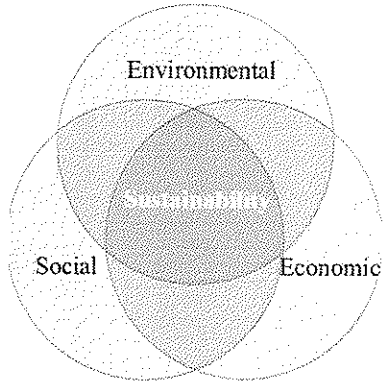
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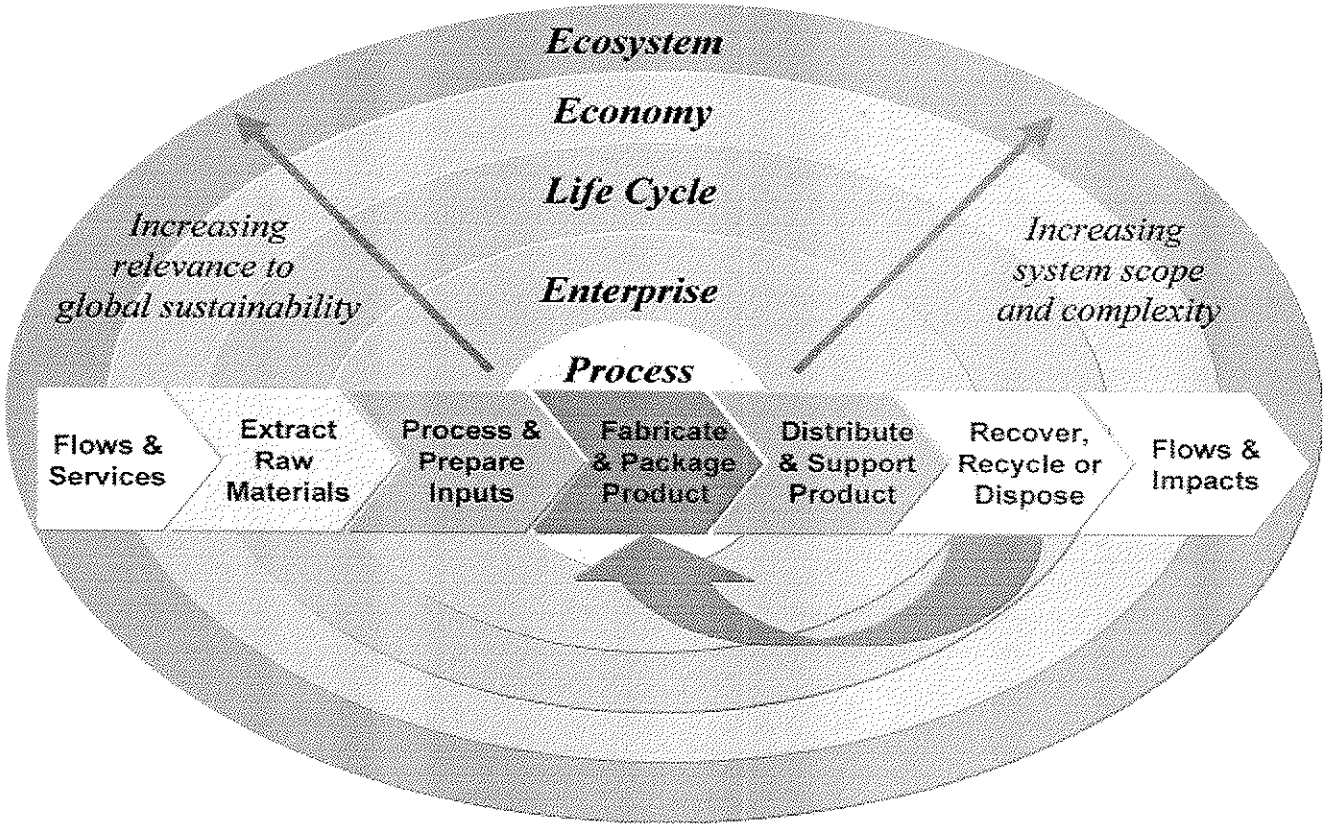
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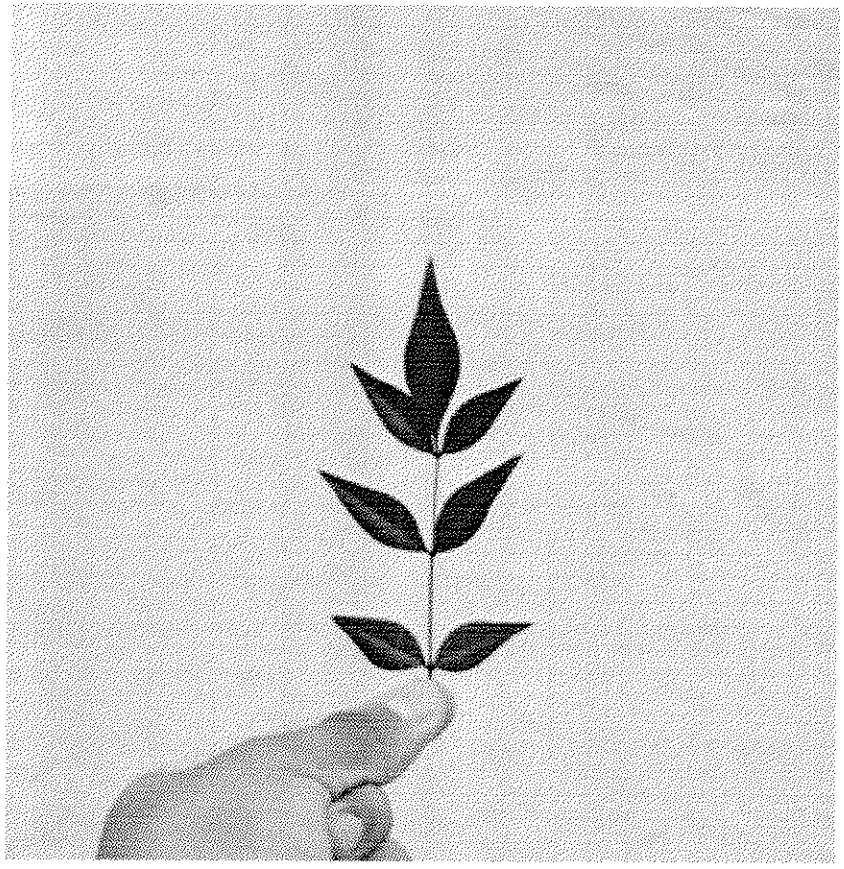
SUSTAINABLE DESIGN

Sustainable design seeks to reduce negative impacts on the environment, and the health and comfort of building occupants, thereby improving building performance. The basic objectives of sustainability are to reduce consumption of non-renewable resources, minimize waste, and create healthy, productive environments.

Design-related decisions are happening everywhere on a daily basis, impacting "sustainable development" or provisioning for the needs of future generations of life on earth. Sustainability and design are intimately linked. Quite simply, our future is designed. The term "design" is here used to refer to practices applied to the making of products, services, as well as business and innovation strategy — all of which inform sustainability. Sustainability can be thought of as the property of continuance; that is, what is sustainable can be continued into the future.



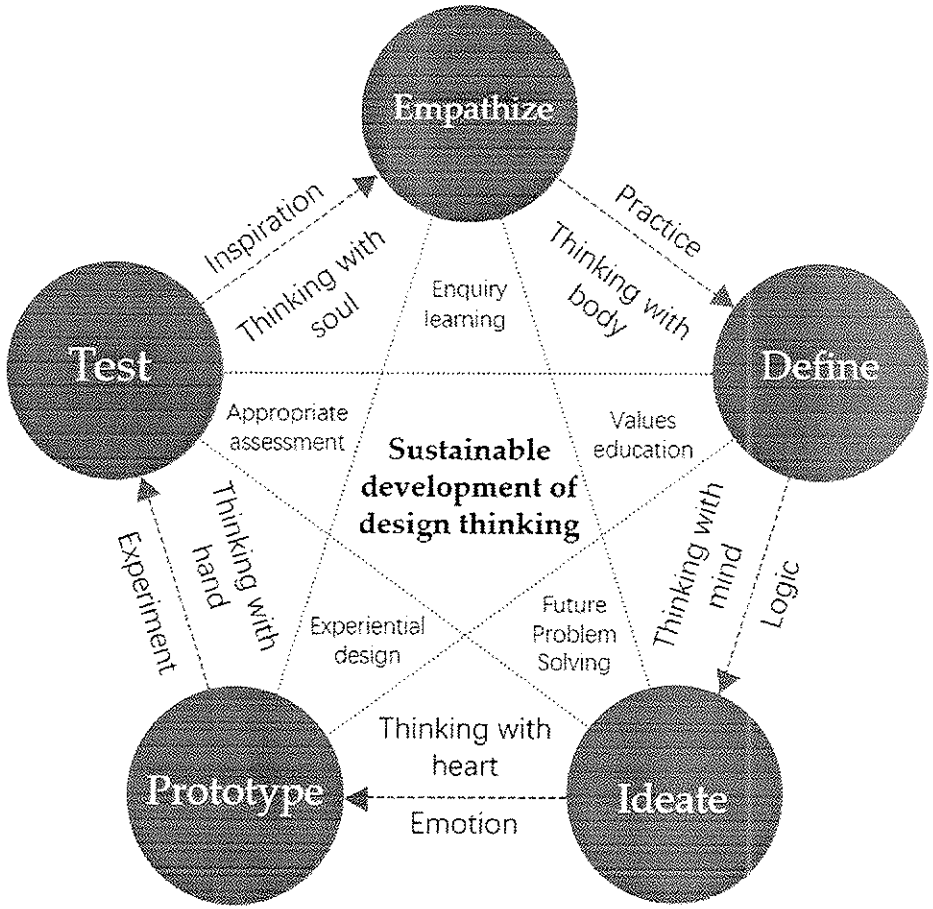




NEGATIVE EFFECTS OF WASTE

Experience has now shown that there is no completely safe method of waste disposal. All forms of disposal have negative effects on the environment, public innovation, and local economies. Landfills have contaminated drinking water. Garbage burned in incinerators has poisoned air, soil, and water. The majority of water treatment systems change the local ecology. Attempts to control or manage wastes after they are produced fail to eliminate environmental impacts.

The toxics components of household products pose serious health risks and aggravate the trash problem. In the U.S., about seven pounds in every ton of household garbage contains toxic materials, such as heavy metals like nickel, lead, cadmium, and mercury from batteries, and organic compounds found in pesticides and consumer products, such as air freshener sprays, nail polish, cleaners, and other products. When burned or buried, toxic materials also pose a serious threat to public health and the environment.





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FACULTY DEVELOPMENT PROGRAM (FDP)

SUSTAINABLE DESIGN 10.02.2020 – 15.02.2020

DISCUSSION DURING FDP:

In order for the designer to consider sustainable design throughout the process, the question becomes what are the stages of the design process and design development that you can consider changing in order to make a more sustainable product? Below are some ideas on how to implement sustainability in design for each design area:

- **Form**: The form represents the visual shape of the product and is usually perceived to be the main element of the design. Before designing a product's layout, however, the designer should ask questions like how will the shape affect energy consumption; and how will the size affect the packaging, transportation costs, and fuel emissions? For example, helped it reduce transport costs, fuel usage, and emissions.

- **Function and Usability:** The function and usability of the product contributes to its sustainability in an indirect way, as it helps consumers use the product more easily in less time and with less energy consumption. People do not want to keep hard-to-use products, so usable products can ensure less waste and throwaways.

- **Cost-Effective Solutions:** For many of today's sustainable products, cost is one of the key barriers that prevents many customers from making the switch from their dependence on non-sustainable products. Therefore, the designer and decision-makers are responsible for reducing the cost of current sustainable products.

- **Renewable Energy**: Designers should stop depending on carbon energy and think in terms of building products that depend on renewable energy, such as solar panels and wind farms.

- **Materials and Recycling:** Similar to energy, materials play an essential role in sustainable design, as every designer should search for materials that can be easily recycled or for which the planet can recreate in a short amount of time. For example, IKEA depends on mixed woods and innovative materials to replace traditional varieties of wood that can take a long time to grow in forests. The mixed and recycled materials can also help reduce product cost.

- **Durable Design Solutions:** In order to reach zero waste, products have to either be durable enough to last for a long time or be fully recycled and transformed completely into new products. Depending on both methods can help recycle products more than one time and decrease the dependence on Earth's resources.

Constant Improvement and Sharing of Knowledge Evaluation and improvement are important parts of any design process, but they take on even more importance in order to evaluate sustainable initiatives and improve them enough that they attain the same or better quality than existing products.

The principles above are general considerations that designers can depend on in order to build a sustainable design or service. Overall, the above design principles take into consideration the environment, people, economy, and culture. Every product or service design should consider these four factors. For example, the materials embedded in products should reflect concern for consumer safety and fit the cultural context in which they will be used.

Some obstacles that face some sustainable products are the result of a lack of consideration for these four values. In order to attract consumers to use a sustainable product, it should also address customer needs and compete in cost with other products on the market.

OUTCOMING OF THE FDP:

When designing public buildings with sustainability in mind, architects use the following top five sustainable architecture strategies:

1. Passive Sustainable Design. Passive strategies, such as considering sun orientation and climate when siting and being thoughtful about window placement and operation, are used to best manage daylighting and natural ventilation and go a long way in reducing energy requirements for the building. In certain climates, thermal mass techniques can be used to harness solar energy. In such cases, thick walls absorb heat from the sun during the day and release it into the building at night.

2. Active Sustainable Design. Architects consult with mechanical and electrical engineers to implement high-efficiency electrical, plumbing, HVAC, and other systems, which are designed to have small environmental footprints.

3. Renewable Energy Systems. Renewable energy systems, including those that harness solar and wind energy, are also great options for some buildings. These systems are often used in conjunction with passive design strategies.

4. Green Building Materials and Finishes. By making it a priority to purchase steel, lumber, concrete, and finishing materials, such as carpet and furnishings, from companies that use environmentally responsible manufacturing techniques or recycled materials, architects up the ante on sustainability.

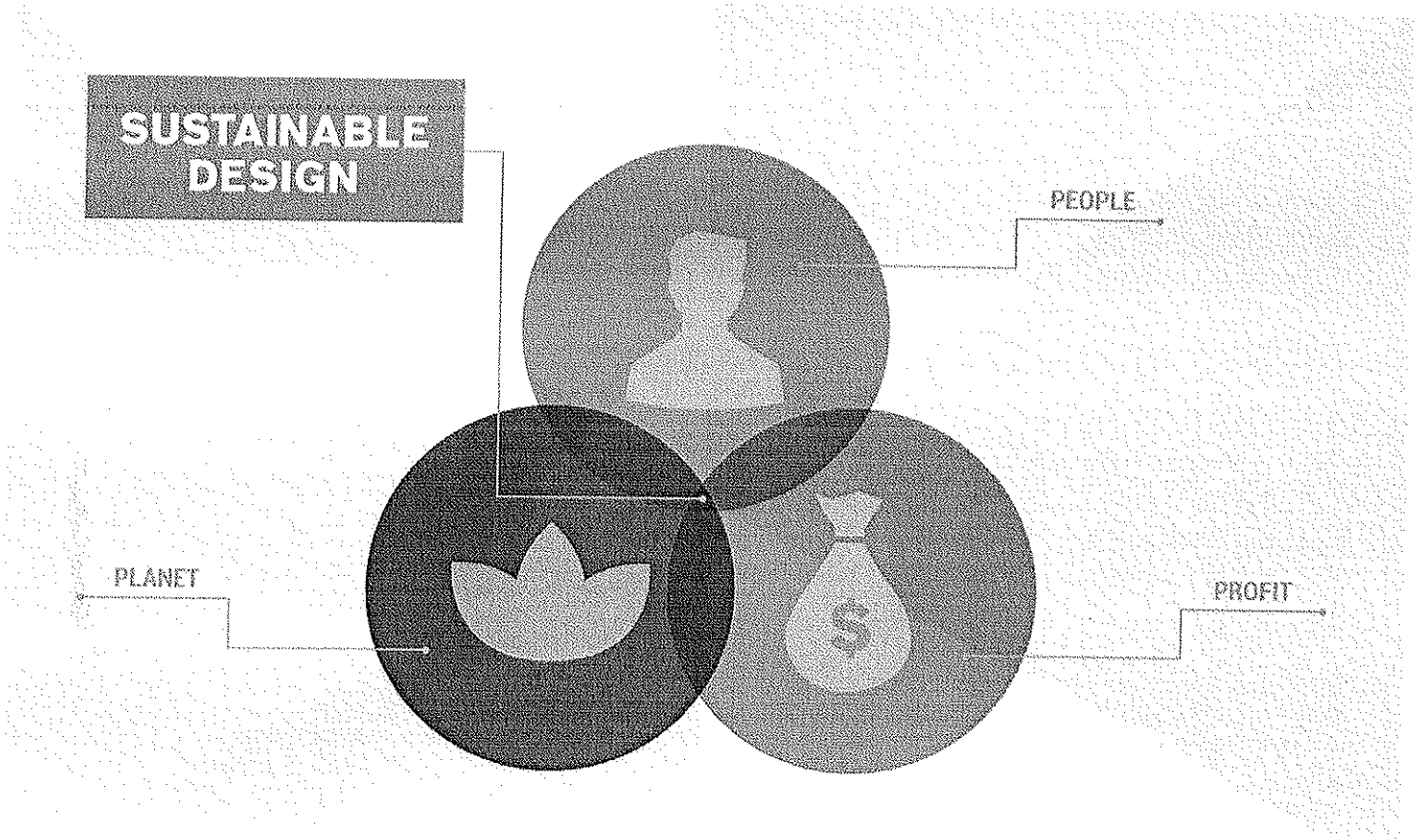
5. Native Landscaping. Landscaping choices can make a big impact in civic building water consumption. By using trees, plants, and grasses that are native to the area, architects can greatly reduce irrigation needs. Landscaping can also be used as part of a passive energy strategy. By planting trees that shade the roof and windows during the hottest time of the day, solar heat gain inside the building can be reduced.

6. Storm water Management. When rain falls on an untouched site, the water that doesn't evaporate absorbs back into the ground, replenishing the natural water table. However, when a building is placed on the site,

along with parking lots, sidewalks, access roads, and other hardscaping, rainfall behaves differently. The water runs off these surfaces and into storm drains. By implementing storm water management strategies, such as pervious pavement that helps to reduce runoff and retention ponds that capture runoff and slowly release water back into the ground, the negative environmental impact of buildings can be reduced.

Achievable Sustainability

Designing a sustainable public building should not be a daunting prospect. An experienced architect firm will listen carefully to your needs and concerns and will offer the sustainable architecture strategies that best meet your goals and budget.



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SAMPLE

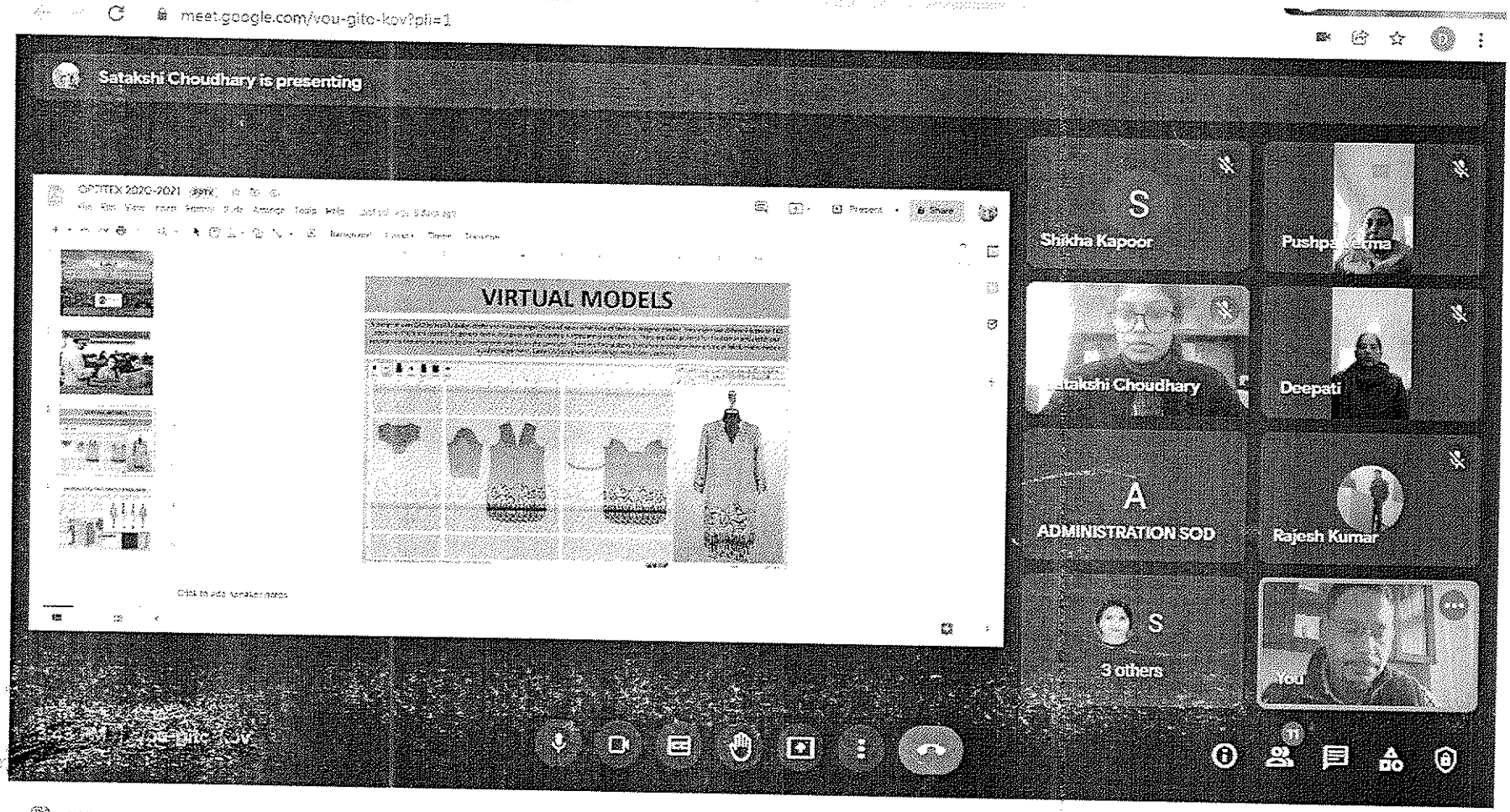
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participated in _____ Workshop / Guest Lecture

from date _____ to _____ organized by School of Design

(SOD), Mody University, Lakshmangarh (Rajasthan).

Convener *February 15, 2020* **CO-Convener**


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Satakshi Choudhary is presenting
VIRTUAL MODELS
Shikha Kapoor
Satakshi Choudhary
ADMINISTRATION SOD
3 others
Deepati
Rajesh Kumar
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The Mody University is a Private university aimed at helping the girl population avail quality education with world-class techniques in an IT-savvy environment. It gives the students an opportunity to study the subject they want. They can choose from numerous undergraduate and postgraduate courses of different disciplines like Arts, Science, Commerce, Engineering, Management, Law, Fashion, Interior Design, Architecture, Physiotherapy, Agriculture etc.

About School of Business

School of Business (SOB) has three major pillars of Management, Economics and Commerce - which combine together to make SOB a center of excellence for study of Business in totality. Even before it started being recognized that gender diversity and investing in female leaders make business sense, SOB has been delivering its under-graduate and post-graduate programs in management, economics and commerce though a unique mix of cross-functional approach to business, focus on issues impacting career-success of women in the professional world and seamless alignment with Indian beliefs and value-systems.

SCHOOL OF BUSINESS
Mody University of Science & Technology

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Faculty Development Programme

(011th to 15th March, 2020)

Contemporary Issues in Management, Economics and Commerce

Convener

Dr. Anirban Sengupta
Dean, School of Business, Mody University

Coordinators

Dr. Surendra Rajpurohit +91 89495 10063
Dr. Ashish Sharma +91 99283 67860

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SCHOOL OF BUSINESS

Faculty Development Programme

on

Contemporary Issues in Management, Economics and Commerce

(11th to 15th March, 2020)

List of Participants

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3	Mr. Sumit Kulshreshtha	Assistant Professor, MUST, Tel. 9929718918
4	Dr. Manish Didwania	Professor, MUST, Tel. 9929718918
5	Dr. Ashish Kumar Sharma	Assistant Professor, MUST, Tel. 9587078831
6	Dr. Sanjay Joshi	Assistant Professor, MUST, Tel. 6396386122
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8	Dr. B. S. Rathore	Professor, MUST, Tel. 9413043349
9	Ms. Meena Sharma	Research Scholar, MUST, Tel. 8949758032
10	Dr. Ashok Singh Rathore	Assistant Professor, MUST, Tel. 9772952331
11	Dr. Anjali Sharma	Assistant Professor, MUST, Tel. 9587078813
12	Dr. Prateek Bhanti	Associate Professor, MUST, Tel. 94146644006
13	Dr. Ajay Kumar	Assistant Professor, MUST, Tel. 9772850088


Abraham Maslow's Hierarchy



MODY UNIVERSITY
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33

SCHOOL OF BUSINESS

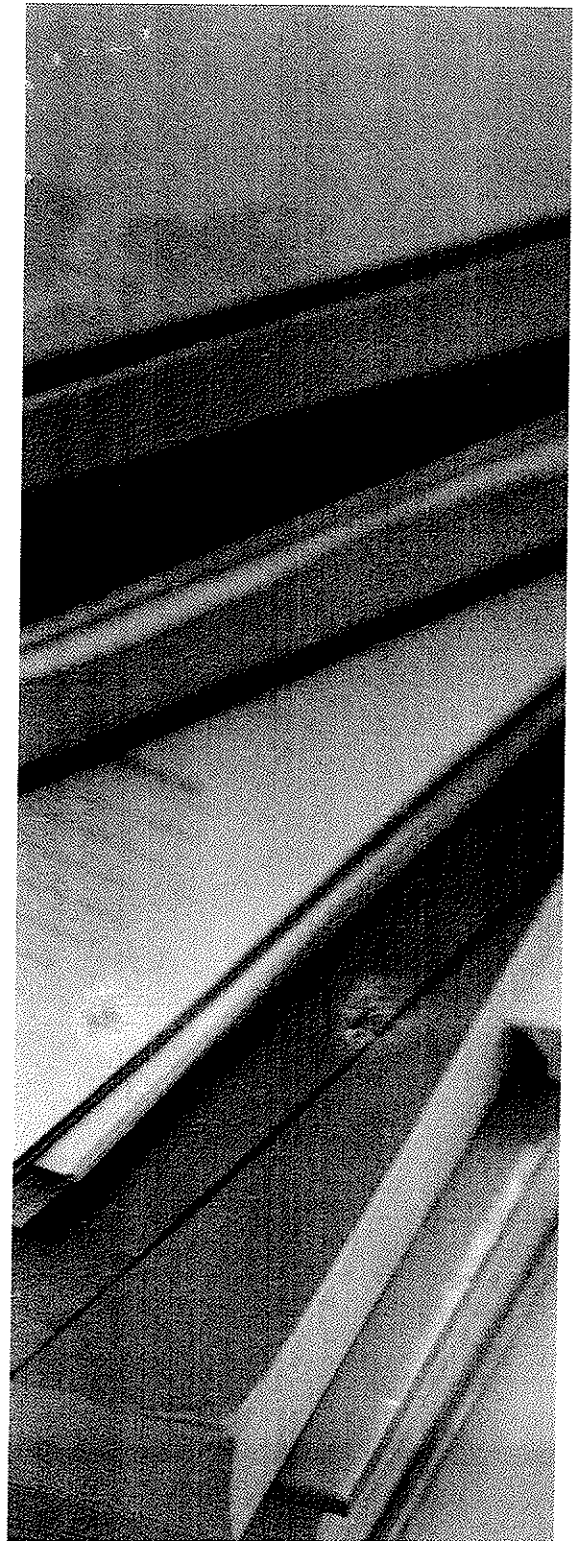
CERTIFICATE OF PARTICIPATION

AWARDED TO

---

for active participation in Faculty Development Programme on "**Contemporary Issues in Management, Economics and Commerce**" organized by School of Business, Mody University during 11th to 15th March, 2020.

Dean, SOB
March 15, 2020



MODY UNIVERSITY
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SCHOOL OF BUSINESS

CERTIFICATE OF APPRECIATION

AWARDED TO

---

in appreciation of notable contribution as a **Resource Person** in Faculty Development Programme on "**Contemporary Issues in Management, Economics and Commerce**" organized by School of Business, Mody University during 11th to 15th March, 2020.

Dean, SOB
March 15, 2020

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
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SCHOOL OF BUSINESS

Mody University of Science & Technology
Laxmangarh (Rajasthan) - 332311

SCHOOL OF BUSINESS

Faculty Development Programme
on
Contemporary Issues in Management, Economics and Commerce
(11th to 15th March, 2020)

Brief Report on Topics Discussed

The five days Faculty Development Programme which was successfully organized during 11th to 15th March 2020 deliberated upon various Contemporary Issues in Management, Economics and Commerce, and the discussions were duly facilitated by resource persons like Ms. Debjani Roy, Chief HR Officer, Mind Your Fleet; Dr. Atanu Mandal, Management Consultant & Corporate Trainer and Dr. Surendra Rajpurohit, Associate Professor, School of Business, Mody University.

A number of important and contemporary topics were discussed during the FDP, namely The next generation management skills, Innovation and Sustainability, Paradigm Shifts in Marketing Management, How to lead during turbulent times, Understanding Stakeholder Model of Business, Keeping pace with the changing technology, Interpreting Fiscal & Monetary Policies, Developing budding managers vs. budding entrepreneurs, and Managing diversity in the workforce.

The active participation by all the participants has not only enhanced the overall learning, but has also resulted into an enjoyable experience, making the FDP highly successful.

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SCHOOL OF BUSINESS

Mody University of Science & Technology
Laxmangarh (Rajasthan) - 332311

SCHOOL OF BUSINESS

Faculty Development Programme

on

Contemporary Issues in Management, Economics and Commerce

(11th to 15th March, 2020)

Outcomes of FDP

The major outcomes of the Five-Days FDP on 'Contemporary Issues in Management, Economics and Commerce' have been following -

- Created awareness among all the participants about the contemporary issues in Management, Economics and Commerce.
- Discussed and deliberated on the current scenario and challenges in Management, Economics and Commerce
- Deliberated on the various innovative trends and best practices in the fields of Management, Economics and Commerce
- Critically evaluated the role of monetary and fiscal policies with respect to sustainable economic activity, as well as in assisting businesses


MODY
SCHOOL OF
BUSINESS
4th Faculty Development Programme
on
Contemporary Issues in Management,
Economics and Commerce
11th to 15th March, 2020

To,

03.02.2020

The Dean
School of Liberal Arts
Mody University of Science and Technology, Sikar

Subject: For conducting Online FDP on Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research (11th – 23rd May, 2020)

Respected Madam,

With reference to the subject, we would like to put up a proposal for conducting Two week faculty development programme for developing awareness about practical approach and applications in Biotechnology and Biochemistry teaching and research.

As this FDP aims to provide teachers and research scholars of MUST as well as external participants with cutting-edge training for their own professional growth. We look for your kind approval of the same.

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

Thanking you in anticipation

Thanks & Regards

Organizing secretaries

Dr. R.K. Verma
Assistant Professor

Dr. R.S. Chundawat
Assistant Professor

Forwarded by:

HEAD
Department of Bioscience
MUST

Approved by:

DEAN, SLAS, MUST

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)
Organized by

Department of Biosciences, School of Liberal Arts and Sciences (SLAS)
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 Biotechnology, Microbiology, Bio-catalysis & Bio transformation and Environmental Biotechnology. It is aimed to generate skilled professionals for teaching and industrial sectors of Biotechnology, Microbiology, Food Technology and other related disciplines.

About the FDP: This faculty development program (FDP) is devoted to address the need of biotechnology and biochemistry in crop improvement. Biotechnology improves crop insect resistance, enhances crop herbicide tolerance and facilitates the use of more environmentally sustainable farming practices. Biotechnology 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 biotechnology and biochemistry in crop improvement and its applications in various fields with hands-on experience.

Major Course Contents:

- Molecular detection of plant pathogens
- PGPRs and their role in plant stress
- Development of resistant crops against plant viruses
- Toxicological effect of pesticide on human and animals for safety purposes
- Biochemistry of drought resistance, proline and hydroxyproline imparts drought resistance to economic important crops.
- To evaluate nutritive value of cereals, pulses, poultry and cattle feed
- Food preservation and processing technology and post-harvest physiology of fruit crops and vegetables and their nutritional quality.
- Primer Designing for diagnosis of novel viruses
- Metal ions in chelation therapy
- Coordination Compounds and their biological applications

Important dates:
Last date for submission of Application: 08/05/2020
Duration : 11/05/2020 to 23/05/2020

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

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 : _____

SAMPLE

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Organizing Committee and Resource Person

Convener : **Prof. Uma Bharadwaj**

Coordinator : **Dr. R.S. Chundawat**
: **Dr. Rakesh Kumar Verma**

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Prof. (Dr.) Uma Bharadwaj	Professor, MUST	1. Research Ethics and Opportunities 2. DNA: The Molecular basis of Life
2	Dr. B.K. Goyal	Professor, MUST	1. Invitro analysis of phenolic compounds and insect induced plant tumors of Cordia dicotona 2. Nutritional value of phytochemicals obtained from pulses
3	Dr. Amlan Das	Professor, MUST	1. Preparation and Characterization of plant protein-magnetite nano-bio hybrid
4	Dr. K.L. Ameta	Associate Professor, MUST	1. Applications of flavones as anti-fungal agents 2. Bis- and mono- substituted chalcones as antifeedant agents.
5	Dr. Mangal Singh Rathore	Principal Scientist, CSMCRI, Bhavnagar.	1. Role of PGPR's in plant stress metabolism
6	Dr. N.S. Chundawat	Head, Dept. of Chemistry, BN University, Udaipur	1. Impact of Metal ions in chelation therapy
7	Dr. K.P. Sharma	Asst Professor, MUST	1. Protein Purification Techniques 2. Primer Designing
8	Dr. Naveen Dhingra	Asst. Professor, SAGE, Indore	1. Applications of Computational biology in Biotechnology 2. Applications of QSAR in Cancer Research

9	Dr. Shekhar Jain	Associate Professor, HOD, Mandsaur University	1. PCR: The Golden Standard Technique for Molecular Biology 2. Induction of Jasmonic Acid and Defense-Related Proteins in Soybean Plant Against Fusarium oxysporum
10	Dr. Sandeep Jaiswal	Associate Professor, MUST	1. Applications of Computer Methods for Diagnosis and Prognosis of Diseases
11	Dr. Harlal Singh	Associate Professor, MUST	1. Bonding theories of coordination compounds 2. Coordination Compounds and their biological applications
12	Dr. Jakir Hussain	Environment Specialist, Upper Yuman River Board, Department of Water Resources, Ministry of Jal Shakti, New Delhi	1. Effect of physicochemical and biological parameters on the quality of river water of Narmada, Madhya Pradesh, India 2. Re-188 N-DEDC lipiodol for trans-arterial therapy in HCC: labeling efficiency and bio-distribution
13	Mr. Rajeev Singh	Lecturer, MUST	1. How Audio-Visual Media make biosciences more impactful

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

List of Participants

S. No.	Name	Address and Contact Details
1.	Ms. Poornima Saraswat	Ph.D. Scholar, MUST
2.	Dr. Navneet Joshi	Assistant Professor (Biotechnology, SLAS, MUST)
3.	Dr. Harish Kumar Dhingra	Assistant Professor (Biotechnology, SLAS, MUST)
4.	Dr. Sunita Rao	Assistant Professor (Biotechnology, SLAS, MUST)
5.	Dr. Anurag Sahu	Research Associate, ICGIB, Delhi
6.	Dr. Anukool Vaishnav	Research Associate, NPDF, BHU
7.	Dr. Chitra	Sikar, Rajasthan
8.	Dr. Monika Sharma	Sikar, Rajasthan
9.	Dr. Ritesh Mishra	Research Associate, Volcani Institute, Israel
10.	Ms. Sarika Chundawat	Lakshmangarh, Sikar, Rajasthan
11.	Dr. Sheetal Trikha	Assistant Professor, Microbiology, Punjab
12.	Dr. Sarita Khathuriya	Assistant Professor (Chemistry, SLAS, MUST)
13.	Mr. Nitesh Kumar Singh	PhD. Scholar, NIT, Raipur
14.	Dr. Maish Kumar	Assistant Professor (Biomedical Engineering, SET, MUST)
15.	Dr. P Shakti Prakash	Assistant Professor (Biomedical Engineering, SET, MUST)
16.	Dr. Anyana Saikia	Assistant Professor (Biomedical Engineering, SET, MUST)
17.	Ms. Anukriti	PhD Scholar, SRHU, Dehradun
18.	Ms. Geeta Rawat	PhD Scholar, SRHU, Dehradun
19.	Ms. Usha Rani	PhD Scholar, SRHU, Dehradun
20.	Ms. Sangeeta Rawat	PhD Scholar, SRHU, Dehradun
21.	Ms. Lata	PhD Scholar, DAU, Indore
22.	Mr. Ashu	PhD Scholar, DAU, Indore
23.	Mr. Amit Kapoor	Asst. Professor, SAGE University, Kailod
24.	Ms. Varsha	PhD Scholar, DAU, Indore
25.	Md. Syed Danish Anjum	PhD Scholar, DAU, Indore

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
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(11th – 23rd May, 2020)

Date/Period	10:30-12:00 PM	12:00-01:30 PM	02:30-04:30 PM
11/05/20	***Inaugural*** *Introduction to Workshop & Welcome Note* **Dr. R.S. Chundawat**	*Research Ethics and Opportunities* Resource Person: **Prof. (Dr.) Uma Bhardwaj,**	Sterilization, disinfection and safety in microbiological laboratory. Preparation of media for cultivation of bacteria
12/05/20	***Biochemistry for Society*** Resource Person: **Prof. (Dr.) Uma Bhardwaj**	Effect of physicochemical and biological parameters on the quality of river water of Narmada, Madhya Pradesh, India Resource Person: **Dr. Jakir Hussain**	Isolation of bacteria in pure culture by streak plate method.
13/05/20	Re-188 N-DEDC lipiodol for trans-arterial therapy in HCC: labeling efficiency and bio-distribution Resource Person: **Dr. Jakir Hussain**	Bonding theories of coordination compounds Resource Person: **Dr. Harlal Singh**	Study of colony and growth characteristics of some common bacteria: Bacillus, E. coli, Staphylococcus, Streptococcus, etc. Preparation of bacterial smear and Gram"s staining.
14/05/20	Invitro analysis of phenolic compounds and insect induced plant tumors of Cordia dicotona Resource Person: **Prof. B.K. Goyal**	Coordination Compounds and their biological applications Resource Person: **Dr. Harlal Singh**	Enumeration of bacteria: standard plate count. Antimicrobial sensitivity test and demonstration of drug resistance.

15/05/20	Protein Purification Techniques Resource Person: **Dr. K.P. Sharma**	Impact of Metal ions in chelation therapy Resource Person: **Dr. N. S. Chundawat**	Kinetics of growth in batch cultivation- estimation of Monod kinetic parameters
16/05/20	Preparation and Characterization of plant protein-magnetite nano-bio hybrid Resource Person: **Prof. Amlan Das**	Bis- and mono- substituted chalcones as antifeedant agents. Resource Person: **Dr. K. L. Ameta**	Temperature effect on growth-estimation of energy of activation and Arrhenius Constant for microorganisms. Development of enzyme assays and quantification of enzyme activity and specific activity
18/05/20	***DNA Sequencing*** Resource Person: **Dr. Rakesh Kumar Verma**	Bis- and mono- substituted chalcones as antifeedant agents. Resource Person: **Dr. K. L. Ameta**	Genomic DNA isolation from different sources Plasmid DNA isolation and DNA quantitation
19/05/20	***Evolution in Plant RNA viruses*** Resource Person: **Dr. Rakesh Kumar Verma**	Role of PGPR's in plant stress metabolism Resource Person: **Dr. Mangal Singh Rathore**	Restriction Enzyme digestion of plasmid DNA. Agarose gel electrophoresis.
20/05/20	Applications of Computational biology in Biotechnology Resource Person: **Dr. Naveen Dhingra**	***Primer Designing*** Resource Person: **Dr. K.P. Sharma**	Polymerase Chain reaction. DNA Ligation.

21/05/20	Nutritional value of phytochemicals obtained from pulses Resource Person: **Dr. B.K. Goyal**	Applications of Computational biology in Biotechnology Resource Person: **Dr. Naveen Dhingra**	Preparation of competent cells. Transformation of E.coli with standard plasmids, Calculation of transformation efficiency.
22/05/20	PCR: The Golden Standard Technique for Molecular Biology Resource Person: **Dr. Shekhar Jain**	How Audio-Visual Media make biosciences more impactful Resource Person: **Mr. Rajeev Singh**	Confirmation of the insert, Miniprep of recombinant plasmid DNA, Restriction mapping. Vector mediated gene transfer in plants
23/05/20	Applications of Computer Methods for Diagnosis and Prognosis of Diseases Resource Person: **Dr. Sandeep Jaiswal**	Induction of Jasmonic Acid and Defense-Related Proteins in Soybean Plant Against Fusarium oxysporum Resource Person: **Dr. Shekhar Jain**	Effect of different pH, Temp, Moisture, and Salt Concentration on plant growth PGPRs and their activity analysis

Online Google Meet link for all sessions will remain same.

FDP (11th – 23rd May, 2020)
Monday, May 11, 2020
Google Meet joining info:
Video call link: https://meet.google.com/abi-gyfv-fhn

MODY UNIVERSITY
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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Attendance Sheet

S. No.	Name	11th	12th	13th	14th	15th	16th
1.	Ms. Poornima Saraswat	P	P	P	P	P	P
2.	Dr. Navneet Joshi	P	P	P	P	P	P
3.	Dr. Harish Kumar Dhingra	P	P	P	P	P	P
4.	Dr. Sunita Rao	P	P	P	P	P	P
5.	Dr. Anurag Sahu	P	P	P	P	P	P
6.	Dr. Anukool Vaishnav	P	P	P	P	P	P
7.	Dr. Chitra	P	P	P	P	P	P
8.	Dr. Monika Sharma	P	P	P	P	P	P
9.	Dr. Ritesh Mishra	P	P	P	P	P	P
10.	Ms. Sarika Chundawat	P	P	P	P	P	P
11.	Dr. Sheetal Trikha	A	A	A	A	A	A
12.	Dr. Sarita Khathuriya	P	P	P	P	P	P
13.	Mr. Nitesh Kumar Singh	P	P	P	P	P	P
14.	Dr. Maish Kumar	P	P	P	P	P	P
15.	Dr. P Shakti Prakash	P	P	P	P	P	P
16.	Dr. Anyana Saikia	P	P	P	P	P	P
17.	Ms. Anukriti	P	P	P	P	P	P
18.	Ms. Geeta Rawat	P	P	P	P	P	P
19.	Ms. Usha Rani	P	P	P	P	P	P
20.	Ms. Sangeeta Rawat	P	P	P	P	P	P
21.	Ms. Lata	P	P	P	P	P	P
22.	Mr. Ashu	P	P	P	P	P	P
23.	Mr. Amit Kapoor	P	P	P	P	P	P
24.	Ms. Varsha	P	P	P	P	P	P
25.	Md. Syed Danish Anjum	P	P	P	P	P	P

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Attendance Sheet

S. No.	Name	18th	19th	20th	21st	22nd	23rd
1.	Ms. Poornima Saraswat	P	P	P	P	P	P
2.	Dr. Navneet Joshi	P	P	P	P	P	P
3.	Dr. Harish Kumar Dhingra	P	P	P	P	P	P
4.	Dr. Sunita Rao	P	P	P	P	P	P
5.	Dr. Anurag Sahu	P	P	P	P	P	P
6.	Dr. Anukool Vaishnav	P	P	P	P	P	P
7.	Dr. Chitra	P	P	P	P	P	P
8.	Dr. Monika Sharma	P	P	P	P	P	P
9.	Dr. Ritesh Mishra	P	P	P	P	P	P
10.	Ms. Sarika Chundawat	P	P	P	P	P	P
11.	Dr. Sheetal Trikha	A	A	A	A	A	A
12.	Dr. Sarita Khathuriya	P	P	P	P	P	P
13.	Mr. Nitesh Kumar Singh	P	P	P	P	P	P
14.	Dr. Maish Kumar	P	P	P	P	P	P
15.	Dr. P Shakti Prakash	P	P	P	P	P	P
16.	Dr. Anyana Saikia	P	P	P	P	P	P
17.	Ms. Anukriti	P	P	P	P	P	P
18.	Ms. Geeta Rawat	P	P	P	P	P	P
19.	Ms. Usha Rani	P	P	P	P	P	P
20.	Ms. Sangeeta Rawat	P	P	P	P	P	P
21.	Ms. Lata	P	P	P	P	P	P
22.	Mr. Ashu	P	P	P	P	P	P
23.	Mr. Amit Kapoor	P	P	P	P	P	P
24.	Ms. Varsha	P	P	P	P	P	P
25.	Md. Syed Danish Anjum	P	P	P	P	P	P

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Nitesh Kumar Singh
2. Designation : PhD Scholar
3. Institution : NIT, Raipur
4. Email : 9868427819
5. Mobile No : nitkum221@gmail.com
6. Address for correspondence :
7. Educational qualification : M.Tech.
8. Subjects taught for : Biomedical Sciences
9. Experience in years : 2 years
   i. Teaching : 2 years
   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:

N. K. Singh
Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Dr. Manish Kumar
2. Designation : Assistant Professor
3. Institution : Mody University of Science & Technology
4. Email : MANISHKUMAR.SET@modyuniversity.ac.in
5. Mobile No : 7979883845
6. Address for correspondence : Lachhamangarh, Sikar, Rajasthan
7. Educational qualification : Ph.D.
8. Subjects taught for : B.TECH
9. Experience in years :
   i. Teaching : 02
   ii. Research : 05
   iii. Industry : 01

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.

Manish Kumar

Date: Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Dr. Sarita Khaturia
2. Designation : Assistant Professor
3. Institution : Mody University of Science and Technolo
4. Email : Sarita
5. Mobile No : 7737075719
6. Address for correspondence : Deptt. of chemistry, SLAS
7. Educational qualification : NET, GIATE, M.Phil, Ph.D
8. Subjects taught for : Biochemistry
9. Experience in years : 13 years
   i. Teaching : 13 years
   ii. Research : 12 years
   iii. Industry : Nil

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: 5/05/20

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1.	Name	: Dr. Anukool Vaishnav
2.	Designation	: Principal Investigator (SERB-NPDF)
3.	Institution	: Banaras Hindu University
4.	Email	: anukoolv7@gmail.com
5.	Mobile No	: +919983750974
6.	Address for correspondence	: Department of Mycology and Plant Pathology, Institute of Agricultural Sciences, Banaras Hindu University, Varanasi, Uttar Pradesh
7.	Educational qualification	: Ph.D.
8.	Subjects taught for	: Nil
9.	Experience in years	: Plant Pathology
	i. Teaching	: 1
	ii. Research	: 7
	iii. Industry	: Nil

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: 3/05/2021

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Ms. POORNIMA SARASWAT
2. Designation : LECTURER
3. Institution : MODY UNIVERSITY OF SCIENCE & TECHNOLOGY
4. Email : poornimasaraswat@gmail.com
5. Mobile No : 9910535145
6. Address for correspondence : C-80, SURYA NAGAR, GHAZIABAD, U.P-201011
7. Educational qualification : M.Sc., Ph.D (SUBMITTED)
8. Subjects taught for : FOOD SCIENCE & NUTRITION.
9. Experience in years : 9.5 YEARS.
   i. Teaching : 2.5 YEARS.
   ii. Research : 7 YEARS.
   iii. Industry : 3 YEARS.

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.

Poornima

Date:

Signature of the Applicant
(POORNIMA SARASWAT)

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Dr. Navneet Joshi
2. Designation : Asst. Prof. (Biotech)
3. Institution : Mody University of Science & Technology
4. Email : navybiotech@gmail.com
5. Mobile No : 9982776102
6. Address for correspondence : DBBS, Mody University.
7. Educational qualification : PhD
8. Subjects taught for : UG/PG
9. Experience in years : 16
   i. Teaching : 09
   ii. Research : 06
   iii. Industry : 01

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: 05/05/2020

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Dr. Harish Kumar Dhingra
2. Designation : A.P.
3. Institution : Mody University of Science & Tech., Raj
4. Email : harishdhingra2000@gmail.com
5. Mobile No : 9461536233
6. Address for correspondence : Deptt of Biosciences, MU, SLAS, Mody University, Raj
7. Educational qualification : Ph.D.
8. Subjects taught for : Molecular Biology, Genetic Engineering
9. Experience in years :
   i. Teaching : 14 years
   ii. Research : 16 years
   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: 1/5/2020

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Ms. Sarika Chundawat
2. Designation : Lecturer
3. Institution :
4. Email : sarikachundawat@gmail.com
5. Mobile No : 8696905599
6. Address for correspondence : Bhati House, Behind Bhagirath hostel. Adarsh Nagar, Laxmangarh
7. Educational qualification : M.Sc. NBT.
8. Subjects taught for : Food & Nutrition
9. Experience in years : 6 years.
   i. Teaching : 6 years.
   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.

Sarika

Date: 6/5/20

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : DR. ANGANA SAIKIA
2. Designation : RESEARCH ASSOCIATE - I
3. Institution : NORTH EASTERN HILL UNIVERSITY, SHILLONG
4. Email : lovelyangana.03@gmail.com
5. Mobile No : 9435700171
6. Address for correspondence : DEPT OF BIOMEDICAL ENGG, NEHU SHILLONG MEGHALAYA
7. Educational qualification : PhD, M.TECH, B.E
8. Subjects taught for : BIOMEDICAL INSTRUMENTATION
9. Experience in years :
   - i. Teaching : 2.5
   - ii. Research : 4
   - 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.

Angana Saikia

Date: Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Dr. P. SHAKTI PRAKASH
2. Designation : Assistant Professor
3. Institution : SET, Mody University, Rajasthan
4. Email : psprakash.set@modyuniversity.ac.in
5. Mobile No : 9452378901
6. Address for correspondence : Laxmangarh, opposite Mody University
7. Educational qualification : Ph.D., M.Tech.
8. Subjects taught for : Anatomy & Physiology, Microbiology & Pathology e
9. Experience in years :
   - i. Teaching : 5 yrs.
   - ii. Research : 6 yrs.
   - iii. Industry : 0.6 yrs.

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1.	Name	: Ritesh Mishra
2.	Designation	: PBC Post-Doctoral Fellow
3.	Institution	: Hebrew University of Jerusalem, Israel
4.	Email	: biotech2ritesh@gmail.com
5.	Mobile No	: 7065922892
6.	Address for correspondence	: Hebrew University of Jerusalem, Rehovot, Israel, 76100.
7.	Educational qualification	: PhD
8.	Subjects taught for	: Plant Molecular Biology
9.	Experience in years	: 8
	i. Teaching	: None
	ii. Research	: 8
	iii. Industry	: None

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.

Ritesh Mishra

Date: Signature of the Applicant

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

ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th– 23rd May, 2020)

Registration Form

1.	Name	: Anukriti
2.	Designation	: PhD scholar
3.	Institution	: Swami Rama Himalayan University
4.	Email	: canmeetanu@gmail.com
5.	MobileNo	:7060120833
6.	Addressforcorrespondence	: 565, Avas Vikas Colony, Rishikesh
7.	Educational qualification	: B.Tech, M.Tech, PhD (Persuing)
8.	Subjectstaughtfor	:Biochemistry, Bioinformatics, Systems biology, RDT
9.	Experience inyears	:_____
	i. Teaching	: 3
	ii. Research	:_____
	iii.Industry	:2

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in

ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th– 23rd May, 2020)

Registration Form

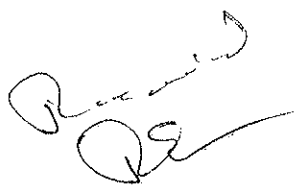
1.	Name	: Usha Rani
2.	Designation	: PhD scholar
3.	Institution	: Swami Rama Himalayan University
4.	Email	: ushar1988@gmail.com
5.	MobileNo	:7895481543
6.	Addressforcorrespondence	: 70, jhajjar road, Gumaniwala
7.	Educational qualification	: PhD (Persuing)
8.	Subjectstaughtfor	:Biotechnology, Genetics
9.	Experience inyears	:_____
	i. Teaching	: 3
	ii. Research	: _____
	iii. Industry	:0

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in



MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th– 23rd May, 2020)

Registration Form

1.	Name	: Geeta Rawat
2.	Designation	: PhD scholar
3.	Institution	: Swami Rama Himalayan University
4.	Email	: geetarawat171@gmail.com
5.	MobileNo	:7409299185
6.	Addressforcorrespondence	: Jolly Grant, Dehradun
7.	Educational qualification	: PhD (Persuing)
8.	Subjectstaughtfor	:genetics, microbiology
9.	Experience inyears	:_____
	i. Teaching	: 1
	ii. Research	: 0
	iii. Industry	: 2

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in



ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th– 23rd May, 2020)

Registration Form

1.	Name	: Sangeeta Rawat
2.	Designation	: PhD scholar
3.	Institution	: Swami Rama Himalayan University
4.	Email	: sangurawat@gmail.com
5.	MobileNo	:9855293555
6.	Addressforcorrespondence	: Jolly Grant, Dehradun
7.	Educational qualification	: PhD (Persuing)
8.	Subjectstaughtfor	:medical microbiology
9.	Experience inyears	:_____
	i. Teaching	: 4
	ii. Research	: 2
	iii. Industry	: 0

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:
rschundawat.cash@modyuniversity.ac.in, rkverma.cash@modyuniversity.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

25. Name	: Ms. Lata
26. Designation	: Research Scholar
27. Institution	: Devi Ahilya University
28. Email	: latalife20@gmail.com
29. Mobile No	: 9630153352
30. Address for correspondence (M.P.)-452010	: School of Life Sciences, Devi Ahilya University, Indore
31. Educational qualification	: M.Sc. (Life Sciences)
32. Experience in years	: _____
x. Teaching	:
xi. Research	: 06
xii. 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:
rschundawat.cash@modyuniversity.ac.in,
rkverma.cash@modyuniversity.ac.in

Received

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

17. Name : Mr. Ashu
18. Designation : Research Scholar
19. Institution : Devi Ahilya University
20. Email : ashu.ashi09@gmail.com
21. Mobile No : 7898118746
22. Address for correspondence (M.P.)-452010 : School of Life Sciences, Devi Ahilya University, Indore
23. Educational qualification : M.Sc. (Life Sciences)
24. Experience in years : _____

vii. Teaching :

viii. Research : 07

ix. 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:
rschundawat.cash@modyuniversity.ac.in,
rkverma.cash@modyuniversity.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

1. Name : Mr. Amit Kapoor
2. Designation : Assistant Professor
3. Institution : SAGE University
4. Email : amitkapoor297@gmail.com
5. Mobile No : 9644677297
6. Address for correspondence : Institute of Biological Science, SAGE University, Kailod Kartal, Indore-452020
7. Educational qualification : M.Sc. (Biotechnology)
8. Experience in years : _____
   i. Teaching : 08 years
   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:
rschundawat.cash@modyuniversity.ac.in,
rkverma.cash@modyuniversity.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

33. Name	: Ms. Varsha
34. Designation	: Research Scholar
35. Institution	: Devi Ahilya University
36. Email	: varsha.varsha09@gmail.com
37. Mobile No	: 9823541767
38. Address for correspondence (M.P.)-452010	: School of Life Sciences, Devi Ahilya University, Indore
39. Educational qualification	: M.Sc. (Life Sciences)
40. Experience in years	: _____
xiii. Teaching	:
xiv. Research	: 06
xv. 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:
rschundawat.cash@modyuniversity.ac.in,
rkverma.cash@modyuniversity.ac.in

Received

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

9.	Name	: Mr. Syed Danish Anjum
10.	Designation	: Research Scholar
11.	Institution	: Devi Ahilya University
12.	Email	: danish_microbialtech@rediffmail.com
13.	Mobile No	: 8516920722
14.	Address for correspondence (M.P.)-452010	: School of Life Sciences, Devi Ahilya University, Indore
15.	Educational qualification	: M.Sc. (Industrial Microbiology)
16.	Experience in years	: _____
	iv. Teaching	:
	v. Research	: 08
	vi. 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:
rschundawat.cash@modyuniversity.ac.in,
rkverma.cash@modyuniversity.ac.in

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : ANURAG SAHU
2. Designation : POST- DOCTORAL FELLOW
3. Institution : ICGEB - DELHI
4. Email : anuragsahhu@gmail.com
5. Mobile No : 8840351348
6. Address for correspondence :
7. Educational qualification : PhD
8. Subjects taught for :
9. Experience in years : 5 years
   i. Teaching :
   ii. Research : 5-years
   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: 06/03/20

Signature of the Applicant

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

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(10th – 22nd May, 2020)

Registration Form

1. Name : Chitra Nehra
2. Designation : _____
3. Institution : _____
4. Email : chitra.nnehra@gmail.com
5. Mobile No : 8233322206
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: 03/03/20

Signature of the Applicant

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

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

Registration Form

1. Name : Monika sharma
2. Designation : Research Scholar
3. Institution : –
4. Email : monikas555@gmail.com
5. Mobile No : 9785305188
6. Address for correspondence :
7. Educational qualification :
8. Subjects taught for :
9. Experience in years :
   i. Teaching :
   ii. Research :
   iii. Industry :

Declaration

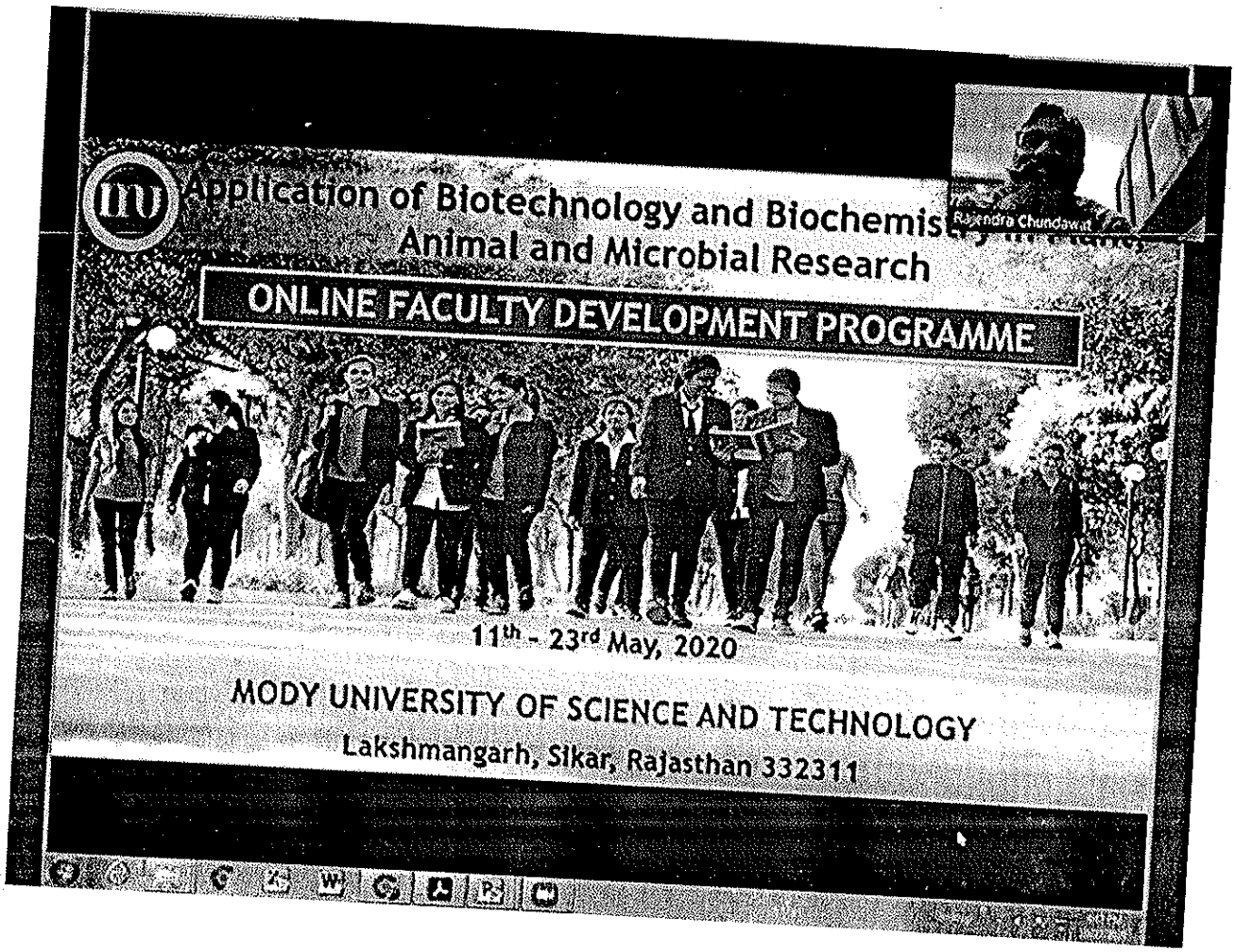
The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the coordinators in case I am unable to attend the course.

Date:

Signature of the Applicant

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

Received


Application of Biotechnology and Biochemistry in Animal and Microbial Research
ONLINE FACULTY DEVELOPMENT PROGRAMME
Rajendra Chundawat
11th - 23rd May, 2020
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
Lakshmangarh, Sikar, Rajasthan 332311

View Options

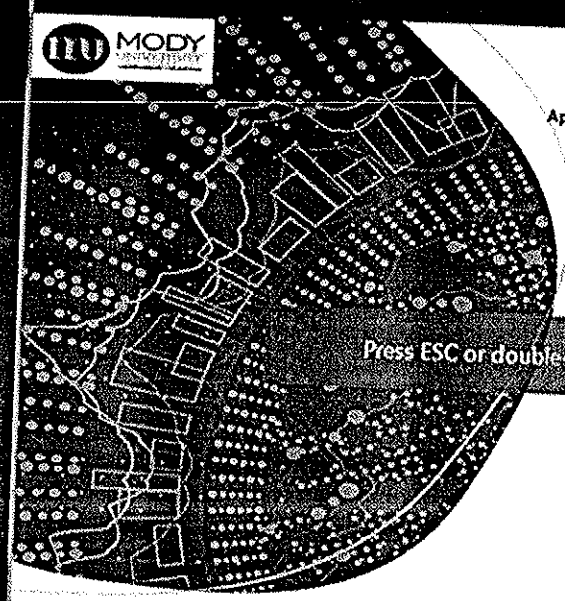
View



MODY UNIVERSITY

FACULTY DEVELOPM

Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research



Evolution in Plant RNA Viruses

Press ESC or double-click to exit full screen mode

Dr. Rakesh Kumar Verma

Assistant Professor, Biotechnology

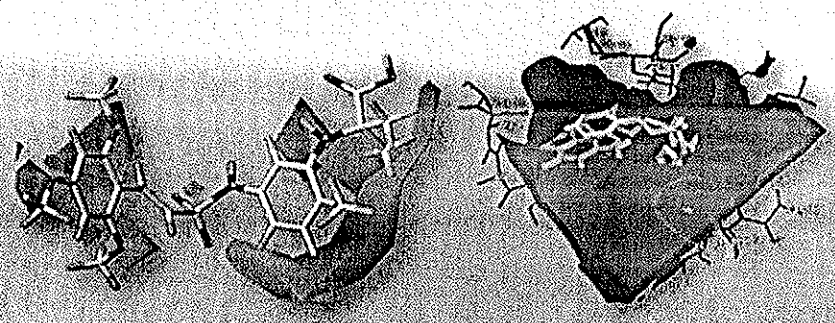
Mody University of Science and Technology

View Options

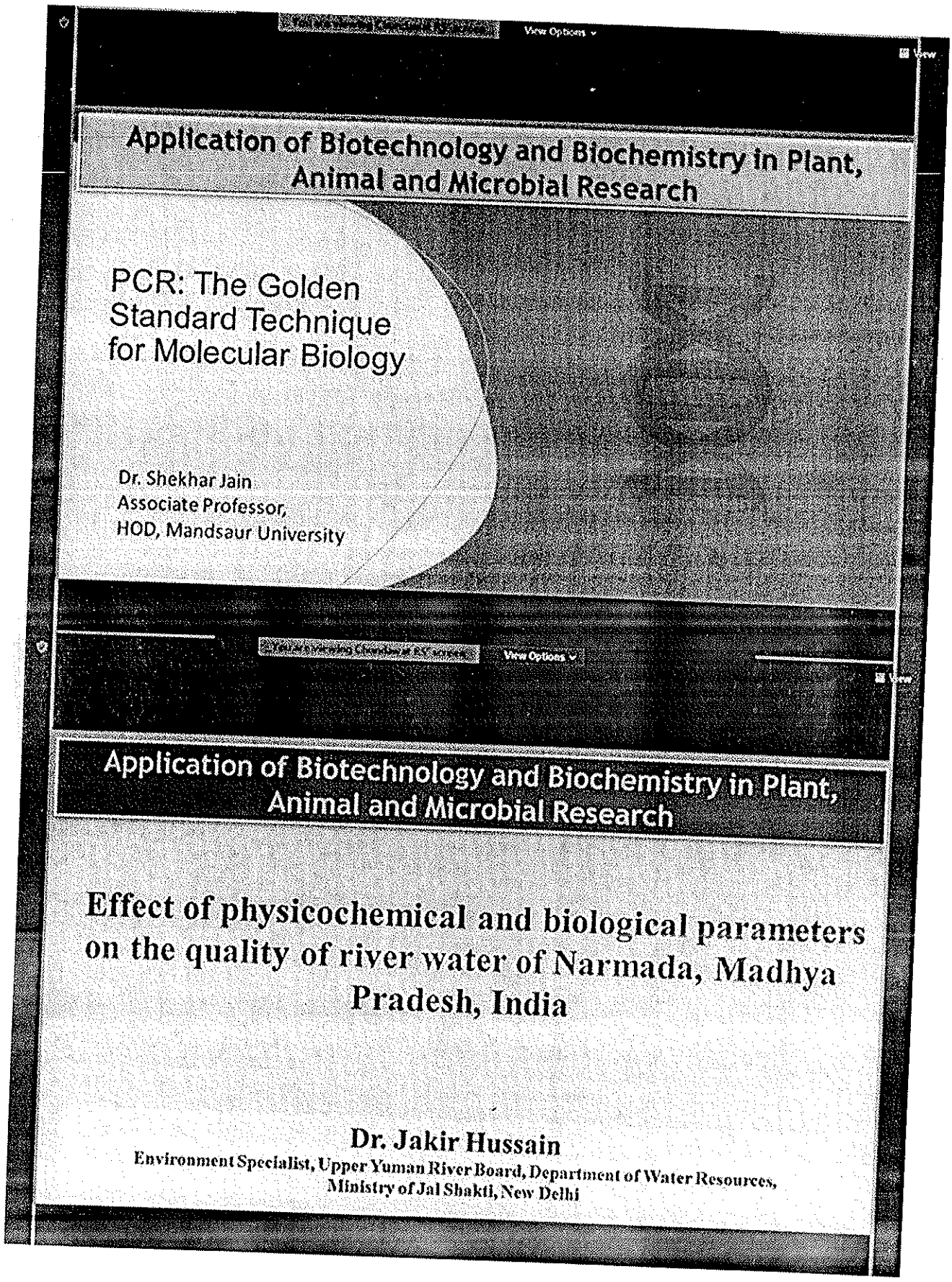
View

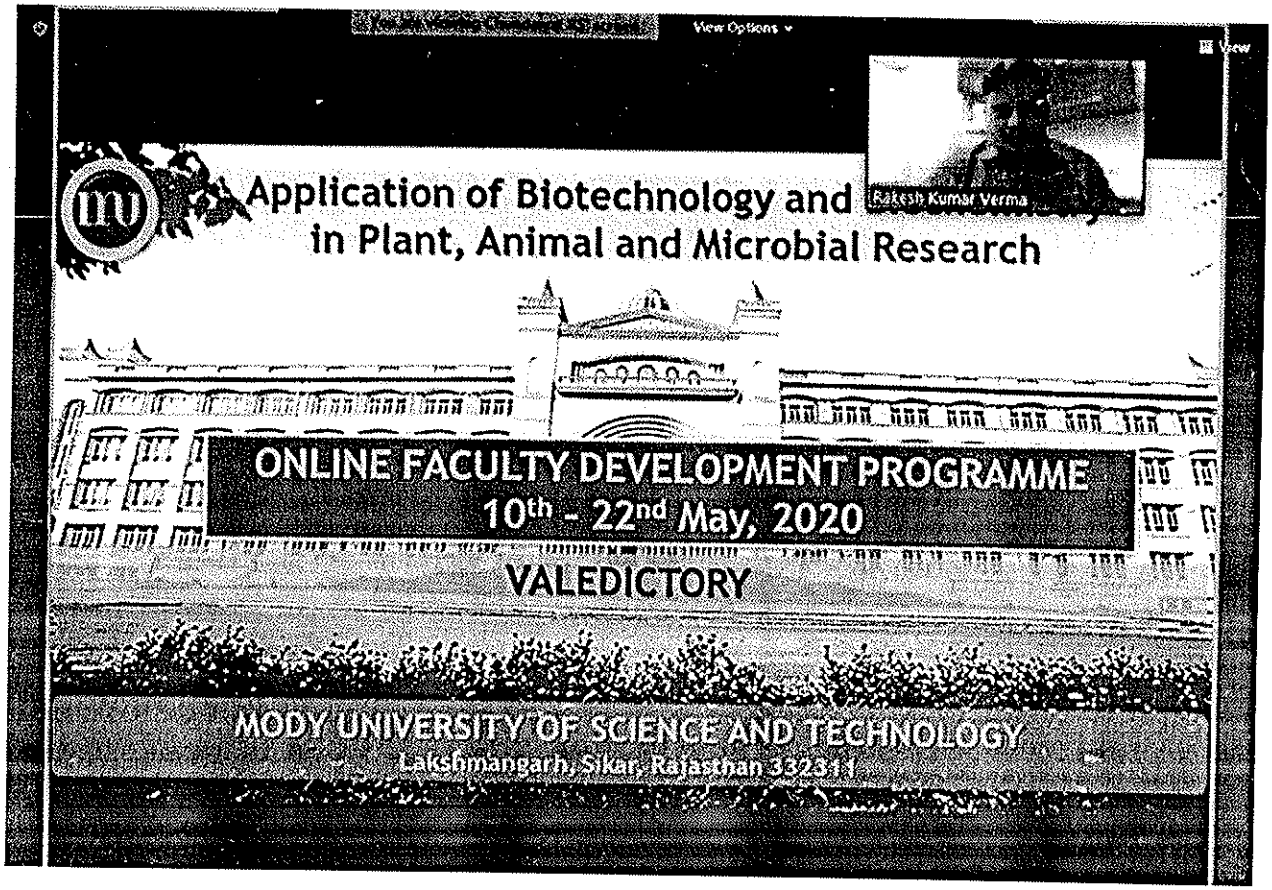
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research

Applications of QSAR in Cancer Research



Dr. Naveen Dhingra
Assistant Professor
Institute of Biological Science
SAGE University, Indore (M.P.)
Email ID: navlifescience@gmail.com
Mo. No.: +91-9752521903


View Options
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
PCR: The Golden Standard Technique for Molecular Biology
Dr. Shekhar Jain
Associate Professor,
HOD, Mandsaur University
View Options
Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
Effect of physicochemical and biological parameters on the quality of river water of Narmada, Madhya Pradesh, India
Dr. Jakir Hussain
Environment Specialist, Upper Yuman River Board, Department of Water Resources,
Ministry of Jal Shakti, New Delhi


View Options
Rajesh Kumar Verma
Application of Biotechnology and
in Plant, Animal and Microbial Research
ONLINE FACULTY DEVELOPMENT PROGRAMME
10th - 22nd May, 2020
VALEDICTORY
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
Lakshmangarh, Sikar, Rajasthan 332311

CERTIFICATE OF PARTICIPATION

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN
A Leading Women's University

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF BIOSCIENCES

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research
(11th – 23rd May, 2020)

This is to certify that _____ of _____ has successfully completed FDP on "**Application of Biotechnology and Biochemistry in Plant, Animal and Microbial Research**" held from 11th May to 23rd May, 2020 organized by Department of Biosciences, Mody University of Science and Technology, Lakshmangarh, Rajasthan.

Dr. Rakesh Kumar Verma	Dr. R.S. Chundawat	Prof. (Dr.) Uma Bhardwaj
(Coordinator)	(Coordinator)	(Convenor)

23rd May, 2020

RKS

35

37

To

06.03.2020

Dean,

School of Liberal Arts & Sciences,

Mody University of Science & Technology

Subject: For conducting a five-day Faculty Development on "EXPLORING SELF: A NEW PARADIGM IN EDUCATION".

Dear Madam,

With reference to the subject, i would like to put up a proposal for five-day FDP on "Exploring Self: A new Paradigm in education" (lecture series by experts). This FDP is devoted to address the need of understanding of changes in the trends of education and art of teaching and devoted to the self-development of teachers.

Madam, if you approve the topic, it will serve the teaching fraternity to inculcate the new paradigm of teaching and equip them to use holistic approach for the betterment of students.

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

Hope to receive anticipatory response,

Thanks & Regards

ASRao

11/2/20

Dr A S Rao

Convener,

Mob: 9587063792

RKS.

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION
(14th–18th April, 2020)
Organized by

Department of Arts, School of Liberal Arts and Sciences (SLAS)
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 thewomen population and to avail quality education with world-class infrastructure and facilities in an IT- savvy environment. The department of Arts works with a vision to emerge as a leading centre for Undergraduate and PostGraduate, study and research in Humanity and Arts,. It is aimed to generate skilled professionals for teaching and industrial sectors of Arts&Humanity and other related disciplines.

About the FDP: This faculty development program (FDP) is devoted to address the need of understanding of changes in the trends of education and art of teaching. It is also devoted to the self-development of teachers.

Arts, humanities, and social sciences have providedan intellectual framework, and context for thriving in the world. These disciplines have taught students how to raise critical thinking questions, search for abstract answers, and identify what is most important to students.The term teacher effectiveness has been defined as the collection of characteristics, competencies, and behaviors of teachers, at all educational levels that have enabled students to think critically, work collaboratively, and become effective citizens. Teacher effectiveness has been demonstrated through knowledge, attitudes, overall performance, and more interaction between students, and teachers.This FDP is intended to provide an insight on changing trends and technology of teachingand self-development of educators.

Major Course Contents:

- Art of Effective Teaching: Mentoring and Holistic Development
- Research and Research Paper Publication
- Professional Ethics (UGC guidelines on controlling plagiarism)
- Exploring Self: – Need to Read Autobiography
- Self-Development through Renewals
- 21st Century Classrooms: Introspection of Teacher Roles for Learning
- Technology Adoption in Education Sector
- Trends and Scenario of Research in Social Science
- Significance of Multi-disciplinary Research
- Generation and Protection of Intellectual Property: A Social Perspective

Important dates:
Last date for submission of Application:11/04/2020
Duration :14 – 18April 2020

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION
(14th – 18th April, 2020)

Registration Form

1. Name : _____
2. Designation : _____
3. Institution : _____
4. Email : _____
5. MobileNo : _____
6. Addressforcorrespondence : _____
7. Educational qualification : _____
8. Subjectstaughtfor : _____
9. Experience inyears : _____
   - 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:
rcnayak.slas@modyuniversity.ac.in

MODY UNIVERSITY
LAKSHMANGARH • RAJASTHAN

ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION
(14th – 18thApril, 2020)

Organizing Committee and Resource Person

Patron :Prof. Uma Bharadwaj

Convener : Dr. A.S. Rao

Co-convener :Dr. R CNayak

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Dr. Uma Bharadwaj	Professor, MUST	Art of Effective Teaching: Mentoring and Holistic Development
2	Dr. Rakesh Kumar Verma	Asst. Professor, MUST	Research and Research Paper Publication
3	Dr. Ramesh Chandra Nayak	Asst. Professor, MUST	Trends and Scenario of Research in Social Science
4	Dr. R.S. Chundawat	Associate Professor, MUST	Professional Ethics (UGC guidelines on controlling plagiarism)
5	Dr. Sangeeta Jhajharia	Associate Professor, MUST	Exploring Self: – Need to Read Autobiography
6	Dr. Kiran Singh Bais	Asst. Professor, MUST	Self-Development through Renewals
7	Dr. Tathagata Ghost	Associate Professor, MUST	21st Century Classrooms: Introspection of Teacher Roles for Learning
8	Dr. Shruti Soni	Asst. Professor, MUST	Technology Adoption in Education Sector
9	Dr. Jitendra Binwal	Professor, MUST	Significance of Multi-disciplinary Research
10	Dr. Harish Dhingra	Associate Professor, MUST	Generation and Protection of Intellectual Property: A Social Perspective

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ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION
(14th – 18th April, 2020)

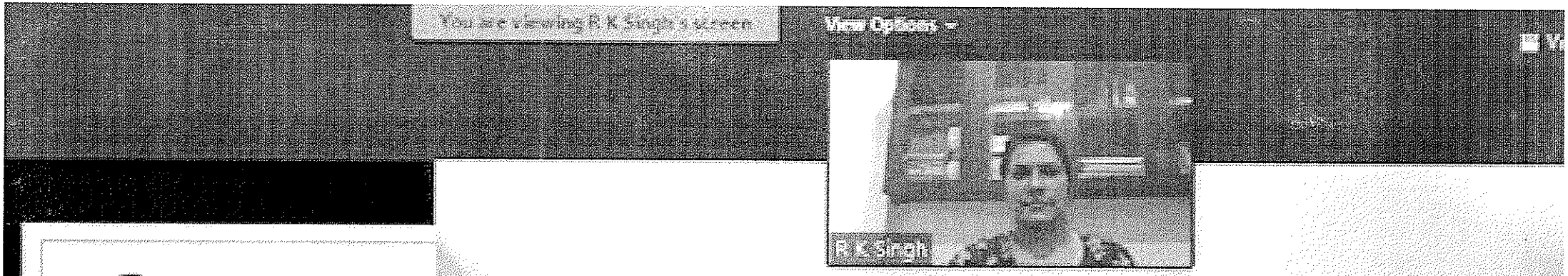
List of Participants

S. No.	Name	Address and Contact Details
1.	Dr. Poornima Saraswat	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
2.	Dr. Navneet Joshi	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
3.	Dr. Harish Dhingra	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
4.	Dr. Sunita Rao	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
5.	Dr. Vinod Soni	School of Management Studies, NIIMS, Jaipur
6.	Dr. Manish Didwania	SOB, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
7.	Dr. Rajesh Sharma	SOB, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
8.	Dr. Monika Sharma	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
9.	Dr. Rajeev Mishra	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
10.	Ms. Sarika Chundawat	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
11.	Dr. Anugya	anugyaasthana16@gmail.com Delhi School of Journalism, University of Delhi
12.	Dr. Sarita Khathuriya	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
13.	Dr. Vinay Singh	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
14.	Dr. A.S. Rathore	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
15.	Dr. AnyanaSaikia	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
16.	MsAnukriti	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
17.	Dr. Santosh	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
18.	Ms. Ankita Rani	Research Scholar, School of Management Studies, NIIMS, Jaipur
19.	Mr. Amit Sriwastva	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan
20.	Mr. Amanjeet	SLAS, Mody University of science & technology, Laxmangarh,Sikar, Rajasthan

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ONLINEFACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION
(14th – 18thApril, 2020)

Date	11 AM to 1PM	2.30 PM to 4.30PM
16/09/2019	***Art of Effective Teaching: Mentoring and Holistic Development*** Resource Person: **Dr. Uma Bharadwaj**	***Research and Research Paper Publication*** Resource Person:**Dr. Rakesh Kumar Verma**
17/09/2019	***Professional Ethics (UGC guidelines on controlling plagiarism)*** Resource Person: **Dr. R.S. Chundawat**	***Exploring Self: – Need to Read Autobiography*** Resource Person:**Dr. Sangeeta Jhajharia**
18/09/2019	***Self-Development through Renewals*** Resource Person:**Dr. Kiran Singh Bains**	***21st Century Classrooms: Introspection of Teacher Roles for Learning*** Resource Person:**Dr. Tathagata Ghosh**
19/09/2019	***Technology Adoption in Education Sector*** Resource Person:**Dr. Shruti Soni**	***Trends and Scenario of Research in Social Science.*** Resource Person:**Dr. Ramesh Chandra Nayak**
20/09/2019	***Significance of Multi-disciplinary Research*** Resource Person:**Dr. Jitendra Binwal**	***Generation and Protection of Intellectual Property: A Social Perspective*** Resource Person:**Dr. Harish Dhingra**

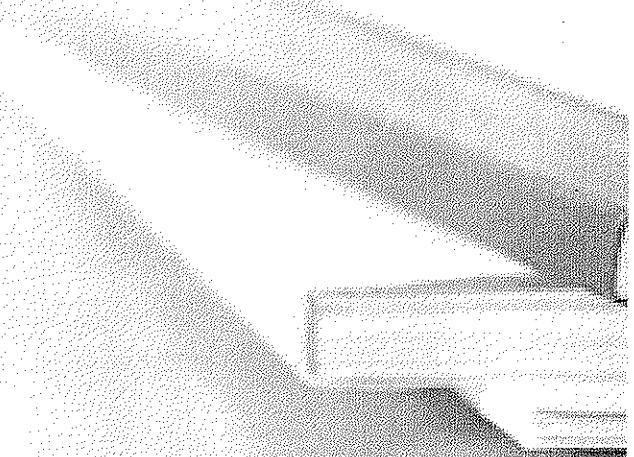




Exploring Self: Need to Read Autobiography

Dr. Sangeeta Jhajharia





ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
EXPLORING SELF: A NEW PARADIGM IN EDUCATION

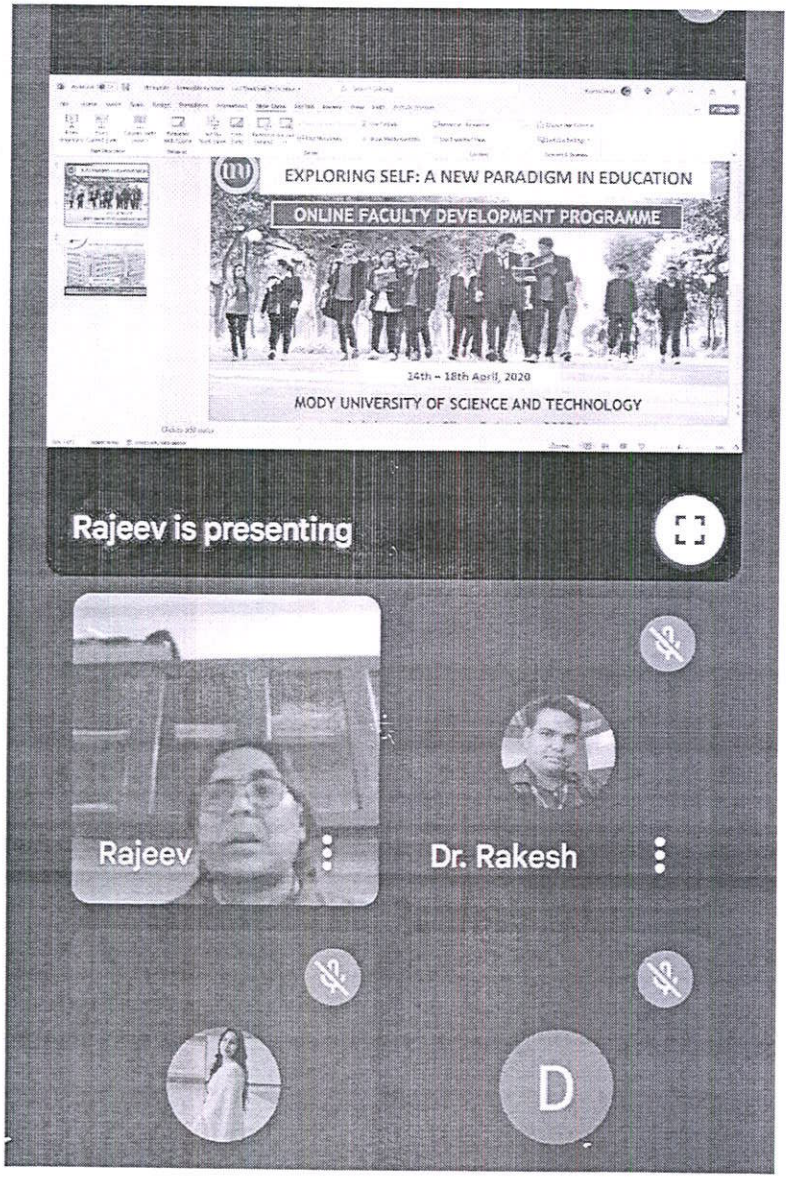
Discussion

School [of liberal arts organized a five-day online faculty development programme on Exploring self: A new paradigm on education. The FDP provided exposure to the participants and provided a chance to enhance their skill. This faculty development program (FDP) is devoted to address the need of understanding of changes in the trends of education and art of teaching. It is also devoted to the self-development of teachers. This FDP is intended to provide an insight on changing trends and technology of teaching and self-development of educators.

Outcomes:

Overall, the FDP was successful in teaching upon some key issues of the theme and was very knowledgeable and helpful. The outcome of the FDP are as follows: -

1. Different dimensions of Effective Teaching were highlighted in real life situation.
2. Major obstacles are discussed and understand the importance of art of mentoring.
3. Question answer sessions with the participants and the subject experts were helpful for the teachers and research scholars for implementation in their respective fields.
4. A holistic approach of adoption in education sector was addressed.


EXPLORING SELF: A NEW PARADIGM IN EDUCATION
ONLINE FACULTY DEVELOPMENT PROGRAMME
14th – 18th April, 2020
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY
Rajeev is presenting
Rajeev
Dr. Rakesh
D

MODY UNIVERSITY

LAKSHMANGARH - RAJASTHAN

A Leading Women's University

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

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

SCHOOL OF LIBERAL ARTS & SCIENCES

Online FDP

on

Exploring Self: A New Paradigm in Education

Organized

by

Department of Arts, School of Liberal Arts & Sciences

This is to certify that Dr. ..... has participated in the Online FDP on Exploring Self: A New Paradigm in Education held from 14th -18th April 2020.

Convener
Dr. A. S. Rao
Head
Dept. of Arts
Mody University of Science & Technology

Co-Convener
Dr. R.C. Nayak
Assistant Professor
Dept. of Arts
Mody University of Science & Technology

Dean
Prof. (Dr.) Uma Bhardwaj
Mody University of Science & Technology
Lakshmangarh, Rajasthan, India

18th April 2020

38
36

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LAKSHMANGARH • RAJASTHAN

SCHOOL OF DESIGN

FACULTY DEVELOPMENT PROGRAM (FDP)

DESIGN EMPATHY AND APPLICATIONS 16.09.2019 – 21.09.2019

Date/Time	10:00 AM – 11:00 AM	11:00 AM - 11:30 AM	11:30 AM – 01:30 PM	01:30 TO 02: 30	02: 45 PM – 04:45 PM
16.09.2019	Inauguration note and Introduction of Participants Opening Remarks		Empathic design is a user-centered design approach Resource Person: Dr. Sukhvir Singh SOD		Empathetic design Resource Person: Mr. Deepak Khandelwal SOD
17.09.2019	Traditional market research Resource Person: Mr. Deepak Khandelwal SOD		Observation and the goal to identify latent customer needs Resource Person: Dr. Sukhvir Singh SOD		The importance of product innovation as a source of competitive advantage Resource Person: Dr. Smirti Agarwal SOD
18.09.2019	Opportunities to commercialize innovat ions existing users Resource Person: Dr. Sukhvir Singh SOD	TEA BREAK	Reflection and Analysis Resource Person: Vikash Kumar Pandey SOD	LUNCH	Prototypes, simulation and role-playing are other forms of learning processes Resource Person: Dr. Smirti Agarwal SOD
19.09.2019	"Human factors" or "human inspiration" Resource Person: Ms. Shikha Kapoor SOD		Understanding the market, client, technology and perceived constraints. Resource Person: Mr. Deepak Khandelwal SOD		Visualize concepts that are new to the world. Resource Person: Dr. Sukhvir Singh SOD
20.09.2019	Evaluate and refine the prototype Resource Person: Dr. Smirti Agarwal SOD		Implement the new concept for commercialization. Resource Person: Dr. Sukhvir Singh SOD		The empathic model is a technique used to simulate age-related sensory losses Resource Person: Mr. Deepak Khandelwal SOD
21.09.2019	Design Thinking Resource Person: Mr. Deepak Khandelwal SOD		Observe people in real-life situations Resource Person: Dr. Smirti Agarwal SOD		They have latent needs not addressed by current products. Resource Person: Dr. Sukhvir Singh SOD

1/2/22

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Online FDP on Design Empathy & Applications"2019-20 from 16.09.2019 TO 21.09.2019

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 Design works with a vision to emerge as a leading centre for Undergraduate and Post Graduate, study and research in fashion, Interior and graphic communication . It is aimed to generate skilled professionals for teaching and industrial sectors of Design and other related disciplines.

he world is going through a transition phase where each and every element of the same needs an utmost care and requires reshaping through holistic design & its communication. An attention needs to be given in a more methodological manner. It goes without saying that Art, Design & Communication plays the most important role in this correction time and the same must be designed for its disseminator.

School of Design @ Mody University has a transparent and much focused vision to prepare an army of artists and designers. These will be sought after professionals and entrepreneurs meet the global requirements School of Design provides a collaborative & participatory learning sphere both physical & virtual to each participant for cohesive growth. its conceptual and experimental pedagogy and inter-disciplinary curriculum offer students a critical and contemporary perspective on various art and design discipline to solve real world problems.

We WELCOME! You to the School of Design at Mody University, to write your own story and a bright future as an inspiration for million other students. Cad for textile design: Designer utilizes CAD to alter design drafts and make changes. Contingent upon what sort of textile a designer makes, they may utilize various kinds of CAD programming. There are frameworks for general textile design just as making sewed and printed textures. There are CAD frameworks for outline and sketch cushion applications that permit an individual to draw freehand straightforwardly on the PC. There are CAD frameworks that show a designer how a sort of texture may wrap on an expected piece of clothing. Some CAD programs even design weaving designs.

About the FDP:

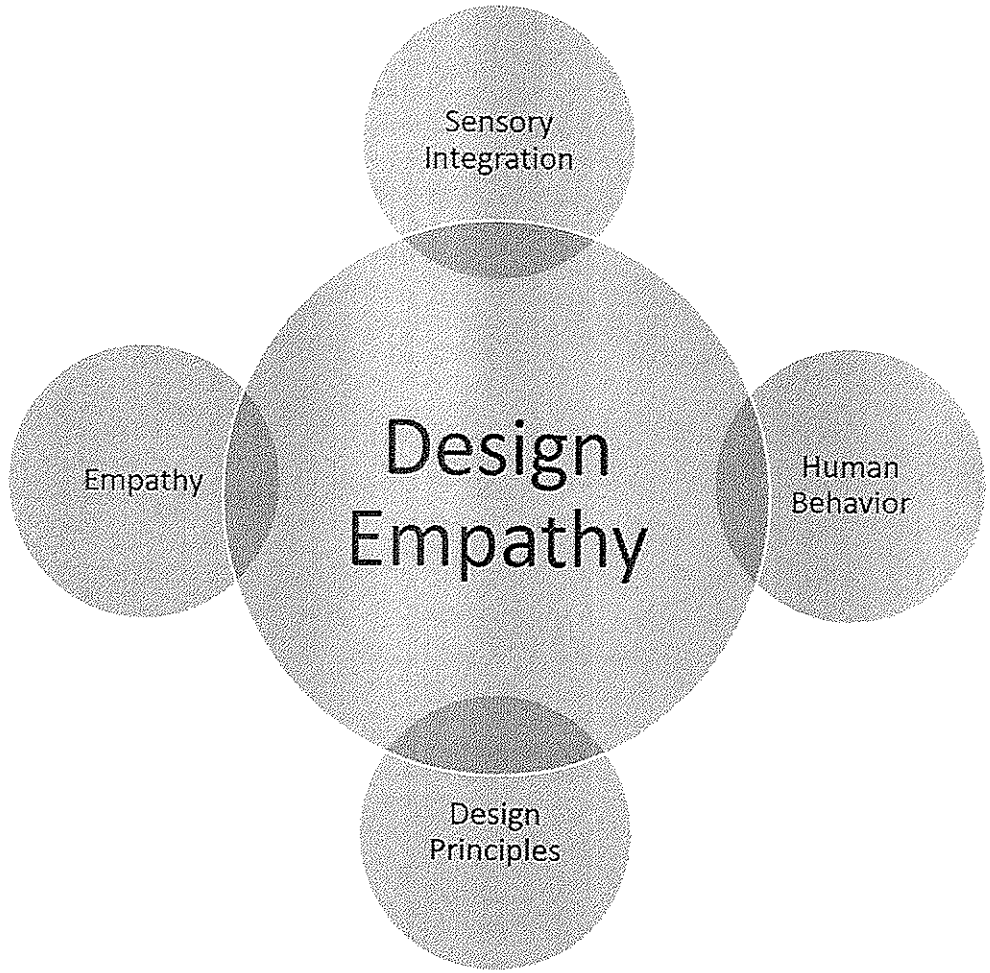
School of design Organizing Online FDP on "Design Empathy & Applications" many faculties are involed in that in the schoole of fashion design for the same.

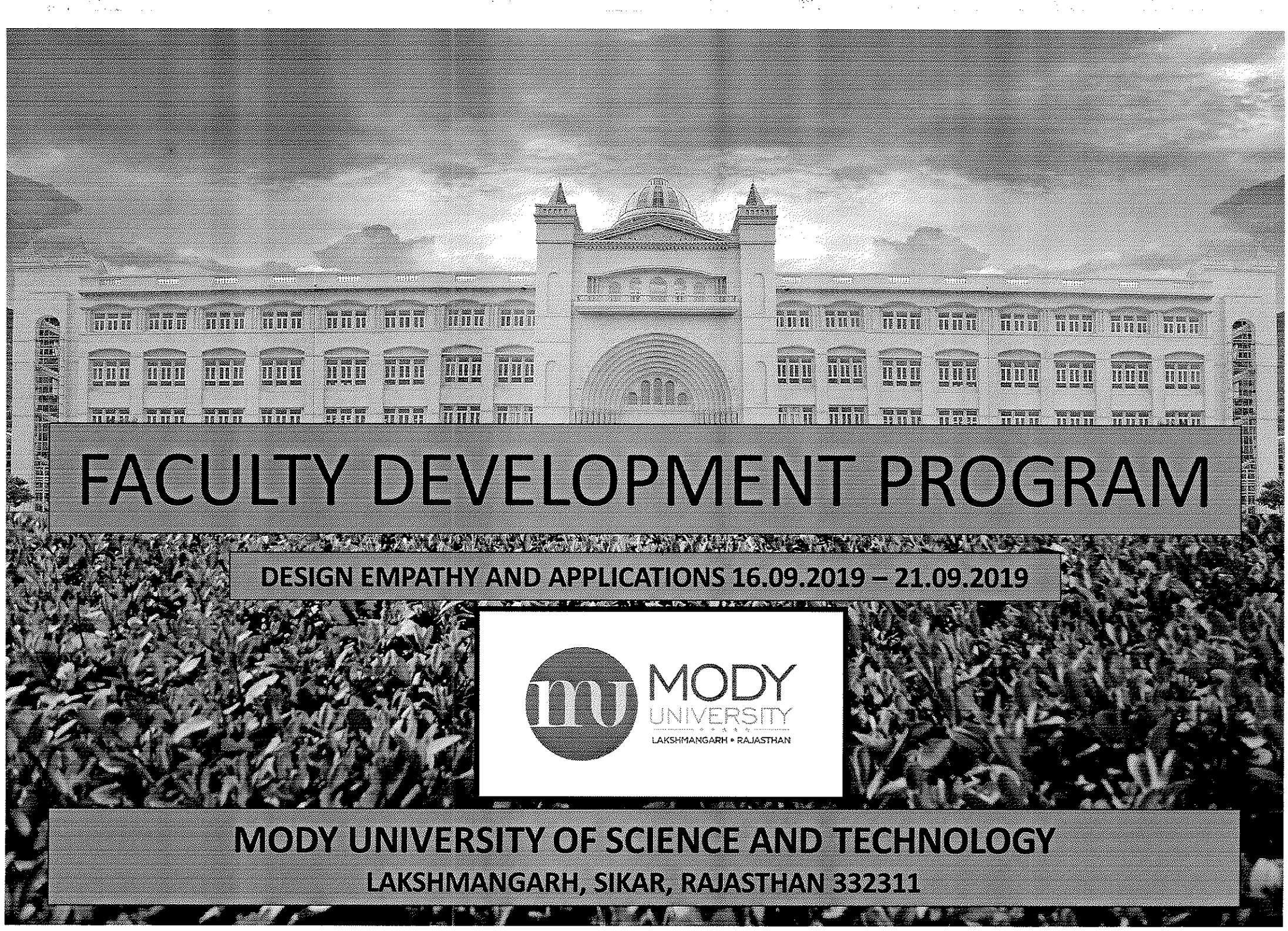
devlopment of design approach is utilized in item design to assemble subjective information concerning what clients think, feel, and need to make a superior client experience. Practically speaking, it brings designers and end clients closer together and permits designers to put their clients — and their clients' requirements — first. While there are numerous varieties of the empathic design process, in Sparkle Development Through Empathic Design, the key advances are illustrated as: Notice: Distinguish the end clients and notice their conduct, while abandoning your emotional suspicions and encounters Catch information: Inquire "how" and "why" inquiries to decipher clients' activities Reflect and investigate: Create experiences to distinguish and comprehend clients' requirements and issues Conceptualizeforarrangements:Makeanddesignanswersforexecute Foster models: Rejuvenate thoughts from the meeting to generate new ideas in a model to then be tried by expected clients

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

Online FDP on Design Empathy from 16.09.2019 TO 21.09.2019





FACULTY DEVELOPMENT PROGRAM

DESIGN EMPATHY AND APPLICATIONS 16.09.2019 – 21.09.2019

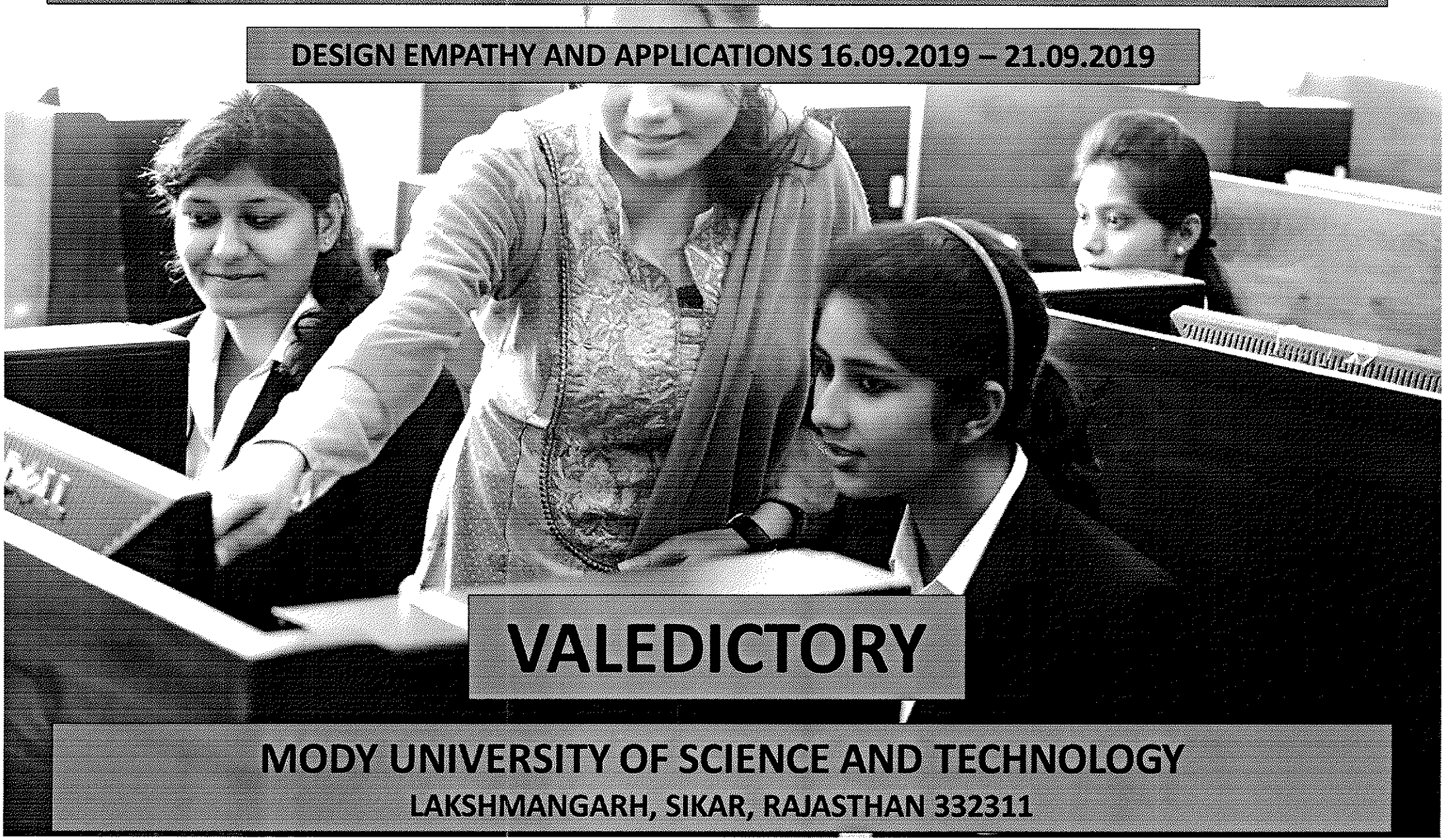
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LAKSHMANGARH, SIKAR, RAJASTHAN 332311

FACULTY DEVELOPMENT PROGRAM

DESIGN EMPATHY AND APPLICATIONS 16.09.2019 – 21.09.2019



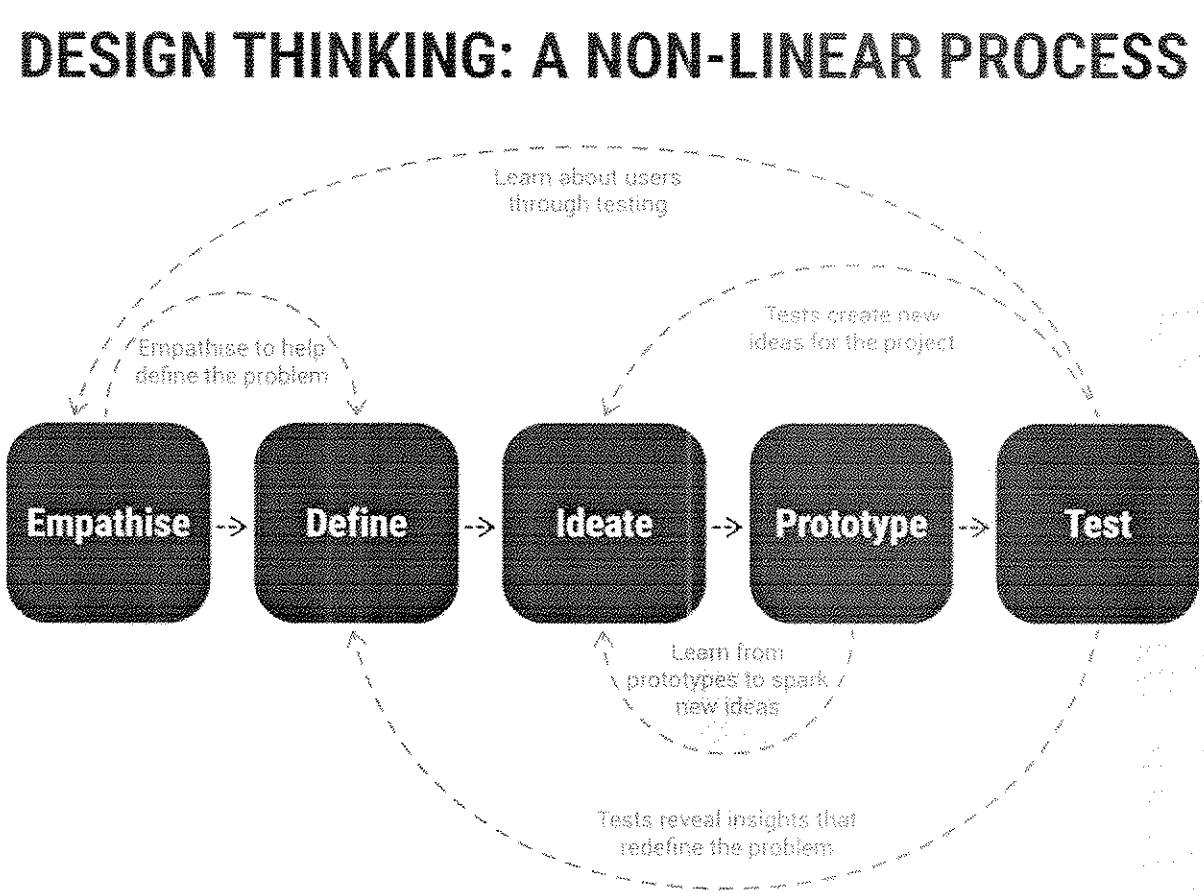
VALEDICTORY

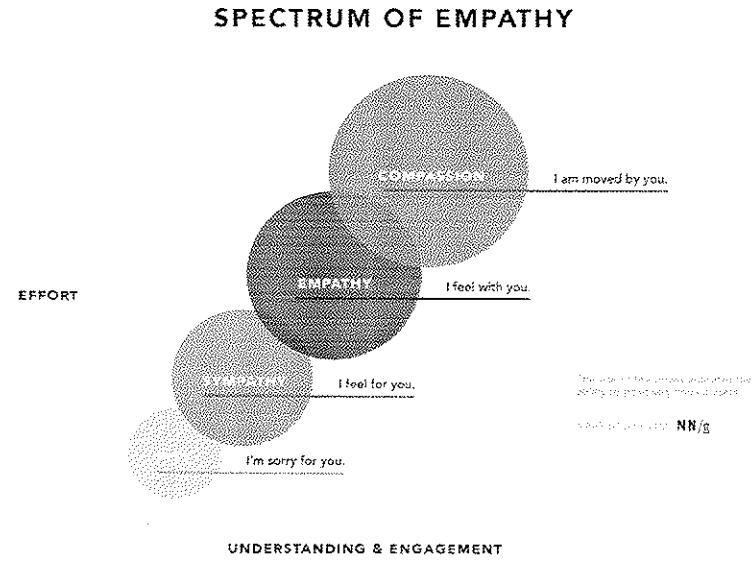
MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

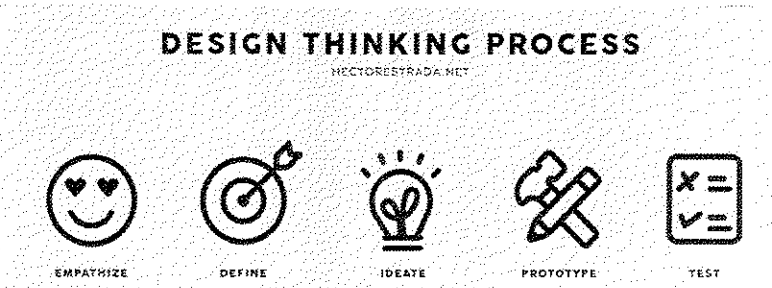
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EMPATHETIC DESIGN

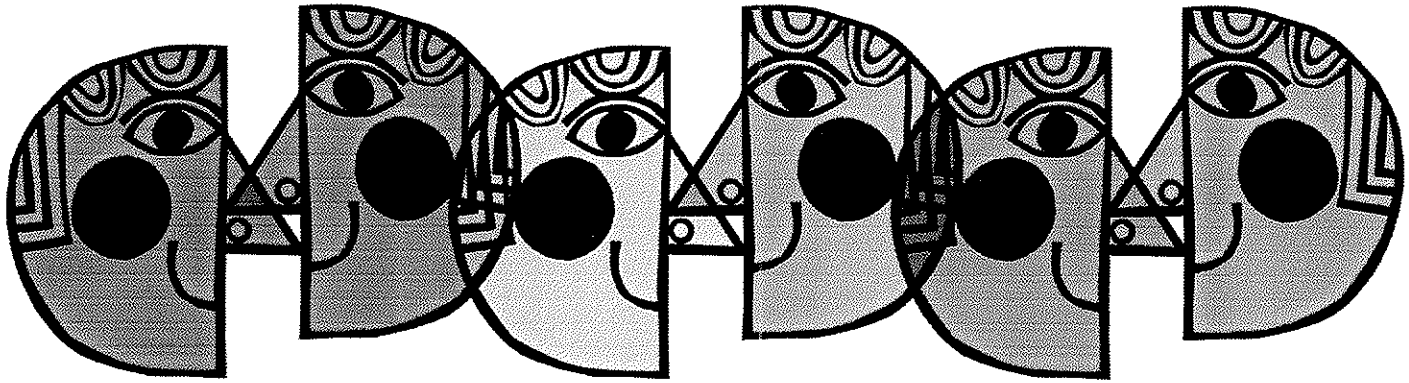
Empathic design is a user-centered design approach that pays attention to the user's feelings toward a product. The empathic design process is sometimes mistakenly referred to as *empathetic* design. The foundation of empathic design is observation and the goal to identify latent customer needs in order to create products that the customers don't even know they desire, or, in some cases, solutions that customers have difficulty envisioning due to lack of familiarity with the possibilities offered by new technologies or because they are locked in a specific mindset. Empathic design relies on observation of consumers as opposed to traditional market research which relies on consumer inquiry with the intention to avoid possible biases in surveys and questions, and minimizes the chance that consumers will provide false information.

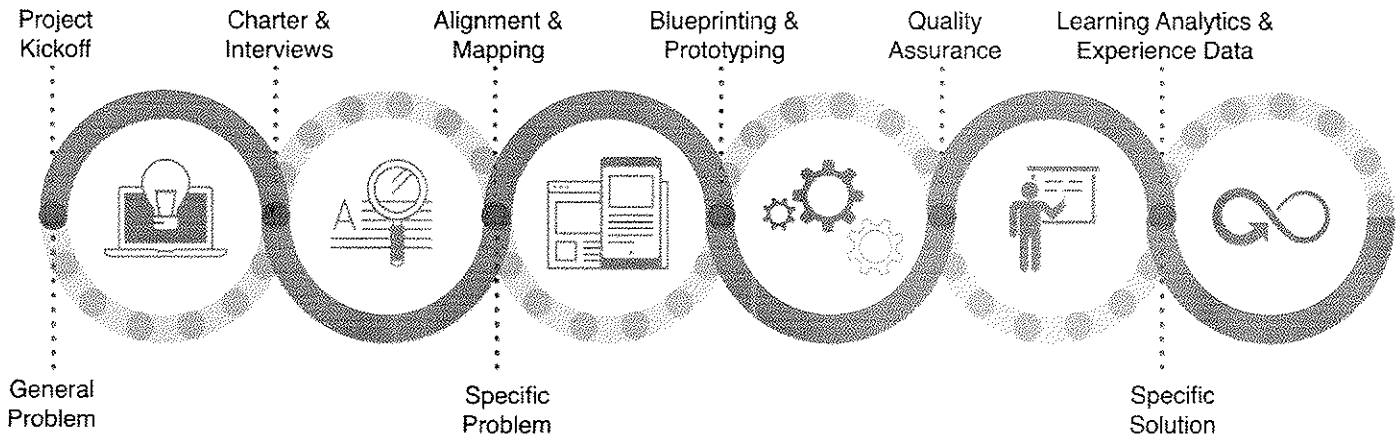






EMPATHIC DESIGN IS A USER-CENTERED DESIGN APPROACH





Discover

"Mind Meld" with partners. Understand the learner, assess their needs.

Define

Gain Insight and define the problem and outcomes.

Ideate, Curate

Divergent thinking; based on vision and needs. Curate OERs and SME content.

Develop

Convergent thinking; Solidify ideas, activities, tools, and learner experience.

Learn

Facilitate the course and gain insight from students

Iterate

Iteration is necessary part of the course development process

Observations are carried out by a small team of specialists, such as an engineer, a human-factors expert, and a designer. Each specialist then documents their observations and the session is videoed to capture subtle interactions such as body language and facial expressions.

Learning users' unarticulated needs through a process of keen observation and interpretation can lead to breakthrough designs, argue that market forces and competitive pressures in a fast-paced world are augmenting the importance of product innovation as a source of competitive advantage. They argue that in empathic design techniques, users are almost as involved in product design as designers and engineers. Therefore, such technique can achieve new designs in potentially shorter product development cycles. To achieve this, they caution that observation group should consist of several others than simply designers and engineers, including trained anthropologists and/or ethnographers.

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SCHOOL OF DESIGN

FACULTY DEVELOPMENT PROGRAM (FDP)

DESIGN THINKING APPLICATION 16.09.2019 – 21.09.2019

DISCUSSION DURING FDP:

What is Design Thinking?

Design Thinking's Phases

The Problem with Ingrained Patterns of Thinking

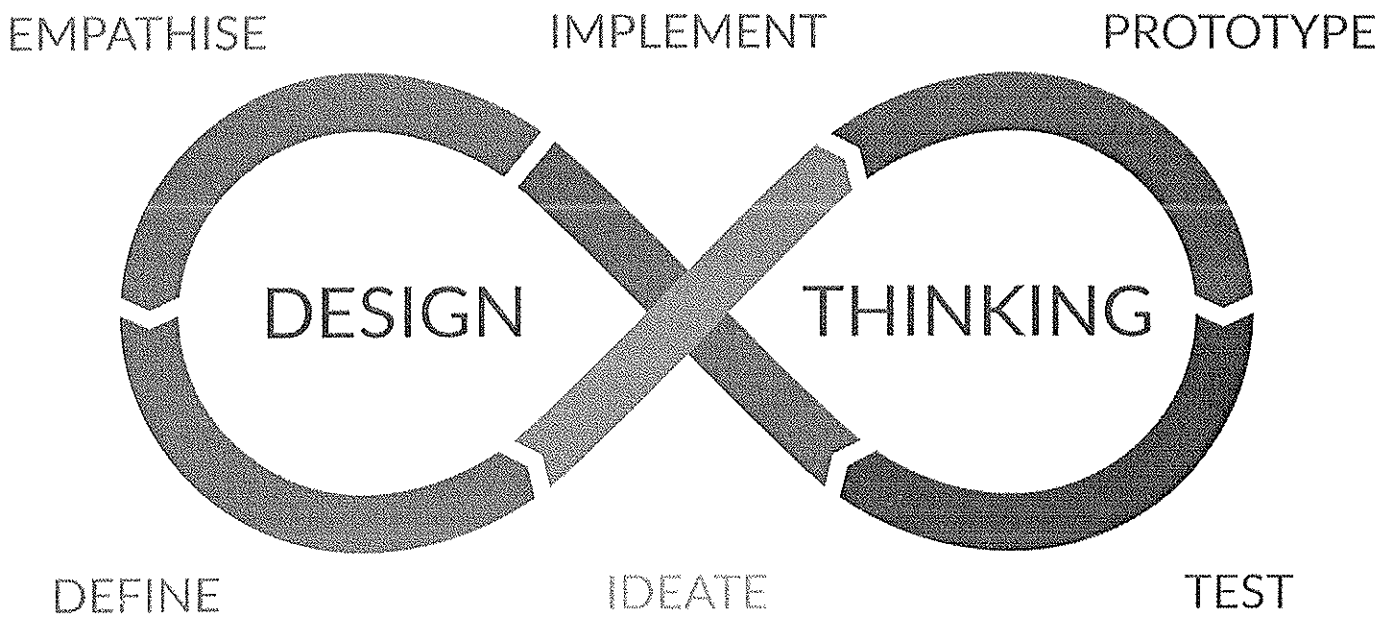
The Encumbered Vs. The Fresh Mind

The Power of Storytelling

Design Thinking or 'Outside the Box' Thinking

Design Thinking is an Essential Tool – and A Third Way

Science and Rationality in Design Thinking



OUTCOMING OF THE FDP:

- Design Thinking is essentially a problem-solving approach specific to design, which involves assessing known aspects of a problem and identifying the more ambiguous or peripheral factors that contribute to the conditions of a problem.
- Design Thinking is an iterative process in which knowledge is constantly being questioned and acquired so it can help us redefine a problem in an attempt to identify alternative strategies and solutions that might not be instantly apparent with our initial level of understanding.
- Design Thinking is often referred to as 'outside the box thinking', as designers are attempting to develop new ways of thinking that do not abide by the dominant or more common problem-solving methods – just like artists do.
- At the heart of Design Thinking is the intention to improve products by analyzing how users interact with them and investigating the conditions in which they operate.
- Design Thinking offers us a means of digging that bit deeper to uncover ways of improving user experiences.
- The 'Design Thinking' label is not a myth. It is a description of the application of well-tried design process to new challenges and opportunities, used by people from both design and non-design backgrounds.
- With a solid foundation in science and rationality, Design Thinking seeks to generate a holistic and empathetic understanding of the problems that people face.

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CERTIFICATE OF PARTICIPATION

SAMPLE

This is to certify that _____ of _____

participated in _____ Workshop / Guest Lecture

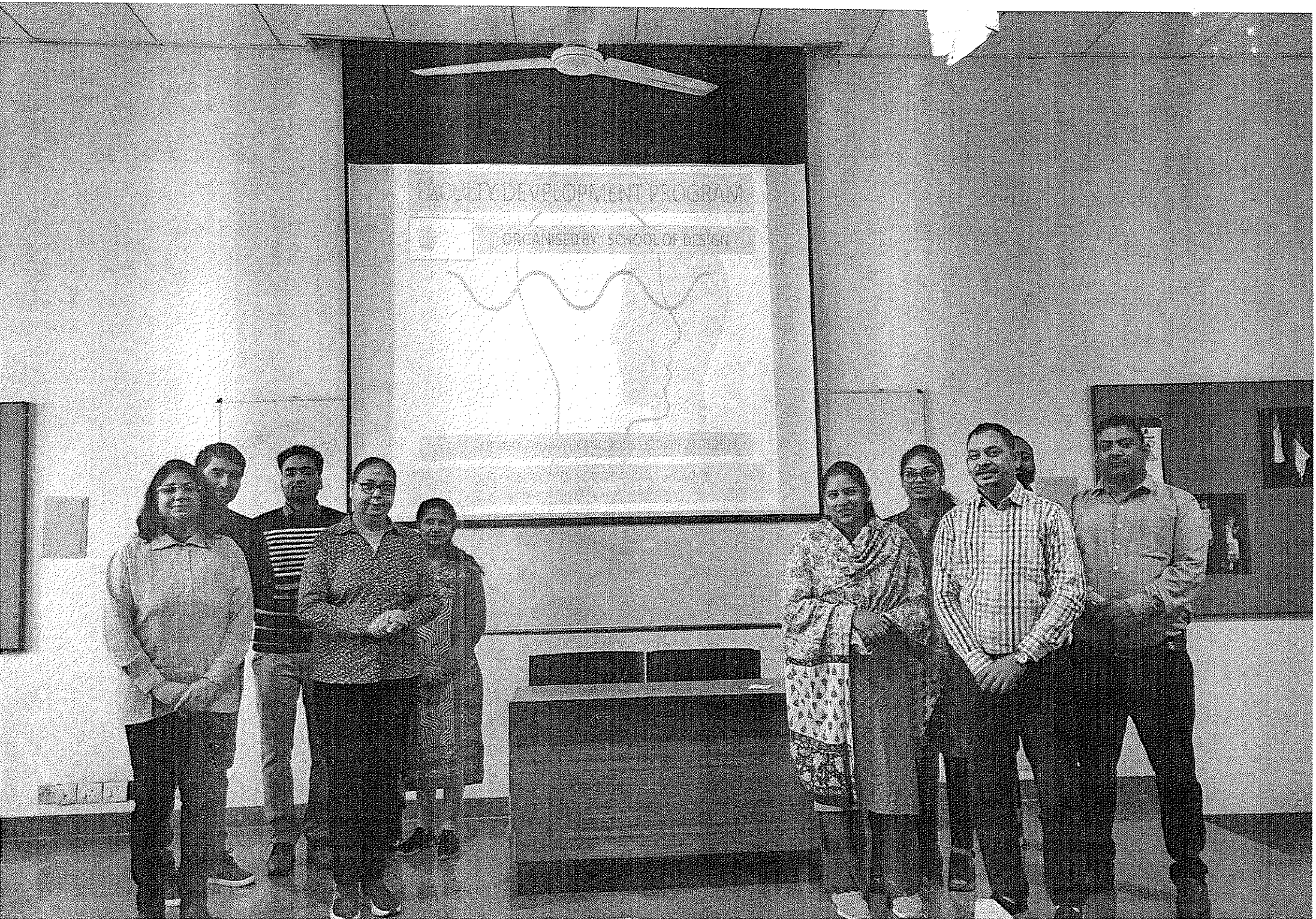
from date _____ to _____ organized by School of Design

(SOD), Mody University, Lakshmangarh (Rajasthan).

Convener

September 21, 2019

CO-Convener


FACULTY DEVELOPMENT PROGRAM
ORGANISED BY SCHOOL OF DESIGN

~~39~~ (37)

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Advances in Engineering Materials and Applications
(16th – 20th December, 2019)
Organized by
Department of Mechanical Engineering,
School of Engineering and Technology (SET)
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. Mechanical Engineering is one of the oldest engineering which started since men innovated tools for hunting .As people became more and more civilized and science made new and new innovations , the scope and contents of mechanical engineering went on changing. With the passage of time, new disciplines in engineering came up. But mechanical engineering still holds the central place of all engineering.

About the FDP: The current FDP is devoted to the advancement of engineered materials and their applications. Any discipline's mechanistic understanding paves the way for the production of materials with capabilities beyond what is currently accessible. Materials and manufacturing are critical components of a country's economy in the modern era. Super-light materials and active materials that react to changes in their surroundings are examples of next-generation materials, as are smart materials that explain how they are doing. New discoveries in materials science are critical to advancements in health care, energy, computers, and a variety of other sectors. The primary goal of the Faculty Development Program is to provide the most recent and advanced information about materials/composites and their applications to faculty, scientists, and research scholars at engineering institutions, universities, and R&D centres. This FDP has been intended to provide knowledge and work experience in advanced material material processing, materials characterisation, composites, and new trends in advanced material application.

Major Course Contents:

- Composite Materials and latest applications
- Materials in Medical applications
- Material application in Electronics
- Mathematical modelling in Material science
- Design criteria of Materials
- Novel materials in Automobile field
- Organic Electronic Materials

Important dates:
Last date for submission of Application: 14/12/2019
Duration : 16th – 20th December, 2019

1/12/19

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Advances in Engineering Materials and Applications
(16th – 20th December, 2019)
Organized by
Department of Mechanical Engineering,
School of Engineering and Technology (SET)
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:
atulkumar.cet@modyuniversity.ac.in,
vikrantsharma.cet@modyuniversity.ac.in

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Advances in Engineering Materials and Applications
(16th – 20th December, 2019)
Organized by
Department of Mechanical Engineering,
School of Engineering and Technology (SET)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Organizing Committee and Resource Person

Convener : **President, Mody University of Science and Technology**

Co-convener : **Dean SET**

Coordinator : **Dr. Atul Kumar**
: **Mr. Vikrant Sharma**

Resource Persons :

S. No	Name	Affiliation	Topic of the Talk
1	Dr. Atul Kumar	SET, Mody University, Lakshmangarh	Composite Materials and their application in Engineering
2	Dr. Sandeep Jaiswal	SET, Mody University, Lakshmangarh	Bone Implant Design , Biomechanical Testing For Orthopedic Applications
3	Dr. Rajeev Pourush	SET, Mody University, Lakshmangarh	Characterization of Electronic Material at Microwave Frequencies
4	Mr. Vikrant Sharma	SET, Mody University, Lakshmangarh	MCDM Application in Material Selection Problem
5	Mr. Mukul Paliwal	SET, Mody University, Lakshmangarh	Design Aspects of Engineering Materials
6	Dr. Vivek Pandey	SET, Mody University, Lakshmangarh	Advanced Materials in Automobile Engineering
7	Dr. Satyajit Anand	SET, Mody University, Lakshmangarh	Machine Learning Applications in Material Science
8	Dr. Harlal Singh	SLAS, Mody University, Lakshmangarh	Organic Electronic Materials
9	Dr. Arvind Mahrishi	SLAS, Mody University, Lakshmangarh	Material Testing : Mathematical Aspects

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Advances in Engineering Materials and Applications
(16th – 20th December, 2019)
Organized by
Department of Mechanical Engineering,
School of Engineering and Technology (SET)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

List of Participants

S. No.	Name	Address and Contact Details
1.	Dr. Atul Kumar	SET, Mody University Lakshmangarh -332311
2.	Dr. Sandeep Jaiswal	SET, Mody University Lakshmangarh -332311
3.	Dr. Rajeev Pourush	SET, Mody University Lakshmangarh -332311
4.	Mr. Vikrant Sharma	SET, Mody University Lakshmangarh -332311
5.	Mr. Mukul Paliwal	SET, Mody University Lakshmangarh -332311
6.	Dr. Vivek Pandey	SET, Mody University Lakshmangarh -332311
7.	Dr. Satyajit Anand	SET, Mody University Lakshmangarh -332311
8.	Dr. Harlal Singh	SLAS, Mody University Lakshmangarh -332311
9.	Dr. Arvind Mahrishi	SLAS, Mody University Lakshmangarh -332311
10.	Dr. Subrat Jana	SET, Mody University Lakshmangarh -332311
11.	Dr. Paras K. Singh	SET, Mody University Lakshmangarh -332311
12.	Dr. S.Y Kumar	SET, Mody University Lakshmangarh -332311
13.	Dr. K.P. Sisiodiya	SET, Mody University Lakshmangarh -332311
14.	Dr. Sanjeev Jakhar	SET, Mody University Lakshmangarh -332311
15.	Dr. Sunita Kumari	SET, Mody University Lakshmangarh -332311
16.	Dr. Navneet Joshi	SLAS, Mody University Lakshmangarh -332311
17.	Dr. Sudatta Ray	SET, Mody University Lakshmangarh -332311
18.	Dr. Manish Kumar	SET, Mody University Lakshmangarh -332311
19.	Dr. Kiran Singh Bais	SLAS, Mody University Lakshmangarh -332311

FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Advances in Engineering Materials and Applications
(16th – 20th December, 2019)
Organized by
Department of Mechanical Engineering,
School of Engineering and Technology (SET)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Date / Time	2.30– 03.30 PM	03.45 – 04.45 PM
16.12.2019	**Lighting of Lamp and Saraswati Vandana** **Address By the Dean SET**	**Talk 1:** **Dr. Atul Kumar** Composite Materials and their application in Engineering
17.12.2019	**Talk 2:** **Dr. Sandeep Jaiswal** Bone Implant Design , Biomechanical Testing For Orthopedic Applications	**Talk 3:** **Dr. Rajeev Pourush** Characterization of Electronic Material at Microwave Frequencies
18.12.2019	**Talk 4:** **Mr. Vikrant Sharma** MCDM Application in Material Selection Problem	**Talk 5:** **Mr. Mukul Paliwal** Design Aspects of Engineering Materials
19.12.2019	**Talk 6:** **Dr. Vivek Pandey** Advanced Materials in Automobile Engineering	**Talk7:** **Dr. Satyajit Anand** Machine Learning Applications in Material Science
20.12.2019	**Talk 8:** **Dr. Harlal Singh** Organic Electronic Materials	**Talk 9:** **Dr. Arvind Mahrishi** Material Testing : Mathematical Aspects

Faculty Development Programme
(FDP)
From
16th - 20th December, 2019

Organized by

Mechanical Engineering Department

School of Engineering and Technology

Mody University of Science and Technology

Certificate

This is to certify that _____ of Mody University Lakshmangarh, India has participated in the Five Day's FDP on ***"Advances in Engineering Materials and Application"*** *held from* ***16-12-2019*** *to* ***20-12-2019*** *at* ***School of Engineering and Technology, Lakshmangarh.***

LAKSHMANGARH : RAJASTHAN
A Leading Women's University

Mr. Vikrant Sharma
Co-coordinator

Dr. Atul Kumar
Coordinator

Dr. V K Jain
Dean SET

Date:20-12-2019

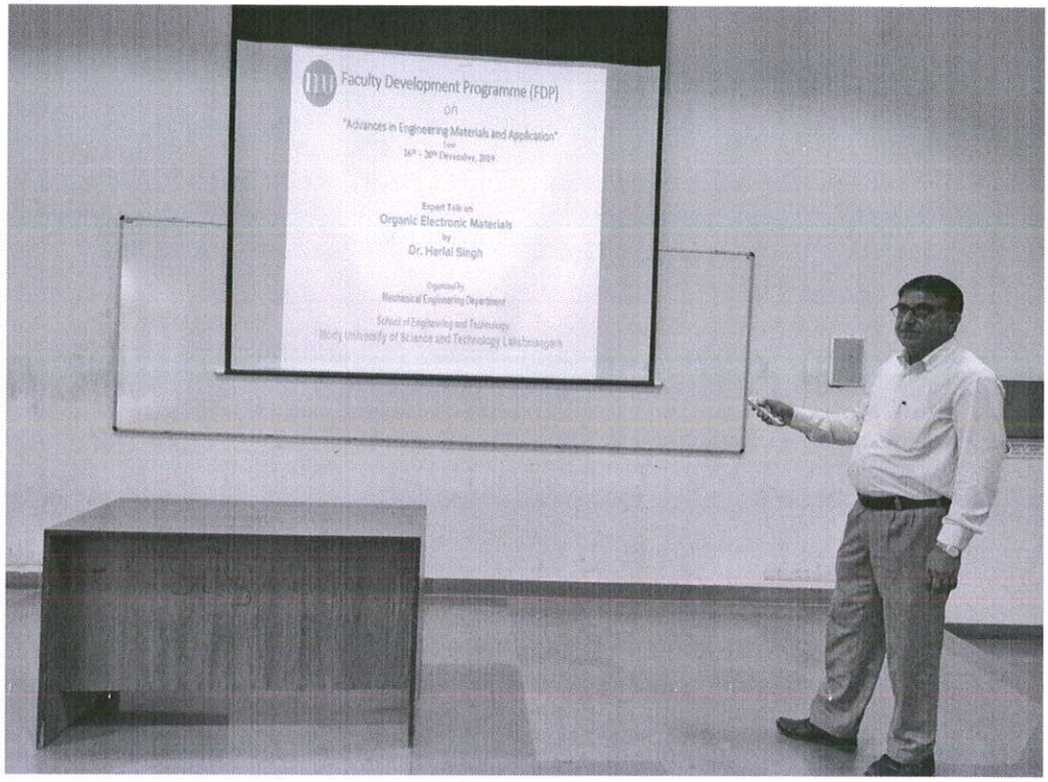


Figure 3 Expert Lecture by Prof. Harlal Singh


Faculty Development Programme (FDP)
on
Advances in Engineering Materials and Applications
from
16th - 20th December, 2019

About Mody University

The Mody University is a Private university aimed at helping the girl population avail quality education with world-class techniques in an IT-savvy environment. It gives the students an opportunity to study the subject they want. They can choose from numerous undergraduate and postgraduate courses of different disciplines like Arts, Science, Commerce, Engineering, Management, Law, Fashion, Interior Design, Architecture, Physiotherapy, Agriculture etc.

About School of Business

School of Business (SOB) has three major pillars of Management, Economics and Commerce - which combine together to make SOB a center of excellence for study of Business in totality. Even before it started being recognized that gender diversity and investing in female leaders make business sense, SOB has been delivering its under-graduate and post-graduate programs in management, economics and commerce though a unique mix of cross-functional approach to business, focus on issues impacting career-success of women in the professional world and seamless alignment with Indian beliefs and value-systems.

SCHOOL OF BUSINESS
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MODY UNIVERSITY
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SCHOOL OF BUSINESS

SCHOOL OF BUSINESS
Mody University of Science & Technology

Faculty Development Programme

(17th to 21st June, 2019)

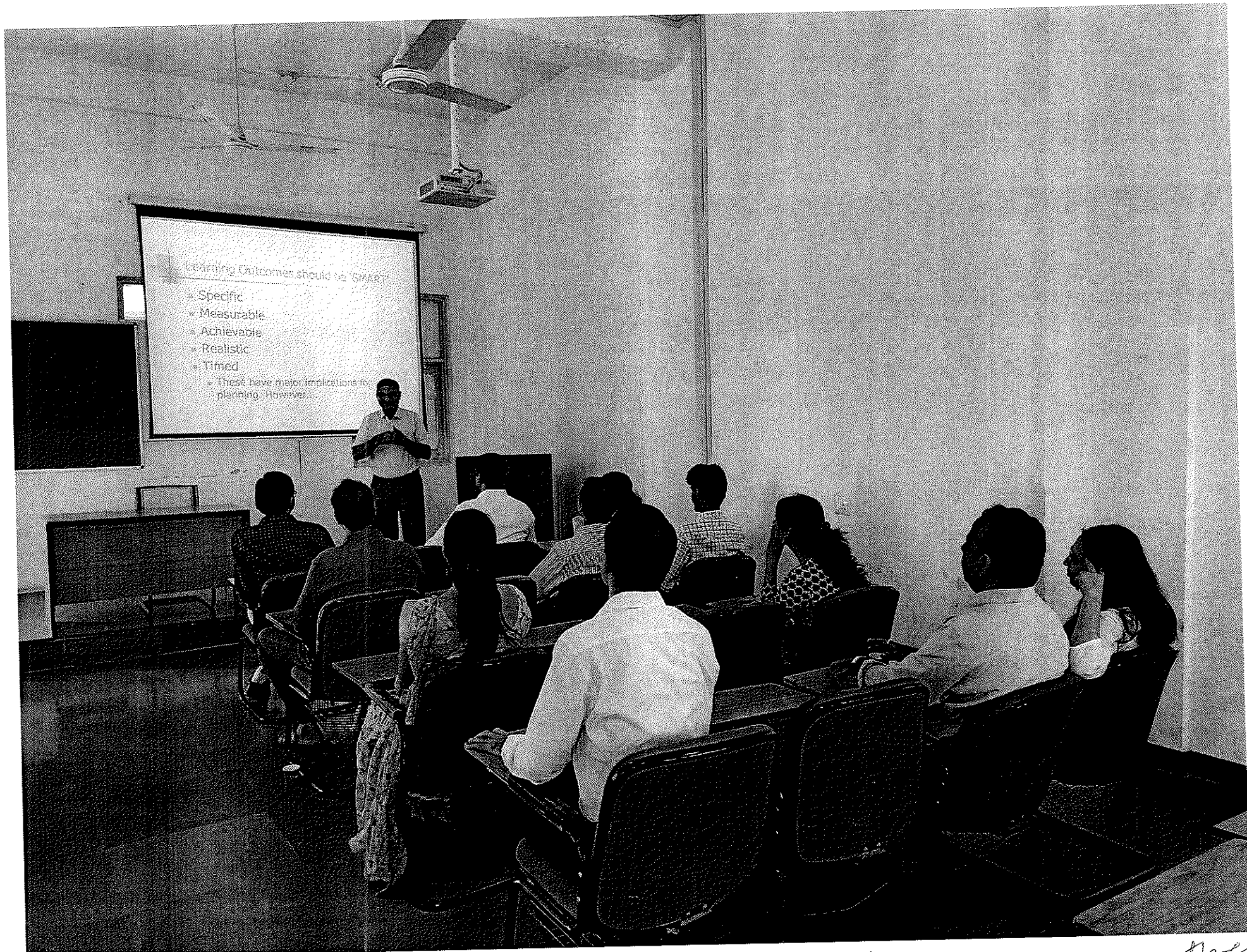
IT Tools for Teaching Pedagogy

Convener

Dr. Anirban Sengupta
Dean, School of Business, Mody University

Coordinators

Dr. Ashish K Sharma +91 99283 67860
Dr. Surendra Rajpurohit +91 89495 10063


Learning Outcomes should be 'SMART'
Specific
Measurable
Achievable
Realistic
Timed
These have major implications for
planning. However,

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Laxmangarh (Rajasthan) - 332311

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Faculty Development Programme
on
IT Tools for Teaching Pedagogy
(17th to 21st June, 2019)

List of Participants

S. No.	Name	Address and Contact Details
1	Dr. S. S. Rajpurohit	Associate Professor, MUST, Tel. 8949510063
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4	Mr. Sumit Kulsreshtha	Assistant Professor, MUST, Tel. 9929718918
5	Dr. Manish Didwania	Professor, MUST, Tel. 9929718918
6	Dr. Sanjay Joshi	Assistant Professor, MUST, Tel. 6396386122
7	Ms. Sukriti Khatri	Lecturer, MUST, Tel. 9928606040
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9	Dr. Anjali Sharma	Assistant Professor, MUST, Tel. 9587078813
10	Dr. Prateek Bhanti	Associate Professor, MUST, Tel. 94146644006
11	Dr. Ajay Kumar	Assistant Professor, MUST, Tel. 9772850088



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CERTIFICATE OF PARTICIPATION

AWARDED TO

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for active participation in Faculty Development Programme on "**IT Tools for Teaching Pedagogy**" organized by School of Business, Mody University during 17th to 21st June, 2019.

Dean, SoBMU
21st June. 2019

4th FDP on IT Tools for Teaching Pedagogy
(17-21 June, 2019)
Discussion on FDP

In the morning session, Prof. Anirban Sengupta talked about Digital Pedagogy: Online Teaching Modes, Tools and Techniques. Dr. B. S. Rathore expressed his views on Role of ICT in the Enhancement of Management Skills Among Learners. Dr. Atanu Mandal deliberated on New IT based Approaches in Teaching Management, Economics and Commerce. Dr. Ashish Kumar Sharma presented his views on Use of IT in Classroom Teaching. There was also an intense discussion among the panel members about the use of ICT Tools to Escalate Students' Motivation.

In the afternoon session, Prof. Anirban Sengupta talked about Use of Wikipedia/Social Media in Education. Dr. B. S. Rathore expressed his views on Use of Various Apps for Online Teaching. Dr. Atanu Mandal deliberated on Content Analysis in Teaching. Dr. Ashish Kumar Sharma presented his views on Various Tools for Online Exam, Quiz and Survey.

4th FDP on IT Tools for Teaching Pedagogy
(17-21 June, 2019)

Outcome of the FDP

The FDP was successful in creating awareness among teachers and management practitioners about IT Tools for Teaching Pedagogy. Various discussions were held on the current scenario and challenges in IT Tools for Teaching Pedagogy. Also knowledge about the innovative trends and best practices in IT Tools for Teaching Pedagogy was shared amongst the participants. So, it can be said that the FDP was fruitful for everybody and the real objective was achieved.