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FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences
(8th – 13th August, 2016)

Organized by

Department of Mathematics,

College of Arts, Science and Humanities (CASH)

Mody University of Science and Technology

Lakshmangarh, Sikar, Rajasthan. 332311



To
The Dean
College of Arts, Science and Humanities (CASH)
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Date: 18.07.2016

Subject: Proposal of FDP for Approval.

Dear Sir

The Department of Mathematics, College of Arts, Science and Humanities is planning to organize faculty development program from 8-13th August, 2016 on "Computational Modeling and Simulation for Applied Sciences".

Kindly approve for the same.

Thanks and regards,


Dr Arvind Maharshi 18/7/2016

Head , Department of Mathematics

✓
The proposal is approved/ not approved.


Dean

College of Arts, Science and Humanities (CASH)



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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 programme is devoted to motivate young scientist and research scholars in different research areas such as Optimization theory, Numerical methods, modeling and simulation, graph theory Chemical and physical sciences, health management and intra disciplinary research field, different fields of engineering and technology.

Major Course Contents:

- Mathematical modeling and Simulation
- Engineering and Sciences
- Health management
- Research Methodology
- Mathematical applications in Engineering
- Physical and Chemical sciences
- Optimization theory and numerical methods
- Microbiology and Biotechnology

Important dates:

Last date for submission of Application: 05/08/2016

Duration : 8th – 13th August, 2016



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Date / Time	Morning Session:10.30 -11.30 AM	Afternoon Session: 12.00- 1.30 PM Technical session I (Talk by Recourse persons)	Evening Session:3.00-4.30 PM Technical session II (Talk by Recourse persons)
8.08.2016	Lighting of Lamp and Saraswati Vandana Address By the Vice Chancellor	Preparation and Characterization of plant protein-magnetite Nano-bio hybrid Professor A K Das: Department of Chemistry College of Arts Science and Humanities Mody University, Lakshmangarh	Transportation, Assignment and Transshipment Problems: Dr V D Joshi Assistant Professor Department of mathematics JECRC University , Jaipur
9.08.2016	Research Methodology: An Overview: Dr R C Nayak Assistant Professor Department of Arts College of Arts Science and Humanities Mody University, Lakshmangarh	Modeling and Simulation in Graph Theory: Dr Jitendra Binwal Associate Professor Department of mathematics College of Arts Science and Humanities Mody University, Lakshmangarh	Applications of Artificial Intelligence (TTT): Mr Anand Sharma Assistant Professor Department of Mechanical Engineering College of Engineering and Technology Mody University, Lakshmaangarh
10.08.2016	Finite Difference Approximations for Solution of Boundary Value problems: Dr Arvind Maharshi Associate Professor Department of Mathematics College of Arts Science and Humanities Mody University, Lakshmangarh	Holistic Health Management: Dr K P Sharma Assistant Professor Department of Bioscience College of Arts Science and Humanities Mody University, Lakshmaangarh	Understanding Optical Fiber Communication: Dr Rajeev Pourus Associate Professor Department of ECE College of Engineering and Technology Mody University, Lakshmangarh

11.08.2016	Technical session I: (Talk by Recourse persons) Computer Vision in Healthcare Applications: Dr Shamik Tiwari Assistant Professor Department of CSE College of Engineering and Technology Mody University, Lakshmanagarh	Technical session II (Talk by Recourse persons) Dynamics of Gaussian beam in Nonlocal Nonlinear media: Dr Manoj Mishra Assistant Professor Department of Physics College of Arts Science and Humanities Mody University, Lakshmanagarh	Technical session III (Talk by Recourse persons) An efficient algorithm for ensuring storage of data and security in cloud computing: Dr Amit Jain Assistant Professor Department of CSE Sir Padampat Singhania University, Udaipur
12.08.2016	Technical session I: (Talk by Recourse persons) LPWAN: The Ultimate Long Range Low Power Solution : Dr Jeetu Sharma Assistant Professor Department of ECE College of Engineering and Technology Mody University, Lakshmanagarh	Technical session II (Talk by Recourse persons) Introduction to Game Theory: Mr Vikrant Sharma Assistant Professor Department of Mechanical Engineering College of Engineering and Technology Mody University, Lakshmanagarh	Technical session III (Talk by Recourse persons) Green Synthesis of Indole Derivatives under Grindstone Chemistry Technique: Dr Harshita Sachdeva Associate Professor Department of Chemistry College of Arts Science and Humanities Mody University, Lakshmanagarh
13.08.2016	Hypothesis Testing: Dr Atul Kumar Assistant Professor Department of Mechanical Engineering College of Engineering and Technology Mody University, Lakshmanagarh	Valedictory and Vote of Thank Distribution of certificates. Vote of thanks by: Dr Arvind Maharshi Dr Jitendra Binwal	

Tea Break: 11.30-12.00 PM

High Tea: on 08.08.2016 at 11.30 AM

Lunch Break: 1.30 – 2.30 PM.



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Organizing Committee and Resource Person

Convener: Dr. Arvind Maharshi

Organizing Secretary: Dr. Jitendra Binwal

S. No	Name of Resource Person	Affiliation	Topic of the Talk
1	Prof. A K Das	Mody University, Lakshmangarh	Preparation and Characterization of plant protein-magnetite Nano-bio hybrid.
2	Dr Jitendra Binwal	Mody University, Lakshmangarh	Modeling and Simulation in Graph Theory.
3	Dr R C Nayak	Mody University, Lakshmangarh	Research Methodology: An Overview.
4	Dr K P Sharma	Mody University, Lakshmangarh	Holistic Health Management.
5	Dr Manoj Mishra	Mody University, Lakshmangarh	Dynamics of Gaussian beam in Nonlocal Nonlinear media.
6	Mr Vikrant Sharma	Mody University, Lakshmangarh	Introduction to Game Theory.
7	Dr Anand Sharma	Mody University, Lakshmangarh	Applications of Artificial Intelligence (TTT).
8	Dr Arvind Maharshi	Mody University, Lakshmangarh	Finite Difference Approximations for Solution of Boundary Value problems.
9	Dr Jitu Sharma	Mody University, Lakshmangarh	LPWAN: The Ultimate Long Range Low Power Solution.
10	Dr Rajeev Pourus	Mody University, Lakshmangarh	Understanding Optical Fiber Communication.
11	Dr V D Joshi	JECRC, University , Jaipur	Transportation, Assignment and Transshipment Problems.
12	Dr Harshita Sachdeva	Mody University, Lakshmangarh	Green Synthesis of Indole Derivatives under Grindstone Chemistry Technique.
13	Dr. Shamik Tiwari	Mody University, Lakshmangarh	Computer Vision in Healthcare Applications.
14	Dr Atul Kumar	Mody University, Lakshmangarh	Hypothesis Testing.
15	Dr Amit Jain	Sir Padampat Singhania University, Udaipur	An efficient algorithm for ensuring storage of data and security in cloud computing.



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CERTIFICATE

This is to certify that Dr./Mr./MS. Atul Kumar has delivered a talk on the topic *Hypothesis Testing* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

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CERTIFICATE

This is to certify that Dr./Mr./MS. Harshita Sachdeva has delivered a talk on the topic *Green Synthesis of In dolo Derivatives under Grindstone Chemistry Technique* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. R C Nayak has delivered a talk on the topic *Research Methodology: An Overview* as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Rajeev Pourush has delivered a talk on the topic *Understanding Optical Fiber Communication* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Manoj Mishra has delivered a talk on the topic *Dynamics of Gaussian beam in Nonlocal Nonlinear media* as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. K P Sharma has delivered a talk on the topic *Holistic Health Management* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Jitendra Binwal has delivered a talk on the topic *Modeling and Simulation in Graph Theory* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Jeetu Sharma has delivered a talk on the topic *LPWAN: The Ultimate Long Range Low Power Solution* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Amit Jain has delivered a talk on the topic *An efficient algorithm for ensuring storage of data and security in cloud computing* as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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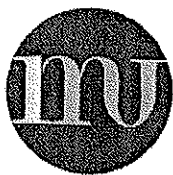
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CERTIFICATE

This is to certify that Dr./Mr./MS. Anand Sharma has delivered a talk on the topic *Applications of Artificial Intelligence* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. *Vikrant Sharma* has delivered a talk on the topic *Introduction to Game Theory* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Shamik Tiwari has delivered a talk on the topic *Computer Vision in Healthcare Applications* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. V D Joshi has delivered a talk on the topic *Transportation, Assignment and Transshipment Problems* as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. Arvind Maharshi has delivered a talk on the topic *Finite Difference Approximations for Solution of Boundary Value problems* as a resource person in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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CERTIFICATE

This is to certify that Dr./Mr./MS. A K Das has delivered a talk on the topic *Preparation and Characterization of plant protein-magnetite Nano-bio hybrid* as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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List of Participants

S. No.	Name of faculty/ research scholar	Contact Number
1.	Dr. Purnima sharma	
2.	Ms purnima saraswat	8955697479
3.	Dr A K singh	9910535145
4.	Dr Sumit Kulsherstha	8079033353
5.	Dr Sarita khathuria	9929718918
6.	Dr Tathagata Ghosh	7737075719
7.	Mr S S Verma	9904237226
8.	Mr Niranjan Verma	9829295079
9.	Prof. R K Gaur	9530243621
10.	Dr K L Ameta	9352911723
11.	Dr A S Rao	9414682501
12.	Dr Sangita Jhaharia	9587063792
13.	Dr Manish Didwaniya	7733009289
		8209688221



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This is to certify that Dr./Mr./MS. A S Rao has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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This is to certify that Dr./Mr./MS. S S Verma has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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This is to certify that Dr./Mr./MS. Sangeeta Jhajharia has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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This is to certify that Dr./Mr./MS. R K Gaur has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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यथा शिखा मयूराणां नागानां मणयो यथा।
तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम्॥

CERTIFICATE

This is to certify that Dr./Mr./MS. Sumit Kulshrestha has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
Dr Arvind Maharshi
HOD



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CERTIFICATE

This is to certify that Dr./Mr./MS. Tathagata Ghosh has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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Dr. Jitendra Binwal

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CERTIFICATE

This is to certify that Dr./Mr./MS. Sarita Khaturia has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

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Dr. Jitendra Binwal

Convener
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CERTIFICATE

This is to certify that Dr./Mr./MS. K L Ameta has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
Dr Arvind Maharshi
HOD



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तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम् ॥

CERTIFICATE

This is to certify that Dr./Mr./MS. Purnima Sharma has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
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तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम् ॥

CERTIFICATE

This is to certify that Dr./Mr./MS. Poornima Saraswat has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

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CERTIFICATE

This is to certify that Dr./Mr./MS. Niranjana Lal has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
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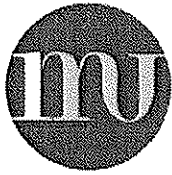
यथा शिखा मयूराणां नागानां मणयो यथा।
तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम्॥

CERTIFICATE

This is to certify that Dr./Mr./MS. Ajay Kumar Singh has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
Dr Arvind Maharshi
HOD



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तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम् ॥

CERTIFICATE

This is to certify that Dr./Mr./MS. Manish Didwania has participated in the faculty development program , organized by the Department of Mathematics , College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Organizing Secretary
Dr. Jitendra Binwal

Convener
Dr Arvind Maharshi
HOD



FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences

(8th – 13th August, 2016)

Organized by

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

Registration Form

1. Name : Dr. Tathagata Chhosh
2. Designation : Temporary Teaching Assistant Prof.
3. Institution : The M. S. University of Baroda
4. Email : tathagata.geo@gmail.com
5. Mobile No : 9904237226
6. Address for correspondence : Dept. of Geography, Faculty of Science,
The M. S. University of Baroda, Vadodra
7. Educational qualification : Ph.D.
8. Subjects taught for : Geography
9. Experience in years :
 - i. Teaching : 04
 - ii. Research : 06
 - 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: 5/8/2016

Tathagata Chhosh
Signature of the Applicant



FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences

(8th – 13th August, 2016)

Organized by

Department of Mathematics,

College of Arts, Science and Humanities (CASH)

Mody University of Science and Technology

Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : Dr K L Ameta
2. Designation : Associate Professor
3. Institution : Mody University of SC & Tech
4. Email : klameta.cash@modyuniversity.ac.in
5. Mobile No : 9414682501
6. Address for correspondence : Mody University
7. Educational qualification : Ph.D.
8. Subjects taught for : Chemistry VG & PG
9. Experience in years : 15 year
 - i. Teaching : 15 years
 - ii. Research : 17 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: 05/08/2016


Signature of the Applicant 05/08/2016



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
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(8th – 13th August, 2016)

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

Registration Form

1. Name : Mr. S. S. Verma
2. Designation : Assistant professor (CSE)
3. Institution : Mody University of Science and Technology Lakshmangarh
4. Email : ssverma80@gmail.com
5. Mobile No : 9829295079
6. Address for correspondence : Department of CSE, MU,
7. Educational qualification : M. Tech. (CSE)
8. Subjects taught for : C++ , Java
9. Experience in years : 8+ years
 - i. Teaching : 8 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: 4/8/2016

S. S. Verma
Signature of the Applicant



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(8th – 13th August, 2016)

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

Registration Form

1. Name : Ms. Purnima Sharma
2. Designation : Assistant Professor
3. Institution : Mody University of Science & Tech
4. Email : purnimasharma.cet@modyuniversityra
5. Mobile No : 8955697479
6. Address for correspondence : Dept. of CCE, SET
7. Educational qualification : M.Tech
8. Subjects taught for : Electronics & Communicate Eng.
9. Experience in years :
 - i. Teaching : 4
 - 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: 3/8/2016


Signature of the Applicant



FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences

(8th – 13th August, 2016)

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College of Arts, Science and Humanities (CASH)
Mody University of Science and Technology
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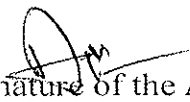
Registration Form

1. Name : Dr. Ajay Kr Singh
2. Designation : Asst. Prof.
3. Institution : CBT- MUST
4. Email : aksingh.cet@modyuniversity.ac.in
5. Mobile No : 9414806479
6. Address for correspondence : CBT- MUST
7. Educational qualification : Ph.D. M.Tech. B.E.
8. Subjects taught for : CSB
9. Experience in years : 16 year
 - i. Teaching : 16 year.
 - ii. Research :
 - iii. Industry :

Declaration

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

Date: 5/08/2016


Signature of the Applicant



FACULTY DEVELOPMENT PROGRAMME (FDP) ON
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Registration Form

1. Name : R k Gaur
2. Designation : Professor
3. Institution : Mody University
4. Email : gaussajasshi@hotmail.com
5. Mobile No : 9352911723
6. Address for correspondence : School of Science, Mody University
7. Educational qualification : PhD
8. Subjects taught for : Biochemistry & Biotechnology
9. Experience in years : 15
 - i. Teaching : 11
 - ii. Research : 15
 - 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: 9/8/16

Roy asshi
Signature of the Applicant



FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences

(8th – 13th August, 2016)

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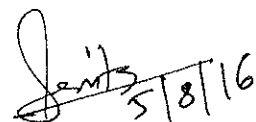
Registration Form

1. Name : Dr. Sarita Khaturig
2. Designation : Assistant Prof.
3. Institution : MUST, Lakshmangarh, Sikar (Raj.)
4. Email : SKhaturig.cash@modyuniversity.ac.in
5. Mobile No : 7737075719
6. Address for correspondence : Deptt. of chem. Mody Univ. of Science and Tech.
7. Educational qualification : M.Sc., M.Phil., NET, GATE, Ph.D
8. Subjects taught for : _____
9. Experience in years : 9 years
 - i. Teaching : 9 years
 - ii. Research : 6 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: 5/8/16



Signature of the Applicant



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
Computational Modeling and Simulation for Applied Sciences**

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Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : Dr. Sangeeta Jhaipania
2. Designation : Asst. Professor
3. Institution : CASH, Mody University
4. Email : sangeetajhaipania.cash@modyuniversity.ac.in
5. Mobile No : 7733009289
6. Address for correspondence : 453, Mody University
7. Educational qualification : Ph. D.
8. Subjects taught for : U.G., P.G.
9. Experience in years :
 - i. Teaching : 15 Yrs.
 - 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: 3 Aug 2016

S. Jhaipania
Signature of the Applicant



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

Registration Form

1. Name : Dr. Manish Didwania
2. Designation : Associate Professor
3. Institution : CORMEC
4. Email : m.didwania.cormec@modyuniversity.ac.in
5. Mobile No : 9413857551
6. Address for correspondence : CORMEC - MVST
7. Educational qualification : M.Com.(ABST), Ph.D.
8. Subjects taught for : Accounting and Finance
9. Experience in years : 12 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: 8/8/2016

Signature of the Applicant



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
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Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : SUMIT KULSHRESTHA
2. Designation : Asst. Professor
3. Institution : School of Business
4. Email : Sumitkulshrestha.sob@modyuniversity.ac.in
5. Mobile No : 9929718918
6. Address for correspondence : SOB, Mody University
7. Educational qualification : UGC-NET, MBA
8. Subjects taught for : Finance, Financial Modelling & derivatives
9. Experience in years : 13.5 Y
 - i. Teaching : 12 Y
 - ii. Research : 6 Y
 - iii. Industry : 1.5 Y

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.

Signature of the Applicant

Date:



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

Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : A S Rao
2. Designation : Associate Professor
3. Institution : Mody University
4. Email : asrao.cash@modyuniversity.ac.in
5. Mobile No : 9587063792
6. Address for correspondence : CASH – MUST, Lakshmangarh
7. Educational qualification : MA, MPhil, Ph.D.
8. Subjects taught for : English
9. Experience in years : 16
 - i. Teaching : 16
 - ii. Research : 16
 - 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: 4/08/2016

A S Rao
Signature of the Applicant



**FACULTY DEVELOPMENT PROGRAMME (FDP) ON
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Registration Form

1. Name : Poornima Salaswat
2. Designation : PhD Student
3. Institution : Mody University
4. Email : poornimasalaswat@gmail.com
5. Mobile No : 9910535145
6. Address for correspondence : C-80, Surya Nagar, Sector VII, UP-201011
7. Educational qualification : MSc.
8. Subjects taught for : Food & Nutrition
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 a responsibility to inform the coordinators in case I am unable to attend the course.

Date: 6/8/16

Poornima
Signature of the Applicant



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Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan. 332311

Registration Form

1. Name : Niranjan Lal
2. Designation : Assistant professor
3. Institution : CET, MUST
4. Email : niranjan-verma951@yahoo.com
5. Mobile No : 991-9530243621
6. Address for correspondence : CET
7. Educational qualification : M.Tech
8. Subjects taught for : DBMS, SE
9. Experience in years : 9 YRS
 - i. Teaching : 9 YRS
 - 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: 5/08/2016


Signature of the Applicant

Day and Session wise Attendance of Participants (from 08.08.2016 to 13.08.2016)

S. No.	Name of participants	08.08.2016		
		Morning Seession 10.30.- 11.30 AM	Afternoon Session 12.00-1.30 PM	Evening Session 3.00-4.30 PM
1	Dr. Purnima sharma	Purnima	Purnima	Purnima
2	Ms purnima saraswat	Purnima	Purnima	Purnima
3	Dr A K singh	AKS	AKS	AKS
4	Dr Sumit Kulsherstha	Sumit	Sumit	Sumit
5	Dr Sarita khathuria	Sarita	Sarita	Sarita
6	Dr Tathagata Ghosh	Tathagata	Tathagata	Tathagata
7	Mr S S Verma	S.S.V	S.S.V	S.S.V
8	Mr Niranjana Verma	Niranjana	Niranjana	Niranjana
9	Prof. R K Gaur	R.K.G	R.K.G	R.K.G
10	Dr K L Ameta	K.L.A	K.L.A	K.L.A
11	Dr A S Rao	A.S.R	A.S.R	A.S.R
12	Dr Sangita Jhajharia	Sangita	Sangita	Sangita
13	Dr Manish Didwaniya	Manish	Manish	Manish

S. No.	Name of participants	09.08.2016		
		Morning Seession 10.30.- 11.30 AM	Afternoon Session 12.00-1.30 PM	Evening Session 3.00-4.30 PM
1	Dr. Purnima sharma	Purnima	Purnima	Purnima
2	Ms purnima saraswat	Purnima	Purnima	Purnima
3	Dr A K singh	AKS	AKS	AKS
4	Dr Sumit Kulsherstha	Sumit	Sumit	Sumit
5	Dr Sarita khathuria	Sarita	Sarita	Sarita
6	Dr Tathagata Ghosh	Tathagata	Tathagata	Tathagata
7	Mr S S Verma	S.S.V	S.S.V	S.S.V
8	Mr Niranjana Verma	Niranjana	Niranjana	Niranjana
9	Prof. R K Gaur	R.K.G	R.K.G	R.K.G
10	Dr K L Ameta	K.L.A	K.L.A	K.L.A
11	Dr A S Rao	A.S.R	A.S.R	A.S.R
12	Dr Sangita Jhajharia	Sangita	Sangita	Sangita
13	Dr Manish Didwaniya	Manish	Manish	Manish

S. No.	Name of participants	10.08.2016		
		Morning Seession 10.30.- 11.30 AM	Afternoon Session 12.00-1.30 PM	Evening Session 3.00-4.30 PM
1	Dr. Purnima sharma	Purnima	Purnima	Purnima
2	Ms purnima saraswat	Purnima	Purnima	Purnima
3	Dr A K singh	AKS	AKS	AKS
4	Dr Sumit Kulsherstha	Sumit	Sumit	Sumit
5	Dr Sarita khathuria	Sarita	Sarita	Sarita
6	Dr Tathagata Ghosh	Tathagata	Tathagata	Tathagata
7	Mr S S Verma	S.S.V	S.S.V	S.S.V
8	Mr Niranjana Verma	Niranjana	Niranjana	Niranjana
9	Prof. R K Gaur	R.K.G	R.K.G	R.K.G
10	Dr K L Ameta	K.L.A	K.L.A	K.L.A
11	Dr A S Rao	A.S.R	A.S.R	A.S.R
12	Dr Sangita Jhajharia	Sangita	Sangita	Sangita
13	Dr Manish Didwaniya	Manish	Manish	Manish

S. No.	Name of participants	11.08.2016		
		Morning Seccession 10.30.- 11.30 AM	Afternoon Session 12.00-1.30 PM	Evening Session 3.00-4.30 PM
1	Dr. Purnima sharma	Purnima	Purnima	Purnima
2	Ms purnima saraswat	Purnima		
3	Dr A K singh	AK	AK	AK
4	Dr Sumit Kulsherstha	Sumit		
5	Dr Sarita khathuria	Sarita		
6	Dr Tathagata Ghosh			
7	Mr S S Verma	S.S.		
8	Mr Niranjana Verma	Nir	Nir	Nir
9	Prof. R K Gaur	RK	RK	RK
10	Dr K L Ameta	KL		
11	Dr A S Rao	AS		
12	Dr Sangita Jhajharia			
13	Dr Manish Didwaniya			Manish

S. No.	Name of participants	12.08.2016		
		Morning Seccession 10.30.- 11.30 AM	Afternoon Session 12.00-1.30 PM	Evening Session 3.00-4.30 PM
1	Dr. Purnima sharma	Purnima	Purnima	Purnima
2	Ms purnima saraswat	Purnima		
3	Dr A K singh	AK	AK	AK
4	Dr Sumit Kulsherstha	Sumit		
5	Dr Sarita khathuria	Sarita		
6	Dr Tathagata Ghosh			
7	Mr S S Verma	S.S.		
8	Mr Niranjana Verma	Nir	Nir	Nir
9	Prof. R K Gaur	RK	RK	RK
10	Dr K L Ameta	KL		
11	Dr A S Rao	AS		
12	Dr Sangita Jhajharia			
13	Dr Manish Didwaniya	Manish		

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1	Dr. Purnima sharma	Purnima	
2	Ms purnima saraswat	Purnima	
3	Dr A K singh	AK	
4	Dr Sumit Kulsherstha	Sumit	
5	Dr Sarita khathuria	Sarita	
6	Dr Tathagata Ghosh		
7	Mr S S Verma	S.S.	
8	Mr Niranjana Verma	Nir	
9	Prof. R K Gaur	RK	
10	Dr K L Ameta	KL	
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13	Dr Manish Didwaniya	Manish	



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A Leading Women's University



*College of Arts, Science
and Humanities*

Department of Mathematics

यथा शिखा मयूराणां नागानां मणयो यथा।
तद्वद् वेदांगशास्त्राणां गणितं मूर्धनि स्थितम्॥

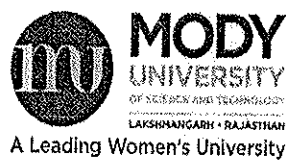
CERTIFICATE

This is to certify that Dr./Mr./MS. has delivered a talk on the topic as a resource person in the faculty development program, organized by the Department of Mathematics, College of Arts, Science and Humanities, Mody University, Lakshmangarh, Sikar 332311, Rajasthan, conducted from 8th to 13th August 2016.

Convener
Dr Arvind Maharshi
HOD

Organizing Secretary
Dr. Jitendra Binwal

13-08-2016



Applications of Artificial Intelligence -: Turing Test to Tesla :-

Dr Anand Sharma
+91-7737785474
anandsharma.cet@modyuniversity.ac.in

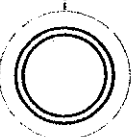
College of Engineering and Technology,
Mody University of Science and Technology, Lakshmangarh

AN EFFICIENT ALGORITHM FOR
ENSURING STORAGE OF DATA AND
SECURITY IN CLOUD COMPUTING

Dr. Amit Jain

Computer Science and Engineering Department
Sir Padampat Singhanian University, Udaipur

Preparation and Characterization of plant protein-magnetite Nano-bio hybrid



PROF. AMLAN KUMAR DAS

DEPARTMENT OF CHEMISTRY

COLLEGE OF ARTS, SCIENCE AND HUMANITIES

MODY UNIVERSITY OF SCIENCE AND TECHNOLOGY

LAKSHMANGARH, SIKAR, RAJASTHAN

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College of Arts , Science and Humanities

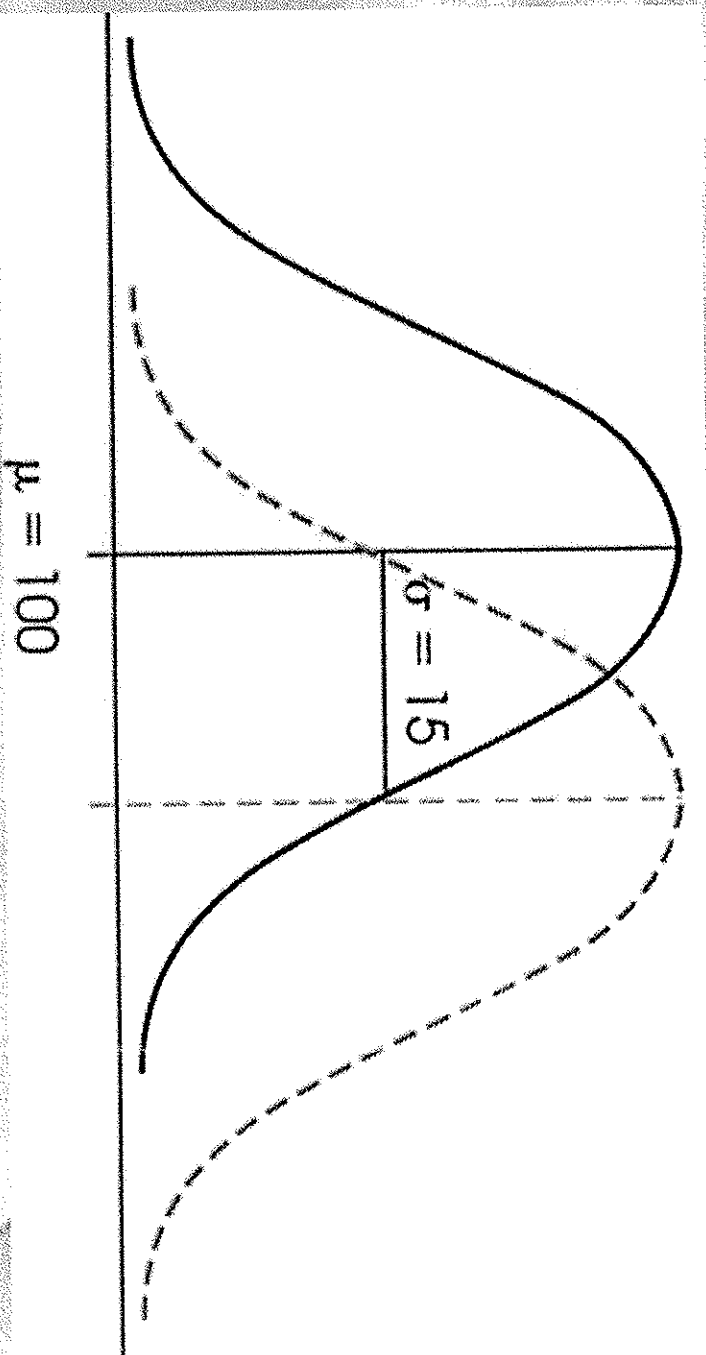
Department of Mathematics

Topic

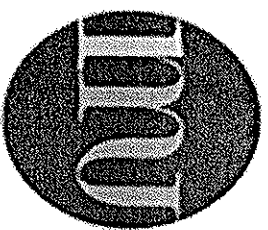
Finite Difference Approximations for Solution of Boundary Value
Problems

Dr. Arvind Maharshi
Associate Professor

Hypothesis Testing



Presented by
ATUL KUMAR,
College of Engineering and Technology



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UNIVERSITY
LAXMANGARH • RAJASTHAN



**COLLEGE OF ARTS, SCIENCE
AND HUMANITIES (CASH)**

Green Synthesis of Indole Derivatives under Grindstone Chemistry Technique

Harshita Sachdeva

Department of Chemistry, College of Arts, Science and
Humanities

Mody University of Science and Technology,
Laxmangarh-332311 (Sikar), Rajasthan
Email: hsachdeva.fasc@modyuniversity.ac.in

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College of Arts, Science and Humanities

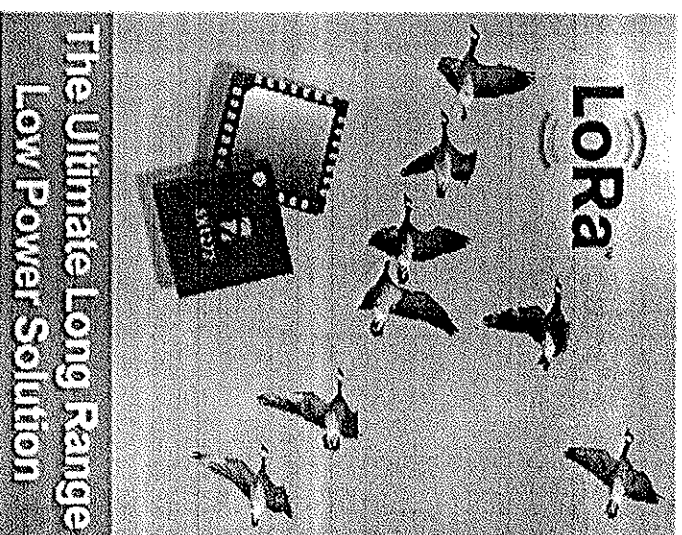
Department of Mathematics

Topic

Modeling and Simulation In Graph Theory

Dr. Jitendra Binwal
Associate Professor

LPWAN: The Ultimate Long Range Low Power Solution



The Ultimate Long Range
Low Power Solution

Presented By:

Dr. Jeetu Sharma
ECE dept., CET
MUST

HOLISTIC HEALTH MANAGEMENT

Dr K P Sharma

Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan-332311, India
Email: kpsharma.cash@modyuniversity.ac.in
Phone: +91-9829659294

Dynamics of Gaussian beam in Nonlocal Nonlinear Media



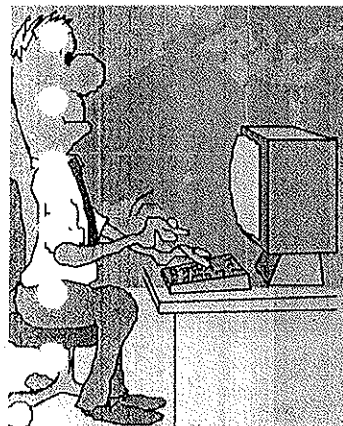
MODY
UNIVERSITY
OF SCIENCE AND TECHNOLOGY
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A Leading Women's University

Dr. Manoj Mishra

Department of Physics,

Mody University of Science and Technology,

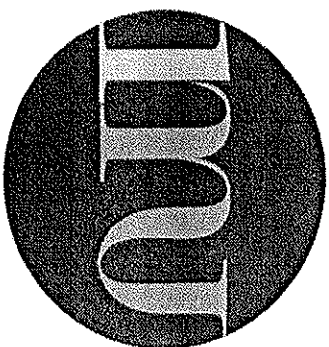
Lakshmangarh-332311 Sikar, Rajasthan India



Research Methodology: An Overview

RAMESH CHANDRA NAYAK, Ph.D

*Assistant Professor of Sociology
College of Arts Science and Humanities
Mody University of Science and Technology
Lakshmangarh, Sikar, Rajasthan*



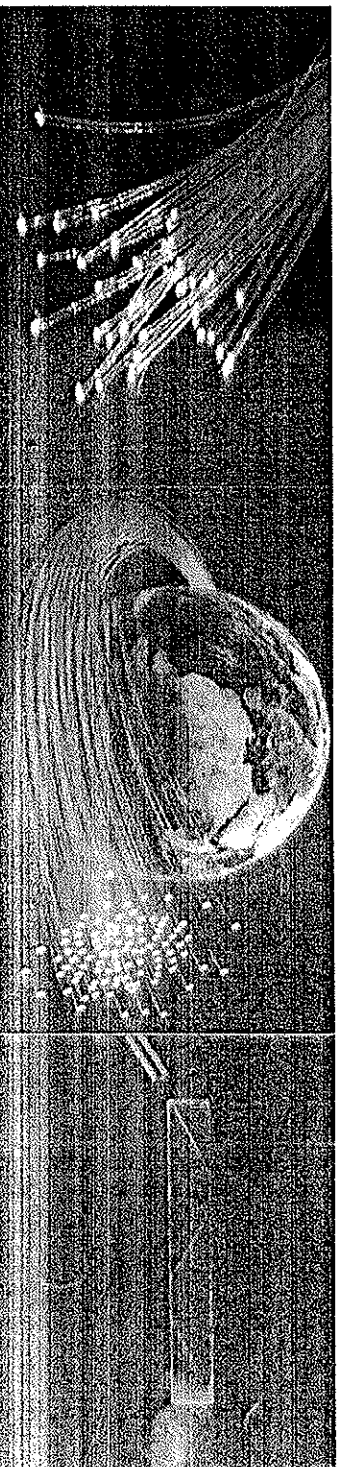
Understanding Optical Fiber Communication

"Communications over hair-thin strands of glass"

Presentation

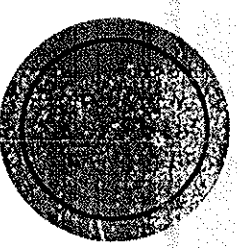
By

Rajeev Pourush



Faculty Development Programme (FDP)
on

COMPUTER VISION IN HEALTHCARE APPLICATIONS



Dr. Sharnik

College of Engineering & Techn

Moddy University of Science & Technology, Lakshmanagarh

Title of the talk:

*Transportation, Assignment and
Transshipment Problems*

at

Modu University of Science and Technology, Lakshmanagarh

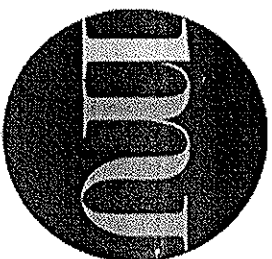
by

Dr. V. D. Joshi

Assistant Professor

JECRC University, Jaipur

Introduction to Game Theory



Vikrant Sharma

Mechanical Engineering Department

Mody University of Science and Technology

COLLEGE OF ARTS, SCIENCE AND HUMANITIES
DEPARTMENT OF MATHEMATICS

FACULTY DEVELOPMENT PROGRAMME ON
COMPUTATIONAL MODELING AND SIMULATION FOR
APPLIED SCIENCES
(8TH-13TH AUGUST 2016)

FACULTY CO-ORDINATORS
DR. ARVIND MAHARSHI
DR. JITENDRA BINWAL

