6.3: Faculty Empowerment Strategies

6.3.3: Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), Management Development Programmes (MDPs) professional development / administrative training programs during the last five years

Brochures

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

Criterion 6 - Governance, Leadership and Management

FDP Brochures 6.3.3 supporting

RESOURCE PERSONS

Dr. Nikita Jain
Professor & Head,
Department of Computer Engineeing
Poornima College of Engineering,
Jaipur

Dr. Abhishek Sharma
Associate Professor
Department of Computer Engineeing
Poornima College of Engineering, Jaipur

Dr. Saurabh Shandilya
Professor, Department of Advance Computing,
Poornima College of Engineering, Jaipur

Mr. Manish Dubey
Assistant Professor & Deputy Head
Department of Computer Engineeing
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Dr. Kamlesh Gautam
Associate Professor & Head,
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PATRON

Prof. (Dr.) Mahesh Bundele
Principal & Director, Poornima College of Engineering, Jaipur
Dr. Pankaj Dhemla
Vice Principal, Poornima College of Engineering, Jaipur

PROGRAM CHAIRS

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Professor & Head, Department of Computer Engineering

Dr. Kamlesh Gautam
Associate Professor & Head, Department of Advance Computing

Mr. Manish Dubey
Assistant Professor & Deputy Head
Department of Computer Engineering

COORDINATORS

Dr. Abhishek Sharma
Associate Professor, Department of Computer Engineering
Mr. Shirish Mohan Dubey
Assistant Professor, Department of Computer Engineerng

IMPORTANT DATES

Last date of Registration	February 9, 2024
Intimation of selection by mail	February 10, 2024
STTP duration	February 12-16, 2024
Session1 Timing:	8:45 AM to 10:15 AM
Session2 Timing:	1:45 PM to 3:15 PM

CONTACT FOR FURTHER INFORMATION

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ISI-6, RIICO Institutional Area, Sitapura, Jaipur, Rajasthan 302022
www.pce.poornima.org

One Week Short Term Training Program (STTP) on

Microsoft Tools for Creating Effective Teaching and Learning Environment

February 12-16, 2024

Office 365

Organized by
Department of Computer Engineering
&
Department of Advance Computing

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DIRECTOR
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Sardar Patel University · Poornima UNIVERSITY · CT UNIVERSITY PUNJAB·INDIA · N · ELT@I · MTTF

Jointly Organizes

Two-Week Faculty Development Programme on
Advanced Research Methodology for Social Sciences & Humanities

17-30 January 2024
12:00-14:00 (IST)

Limited Seats
500

Registration Fee

Basic: 235.50 INR including GST+

Internet handling fee: 5.00 INR,

Total registration fee: 240:50 INR

Held Through

ZOOM

Registration Last Date

15 January 2024

For More Information Visit

Upcoming Events: www.mttf.in/events
Email Address: contactus@mttf.in

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

Chief Patron

Sri. N. Subash, President, CBIT

Patron

Prof. C. V. Narasimhulu, Principal, CBIT

Conveners:

Prof. D. Krishna Reddy, Head, ECE
Prof. P. Prabhakar Reddy, Head, Mechanical

Advisory Committee:

Prof. P. Ravinder Reddy, Director & Head, R&E Hub
Prof. Umakanta Chaudhury, Advisor –Innovation & Incubation
Prof.A.D.Sarma, Advisor - R&D
Prof. N. T. Rao, Director –IQAC
Prof.P.V.R.Ravinder Reddy – Director – Students Affairs & Progression
Dr.N.L.N.Reddy, Director - CDC
Prof. M.Sushanth Babu, Director- Academics

Organizing Committee:

Coordinators

1. Dr. P. Narahari Sastry, Professor, Dept. of ECE, CBIT.
2. Dr. N.V. Srinivasulu, Professor, Dept. of Mechanical Engg, CBIT.

Co- Coordinators

Dr. G. Mallikharjuna Rao, Dr.M.Ramana Reddy, Mr.A.Krishna Kumar, Dept. of ECE.
Ms. P.Anjani Devi, Mr. K.Gurubrahmam, Dr.S.Narsimha Kumar, Dept. of Mech.

Registration QR Code & Link:

URL: http://surl.li/pcnjq
Contact:
Dr.M.Ramana Reddy, Asst.Prof.,Dept.of ECE, 9849634083
Sri.A.Krishna Kumar, Asst.Prof.,Dept.of ECE, 9440431769

Registration fee

- For PG students/ Ph.D. scholars/Industry persons: Rs 200
- For Faculty other than CBIT: Rs 300

CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY
An Autonomous Institute | Affiliated to Osmania University

COMMITTED TO
RESEARCH,
INNOVATION AND
EDUCATION
45 years

One Week Online Faculty Development Program on
"Application of AI/ML Using Pattern Recognition & Intellectual Property Rights"

29th January – 02nd February 2024

Organized by
Departments
of
Electronics and Communication Engineering
&
Mechanical Engineering

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY
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COMMITTED TO RESEARCH INNOVATION AND EDUCATION
45 years

FDP on "Application of AI/ML Using Pattern Recognition & Intellectual Property Rights" (Online mode)
29th January – 02nd February 2024

Schedule

Date	Timings	Session-1 (10:00 to 12:00 hrs)	Session – II (14:00 hrs to 15:30 hrs)
29/01/2024	Inaugural Session	Introducing Guests by Co-ordinators FDP-Setting Context by **Prof. C. V. Narasimhulu,** Principal, CBIT, Hyderabad, India **Address by FDP Coordinator** **Prof. P. Narahari Sastry,** ECE, CBIT **Address by Chief Guest** **Sri Adiki Srinivas** Sr. Customer Delivery Architect, AWS, USA	IPR- An Overview **Prof. N. V. Srinivasulu** Mechanical Engg. Department, CBIT
	Timings	**Session-1 (10:30 to 12:00 hrs)**	**Session – II (14:00 hrs to 15:30 hrs)**
30/01/2024	Topic	ML Model Life Cycle	Patent filing and Procedure
	Resource person	**Sri Adiki Srinivas** Sr. Customer Delivery Architect, AWS, USA	**Prof. C. K. Rao** Retd. DGM, BHEL
31/01/2024	Topic	Advances in AI	Pattern Recognition techniques applied to palm leaf characterRecognition.
	Resource person	**Prof. Siba Kumar Udgata** University of Hyderabad	**Prof. P. Narahari Sastry,** ECE, CBIT
1/02/2024	Topic	Pharma Research Content Management through advanced AI andML/NLM tools.	Enhancing awareness about Intellectual property rights (IPR) for safeguarding innovative ideas and products
	Resource person	**Dr. K. Vally Maya** Associate Director, CTS, Hyderabad	**Prof. Umakanta Chaudhury** Advisor (aki), CBIT
	Topic	Copyrights' in IPR and its protection	Address by Guest of Honour: (Research Opportunities for AI / ML)
	Resource person	**Prof. N. V. Srinivasulu** Mechanical Engg. Department, CBIT	**Prof. T. V. Rajini kanth** HOD (AI&ML)-SNIST-Hyderabad
2/02/2024	Valedictory Session (3:30 PM to 4:30 PM)	Feedback Report by **Prof. N.V. Srinivasulu**	
		FDP Report and analysis by **Prof. P. Narahari Sastry.**	
		Address by Prof. **C.V. Narasimhulu,** Principal CBIT	
		Vote of Thanks by **Dr S. Narasimha Kumar**	

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

Five Days International Faculty Development Programme (FDP)
on
A Comprehensive Exploration of Cognitronics by Unraveling Technologies

February 06-10, 2024

Department of Computer Engineering & Advance Computing, Poornima College of Engineering
Cordially invite you to Inaugural Session

Dr. Mahesh M. Bundele
Director & Principal, PCE, Jaipur

Dr. Pankaj Dhemla
Vice Principal, PCE, Jaipur

Ar. Rahul Singhi
Director, Poornima Group, Jaipur

Resource Persons

Dr. Sonal Sharma
Associate Professor
JAIN University (Deemed to be)

Dr. Shalini Puri
Associate Professor
Manipal University Jaipur

Dr. Jitendra Singh Kushwah
Associate Professor
Institute of Technology and Management Gwalior

Dr. Sourabh Singh Verma
Associate Professor
Manipal University Jaipur

Dr. Gopal Krishan
Associate Professor
IIMT College of Engineering, Greater Noida

Dr. Neelam Chaplot
Associate Professor
Manipal University Jaipur

Mr. Neelesh Jain
Assistant Professor (SG)
Jaypee University of Engineering & Technology

DR. AJAY KUMAR
Assistant Professor (SG)
Jaypee University of Engineering & Technology

Dr. Nikita Jain
Professor & Head
Poornima College of Engineering, Jaipur

Prof (Dr) Ankesh Singh
Teacher of Indian Culture
Embassy of India, Netherlands

Organized by

Department of Computer Engineering
&
Department of Advance Computing

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Coordinators

Dr. Abhishek Sharma
Associate Professor
Department of Computer Engineering

Ms. Neetu Joshi
Assistant Professor
Department of Advance Computing

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

G20
भारत 2023 INDIA
वसुधैव कुटुम्बकम्
ONE EARTH · ONE FAMILY · ONE FUTURE

This short-term course is designed to provide participants with a comprehensive understanding of how advanced machine learning techniques can be harnessed to address critical challenges in the realm of sustainability. This course offers a rigorous academic exploration of the complexities, strengths, and benefits of utilizing Machine Learning in sustainable technology applications (like as Electric Mobility, Energy Management in Renewable Sources, Cyber-Physical System, Health Monitoring of Batteries, Waste Management, Biomedical Signal Processing, Agricultural Yield Prediction etc.). Participants will grapple with the intricacies of environmental data, honing their skills in preprocessing and modeling to derive actionable insights from complex datasets. While navigating the ethical dimensions of AI, they will learn to mitigate biases and ensure fairness in algorithmic decision-making. The course empowers participants with the knowledge and practical skills required to optimize renewable energy systems, predict resource consumption trends, and enhance resource allocation efficiency, ultimately contributing to a more sustainable and responsible technological landscape. Through a blend of theoretical insights and hands-on applications, participants emerge equipped to lead in the development and implementation of eco-conscious technologies. The course is applicable for students, researchers, and engineering professionals who want to do research in fast growing and emerging renewable energy technology.

Course Coverage:

❖ Climate Modeling and Generative AI: Predicting and Adapting to Environmental Changes
❖ Robustness analysis in Sustainable technology
❖ Utilize ML to forecast and optimize energy consumption.
❖ ML Applications for Sustainable Health Infrastructure
❖ Leveraging Machine Learning in Sustainable Technologies for Efficient Waste Management
❖ Manage energy grids efficiently through machine learning techniques.
❖ Maximize solar panel efficiency with ML-driven analysis.
❖ Explore ML applications in precision agriculture and resource optimization.
❖ Multi-Agent based Cyber-Physical System
❖ Electric Mobility for Sustainable Development using AI
❖ Online Health Monitoring of Rechargeable Batteries based on Artificial Neural Network

Lab Sessions:

✓ Use ML to predict Agricultural Yield in presence of impure farm data.
✓ Use ML in Sustainable Technologies for Efficient Waste Management.
✓ Experimenting with Biomedical Signals using ML and Deep Learning Techniques.

Key Speakers:

➕ Dr. Praveen Pankajakshan, VP, DS & AI at Cropin
➕ Prof. Tandra Pal, NIT Durgapur
➕ Dr. Kaustuv Nag, IIIT Guwahati
➕ Dr. Punit Kumar Jain, NIT Rourkela
➕ Dr. Shyamapada Mukherjee, NIT Rourkela
➕ Dr. Chiranjit Sain, GKCIET Malda
➕ Prof. Pravat Kumar Ray, NIT Rourkela
➕ Dr. Dipayan Guha, MNIT Allahabad
➕ Dr. Prasenjit Dey, NIT Rourkela
➕ Dr. Arnab Ghosh, NIT Rourkela
➕ Dr. Arijit Guha, NIT Rourkela

National Institute of Technology Rourkela

Online Mode Short Term Course & Faculty Development Programme On

Applications of Machine Learning Techniques in Sustainable Technologies (AMLST-2024)
24th - 28th January 2024

Coordinators
Dr. Prasenjit Dey
Dr. Arnab Ghosh
Prof. Pravat Kumar Ray

Organized By
Dept. of Computer Science and Engg.
Dept. of Electrical Engineering
National Institute of Technology
Rourkela, Odisha - 769008

Technically Co-sponsored by:

◆IEEE
ROURKELA SUBSECTION

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

Introduction:

The integration of Machine Learning (ML) within the domain of Sustainable Technologies presents both a promising avenue and an array of intricate challenges. Foremost among these challenges is the inherent complexity and variability of environmental data, necessitating the development of advanced ML algorithms capable of handling noisy, multidimensional, and context-dependent information. Additionally, ethical concerns such as bias mitigation and fairness in algorithmic decision-making are paramount, ensuring that sustainability efforts remain equitable and unbiased.

Nevertheless, the strengths of ML are profound. Its predictive capabilities enable the optimization of renewable energy systems, prediction of resource consumption trends, and efficient allocation of resources. This translates into tangible benefits, including enhanced energy efficiency, reduced environmental impact, and cost savings. As a dynamic and interdisciplinary field, the application of ML in Sustainable Technologies represents a cogent response to contemporary environmental challenges, leveraging advanced data-driven techniques to foster sustainable practices and responsible technological advancement.

Online Account Details:

Account No: 10138951784
Account Name: CONTINUING EDUCATION NIT ROURKELA
IFSC No: SBIN0002109
Branch: State Bank of India, NIT Campus Rourkela

About the Institute:

The course will be organized by the Centre of Excellence on Renewable Energy Systems at the National Institute of Technology (NIT), Rourkela. It is one of the premier national-level institutions for technical education in the country and is funded by the Government of India.
Please visit https://www.nitrkl.ac.in/

39 NIRF Overall	16 NIRF Engg.	24 NIRF Research	281-290 QS Asia

About the Departments:

The department of Computer Science and Engineering is established with the vision to prepare its students for professional employment and graduate education through study and implementation of the fundamental principles of theory, abstraction, and software design. The department offers various UG and PG programmes with the mission to provide high-quality education that prepares the graduates for success in their professional practice.
Please visit https://website.nitrkl.ac.in/CS/

The department of Electrical Engineering is established with the vision to design technologies and nurture technologists for diverse and sustainable growth in electrical engineering, leading to wealth and welfare of humanity. The department offers various UG and PG programmes with the mission to develop a platform for forging students as technocrats in line with cutting-edge academic, research and modern industrial practices.
Please visit https://website.nitrkl.ac.in/EE/

Online Registration Form:

https://docs.google.com/forms/d/1ucPtfcSm7t-M9I8MmwNleOyepUH6PJ896aliPtEIUGE

Registration Details:

Category	Online Registration Fee in INR
Research Scholars/ PG / UG Student	500/-
Faculty from Engineering Institutes	600/-
Engineers from Industry and R&D Organizations	800/-

No registration fee for students / staffs of NIT Rourkela

Important Dates:

Registration Deadline: 15th January 2024
Short-term Course Date: 24th-28th January 2024

Contact us:

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  Rourkela– 769008, Orissa.

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FACULTY DEVELOPMENT PROGRAM (FDP)
Organised By: Department Of Information Technology
AI and Generative Models
15ᵗʰ to 19ᵗʰ January, 2024

Speaker

Mr. Amit Doshi

Sales Enablement Partner,
MathWorks, Pune, Maharashtra,
India

DAY 2

16ᵗʰ January 2024

6.00 PM to 7.15 PM

Topic:
Unveiling the Power of
Generative AI

FDP Coordinator
Prof. (Dr.) Premanand P. Ghadekar

FDP Co-coordinators
Mrs. Deepali R. Deshpande,
Mrs. Aparna R. Sawant

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

Dr. Meenakshi Mazumdar

DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

FREE Registration for the following   STTP/ FDP
Online Application Google Form Link: https://forms.gle/dnW2c1aUYtYEvL5B7

Sl. No.	Prog. Code	Mode	Venue	Programme Title	Programme Co-ordinator (s)	From	To	Week	Target Participant / Group
				NATIONAL LEVEL Short Term Training Programme / Faculty Development Programme					
1	PS58F	ICT/ Online	Kolkata	Professional Values and Ethics	Mithu Dey	04/12/2023	08/12/2023	1	Faculty and Staff Members from all Disciplines
2	CU119F	ICT/ Online	Kolkata	Commentary IS:456-2000 with expected Modifications in the Forthcoming Revision	Santanu Bhanja	18/12/2023	22/12/2023	1	Faculty from Civil, Architecture and Allied Disciplines
3	PS80F	ICT/ Online	Kolkata	Advanced Pedagogy	Arpan Kr. Mondal and Sukanta Kr. Naskar	15/01/2024	26/01/2024	2	Technical Teachers from all Disciplines
4	CU134F	Contact	Kolkata	Cloud Computing and HPC	Kinsuk Giri & Ranjan Dasgupta	05/02/2024	09/02/2024	1	Faculty of any Science and Engineering disciplines
5	CU137F	Hybrid (Contact/ Online)	Kolkata	Industrial Instrumentation	Sagarika Pal	19/02/2024	23/02/2024	1	Faculty of any Engineering disciplines

For Online Application Please click on the Link: https://forms.gle/dnW2c1aUYtYEvL5B7

Dr. Meenakshi Mazumdar
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Gwalior (M.P.)

Salesforce Developer

Program / Branch : B.Tech CS, IT & EC FY 2025
Salesforce Developer The Salesforce Developer Trailmix : https://trailhead.salesforce.com/users/trjha3/trailmixes/salesforce-developer-catalyst-v-3-0 • Sign Up with TAP registered email ID • Country- India • State -MP • Company Name - Institute of Technology & Management (ITM), Gwalior • Role Name – Student
Summary of the Course: The constantly increasing availability of customer data offers great opportunities for the organizations to gain managerial insights for attracting new customers and developing and maintaining relationships with existing customers. This course will equip you to build the applications on Salesforce Platform for the customers, in order to increase their effectiveness and efficiency. Salesforce Customer 360 is a guiding life cycle in managing the relationships with the customer through various technologies from Salesforce.
Prerequisites for the Course • **Salesforce Administrator Completed** • Has knowledge on object-oriented languages such as Apex, JavaScript, Java, C# • Has knowledge on data-driven applications and relational databases. • Has knowledge on Model View Controller (MVC) and component-based architectures. • Knows the capabilities of the core objects in the Salesforce schema. • Knows the capabilities and use cases for formula fields and roll-up summary fields. • Knows when to use declarative vs. programmatic methods to solve problems. • Knowledge of Apex programming language and can use Apex best practices to customize Salesforce. • Has the ability to extend the Lightning Platform using Apex, Visualforce, and basic Lightning Components.

Dr. Meenakshi Mazumdar
DIRECTOR
Institute of Technology & Management
Gwalior (M.P.)

TTP Format-5

==Program Information==

One Week Teachers Training Program (TTP)

On

"Introduction, Implementation and Application of CFD/FEM in Mechanical Engineering"

Date: 19th Nov 2019 to 23th Nov 2019

==PROGRAM OVERVIEW:==

Computational methods are increasingly becoming relevant in all engineering branches and Mechanical Engineering is no exception. These days, in addressing complex problems related to transport phenomena (with or without chemical reaction), implementation of mathematical models governing such processes provide insightful details. In this regard, CFD and FEM techniques are popular tools in formulating and solving flow models. Of late these techniques have been used to tackle plethora of problems in areas such as, system design, aerodynamics, combustion, and even to analyze change in weather patterns.

With the continuous evolution in engineering teaching pedagogy, it is felt that the instructors' are abreast with start of the art tools. The proposed training program thus focuses on training the existing teachers in various engineering colleges to enable and equip them with the latest tools such as CFD/FEM.

A brief outline of the expected training module on CFD/FEM analysis is as follows:
- Understanding flow model — Flow separations, transient effect, physical interactions
- Validation of the flow model — Experimental results validation, parametric studies, structural simulations
- Refining of models — Reducing pressure drops, flow homogenization, improving laminar and turbulent mixing.

The outcomes and objectives of the training program are:

1. The candidate attending this TTP would be in a position to appreciate the need of CFD/FEM in UG courses.

1

Dr. Meenakshi Mazumdar
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44th FDP

FACULTY DEVELOPMENT PROGRAMME IN MANAGEMENT
A Programme for Management Teachers

PEDAGOGY AND RESEARCH METHODS:	April 08 – May 22, 2024
GENERAL MANAGEMENT:	April 08 – June 01, 2024

The **Faculty Development Programme (FDP)** of the Indian Institute of Management Ahmedabad, India (IIMA) aims at the professional development of faculty members of institutions of management education. It is a residential programme that provides rigorous training in general management principles, pedagogical techniques (including case method), cutting-edge research methods and advanced topics in specialized areas. The first FDP was offered in 1979 and over the years, the FDP has developed a strong reputation for excellence in the professional development of management educators. IIMA is now pleased to announce its 44th Faculty Development Programme to be offered in two distinct and parallel modules, namely 1) Faculty Development Programme in Pedagogy and Research Methods from April 08 to May 22, 2024 and 2) Faculty Development Programme in General Management from April 08 to June 01, 2024.

FOR WHOM

The FDP is designed for management teachers and researchers working in management schools, universities, colleges and professional institutes. Individuals teaching in staff training colleges, training centers of industrial organizations, and staff training institutes of central and state governments which teach management and allied subjects are also welcome to apply. It is especially suited for management educators seeking to strengthen their understanding of core general management as well as gain exposure to advanced topics, learn and experiment with effective pedagogical techniques, and gain familiarity with essential aspects of carrying out research studies.

COURSE WORK

The programme structure for the modules on FDP in Pedagogy and Research Methods and FDP in General Management are as follows:

1. **FDP in Pedagogy and Research Methods:** This module consists of the following courses.
   - Case Method in Management Education
   - Communication for Management Teachers
   - Crafting and Publication of Research
   - Psychometrics and Structural Equation Modeling
   - Qualitative Research Methods
   - Statistical Data Analysis

2. **FDP in General Management:** This module consists of introductory courses in general management followed by a special topics submodule.

   List of Introductory Courses:
   - Economic Environment and Policy
   - Fundamentals of Management Accounting
   - Human Resource Management
   - Marketing Management
   - Operations Management
   - Spreadsheets for Decision-Making
   - Strategy Formulation and Implementation
   - Understanding of Behaviour

Participants will be required to complete at least 6 out of the 8 introductory courses. In addition, candidates will choose any one of the three sub-modules that cover advanced special topics in different areas of management introducing contemporary practices and research areas. The three sub-modules are:

(a) Special Topics in Marketing

(b) Special Topics in Organizational Behaviour and Human Resources

(c) Special Topics in General Management (including mix of courses from different areas relating to general management, such as strategy, analytics, public development, economics etc.)

Note: Offering of a particular introductory course and special topics sub-module is subject to a minimum number of registrations as per IIMA norms. Applicants need to indicate their preferences while completing the application.

CERTIFICATION

Candidates can apply for admission to only one of two possible certification options A or B

A. **Certificate of Participation in the Faculty Development Programme in Pedagogy and Research Methods**

   This certificate is awarded to those who complete the FDP in Pedagogy and Research Methods.

OR

B. **Certificate of Participation in the Faculty Development Programme in General Management**

   This certificate is awarded to those who complete the FDP in General Management.

Award of the certificate is subject to the participant meeting the necessary attendance requirements and satisfactory performance in the course work. The participant will become a member of alumni association of IIMA on completion of any of the certification options. A Grade-Sheet containing the list of courses and the grade obtained in each will be made available to the participant.

Dr. Meenakshi Mazumdar
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DIRECTOR
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