

## ADVISORY COMMITTEE

### Chief Patron

**Dr. Davish Jain**, Vice Chairman  
Prestige Education Society, Indore

### Patron

**Shri Ketan Jain**, Member Governing Body  
Prestige Education Society, Indore

### Coordinators

- Prof. Manojkumar Deshpande, Principal, PIEMR, Indore
- Prof. Atul Gupta, Professor, IIITDM Jabalpur

### Organizing Committee

- Dr. Raj Kamal, Professor, CSE, PIEMR, Indore
- Dr. Nidhi Arora, Head, CSE, PIEMR, Indore
- Dr. Piyush Choudhary, Associate Prof, CSE, PIEMR, Indore

## TECHNICAL RESOURCE PERSONS

- Dr. M. Sasikumar, Associate Director, CDAC, Mumbai
- Prof. Ashok Deshpande, Adjunct Professor, College of Engineering, University of Pune
- Prof. Aparajita Ojha, Professor, IIITDM Jabalpur
- Prof. Atul Gupta, Professor, IIITDM, Jabalpur
- Prof. (Mrs.) Maya Ingle, Professor & Sr. System Analyst, Devi Ahilya Vishwavidhyalaya, Indore

## TARGET AUDIENCE

Participants will be the faculty of affiliated institutions and University offering Computer and Information Technology Courses from Madhya Pradesh, Maharashtra, Chhattisgarh and nearby states

## REGISTRATION

- Registration fee for Participants from Academia- Rs.1500/- (course material + lunch and refreshments inclusive)
- Fee for Participants from Industry Rs.5000/- (course material + lunch & refreshments inclusive)
- Please note number of seats are limited and registration will be done on first come first serve basis.

### Bank Details of Host Institute for Payment

- Prestige Institute of Engineering, Management & Research, Account No. 0212002100245331, PNB Bank, Branch Sitala Mata Bazar, IFSC Code: PUNB0021200 by NEFT
- DD Information: Prestige Institute of Engineering, Management & Research Payable at Indore

## ACCOMMODATION TO PARTICIPANTS

Will be arranged at applicable cost for participants. PIEMR will help them to get suitable accommodation at reasonable rates/group discounts.

### Important Dates

Last Date of Registration : 3rd July, 2018

Intimation of Selection: 5th July, 2018

### Contact Persons:

**Prof. Rupali Pathak, Contact: 94256-07095**

**Prof. Atish Mishra, Contact: 91652-12395**

Email: amishra@piemr.edu.in



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### APPROVED BY:

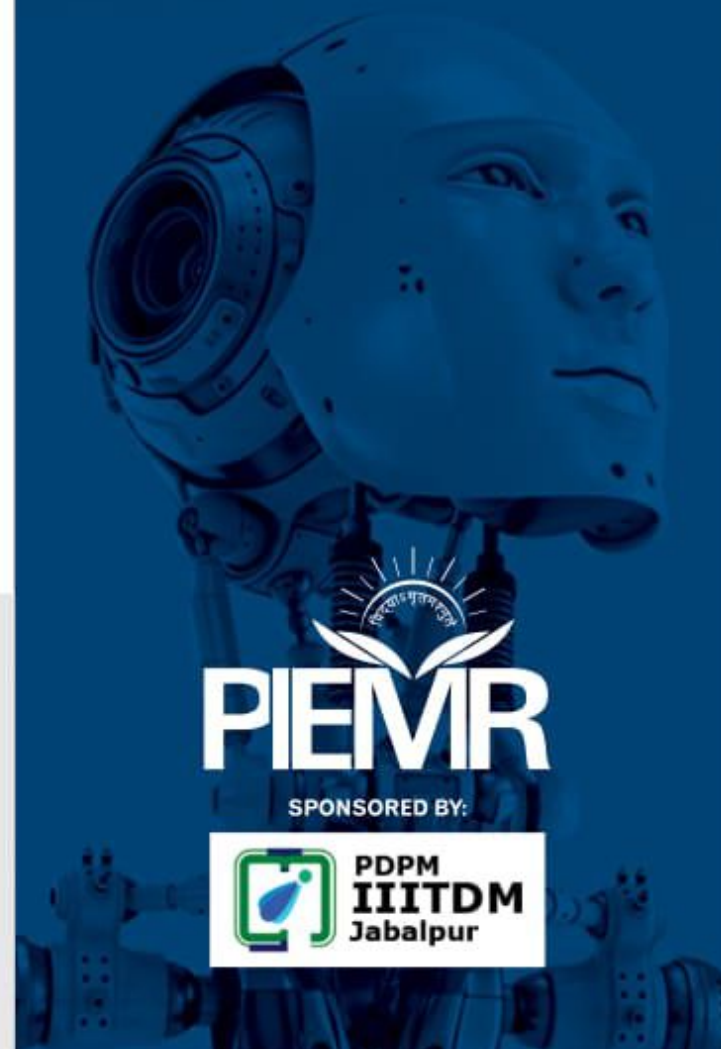
Electronics & ICT Academies, Indian Institute of Information Technology Design Management, Jabalpur under the Faculty Skills Development Initiative of Ministry of Information Technology, Government of India

### ORGANIZED BY:

Department of Computer Science & Engineering,  
Prestige Institute of Engineering Management and Research,  
Prestige Vihar, Scheme No 74 C, Sector D, Opp. Life Care, Vijay  
Nagar, Indore (M.P.)- 452010

# ONE WEEK FACULTY DEVELOPMENT PROGRAM ON ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND DEEP LEARNING SYSTEMS

**JULY 9-14, 2018**



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## CAMPUS WALKTHROUGH

Prestige Institute of Engineering Management and Research (PIEMR) is a premier institute established in year 2008 by the Prestige Education Society. It is subsequent chapter of academic excellence after the establishment and success of Prestige Institute of Management and Research, started in year 1994.

The PIEMR is conceived with a vision to produce competent and qualifying engineers with sound theoretical knowledge, practical skills, leadership qualities and aptitude for entrepreneurship.

The institute has set a mission of creating ethical, moral and responsible professionals those can be proudly and capably play their role of Global Citizen. PIEMR is an institution that makes learning a focused, fruitful, and enjoyable experience for all its students.

## ABOUT DEPARTMENT

CSE department was established with the college in the year 2008. Department has number of Ph.D. faculties and is known for their significant National and International contributions. Some of the practices of the department like teaching with lesson plans ,conduction of regular tests, mentoring activities, focusing on weak students have helped the students to achieve greater heights in their academics and placement activities to add value to their education.

- Prestige Centre for Career Development programs for Java, Oracle, Node.js, Python, IoT etc user the partnership with Oracle.
- In-house free training on Aptitude/ English Usage/GD-PI, Programming and Technical Subjects from first year
- Preparation for NPTEL and Co-Cube Tests
- PMKVY courses center for job readiness

## DEPARTMENT VISION

To play significant role for achieving academic excellence and develop sincere, motivated Computer Science & Engineering graduate with knowledge, aptitude and skills to be suitable for real world problem solving.

## DEPARTMENT MISSION

To facilitate budding engineers to learn with passion.

- Provide maximum exposure to recent trends & technologies.
- Provide specialized learning opportunities with real world problems.
- Emphasis on ethical practices and team work.

## ABOUT FDP

This six-day workshop aims at developing Faculty in Computer Science and Engineering, Information Technology and Electronics and Communication Engineering and other branches using 40% hands-on approach. Topics of the FDP are new technologies, Artificial Intelligence, Machine Learning and Deep learning technologies. These subjects are being introduced in UG, PG curriculums of University and Colleges.

## COURSE CONTENTS

- Artificial Intelligence and Innovative Applications
- Expert Systems Design
- Natural Language Processing
- Neural Net and Deep Learning
- Machine Learning
- Clustering, Classification, Algorithms
- Fuzzy Logic Applications

## HANDS ON

- Installation of Spark
- Python Library for Machine learning & numerical solutions
- Expert System Design
- Regression analysis and predictive analysis
- Clustering Algorithms, Classification Algorithms for large data sets
- Association Rule Mining of Item sets on large data sets
- Recommender system for Financial Analysis

One Week Faculty Development Program on Artificial Intelligence, Machine Learning and Deep Learning Systems (9-14 July, 2018)



SPONSORED BY:



Name : \_\_\_\_\_

Designation : \_\_\_\_\_

Organization : \_\_\_\_\_

Address : \_\_\_\_\_

Contact No. : \_\_\_\_\_

Email ID : \_\_\_\_\_

Accommodation Required(Y/N) : \_\_\_\_\_

Mode of Payment NEFT/DD \_\_\_\_\_

DD/NEFT Amount : \_\_\_\_\_

DD/NEFT Number : \_\_\_\_\_

Drawn in favour of : \_\_\_\_\_

Date of DD/NEFT : \_\_\_\_\_

Signature of the participant :  
Approval of Head of Institute, Head of  
Department (with seal):

Date: