

Accredited with 'A' grade by NAAC



Rajiv Gandhi Proudyogiki Vishwavidyalaya (RGPV), accredited with 'A' grade by NAAC, established in the year 1998 is truly a picture of modernization offering learner-centric programmes in Engineering, Pharmacy, Architecture & Management. University is sprawled over a vast campus of 241.4 acres, marching towards development into a center of excellence in the arena of Technical Education, Research and Innovations.

Under its umbrella there are 05 UTD's, 188 affiliated Engineering Colleges, 69 Pharmacy Colleges, 25 MCA Colleges and 05 Architecture colleges imparting Graduate level instructions running 23 under graduate level courses & 84 post graduate level courses. Situated amidst an aesthetic and hilly surrounding, the University is also offering Ph.D. in eight faculties.

RGPV has been selected by Ministry of Human Resource Development (MHRD) as one of the Affiliating Technical Universities (ATUs) among ten across the country for receiving TEQIP-III grant. The main objective of Faculty Development Programme (FDP) is to improve quality and equity in engineering teachers in order to up-grade the knowledge, enhancing research and teaching skills.

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Hon'ble Vice Chancellor, RGPV
- **Hon'ble Shri Vinod Kumar Agrawal**,  
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TEQIP-III RGPV Bhopal
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#### **Coordinator:**

- **Prof. Shailendra K. Mishra**, Head, CSE Dept.
- **Prof. Jasvant Mandloi**, Head, IT Dept.

#### **Organizing Committee:**

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- **Prof. Dharmendra Pathak**
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- **Prof. Harshita Mandloi**

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**One Week**

**Faculty Development Programme  
on**

# **Machine Intelligence and Applications**

**(24<sup>th</sup> to 28<sup>th</sup> Oct. 2018)**



**Organised by :**

**Rajiv Gandhi Proudyogiki Vishwavidyalaya**

**Under  
TEQIP - III**

**at**



**Department of CSE / IT**

**Chameli Devi Group of Institutions**

Khandwa Road, Village Umrikheda, INDORE-452020 (M.P.)  
Email : [teqip3mia18@cdgi.edu.in](mailto:teqip3mia18@cdgi.edu.in) • Ph. : 0731-424 3600 / 02 / 27  
Website : [www.cdgi.edu.in](http://www.cdgi.edu.in)

## Course Objective

### About FDP:

Machine Intelligence and Applications aims to bring together leading academicians, researchers and faculties to exchange and share their experiences in research methodologies in all aspects. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Machine Intelligence and Applications.

### Resource Persons:

Experts from IITs, NITs and renowned industries will deliver talks along with hands-on practice during the programme.

### Major topics to be covered:

- Introduction to Machine Learning and its Algorithms.
- Applications of Machine Learning in various areas.
- Recent developments and future development scope in the research area.
- Fundamental of Deep Learning and difference between Machine learning and Deep learning.
- Current development and hands on practices i.e. NLP, Biometric, Bioinformatics.

### Outcome of the Programme:

After successful completion of the programme, participants shall be able to:

1. Identify various Artificial Intelligence and Machine Learning Tools used for teaching and research.
2. Build the concept of AI using Machine Learning among the participants.
3. Make use of the best practices for information dissemination using Machine Intelligence.
4. Sharing the knowledge and learnings of the programme with students at their respective institutions.

### Important Dates:

- Programme Duration  
24th to 28th October 2018
- Last Date for Registration  
16th October 2018
- Intimation to selected Participants  
19th October 2018

## About CDGI

Baptized in an endearing spirit, **Chameli Devi Group of Institutions** took its first step in July 2006 with a vision to design future scientifically. Within a short span of 12 years the Institute has attained a strong footing amongst all the technical colleges of Madhya Pradesh. It is affiliated to RGPV, Bhopal and approved by AICTE, New Delhi. CDGI offers UG courses in five streams and Master's degree programme in Business Administration.

## About CSE/IT Department

The department has a team of highly qualified faculty and technical staff which consistently explores new dimensions in the field of technology. All faculty members have completed ME/M.Tech degree and are pursuing research in their respective areas. The Computer Science & Engineering as well as Information Technology Department aims to provide a strong foundation for quality education and research development. The academic affiliations with various industries and reputed institutions such as Zensar Technologies, Microsoft Training Center, Aakash Development Center IIT-B and SacRobotix helps our students to prepare themselves as per industry demand.



## Registration and Hospitality

- Faculty members/ Ph.D. Scholars of reputed Universities can register for this FDP.
- As per norms only 40 seats are sanctioned and will be allotted on first come first serve basis. Please register yourself as soon as possible.
- Those who wish to attend the FDP are requested to complete the registration on or before 16th October 2018 either online or off line.
- Tea/Snacks and lunch will be provided free of cost during FDP.
- Accommodation and dinner will be made available for outside participants on payment basis in CDGI campus if requested in advance.

## How to Apply:

- **Online Mode** : Please fill the google form using the link below <https://goo.gl/forms/nA2k7doKzfxv5MBy1>
- **Offline Mode** : Download the form from [www.cdgi.edu.in](http://www.cdgi.edu.in), fill it and send the form with signature of head of institution, scan it and mail to [teqip3mia18@cdgi.edu.in](mailto:teqip3mia18@cdgi.edu.in). Also submit a hard copy of filled registration form at the time of registration.

## Registration Form

**Rajiv Gandhi Proudyogiki Vishwavidyalaya  
Bhopal**

**One Week**

**FACULTY DEVELOPMENT PROGRAMME**

**on**

## Machine Intelligence and Applications

**( 24<sup>th</sup> to 28<sup>th</sup> Oct. 2018)**

**Under**

**TEQIP-III**

- Venue: Chameli Devi Group of Institutions, Indore
- Name: \_\_\_\_\_
- Designation: \_\_\_\_\_
- Organization: \_\_\_\_\_
- Phone No. \_\_\_\_\_
- Email id \_\_\_\_\_
- Accommodation required (Y/N): \_\_\_\_\_

\_\_\_\_\_  
**Signature of  
Applicant with Date**

\_\_\_\_\_  
**Signature  
(Sponsoring Authority)**