

### **Patron**

**Prof. Vinay Kumar Pathak**

Hon'ble Vice Chancellor

Dr. A.P.J. Abdul Kalam Technical University,

### **Chairman**

**Prof. S. P. Shukla**

Director

Rajkiya Engineering College, Banda, U.P.

### **Convenor**

**Dr. Vibhash Yadav**

Head of Department

Department of Information Technology,  
Rajkiya Engineering College, Banda, U.P.

### **Advisors**

Prof. Manoj Mishra, IIT, Roorkee

Prof. Raghuraj Singh, HBTU, Kanpur

Prof. Bipin Kumar Tripathi, REC, Bijnor

Prof. Vineet Kansal, IET, Lucknow

### **Organizing Secretary**

Mr. Ankush Kumar Rajput, REC, Banda

Mr. Mratyunjay Singh, REC, Banda

### **Organizing Committee**

Dr. Shailendra Badal, REC, Banda

Dr. Ashutosh Tiwari, REC, Banda

Dr. Pushendra Singh, REC, Banda

Dr. Anurag Chauhan, REC, Banda

Dr. Surendra Kumar, REC, Banda

Dr. Amit Tripathi, REC, Banda

Mr. Saurabh Tripathi, REC, Banda

### **About Institute**

Rajkiya Engineering College, Banda was established by the Government of Uttar Pradesh in the year 2010 with three branches Information Technology, Electrical Engineering and Mechanical Engineering with annual intake of Sixty (60) in each branch. The college is affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow, UP. The Institute is located at the Chitrakoot - Banda road about 4 Km away from Atarra Railway Station.

### **About Department**

The department of Information Technology was established in the year 2010 with the introduction of B. Tech programme. This programme aims to prepare students to either pursue a professional career immediately after graduation or to continue with post graduate studies. Many student projects at final year are carried out in association with the industries. The department has five well equipped computer laboratories with high speed computers. The department has got well experienced teaching faculty with good learning and research environment.



## **TEQIP - III**

**Sponsored**

**One Week**

**“Faculty Development Programme”**

**On**

**Applications of Artificial Intelligence**



**30<sup>th</sup> Oct. – 03<sup>rd</sup> Nov. 2018**

**Coordinator**

**Dr. Siddhartha Kumar Arjaria**

**: Organized by :**

**Department of Information Technology**

**Rajkiya Engineering College**

**Banda-210201,(UP)**

**Website : <http://recbanda.ac.in>**

## About FDP

Smart systems are the need of modern society. We wish to develop systems that are intelligent enough to automatically take decisions in complex real-life situations. Thanks to the advancement in processing power, availability of enough training data, and development of statistical tools that have now enabled us to build such systems. AI is so pervasive today that you probably use it dozens of times a day without knowing it. Many researchers also think it is the best way to make progress towards human-level AI. The course has been designed to cover both theoretical as well as the practical concepts in the respective emerging fields of Information Technology/Computer Science along with the tools and simulators useful for the participants for their Training, Projects, and Research Work.

## Course Contents

The Course provides in-depth coverage of the following important emerging areas along with hands-on-training on the respective state of the art Open Source Simulators and other Tools:

- Soft Computing
- Machine Learning and its applications
- Neural Network and Fuzzy Logic
- Bio Inspire Optimization Techniques
- Hands on Matlab

The resource persons for the course will be faculty members with strong research background from the renowned Institutions and eminent speakers from the Industry.

## Eligibility Criteria

The program targets the Faculty Members, Research Scholars, Industry Professionals, PG students and senior UG students.

## Registration Process

Participants can register for FDP by filling up the registration form. There is no registration fee. Send the scanned copy of duly signed registration form at [hodit@recbanda.ac.in](mailto:hodit@recbanda.ac.in)

For more information please visit the website:  
<http://recbanda.ac.in>

## Important Dates

**: Date of Event :**  
**30<sup>th</sup> Oct. – 03<sup>rd</sup> Nov 2018**

**: Registration Close :**  
**21<sup>st</sup> Oct. 2018**

## Contacts & Communication

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E-mail: [arjarias@gmail.com](mailto:arjarias@gmail.com)

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## Registration Form

1 : Name \_\_\_\_\_  
(In Block Letters)

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

3 : Department \_\_\_\_\_

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

5 : Date of Birth \_\_\_\_\_ Sex \_\_\_\_\_

6 : Mailing Address \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

7 : E-mail \_\_\_\_\_

8 : Phone \_\_\_\_\_

9 : Accommodation Required \_\_\_\_\_  
(Yes/No)

Date :

Place :

Signature of Applicant

Head of the Institution/Department  
(Signature & Seal)