

## About REC Banda

Rajkiya Engineering College, Banda was established by the Government of Uttar Pradesh in the year 2010 with three branches, Electrical Engineering, Mechanical Engineering and Information Technology with an annual intake of Sixty (60) in each branch. The college is also a constituent institute of Dr. A. P. J. Abdul Kalam Technical University, Lucknow (Formerly Uttar Pradesh Technical University, Lucknow). The college has moved to its own fully residential campus located at Atarra, Banda in July 2015 and all academic activities from the session 2015-16 are being carried out at its campus.

## About EE Department

The Department of Electrical Engineering at Rajkiya Engineering College Banda offers a vibrant environment for undergraduate education in Electrical Engineering. The department has well established laboratories for Power System, Electrical Machines, Power Electronics & Drives, Digital Electronics, Control, Instrumentation, Communication System and Microprocessor.

The Department has well qualified faculty, most of them have their Masters and Ph.D. degree from IITs, NITs, Central & State Technical Universities.

### Contact Person

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## CHIEF PATRON

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Hon'ble Vice Chancellor,

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Lucknow (U.P.)

## PATRON

### Prof. Sheo Prasad Shukla

Director,

Rajkiya Engineering College, Banda

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### Dr. Pushendra Singh

Assistant Professor & Head, EED,

Rajkiya Engineering College, Banda

## COORDINATOR (S)

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Shri Ashish Srivastava

Shri Guru Sharan Singh

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# Celebrating Kumbh-2019



## TEQIP - III

Sponsored

One-week Workshop

On

“ Applications of MATLAB  
in Engineering ”

Duration: Feb. 12- Feb. 16, 2019

Organized by



Department of Electrical  
Engineering

Rajkiya Engineering College, Banda

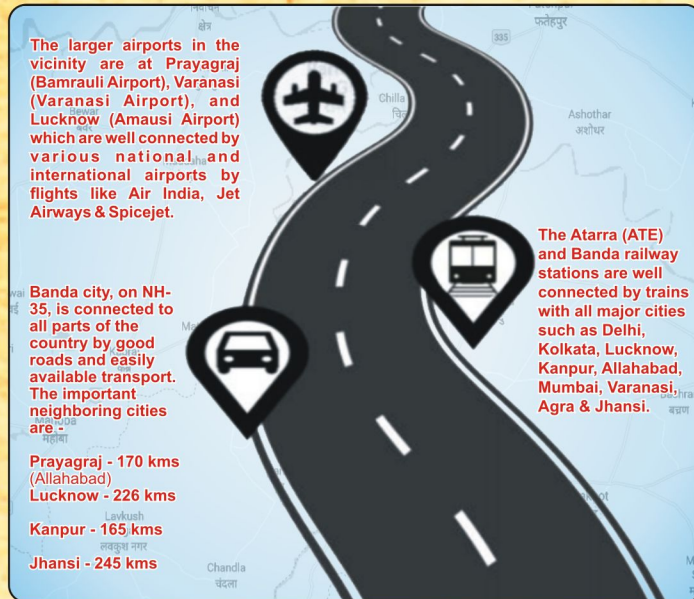
Atarra, Banda, (U.P.) - 210201

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

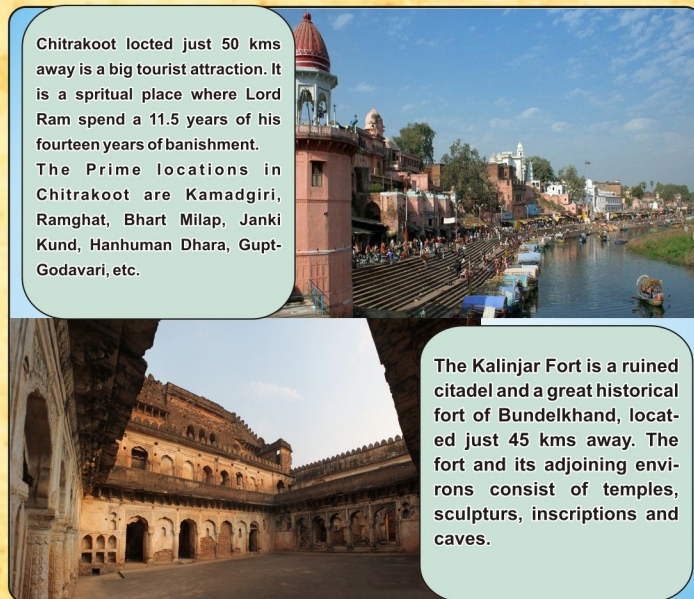




## How to Reach REC, Banda



## Attractions Near REC, Banda



### Prayagraj (Formerly Allahabad):

A Holy Place where **Kumbh** will be held this year from Jan 15 to Mar 04, 2019. It will also be an excellent opportunity to come over Prayagraj and visit Kumbh Mela, distance about 170 Kms. away from REC Banda.

## Course Outline

MATLAB® is a high-level technical computing language and interactive environment for algorithm development, data visualization, data analysis, and numerical computation. It integrates computation, visualization and programming in an easy-to-use environment where problems and solutions are expressed in familiar mathematical notation. MATLAB features a family of application-specific solutions called toolboxes. It can be used in a wide range of applications, including power, energy signal and image processing, communications, control design, test and measurement, many more.

### Course Contents

Some of the important tentative lectures will be on the topics :

- MATLAB Fundamentals
- Analyzing vectors and matrices
- Visualizing vector and matrix data
- MATLAB for Data Analysis
- Control System Design Using MATLAB and Simulink
- Modeling Electrical systems using Simscape Electrical
- Overview of Machine learning and Deep learning using MATLAB

### Eligible Participants

Faculty members/ Research scholars/ PG & UG students from academic institutes approved by the AICTE/ UGC/ MHRD and Scientists/ Engineers working in Private/ Public/ Govt. Organizations/ Industries etc. can attend the course.

### How to Apply

Please send a scanned copy of the Registration form in the prescribed format on or before 02-02-2019. Participants can also register online using the link: <https://goo.gl/forms/XudLsAm0lvkdp2yb2>

There is **No Registration fee** for the participants. Limited Seats Available, registration on First Come, First Serve basis.

## Registration Form for

### One-week Workshop on

## “Applications of MATLAB in Engineering”

**Duration: Feb. 12 - Feb. 16, 2019**

**Organized by  
Department of Electrical Engineering  
Rajkiya Engineering College, Banda  
Atarra, Banda, (U. P.) – 210201**

**Sponsored By**

**TEQIP - III**

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

(in Block Letters as desired on certificate)

Sex(M/F): \_\_\_\_\_ Date of Birth: \_\_\_\_\_

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

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

Affiliation: \_\_\_\_\_

Highest Qualification: \_\_\_\_\_

Experience (if any): Teaching: \_\_\_\_\_

Industry: \_\_\_\_\_

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

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

Mobile number: \_\_\_\_\_

Accommodation<sup>#</sup> Required (Yes/No): \_\_\_\_\_

Date :

Place:

Signature of Applicant

<sup>#</sup>In-campus Hostel Accommodation may be provided free of cost, but it will depend on the availability. Participants will have to pay for accommodation provided outside the campus.