



ABOUT THE INSTITUTE

BIT Sindri was started as the college of Mechanical and Electrical Engineering in 1949. The institute is located at a distance of 28 km from Dhanbad railway station and has a sprawling campus of about 450 acres of land near the Damodar river. The institute controlled by the Department of Higher Technical Education, Government of Jharkhand University of Technology, Ranchi. All the courses are approved by AICTE and most of the courses are accredited by the NBA.

The college offers B.Tech courses in ten disciplines of engineering, ten M.Tech specialisation and Doctorate. The college possesses modern amenities, which include multimedia auditoriums, seminar rooms, class rooms, rich E-Library, well- equipped modern laboratories, campus wide network and a state of the art Siemens Lab which is regarded as a Center of Excellence to meet

ABOUT THE DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING, BIT SINDRI

The Electronics and Communication Engineering Department commenced its journey in 1957. The department offers a four-year course for the undergraduates ingraining challenges and innovation across many fields. To enhance the enthusiasm the innovative minds, the Electronics and Communication Society has been established to host numerous webinars, workshops and technical activities.

VISION OF THE DEPARTMENT

To be recognized as a center of academic excellence for globally competent, professionally, and socially responsible electronics & Communication engineers and entrepreneurs.

MISSION OF THE DEPARTMENT

- ❖ To prepare students for a successful career by blending theoretical knowledge and practical skills with employability and entrepreneurial traits by offering UG, PG, and Doctoral programs in the Electronics & Communication Engineering domains.
- ❖ To establish a state-of-the-art laboratory and research facilities for academic excellence and promotion of quality teaching as well as a learning process.
- ❖ To inculcate team spirit and leadership qualities and produce socially acceptable engineers with ethical and human values.
- ❖ To contribute to the country and society at large by enhancing the interaction between academia and industries for addressing the need of mankind.

ECE SOCIETY, BIT SINDRI
PRESENTS

MATLAB

FIVE DAYS WORKSHOP ON MATLAB, SCILAB & OCTAVE

(Virtual Mode)
7th to 11th August 2023

Organised By:
ECE Society, BIT Sindri



Topics to be Covered:



- ❖ Signal generation, sampling and quantization.
- ❖ Signal operations.
- ❖ Convolution and Correlation.
- ❖ Spectrum and power spectral density of sinusoidal signals.
- ❖ Filter and It's types.
- ❖ Modulation of signals: AM and FM.

Eligibility Criteria:

- ❖ All the Students of B.Tech.

ORGANISING BODIES



Prof. (Dr.) Ghanshyam
Director, BIT Sindri
(CHIEF PATRON)



Dr. M. G. Tiary
HOD, ECE Department
(PATRON)



Dr. Imteyaz Ahmad
Associate Professor
(CONVENOR)



Dr. Prashant Kr .Singh
Assistant Professor
(COORDINATOR)



Mr. Gunjan Gandhi
Assistant Professor
(COORDINATOR)



Mr. Nishant Kumar
Assistant Professor
(COORDINATOR)

For more details contact: 99312 98765 (Dr. Imteyaz Ahmad)

ELECTRONICS & COMMUNICATION ENGINEERING SOCIETY

WORKSHOP ON MATLAB, SCILAB & OCTAVE


Chief Patron : Dr. Ghanshyam Patron: Dr. M. G. Tiary

Convenor: Dr. Imteyaz Ahmad

Coordinators: Dr. P. K. Singh | Mr. G. Gandhi | Mr. N. Kumar

WORKSHOP SCHEDULE

DAY and Date	Topic	Theory/practical	Timing	Faculty Name
Day 1 7.08.23	Sampling & Quantization	Theory	6-6:45 PM	Prof. Gunjan Gandhi
Day 1 7.08.23	Sampling & Quantization	Practical	6.50-8pm	Dr. Imteyaz Ahmad
Day 2 08.08. 23	Amplitude ,frequency and phase modulation	Theory	6-6:45 PM	Dr. Arvind kumar
Day 2	Amplitude ,frequency and phase modulation	Practical	6.50-8pm	Dr. Arvind kumar
Day 3 09.08.23	Filter LPF,HPF,BPF and BSF	Theory	6-6:45 PM	Dr. Prashant kumar Singh
Day 3 09.08.23	Filter LPF,HPF,BPF and BSF	Practical	6.50-8pm	Dr. Imteyaz Ahmad
Day 4 10.08.23	Convolution and Corellation	Theory	6-6:45 PM	Prof. Nishant kumar
Day 4 10.08.23	Convolution and Corellation	Practical	6.50-8pm	Dr. Imteyaz Ahmad
Day 5 11.08.23	FIR and IIR filter	Theory	6-6:45 PM	Dr. Imteyaz Ahmad
Day 5 11.08.23	FIR and IIR filter	Practical	6-6:45 PM	Dr. Imteyaz Ahmad


05/08/23

Convenor
Dr. Imteyaz Ahmad