

## RESOURCE PERSONS

- **Prof. (Dr.) Samarjit Sengupta**, Retd. Professor & Head of Electrical Engineering Department, Department of Applied Physics, CU
- **Mr. Ranjit Das**, Power Research & Development Consultants Pvt. Ltd
- **Prof. (Dr.) Jitendra Nath Bera**, Professor, Electrical Engineering Department, Department of Applied Physics, CU
- **Mr. Abhijit Mandal**, General Manager (Engg. and Comm.), Primetals Technologies India Pvt. Ltd.
- **Dr. Surajit Chattopadhyay**, Associate Professor, Electrical Engineering Department, GKCIET, Malda
- **Dr. Debangshu Dey**, Associate Professor, Electrical Engineering Department, JU, Kolkata
- **Dr. Aweek Chattopadhyaya**, Assistant Professor, Electrical Engineering Department, GNIT, Kolkata
- **Dr. Debopoma Kar Ray**, Assistant Professor, Electrical Engineering Department, MCKVIE, Howrah
- **Dr. Rita Karmakar**, Amity Institute of Psychology and Allied Science, Amity University, Kolkata
- **Dr. Habiba Hussain**, Associate Professor, Education and Management, NITTTR, Kolkata

## ORGANIZING COMMITTEE

### Chief Patron

**Mr. Kishan Kumar Kejriwal**, Chairman, MCKV Group

### Patrons

**Mr. Abhay Kejriwal**, Trustee Member, MCKV Group  
**Prof. (Dr.) Parthasarathi Chakraborty**, CEO, MCKV Group  
**Prof. (Dr.) Abhijit Lahiri**, Principal, MCKVIE

### Advisory Committee

**Prof. (Dr.) Samarjit Sengupta**, Retd. Professor & Head of EE Department, Department of Applied Physics, CU  
**Prof. (Dr.) Jitendra Nath Bera**, Professor, EE Department., Dept of Applied Physics, CU  
**Prof. (Dr.) Arghya Sarkar**, Dean Academics and Administration, MCKVIE  
**Prof. (Dr.) Arun Kumar Jalan**, Dean, Student Affairs. MCKVIE  
**Prof. (Dr.) Prasenjit Chatterjee**, Dean Research & Consultancy, MCKVIE

### Coordinator

**Dr. Tamal Roy**, Assistant Professor & Head of EE Department, MCKVIE

### Co-Coordinator

**Mr. Sudeep Samanta**, Asst. Prof., EE Department, MCKVIE

### Convener

**Dr. Debopoma Kar Ray**, Asst. Prof. EE Department, MCKVIE

### Organizing Committee Members

**Mrs. Chandrani Sadhukhan**, Asst. Prof., EE Department, MCKVIE  
**Mrs. Suchismita Ghosh Mukherjee**, Asst. Prof., EE Department, MCKVIE  
**Mrs. Tanushree Kumar**, Asst. Prof., EE Department, MCKVIE  
**Mr. Suman Das**, Asst. Prof., EE Department, MCKVIE  
**Mr. Debanka De**, Asst. Prof., EE Department, MCKVIE  
**Mr. Santanu Maity**, Asst. Prof., EE Department, MCKVIE  
**All Laboratory Instructors**, EE Department, MCKVIE

**MCKV Institute of Engineering**  
(NAAC Accredited "A" Grade Autonomous Institute under UGC Act, 1956)  
Approved by AICTE and Affiliated to MAKAUT)  
Website: [www.mckvie.edu.in](http://www.mckvie.edu.in)



**AICTE-ISTE Sponsored Six Days Online Refresher program**  
on

**Application of ETAP for Design & Analysis of Power System Network**

**Dates: 25<sup>th</sup> – 31<sup>st</sup> January, 2022**



**Organized by:**  
**Department of Electrical Engineering**  
**(An NBA Accredited Department)**  
**MCKV Institute of Engineering**

## About the Institute

MCKV Institute of Engineering is one of the top engineering colleges in West Bengal established almost two decades ago with a vision to foster the spirit of technological learning and its application by creating the right kind of opportunity and ambiance for educating young minds in the digital era. The Institute has been accredited by NAAC with an 'A' Grade, and it is an Autonomous Institute (under the Act. of UGC, 1956), affiliated to MAKAUT, WB and approved by AICTE. It offers NBA accredited programs in the field of Engineering like Electrical Engineering, Computer Science Engineering, Electronics, and Communication Engineering, and Information Technology and also offers Mechanical Engineering and Automobile Engineering. 2-Year full time M. Tech. Degree in Electronics & Communication Engineering with specialization in Communication and MBA (Business Analytics) are also been offered by the institute. The Institute is committed to providing quality education to cater to the diversified needs of the industry as well as the society at large. Its state-of-the-art infrastructure, industry-academia collaborations, experienced senior faculty, and rigorous hands-on training sessions, transform students into industry-ready professionals.

### Department of Electrical Engineering

The Department of Electrical Engineering has been established in the year 2010, with a handful of highly qualified, experienced and motivated faculty members and laboratory instructors. With the help of all modern teaching methods and advanced laboratory facilities the department has been playing a pioneering role in producing competent graduates to cater relevant services to industry and societal aspects. The department is embedded with well-equipped state of the art laboratories in association with high end professional software like ETAP, LabVIEW, EMTP-RV etc. which provide adequate opportunity for the students to learn and innovate in the relevant fields. The departmental students are always encouraged to pursue their co-curricular and extracurricular activities and are motivated to pursue innovative research works using these laboratory facilities.

The department organizes industrial visit, hands on training, seminars, workshops, etc. on regular basis to incorporate industrial exposure and practical knowledge to the students and to make them familiar with recent trends of science and technology. Department has on campus student chapter of IET (UK) Kolkata local network which persuades the students in managing many technical events in the department, thus enhancing their ability in event management, teamwork and winning attitude in them. It is worth mentioning that our student Ms. Poulami Sur secured 2<sup>nd</sup> position in MAKAUT in the year 2016 and Mr. Partha Pratim Panja secured 1<sup>st</sup> position in the MAKAUT examination in the year 2018. The students of this department are well placed in reputed organizations in India and abroad. Some of them are pursuing higher studies in different national and international institutes of repute.

### About the Program

ETAP is the most comprehensive analysis platform for the design, simulation, operation, and automation of generation, distribution, and industrial power systems. A real-time intelligent PC-based energy management software application that runs as an operator workstation to monitor, control, and optimize the operation of your power system while simultaneously serving as an engineering workstation capable of utilizing real-time data to perform full spectrum power system analyses.

### Course Contents

- Motor Modeling
- Transient Analysis ( e.g. Transformer and Motor)
- Power System Grounding
- Harmonics Studies
- Protection O/C co-ordination (Relay Co-ordination)
- Emerging Trends & its Opportunities in Smart Grid Implementation
- Power System communication
- Signal Processing Techniques for Condition Monitoring of Power Equipment using Transient Programming based models
- Power Quality Study & Assessment
- Voltage Drop and Imbalance (Unbalance) Study and Analysis

## Eligibility

This program is open to Faculty Members and Research Scholars of AICTE approved Engineering colleges and Polytechnic colleges. There will be a maximum of 100 participants selected on first come first serve basis. Priority will be given to ISTE Life Members.

### Registration Process and Guidelines

- Eligible participants are requested to fill the online registration form on or before 15/01/2022
- **Link for Registration:**  
<https://forms.gle/ruRDgKjZraZmguLJ6>
- Intimation of acceptance of the registration through email: 18/01/2022
- **There is no Registration Fee.**
- E-Certificates shall be issued by AICTE-ISTE to the participants complying with the criteria for certification.
- As per norms of ISTE, the certificates will be issued to those who maintain a minimum of 80% attendance and score a minimum of 60% marks in the test to be conducted at the end of the online program and also in the random tests to be conducted on daily basis.
- Submission of the feedback form is mandatory after each session.
- The program will be conducted in online mode.
- Meeting link will be sent through WhatsApp group of the program/ registered email id of the participants.

### Address for Correspondence

#### **Dr. Tamal Roy**

Assistant Professor & Head of Electrical Engineering Department,  
MCKVIE  
MCKV Institute of Engineering ( NAAC 'A' Grade)  
243 G.T. Road (N), Liluah, Howrah 711204, Howrah,  
West Bengal, India

**Contact No:** 9433677922

**Email:** [tamalroy77@gmail.com](mailto:tamalroy77@gmail.com)