

Engineering College Ajmer

Sprawling over lush-green campus with hassle-free Wi- fi facility, well-equipped laboratories and other modern infrastructural amenities, Engineering College Ajmer (ECA), an autonomous institution under the Govern- ment of Rajasthan established in 1997 offers Bache- lor of Technology, Master of Technology, Master of Business Administration and Master of Computer Ap- plications. The college affiliated to RTU Kota/BTU Bikaner is an approved research centre of affiliating university and offers various Ph.D. programmes. The institute is about 10 km from the railway station as well as bus stand.

Well qualified and learned faculty-members nurture student learning, fosters research temperament and creative activity so as to enable students to carve a niche for themselves and develop a profound academic and compassionate learning culture. ECA successfully completed the World Bank assisted Technical Education Quality Improvement Programme (TEQIP-II) and has been selected for the third phase of TEQIP (TEQIP-III). For more details, visit <http://www.ecajmer.ac.in>.

Contact

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Dr. Aadarsh Mangal
Jyoti Gajrani

CO-COORDINATOR

Arun Dev Pandey
Gyanendra Prakash

One Week Short Term Training Program

on

Future Perspective of Electrical Power System

09th October to 13th October 2020

Organized by



Department of Electrical Engg.
Engineering College, Ajmer

&

**Veermata Jijabai Technological
Institute, Mumbai**

in Twinning

under

TEQIP-3
Technical Education Quality Improvement Programme

**Technical Education Quality
Improvement Program-III**

at

Engineering College, Ajmer

Course Convener
Dr. K. G. Sharma

About VJTI

Veermata Jijabai Technological Institute is an engineering college located in Mumbai, Maharashtra, India, and one of the oldest engineering colleges in Asia. For more details, visit <http://www.vjti.ac.in>. VJTI, Mumbai has selected as mentor institute to participate in twinning arrangements for knowledge transfer, exchange of experience, optimizing the use of resources and developing long-term strategic partnerships with Engineering College, Ajmer by National Project Implementation Unit NPIU. The goals of TEQIP-III is, better academic standards, through accreditation, training faculty in better teaching methods, qualification up gradation, improved research outputs in institution. This twinning arrangement is one of the way to meet out the goal of TEQIP-III project.

About the STTP

Smart Power systems would appear poised for a revolution. Yet the pathway to transformation is highly sensitive to each local situation and its technical, economic, and political factors. While rapid cost reductions have changed the economic landscape for what is feasible, established asset bases—and their supporting business models and regulatory frameworks generate significant inertia in most power systems. These long-standing financial and institutional arrangements promote incremental change. Where on the spectrum of possibility will power systems of the future land? Will they transform incrementally, or will evolutionary leaps be unleashed? Are there leapfrog opportunities that employ new technologies, policies, and business-

models? A common theme of desired attributes includes lower carbon intensity, cost-effectiveness, accessibility, reliability, resilience, and increasingly embedding smart, real time (or close to) control and services. However, it is unlikely that the same transformation will occur everywhere, because in each context the power system of the future emerges from the interacting forces of policy, regulation, global. In this STTP, a review has been made available by a series of expert lectures of technological methods in future prospective of power system.

The STTP is conducted in Online platform googlemeet.

The STTP is beneficial to Faculty members, students (UG, PG and Research scholars), Industry persons from Electrical Engineering and allied fields.

Resource Persons

Experts from premier institutions (IITs/IISC/NITs/State govt. Colleges) and industry are likely to deliver their expert lectures on following topics but not limited to:

- Power System Infrastructure
- Power system component
- Restructured power system
- Micro Grid & its Operations
- Challenges & Opportunities in Power System
- Sustainability in Power system
- Future of Power System
- Power System Modeling
- Power system Applications
- Smart grid in Power System

Fee

There is no registration fee for this training program. The Certificate will be provided to those participants who will attend at least 80% of the sessions and submit feedback of FDP. The number of participants is limited and the selection is based on a first come first serve basis.

How to Apply

Please apply for the STTP on future prospective of Electrical Power System at the following link

<https://forms.gle/VxgqeuUU7Gax7HDEA>

Applicants who are selected for the STTP will be intimated via email.

Important Dates

Last date to Apply	October 6, 2020
Intimation of Selection	October 7, 2020
Confirmation by Participant	October 7, 2020

Advisory Committee

- Dr. R N Awale, VJTI, Mumbai
- Dr. H S Mewara, ECA

Organizing Committee

- Ms. Shivani Dwivedi
- Mr. Arjun Pareek
- Mr. P S Sehwal
- Mr. D Sanadhya
- Ms. Janki Sharma