

About MBCET

As a proud part of the Mar Ivanios Vidyanagar on the blessed Bethany Hills, deriving the inner strength of truth and goodness from the visionary Patrons, Mar Baselios College of Engineering and Technology (MBCET) inspires the aspirations of generations of knowledge-seekers. Dedicated to mould morally upright, socially committed and intellectually trained Engineers, the College strives to realize its dreams.

APJ Abdul Kalam Technological University has notified the conferment of autonomous status to MBCET by UGC for a period of 10 years (2020-21 to 2029-30). Autonomy provides greater flexibility to the institution in improving the quality of education towards achieving academic excellence.



About the Department

The department of Electrical & Electronics Engineering was established in 2002 fosters a dynamic academic environment that is committed to a tradition of excellence in teaching, research and service. The department offers both under graduate programmes and post-graduate programmes to cater the ever challenging needs of technical excellence in all areas of Electrical and Electronics Engineering such as Power Systems & Power Electronics, Electrical Machines and Drives, Integrated Electronics & Circuits, Computer Technology, Control & Automation etc. The department continues to strive in excellence to produce highly qualified, well groomed and motivated graduates possessing fundamental knowledge in Electrical and Electronics Engineering, who can provide leadership and sincere service to the nation and to the world.

Registration

Registration link:
<https://tinyurl.com/spgtoc21>

Last date of registration:
30 April 2021

No registration fee



MAR BASELIOS
COLLEGE OF ENGINEERING AND TECHNOLOGY
AUTONOMOUS



ISTE sponsored

Faculty Development Programme
on

**Smart Power Grid
Technologies - Trends,
Opportunities and
Challenges (SPGTOC'21)**

3 - 8 May 2021

Organized by
**Department of Electrical and
Electronics Engineering**

Coordinators

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Course Objective

Smart grid (SG) is emerging as a new facet of power industry. It incorporates numerous advanced technologies to deal with issues prevailing in conventional electric networks. Though capable to resolve many of these issues, SG is still facing challenges in deployment. These challenges are associated with adaption of emerging technologies, socio-economic issues, lack of policies and awareness.

The objective of this training programme is to identify challenges and issues in SG implementation and to provide an opportunity to acquire knowledge about current developments in Smart Grid Technologies to promote the drive for energy conservation and energy efficiency among Electrical Engineers.



Course Content

- Current Indian Grid scenario and challenges in implementing Smart Grid.
- Practical tips for installation of Grid-tie PV system in home/work place.
- Self healing grid and integration of renewable sources with grid.
- Demand side management.
- Smart Grid Communication.
- Smart meters
- Energy storage and V2G to improve dynamics of renewable energy rich power system.

Course Features

- The sessions will be handled by academicians and experts from industry.
- E-certificate will be provided to participants who attend all the sessions.
- **Sessions through :**



Resource persons

Experts from

- CDAC
- KSEB
- EMC
- Amrita Vishwa Vidyapeetham
- Vydyuthi Energy Services Ltd.

Who can apply

The course mainly aims at

- Faculty
- Research Scholars
- PG students
- Industry Personnel