Faculty Development Programme

Recent Trends in
Renewable and Sustainable Energy Conversion Systems (RSECS 2019)

REGISTRATION FORM

1. Name:
2. Date of birth: Gender (M/F):
3. Designation:
4. Institution:
5. Mobile:
6. E-mail:
7. Highest Qualification:
8. Specialization:
9. Teaching Experience (in years):
10. Whether accommodation needed(Y/N):
11. Signature:

Endorsement of the Head of the Institution/Department

Certified that Mr. / Ms./ Dr. .... is an employee of this institution and is hereby sponsored for the Faculty Development Programme "**Recent Trends in Renewable and Sustainable Energy Conversion Systems**" at Vidya Academy of Science & Technology, Thrissur during 24th – 28th June 2019. He/she will be permitted to attend the course, if selected.

Place: Name & Signature of the Sponsoring Authority

Date: (seal of the institution)

Advisors

Er G Mohanachandran,
Executive Director, VAST
Dr Saji C B,
Principal, VAST
Dr T N Padmanabhan Nambiar,
Sr Professor (PG), VAST
Dr Sudha Balagopalan,
Dean (Academics), VAST
Dr Remani T,
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For Registration Scan QR Code

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Faculty Development Programme
on

Recent Trends in
Renewable and Sustainable Energy Conversion Systems

RSECS 2019
24th – 28th June, 2019

Sponsored by
APJ Abdul Kalam Technological University

Organized by

Department of Electrical and Electronics Engineering
(NBA Accredited)

Vidya Academy of Science and Technology, Thrissur, Kerala 680501

About Vidya Academy of Science & Technology

Vidya Academy of Science and Technology (VAST) is state of the art engineering college in Kerala conforming to international standards. The college is approved by AICTE and affiliated to APJ Abdul Kalam Technological University. In few years, VAST has evolved and achieved recognition as a notable School of Engineering with its competent and committed faculty, high quality infrastructure and high technology teaching aids, and by providing a serene atmosphere that complements academic life. VAST has a holistic approach to education where academic training goes hand in hand with offerings that develop the body, mind and soul to prepare its graduates to be future leaders.

About Electrical & Electronics Department

The Department of Electrical & Electronics started functioning from the beginning of College itself in the year 2003. The Department offers NBA accredited B.Tech (UG) Program in Electrical & Electronics Engineering and M.Tech (PG) program in Power Electronics. The Department is backed up by highly qualified and dedicated teachers. The programme prepares students for prospective careers in Energetics, Power Generation, Transmission and Distribution and in traditional industries requiring powered machinery, power electronics, automated instrumentation controls, etc.

The Vision of the Department

"Progress through Quality education in Electrical & Electronics Engineering and to emerge as a Centre of Excellence in Education and Research for grooming the engineers as leaders of the society."

The Mission of the Department

- Provide our students strong theoretical knowledge, practical engineering skills and attitudes that will allow them to succeed as engineers and leaders.
- Create and maintain state-of-the art research environment, which provides its students and faculty with opportunities to create, interpret, apply and disseminate knowledge of electrical engineering.
- Prepare socially responsible graduates for life-long learning to meet intellectual, ethical and career challenges.

About RSECS 2019

Reducing the consumption of fossil fuels, adopting more fuel efficient technologies and shifting to renewable sources of energy are required to reduce global warming and mitigate the adverse climatic changes. This Faculty Development Program on "Recent Trends in Renewable and Sustainable Energy Conversion Systems" focuses on current and emerging trends in the respective area.

The primary objective of this course is to enlighten faculty members of KTU affiliated colleges on recent trends in renewable and sustainable energy systems such as solar, wind etc. in various engineering and industrial applications.

The course will provide hands on experience on design, modelling and implementation of various power converters and its control for renewable energy systems.

The course will be also useful for the research aspirants in the field of power electronics, renewable and sustainable energy systems.

Major Topics

- Grid connected PV systems and its design
- Wind power generation
- Power converters for renewable and sustainable energy systems
- Energy storage trends
- Sustainable energy future based on electric vehicles
- Innovations and future research directions on renewable and sustainable energy technologies
- Hands on session on MPPT implementation & modelling of power converters
- Demonstration of grid connected rooftop solar PV system

Resource Persons

- Dr. Sudha Balagopalan, Dean (Academics), VAST
- Dr. Sasi K K, Amrita University, Coimbatore
- Dr. Isha T B, Amrita University, Coimbatore
- Dr. Kumaravel S, NIT Calicut
- Dr. Vivek Mohan, NIT Trichy
- Dr. Nikhil Sasidharan, NIT Calicut
- Dr. Gopakumar P, NIT Calicut
- Dr. Ajay Babu, NSS Palakkad

Eligibility and Fee

Regular teaching staff from Government/ Aided/Self-financing Engineering Colleges/ Institutions in Kerala, recognized by AICTE and affiliated to KTU are eligible to apply for this course.

No registration fee will be charged for the programme. Maximum number of seats are limited to 30.

Accommodation

Accommodation for the participants can be arranged if they request for it, subject to availability, on a payment basis.

Travel Expenses

No TA/DA will be paid for any participant