

Sri Venkateswara College of Engineering (Autonomous)



NATIONAL WORKSHOP on “Artificial Intelligence Application to Renewable Energy Systems”

AUGUST 29th & 30th 2019

CONVENOR

**Dr. K R. Santha, Vice Principal &
HOD/EEE**

COORDINATORS

**Dr. N K Mohanty, Professor/EEE
Dr. C Gopinath, Asso Professor/EEE
Mr. S Kumaravel, AP/EEE**

Organized

By

Department of Electrical & Electronics
Engineering,
Sri Venkateswara College of
Engineering(Autonomous),
Pennalur, Sriperumbudur,
Tamil Nadu, 602 117.
Phone No:044-27152000, Extn-251

ABOUT THE COLLEGE

Sri Venkateswara College of Engineering (Autonomous), a premier self-financing engineering college was started in the year 1985 and is managed by Sri Venkateswara Educational and Health Trust. The college conducts 10 B.E / B.Tech Degree Courses, 10 PG Courses in Engineering. 11 research centers approved by Anna University cater to MS (by Research) and PhD programmes. The courses are approved by AICTE and affiliated to Anna University, Chennai. The college attained autonomous status in 2016.



The college is accredited by National Assessment and Accreditation Council (NAAC). The college is situated in serene environment about 37 Kms from Chennai and situated on the way of Chennai – Bangalore National Highway (NH4) at Pennalur, Sriperumbudur, in Kanchipuram district.

ABOUT THE DEPARTMENT

The Department of EEE was started in the year 1994. The post graduate program (M.E) in

Power Electronics and Drives was started in 2002. There are 30 faculty members in the department. The UG programme, B.E (EEE) has been accredited by the NBA for five years.

ABOUT THE WORKSHOP

The National Workshop on “Artificial Intelligence application to Renewable Energy Systems” will be conducted during 29th and 30th August 2019. The following topics will be covered during the Workshop.

- Artificial Intelligence- Current trends.
- Artificial intelligence control applications to renewable Energy systems.
- Simulation of Fuzzy Logic controller application to Wind turbine generator using MATLAB
- Application of Artificial intelligence control to photovoltaic system
- Simulation of Neural Network controller in photo voltaic system using MATLAB
- Application of genetic algorithm to smart grid using MATLAB.

ELIGIBILITY

The workshop is open for Industry delegates, Faculty members, PG students, UG Students and Research Scholars of Electrical and Electronics Engineering, Power Electronics and

drives, Power Systems and Energy systems discipline.

REGISTRATION FEE

Students and Research scholars: Rs.400
Academician : Rs. 500
Industries : Rs. 600

This fee includes participation workshop kit, lunch and refreshments. Only limited seats are available. The admission to the programme will be based on first come first serve basis. The registration fee must be submitted in the form of a crossed demand draft drawn in favor of **“The Principal, Sri Venkateswara College of Engineering”**, payable at **Sriperumbudur**. The demand draft must be accompanied with the registration form duly signed by the concerned authorities.

RESOURCE PERSONS

Expert Resource persons have been arranged from IIT, Anna University, Industries and R&D Lab.

IMPORTANT DATES

Last Date of registration : **22.08.2019**
Intimation of selection : **23.08.2019**

ACCOMMODATION & TRANSPORT

The participants have to make their own arrangements for travel. The accommodation facility would be arranged on request if

information is given in advance. No TA/DA will be provided.

ADDRESS FOR COMMUNICATION

Workshop Coordinator,
Department of EEE
Sri Venkateswara College of Engineering
(Autonomous),Pennalur, Irungattukotai,
Sriperumbudur,Tamilnadu, Pin-602117.
Cell No: 9444236386, 9940695670
E-mail: workshopeesvce@gmail.com.

PROGRAMME COMMITTEE

WORKSHOP CHAIRMAN

Dr.Ganesh Vaidyanathan, Principal, SVCE

CONVENOR

Dr. KR.Santha, Vice Principal, Prof & Head / EEE

COORDINATORS

Dr. N K Mohanty, Professor/EEE

Dr. C Gopinath, Asso Professor/EEE

Mr. S Kumaravel, AP/EEE

ORGANISING COMMITTEE

Dr. Sudhakar K Bharathan, Professor/EEE

Dr. R Karthikeyan, Associate Professor/EEE

Dr. S G Bharathi Dasan, Asso Professor/EEE

Mr. C. Venkatesan, AP/EEE

Ms. D.Amudhavalli, AP/EEE

Mr. C Kamal, AP/EEE

Sri Venkateswara College of Engineering (Autonomous)

NATIONAL WORKSHOP

on

“Artificial Intelligence Application to Renewable Energy Systems”

Registration Form

Name:

Gender:

Name of the Institution:

Address for correspondence:

E-mail:

Mobile No:

Details of Registration Fee:

Amount:

DD No:

Date:

Name of the Issuing Bank:

DECLARATION

Dr./ Ms/ Mr _____ is student/employee of our institution/organization and is sponsored to attend the national level workshop on “ Artificial Intelligence Applications to Renewable Energy systems” during August 29-30, 2019.

Signature of Applicant

Signature

(Sponsoring Authority with seal)