

### PATRONS

**Prof. P. Srinivasa Rao,**  
B.Tech. (Hons), M.Tech., Dr.Ing. (Munich)  
President, Gayatri Vidya Parishad  
**Sri D. Dakshina Murthy, M.Sc.**  
Vice – President, Gayatri Vidya Parishad  
**Prof. K.P.R. Sastry,**  
Formerly Professor of Mathematics,  
Vice-President, Gayatri Vidya Parishad  
**Prof. P. Soma Raju, M.A., Ph.D.**  
Secretary, Gayatri Vidya Parishad.  
**Dr. A.B. Koteswara Rao, Ph.D.**  
Principal, Gayatri Vidya Parishad College of Engineering  
(A) & Professor, Dept. of Mechanical Engineering

### PROGRAMME ADVISORY COMMITTEE

**Dr. C.V.K. Bhanu**  
Professor, Dept. of EEE., Dean of Academic Programs-PG  
and Research  
**Dr. K. Narasimha Rao**  
Professor & HoD, Dept. of EEE  
**Dr. G. V. E. Satish Kumar**  
Professor, Dept. of EEE  
**Dr. T. S. Sirish**  
Professor, Dept. of EEE

### PROGRAMME COORDINATOR:

**Dr. Puja Dash**  
Associate Professor ,Dept. of EEE

### MEMBERS:

**Dr. O.V.S.R. Varaprasad**  
**Mr. P. Pawan Puthra**  
**Mr. K. Ravi Kumar**  
**Mrs. G. Vanitha**  
**Mr. Ch. Venkat Rao**  
**Mrs. A. Susmitha**  
**Mrs. J. Usha Rani**  
**Mrs. Chandrika.V**  
**Mrs. K. Harija Rani**  
**Ms. K. Hema Lalitha**

### ELIGIBILITY:

The Faculty members of the AICTE approved institutions, Research scholars, PG scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from the Industry. Etc.)/School Teachers and staff of the Host institution can also attend the programme.

❖ As per AICTE recommendations, the seats are limited to 200. The candidate selection is purely on first come first served basis. The selected candidates will be informed through e-mail.

### RESOURCE PERSONS:

Eminent researchers from reputed Academic Institutions, practicing engineers from leading industries and other reputed organizations.

### IMPORTANT DATES:

Last Date for Registration : **06 August 2021**  
Confirmation of acceptance : **07 August 2021**  
Schedule of the event : **09-13 August 2021**

### POINTS TO BE NOTED:

\*Brochure can be downloaded and registration can be done from AICTE ATAL website:

<https://atalacademy.aicte-india.org>

\*\* List of participants selected for the programme will be informed through email on **07 August 2021**.

\*\*\* PPT slides handout, online lecturing, demonstration videos will be provided to all participants through Google drive.



**Online Faculty Development Programme on  
IoT INTERFACED SMART GRID  
TECHNOLOGY  
(IISGT-21)  
(9 – 13 August 2021)**

**Coordinator - Dr. Puja Dash**



**Organized by**  
**Department of**  
**Electrical & Electronics Engineering**  
**Gayatri Vidya Parishad College of Engineering**  
(Autonomous)  
(Re-Accredited by NAAC with 'A' grade with a CGPA of 3.47/4.00)  
**Madhurawada, Visakhapatnam - 530 048**  
**Website : [www.gvpce.ac.in](http://www.gvpce.ac.in)**

## OBJECTIVE OF THE PROGRAMME:

The Objective of this programme is to enhance the acquaintance of the participants regarding issues, challenges, opportunities and solutions in the area of the Smart Grid system and scope of IoT based intelligent system integration.

## TOPICS TO BE COVERED:

- ✓ Introduction to IoT
- ✓ Challenges and Research Scopes in Smart Grid
- ✓ Integration with IoT in a Smart Grid environment.
- ✓ Scope of IoT in Power in Smart Grid Operation Control
- ✓ Learning applications in IoT-integrated modern power systems
- ✓ IoT based Energy Management System for Smart Grid
- ✓ Smart Grid: IoT Security & Role of AI in security
- ✓ Industry 4.0 and IIoT

## EMINENT SPEAKERS:

**Prof. B.D Subudhi**  
IIT Goa

**Dr. Ritesh Dash**  
REVA University

**Prof. Gayadhar Panda**  
NIT Meghalaya

**Dr. Puja Dash**  
GVPCE (A)

**Prof. D. P. Acharya**  
NIT Rourkela

**Mr. Saket Nalegaonkar**  
Rexnord Corporation

**Dr. Shyam Lal**  
NIT Surathkal

**Mr. Ajinkya Lohakare**  
Ditto Security

**Dr. P. Rangababu**  
NIT Meghalaya

**Sri. Rajkumar Rajasekaran**  
Senior Applications Engineer, VI Solutions

**Dr. Nilanjan Dey**  
JIS University

**Sri. Vivek Bansal**  
Human Values

## REGISTRATION

There is no Registration fee from any participant.

Number of seats: 200 (first come, first serve)

Email for communication: [pujadash@gvpce.ac.in](mailto:pujadash@gvpce.ac.in)

### **Registration Link & Info:**

<https://atalacademy.aicte-india.org/participant/workshop>

Filter: State- Andhra Pradesh

Month- August

Thrust Area- Engineering

Mode- Online

Register by clicking the FDP link in the portal.

Last date of registration: **06-08-2021**

Final approval of participants will be confirmed on **07-08-2021**

**\*\* Please note: Trial on Cisco WebEx App will be done on 08-08-2021 (instructions will be provided to participants in advance)**

## ADDRESS FOR CORRESPONDENCE

### **Dr. Puja Dash, Coordinator**

Mobile No: 9337889813/ 8895164503

Gayatri Vidya Parishad College of Engineering  
(Autonomous)

Madhurawada, Visakhapatnam-530048. A.P.

**E- mail :** [pujadash@gvpce.ac.in](mailto:pujadash@gvpce.ac.in)

## PARTICIPATION CERTIFICATE:

**Digital Certificate will be generated in the portal to those participants who attended the program with the minimum 80% of attendance and scored minimum 60% marks in the test conducted at the end of the program.**



## ABOUT THE INSTITUTE

**Gayatri Vidya Parishad College of Engineering (A) (GVPCE)** was established in 1996 by Gayatri Vidya Parishad, a premier educational trust, to promote technical education. The GVPCE(A) offers ten UG, nine M.Tech programmes and MCA with an annual intake of around 1400. The college is reaccredited by NAAC with 'A' grade with a CGPA of 3.47/4.00. The institution had the privilege of being funded through TEQIP-II, S.C.1.2 by MHRD, Government of India.

The Department of Science and Technology, New Delhi, sanctioned the Scientific and Industrial Research Centre (SIRC), to support the research activities. UGC has accorded the institution, extension of Autonomous status for a period of five (05) years from the session 2020-2021 to 2024-2025. The college adopted Outcome Based Education methodology for all programmes from the A.Y. 2013-14. Research and Consultancy projects, dedicated faculty, well equipped laboratories, good infrastructure and meritorious students are the major strengths of the Institution.

## ABOUT THE DEPARTMENT:

The department of Electrical & Electronics Engineering was established in the year 1996. The department offers an undergraduate programme with an intake of 120 students. Two Post Graduate programmes are offered by the department in Power System & Control Automation and in Power Electronics & Drives with an intake 18 and 18 respectively. The department was accredited by NBA recently for 3 years in 2019. JNTUK - Kakinada has recognized the department as a research center. Highly qualified and experienced faculty are the strength of the department. Department has well equipped laboratories with a total investment of more than Rs. 3 Crores.