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Gayatri Vidya Parishad

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Dr. A. Syamsundar, Vice –Principal,
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Professor & Dean, IQAC
Gayatri Vidya Parishad College of Engineering (A)
Dr. G.V.E.Satish Kumar,
Professor & Head, Dept. of EEE,
Gayatri Vidya Parishad College of Engineering (A)

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Assistant Prof. Dept. of EEE
V Chandrika,
Assistant Prof. Dept. of EEE
Mr.B.V.Adiseshu
Assistant Prof. Dept. of EEE
Dr.Jammy Ramesh Rahul
Assistant Prof. Dept. of EEE

CONTACT US:

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Email Id: eee_techactivities@gvpce.ac.in

TOPICS:

- Fundamentals of AI and Smart Power Systems.
- Data Acquisition and Intelligent Monitoring.
- AI-Driven Demand Forecasting.
- Renewable Energy Integration and Grid Optimization.
- Predictive Maintenance and Cyber-security.
- Quantum Approximate Optimization Algorithm Grid Optimization.

RESOURCE PERSONS:

- Dr. Arnab Ghosh,
  NIT Rourkela
- Dr.K.V.Praveen Kumar,
  NIT Warangal
- Dr. Ritesh Kumar Keshri,
  VNIT, Nagpur
- Dr. Syed Taqi Ali,
  VNIT Nagpur
- Sri M Krishna Mohan,
  Vizag Steel Plant
- Dr.Sashidhar Sampathirao,
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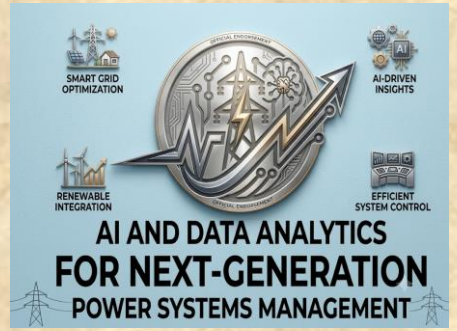
- Dr.C.V.K.Bhanu,
  GVPCE(A)
- Dr. G.V.E Satish Kumar
  GVPCE(A)
- P.G.Rajeswara Rao
  CEO,3rd Apple

GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING (A)

COLLEGE OF ENGINEERING (AUTONOMOUS)

A 5 Day Online Faculty Development program
On
"AI and Data Analytics for Next-Generation Power Systems Management"
November 16 - 20, 2026



Organized by
Department of
Electrical & Electronics Engineering

Gayatri Vidya Parishad College of Engineering (Autonomous)
Approved by AICTE & Affiliated to Andhra University, Visakhapatnam
Accredited by NAAC with 'A++' Grade for 7 years in the 3rd cycle
Madhurawada, Visakhapatnam – 530 048
www.gvpce.ac.in

ABOUT GAYATRI VIDYA PARISHAD COLLEGE OF ENGINEERING:

Gayatri Vidya Parishad (GVP) has been established in the year 1988 as an educational trust by a group of eminent educationists, academicians & industrialists to empower the young generation through high quality technical education. The Engineering education by GVP society was first originated by establishing Gayatri Vidya Parishad College of Engineering (GVPCE) in the year 1996 with the divine blessings of Sadguru Sri.K. Sivananda Murthy Garu. The institute has flourished in various facets of Academics and Research by achieving the pinnacle of success. This institute is offering 10 B.Tech., 5 M.Tech., and one MCA programme under the affiliating university, Andhra University. The college has brought in many initiatives for the benefit of students with autonomous status granted by UGC in 2009. The status of autonomy is further extended by UGC up to 2025. The institute has been reaccredited 3 cycle by NAAC with A++ grade with CGPA of 3.52/4.0 for seven years. All the eligible B.Tech., programs are accredited by NBA at least thrice. The institute received funds of Rs.5 Crores under Technical Education Quality Improvement Program (TEQIP), S.C-1.2. The college received Rs. 12 Crores from funding organizations AICTE/DST/NBHM/ARB etc., towards 45 R&D projects. The institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real world experiences.

ABOUT THE DEPARTMENT OF EEE:

The Department of Electrical & Electronics Engineering (EEE) was established in the year 1996. The department offers one B.Tech., and one M.Tech., Programme. Highly qualified and experienced faculty with 9 doctorates and 8 pursuing Ph.D. from reputed institutes are the strength of the department. The Department has 10 state of the art laboratories with a total investment of more than 3.5 crores. The department undertakes consultancy projects for industries and actively involved in various research projects worth Rs 2.63 crores funded by MNRE, AICTE, HBL Hyderabad and other organizations. The department was accredited by NBA for 6 times with its recent accreditation in 2025 for 3 years.

ABOUT FACULTY DEVELOPMENT PROGRAM (FDP):

“AI and Data Analytics for Next-Generation Power Systems Management” explores the transformative role of artificial intelligence and data analytics in modern power and energy systems. This Faculty Development Programme (FDP) focuses on intelligent technologies that enable smarter, more efficient, reliable, and resilient power grids, while highlighting AI-driven advancements in electric mobility and smart charging infrastructure. Participants will gain insights into machine learning-based forecasting and monitoring, power system optimization, automation, renewable energy integration, predictive maintenance, and data-driven decision-making. Through expert discussions and knowledge sharing, participants will explore innovative AI solutions for smart grid management and next-generation power networks.

OUTCOMES OF THE FACULTY DEVELOPMENT PROGRAM:

- Understand AI and data analytics concepts for power systems.
- Apply machine learning techniques for forecasting and monitoring.
- Analyze power system data for intelligent decision-making.
- Explore smart Grid optimization and predictive maintenance solutions.
- Identify emerging AI technologies shipping future power networks.

ONLINE REGISTRATION FORM:

https://forms.gle/K4QjbkXb1PVKi2iGA

DATES TO REMEMBER:

Registration Deadline: 15th November 2026

Online Workshop: 16th to 20thNovember 2026

REGISTRATION FEE:

Students: Rs 100
Research Scholars: Rs 300
Faculty Members: Rs 500
Delegates from Industries: Rs 1000

BANK DETAILS FOR PAYMENT:

Name: HOD EEE DEPT GVPCE A
A/c No. 191912010000244
IFS Code: UBIN0819191
Bank Name: Union Bank