

About BEC Bapatla

The Bapatla Engineering College (Autonomous), one of the seven educational institutions sponsored by the Bapatla Education Society, was established in 1981 with a vision to impart quality technical education and is affiliated to **Acharya Nagarjuna University**. The College is a little away from the din and bustle of Bapatla, a town with a historic and hoary past, about 75 Km. south of Vijayawada on Chennai-Vijayawada rail route. The college offers B.Tech. Programs in 8 branches of Engineering- Civil, Computer Science, Electronics and Communications, Electrical and Electronics, Mechanical Engineering which are thrice NBA accredited Electronics and Instrumentation, Data Science and Cyber Security Engineering which are accredited twice and Information Technology which is accredited once. The college also offers 5 Post Graduate programs in Communication Engineering & Signal Processing, Computer Science, Structural Engineering, Power Systems and CAD/CAM.

About Bapatla:

Bapatla is a small town on the main railway line to Chennai. Located in the Guntur district of Andhra Pradesh, Bapatla is calm and secluded haven by the sea. The beach is famous as 'Surya Lanka' and is about 6 km from the main town. Home to an Air Force Station and several universities, it is renowned as a prominent educational research hub. With the rustic charm of its quaint environs, Bapatla promises to be a delight.

About The Department:

The Department of Electrical and Electronics Engineering was established in 1995 and is offering Diploma (DEEE) with an intake of 30, B.Tech (EEE) with an intake of 120, and M.Tech (Power Systems Engineering) with an intake of 6. The department is equipped with modern laboratories, advanced software tools, and experienced faculty members committed to academic excellence, research, innovation. The major equipment includes Power Network Analyzer, DSP Based Drives, Digital Storage Oscilloscopes, Cable Fault Locator, Thermal Image Camera, Numerical Relay Test Kit and Lab Volt Electromechanical Training kit. The Professional Software's available include PSCAD, ETAP, MATLAB, PSIM and MIPOWER. The students of the department have bagged 5 times University First Ranks and all-India 4th, 11th and 12th etc. in GATE so far.

About the Program:

This FDP provides participants with advanced knowledge and practical insights into smart grid technologies, renewable energy integration, battery management systems, and sustainable power systems. The program focuses on recent advancements and emerging trends in modern energy technologies.

Objectives of the Program:

- To Train the Participants in
- To introduce fundamental concepts and emerging technologies in smart grids, battery management systems, and sustainable energy systems.
 - To provide knowledge on renewable energy integration, energy storage technologies, and modern power system operations.
 - To familiarize participants with recent advancements in electric vehicles, smart metering, and intelligent energy management systems.
 - To enhance understanding of IoT, AI, and data analytics applications in smart grid technologies. to enhance scholarly writing skills aligned with academic and professional standards

Resource Persons:

- **Dr. Naga Brahmendra Yadav (IIT Palakad)**
- **Dr. Sriram Srivas (IIT Madras)**
- **Dr. I Ragavendra Rao (NIT Tiruchunapally)**
- **Dr. Srinivasa Bhaskar(IIT Bhubaneswar)**
- **Dr. Jamada Karthik (R & D Amarraja Technologies)**
- **Mr. Satya (R & D Amarraja Technologies)**
- **Dr. Naga Mohan (R & D Ministry of power)**

Address for Correspondence:

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Bapatla- 522101, Guntur Dist. A.P.*



Five – Day FDP on

**“Emerging Trends in Smart Grids and
Sustainable energy Technologies”**

22nd – 26th June, 2026

REGISTRATION LINK:

https://docs.google.com/forms/d/e/1FAIpQLSc2mnWn CpCwWnvYylKqIdyqLxemoqKlpnCI7xCv3o_vJc93 Q/view form?usp=header

Eligibility:

Faculty members from AICTE approved Engineering Colleges, Working Professionals and practicing Engineers from various Research Organizations and Industries, Post Graduate Students, Under Graduate students of Electrical stream And Research Scholars Can Apply.

For Industry Persons: Rs- 700/-
For Faculty: Rs- 500/-
For Research Scholar: Rs- 300/-
For Students: Rs- 200/-

UPI ID: 9705543925-4@ybl

Last date for Registration :20-06-2026

Confirmation through mail :20-06-2026

MODE OF CONDUCT: HYBRID MODE

Advisory Committee:

Dr. K. Ramesh, Ph.D., *Assoc Professor*

Dr. N. Kathik, Ph.D., *Assoc Professor*

Dr. Ch. Sridhar, Ph.D., *Assoc Professor*

Dr. K. Kamala Devi, Ph.D., *Asst.Prof*

Dr G.Rajesh, Ph.D., *Asst.Prof*

Dr. P.Sampath Kumar, *Asst. Professor,*

Dr. Ch. Hari Prasad, Ph.D., *Asst.Prof*

Dr. J. Pardha Saradhi, Ph.D., *Asst.Prof*

Dr. B.Vijaya Krishna, *Asst. Professor,*

Dr. M. S. Dinesh, Ph.D., *Asst.Prof*

Dr.M.Suresh Babu, Ph.D., *Asst.Prof*

Dr. G. Sai Goutham, Ph.D., *Asst.Prof*

Organizing Committee:

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Mrs. D. Nagalakshmi, *Asst.Prof*

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- *Principal*

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Dr. N. Rama Devi

- *Professor & HOD,
EEE Department*

Co-Conveners:

Dr. J. Ravindra, *Asst. Professor.*

Dr. K. Rajendra, *Asst. Professor,*

Mr. S.Subrahmanyam, *Asst. Professor,*

Student Coordinators:

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Organized by

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Bapatla Engineering College :: Bapatla

(Autonomous)

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