

The College:

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. Programmes in 8 faculties 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 programmes in Communication Engineering & Signal Processing, Computer Science, Structural Engineering, Power Systems and CAD/CAM.

The Department:

This Department was established in 1995 and now offering Diploma (DEEE) with an intake of 60, B.Tech (EEE) with an intake of 180 and M.Tech (Power Systems engineering) with an intake of 18. The department has Electrical Machines Lab, Computer Simulation Lab, Power Electronics Lab, Electrical Measurements Lab, Control Systems Lab, Micro processers Lab, Electrical Workshop Lab and Power Systems Lab with state of art equipment. 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 Softwares 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 program will be a platform to train the members towards the applications of Soft computing in Electrical Engineering and provide an avenue for research in the various fields of Electrical Engineering.

Objectives of the Program:

- To train the participants towards applications of soft computing tools in electrical engineering.
- To educate participants about analysis of various faults in transmission lines using MATLAB.
- To familiarize participants on impact of various harmonics power quality.
- To educate participants about impact of electric spring technology DC Micro-grid.
- To familiarize participants about modelling and analysis of power converters using MATLAB.
- To educate participants about controller design issues for power converters.
- To train the participants towards IOT Applications in Electrical engineering.

Resource Persons:

- **Dr. N. Rama Devi**, M.Tech., Ph.D
- **Dr. G. Ravi Kumar**, M.Tech., Ph.D
- **Dr. K. Ramesh**, M.Tech., Ph.D
- **Dr. N. Karthik**, M.Tech., Ph.D
- **Dr. J. Ravindra**, M.Tech., Ph.D
- **Mr. N. Bala Krishna**, M.Tech., (Ph.D)

Address for Correspondence:

Convener, STTP-ASCEE,
Department of Electrical and Electronics,
Bapatla Engineering College,
Bapatla- 522101, Guntur Dist. A.P.



One Week Short Term Training Program

on " Applications of soft computing in Electrical Engineering "

15th- 20th March, 2021

REGISTRATION LINK:

<https://forms.gle/GWTVPLKQ6SRoNzU98>

REGISTRATION FEE:

No Registration Fee.

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.

Important Dates:

Last date for registration : 13-03-2021
Confirmation through mail : 14-03-2021

PLATFORM:
Microsoft Teams

advisory Committee:

Dr. G. Ravi Kumar, M.Tech., Ph.D
Dr. K. Ramesh, M.Tech., Ph.D.
Dr. N. Karthik, M.Tech., Ph.D.
Dr. P. Sampath Kumar, M.Tech., Ph.D.
Dr. B. Vijaya Krishna, M.Tech., Ph.D.
Dr. M. S. Dinesh, M.Tech., Ph.D.
Dr. A. Bala Surendra, M.S, Ph.D
Dr.G.V.N. Yatendra Babu, M.Tech., Ph.D.

Organizing Committee:

Mr. G. Rajesh, Asst.Prof
Mr. Ch. Sridhar, Asst.Prof
Mrs. K. Kamala Devi, Asst.ProfMr.
Ch. Hari Prasad, Asst.Prof Mr. J.
Pardhasaradhi, Asst.ProfMr. G. Anil
Kumar, Asst.ProfMr. K. Rajendra,
Asst.Prof
Mr. B. Praveen Kumar, Asst.Prof
Mr. M. Suresh Babu, Asst.Prof
Mr. M. Sivaramakrishna, Asst.ProfMr. G.
Sai Goutham, Asst.Prof Mrs. M.
Nagendra, Asst.Prof
Mrs. D. Nagalakshmi, Asst.Prof
Mr. P. Karimulla, Asst.Prof
Mr. M. Ganesh Babu, Asst.Prof
Mr. S. Subrahmanyam, Asst.Prof

Student Coordinators:

V.D.V. Sriram, 4th year EEE
Mobile: 8328165001
M. Sandeep, 4th year EEE
Mobile: 6303981790
D.Sumanth, 4th year EEE
Mobile: 7075325293

Chief Patrons:

Sri. Burle Venkata Siva Rama Krishna
- Acting President
Sri. Paladugu Papa Rao
- Vice-President
Sri. Manam Nageswara Rao
- Secretary
Sri. PanguluriBhavanarayana Chowdary
- Jt. Secretary &
Correspondent
Sri. Chandrapati Venkaiah
- Treasurer

Patron:

Dr. V. Damodara Naidu
- Principal

Convener:

Dr. N.Rama Devi
- HOD & Professor, EEE
Department

Co-Conveners:

Dr.J.Ravindra, Asst.Prof,
EEE Department
Mr.N.BalaKrishna,Asst.ProfEEE
Department

Vision of the Department

The Department of Electrical & Electronics Engineering will provide programs of the highest quality to produce globally competent technocrats who can address challenges of the millennium to achieve sustainable socio - economic development.

Mission of the Department

- M1. To provide quality teaching blended with practical skills.
- M2. To prepare the students ethically strong and technologically competent in the field of Electrical and Electronics Engineering.
- M3. To motivate the faculty and students in the direction of research and focus to fulfill social needs.



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on
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**Organized by
Department of Electrical & Electronics Engineering**

**Bapatla Engineering College :: Bapatla
(Autonomous)**

**(Affiliated to Acharya Nagarjuna University)
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