

About the Institute

Bapatla Engineering College (Autonomous) was established by Bapatla Education Society in the year 1981 and is reckoned for its academic excellence in engineering & sciences. It is a constituent institution of Acharya Nagarjuna University and is one of the best private engineering institutions in the southern region. BEC offers graduate courses in 7 disciplines with total intake of above 1000 students, 5 Post Graduate courses in SE (CIVIL), CAD/CAM (Mech), PS (EEE), SE (CSE) and CESP (ECE). All the departments have well equipped laboratories in addition to the common facilities of workshops, central library, state-of-art central computing facility, sports facilities and Innovation Centers that houses research and testing facilities for Industrial Projects and technology labs to promote interdisciplinary research activities.

About the Department

The Department is one of the oldest departments in the institute and it was established in the year 1981. The department secured the accreditation thrice by NBA. It has also attained the Institution of Engineers (India) recognition in terms of its excellent infrastructure, well equipped laboratories and high-quality teaching and learning process. The department is recognized as Research Centre by Acharya Nagarjuna University to which this institution is affiliated. It has lofty professional ambitions of producing students of the highest caliber with a set of dedicated and devoted faculty members. Considerable number of creditable GATE scores (All India first rank in 1997, 15th in 2005). The department has been ever inspirational to the budding civil engineering student fraternity as was evident from the IES best ranks secured by our alumni 89th rank in 2010 and 6th, 103rd ranks in 2011, University ranks (First and Second in 2004, first rank in 2005 & 2009, second rank in 2007 & 2008) are ample testimony to the academic standards maintained by the department.

Organizing Committee

Chief Patrons:

Sri. Muppalaneni Srinivasa Rao

President, Bapatla Education Society

Sri. Doppalapudi Rama Mohan Rao

Vice-President-I, Bapatla Education Society

Sri. Gelli Dileep Kumar

Vice-President-II, Bapatla Education Society

Sri. Manam Nageswara Rao

Secretary, Bapatla Education Society

Sri. Kommineni Hari Padma Prasad

Jt. Secretary & Correspondent, Bapatla Education Society

Sri. Thalluri Ramakrishna Rao

Treasurer, Bapatla Education Society

Patrons:

Dr. SK. Nazeer

Principal, Bapatla Engineering College

Dr. Ch. Naga Satish Kumar

Professor & Head of the Dept. of Civil Engineering

Convener:

Sri. S. Suresh Kumar

Asst. Professor, Dept. of Civil Engineering

Contact No : 89778 12369

Co- Convener:

Sri. P. Sai Viswanadh

Asst. Professor, Dept. of Civil Engineering

Important Dates

Last date for registration: 15th April, 2023

Workshop duration: 17-04-2023 to 21-04-2023

Online Registration Link:

<https://forms.gle/8Jxz8KhgCrpGo5bu5>

Certificate

Certificates will be provided for all the registered participants.

Registration Fee: Rs. 200/-



Five Day Workshop on 3D Printing & IoT Technologies in Civil Engineering

17th - 21st April 2023

Organizing by Department of Civil Engineering



**Bapatla Engineering College (Autonomous)
Mahatmajipuram, GBC Road, Bapatla,
Guntur (Dt), Andhra Pradesh,
INDIA - 522102.**

For More Details Contact

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Contents to be covered

- Introduction to 3D Printing
- Hands on Training On 3ds Max
- Freecad Softwares
- Floor Plans 3D Printing
- Converting 2D Drawings to 3D Objects
- Apartment & Towers Models 3D Printing
- 3D Scanning IoT Programming
- Introduction to Internet of Things (IoT)
- Hands on experience on Basic IoT kit

Expected Outcomes

After the Workshop, the participants will be able to:

- Understand the basics of 3D Printing & IoT Technologies.
- Understand the significance of Modeling and design of 3D Models.
- Understand Manufacturing of 3D floor plans, towers, Building models and IoT Technologies.

Who can attend

The following participants are encouraged to attend the Workshop

- Faculty members of Civil and Mechanical Engineering from AICTE approved Institutions
- UG, PG and Research Scholars

Resource Person



Dr. B.K.C. Ganesh
Ph.D from Andhra University
Founder of Print 3D
Technologies, Tirupati

- Dr.B.K.C.Ganesh completed his BE from Amravati University, Maharashtra in Production Engineering in 1996. He completed his Masters from BITS PILANI in 1998 and PhD from Andhra University in 2014.
- His research on Biomaterials Engineering has wide response from all over the world. Recently he had visited University Hospital, Basel ,Switzerland for training in medical 3D printing. He has 200 citations till date with a h index of 7.
- Now he founded his own company named Print 3D Technologies at Tirupati which offers Training in 3D PRINTING, Robotics and IoT Programming for all branches of Engineering.

Venue : RP Lab – 23

Date : 17-04-2023

Timings : 08:30 am to 04:30 pm

Faculty Coordinators:

Dr. T. Chandra Sekhar Rao
Dr. Ch. Maruthi Devi
Dr. P. Sundara Kumar
Dr.T. Phani Madhavi
Sri P. Bapi Raju
Dr. Balla Satyanarayana
Sri. Y. Ravi
Sri. S. Ganapathi Prasad
Sri. T. Chiranjeevi
Sri. K. Ravi Kumar
Sri. K. Hari Babu
Sri. T. Santhi Sagar
Sri. Y. Murali Krishna
Sri. R. L. R Nagendra Prasad
Sri. B. Ravi
Sri. K. Jaya Sundar
Sri. G. Rajendra
Sri. G. Prasanth Babu
Sri. K. Anil
Sri. E. Bala Koteswara Rao
Mrs. Y. Vidya Indrasena
Dr. V.S.J. Yeswanth Paluri
Dr. Kunamineni Vijay
Sri. K. Helena