

About the College:

Bapatla Engineering College (Autonomous) was established in the year 1981 with a total intake of 180 students in CE, ME & E.C.E branches. The college was initially affiliated to Andhra University and later to Nagarjuna University from 1984 onwards. An additional section with an intake of 60 was sanctioned for Mechanical Engineering branch in 1987. From the year 1994, The College embarked on programs of expansion in terms of courses and intake, infrastructure and facilities.

With requisite infrastructure facilities and competent human resources, the college is one of the "Largest Institutions in the State of Andhra Pradesh". The college is widely acclaimed for its meticulous planning, resource scheduling and Institutional management. The college has solicited appropriate accreditation for Civil,

Computer Science, Electronics and Communications, Electrical and Electronics, Electronics and Instrumentation and Mechanical Engineering branches twice by AICTE-NBA and for subsequently started Chemical Engineering, Information Technology and Bio-Technology once.

About the Department:

The Department was established in 1981. The Department has excellent lab facilities with state of the art equipment and it has highly qualified, experienced and committed faculty members.

The Department gives importance not only to academic education and research and developm

ent but also ethical values and personality development of students. The Department of Mechanical Engineering regularly organizes various technical & extracurricular events and brings out magazine annually under MECHANICAL ENGINEERING STUDENTS ASSOCIATION. The Department has exclusive Computer Centers equipped with high capacity servers and systems with high configuration and. Number of Mechanical related software packages like ANSYS-18.0, Pro/ENGINEER 4.0, CATIA V5 R15, ADMSS, INVENTOR SERIES, AUTOMATION STUDIO, STAR-CD for CAD lab and packages like Master CAM, Emco off line simulation etc., for CAM and Automation lab are available. The department strives hard to impart quality education and to keep the students on the competitive edge of the present-day technology.

Benefits:

Certificate of Excellence for Actively participated candidates.

Workshop Participation Certificate will be given to each & every individual candidate.

Unlimited career guidance to students on advanced certifications & placements.

Training sessions will be done by using Theoretical & Practical sessions.

Project works at optimum cost to workshop attended candidates.

Industrial visits at optimum cost to workshop attended candidates.

Scope of Workshop ?

LIQUID PENETRANT TESTING

- Introduction of LPT.
- Advantages & Disadvantages of LPT.
- Chemicals used in performing LPT.
- Steps involved in performing LPT.
- Types of LPT Testing's.
- Codes & Standards for conducting LPT Test
- Practical Lab on LPT.

MAGNETIC PARTICLE TESTING

- Introduction of MPT.
- Advantages & Disadvantages of MPT of MPT.
- Chemicals used in performing MPT.
- Steps involved in performing MPT.
- Types of MPT Testing's.
- Codes & Standards for conducting MPT Test
- Practical Lab on MPT.

RADIOGRAPHY TESTING

- Introduction of RT.
- Advantages & Disadvantages of RT.
- Applications of RT.
- Steps involved in performing RT.
- Codes & Standards for conducting RT Test & Report writing.
- Practical Lab on RTFI (RADIOGRAPHIC TEST FILM INTERPRETATION).

ULTRASONIC TESTING

- Fundamentals of Ultrasonic Testing.
- Advantages & Disadvantages of UT.
- Applications of UT.
- Sound wave velocities in Different Materials.
- Calibration of standard blocks (V1, V2).
- Conducting UT tests on different specimens as per ASNT standards
- Practical Lab on UT.

Registration Fee:-

Rs/- 400 Per each Student

(Registration fee includes Workshop Kit, working Lunch and Tea during the workshop dates)

Who can attend?

3rd and 4th year B.Tech students of Mechanical Engineering.

Venue :-

CMB Seminar Hall,
Bapatla Engineering College, Bapatla, A.P.