About the Workshop:

This workshop's objective is to provide in-depth insights into the research process, methodology, literature review, problem statement identification, and scientific paper writing. It will include interactive, hands-on exercises to enhance participants' research skills and promote research integrity and career development.

Topics to be Covered:

1. Concept and Process of Research
2. Effective Literature Review
3. Sources of Problem Statements
4. Identification of Problem Statements [Hands-on Exercise]
5. Identification of Research Objectives [Hands-on Exercise]
6. Data Collection and Sources [Hands-on Exercise]
7. Designing Methodology [Hands-on Exercise]
8. Designing Graphical Abstract [Hands-on Exercise]
9. How to Write a Scientific Paper for Publication?
10. Writing process of Scientific Paper
11. Writing an Effective Abstract [Hands-on Exercise]
12. How to Identify Suitable Journal/Conference for Submission of Article
13. Research Promotion and Career Development
14. Maintaining Research Integrity
15. Doing Honest Research Work in College

Target Audience:
Faculty Members from all the departments
Venue: RP LAB -31
Timings: 09.00 A.M to 05.00 P.M

Chief Patrons:

Sri. Muppalaneni Srinivasa Rao
   -President, Bapatla Education Society
Sri. Karumanchi Venkata Rao
   -Vice-President-1, Bapatla Education Society
Sri. Parepalli Chandra Sekhar
   - Vice-Prcsident-2, Bapatla Education Society
Sri. Manam Nageswara Rao
   -Secretary, Bapatla Education Society
Sri. Doddapaneni Venkaiah Chowdary
   -Joint Secretary, Bapatla Education Society
Sri. Kota Veera Brahmaiah
   -Treasurer, Bapatla Education Society

Patron:
Dr. Nazeer Shaik, *Principal, BEC*

Resource Person:
Dr. Raju Aedla, *Dean - Research & Development, Shri Vishnu Educational Society*

Convener:
Dr. K. Mani Deep, *Convenor IQAC*

Co-Convenors:
Dr. N. Venkateswara Rao, *Dean R& D*
Mr. M. Lenin Babu, *President IIC*

Organizing Team:
Mr. K. Jaya Sundar, *Asst. Prof., CE*
Dr. P. Ramesh Babu, *Assoc. Prof., CBDS & AIML*
Smt. Ch. Mangamma, *Asst. Prof., CSE*
Dr. K. Naga Raju, *Asst. Prof., ECE*
Dr. P. Sampath Kumar, *Asst. Prof., EEE*
Smt. J. Venkata Lakshmi, *Assoc. Prof., EIE*
Dr. V. Hanuman Kumar, *Assoc. Prof., IT*
Dr. A. Praveen, *Asst. Prof., ME*
Dr. S. Mohan, *Asst. Prof., Chemistry*
Dr. K. Venkata Lakshmi, *Asst. Prof., English*
Dr. N. Rafi, *Asst. Professor, Mathematics*
Dr. Ch. Anjaneyulu, *Asst. Prof., Physics*
Mr. B. Lakshmi Narayana, *Asst. Prof., MCA*

A TWO-DAY FACULTY DEVELOPMENT PROGRAM
on
MASTERING RESEARCH METHODOLOGY: FROM CONCEPT TO PUBLICATION

7th & 8th, March 2025

Organized by
Internal Quality Assurance Cell (IQAC)
Research & Development (R&D) Cell
Institution Innovation Council (IIC)
Bapatla Engineering College::Bapatla
(Autonomous)
(Affiliated to Acharya Nagarjuna University)
Bapatla Dist., A.P. - 522102.
Phone:08643-224244,224266,225234
Fax:08643224246
E-mail: bec.principal@becbapatla.ac.in
Website: www.becbapatla.ac.in

About the College:

The Bapatla Engineering College (Autonomous) is one of the seven educational institutions sponsored by the Bapatla Education Society. Bapatla Education Society is a co-operative society established in 1962 with the objective of providing quality education to the students in and around Bapatla in specific and others in general. The society comprises of 150+ distinguished governing body members from all walks of life including Industrialists, Business persons, Lawyers, Doctors, Engineers, Statespersons, Educationalists and Farmers. The college was established in 1981 with a vision to impart quality technical education and is affiliated to Acharya Nagarjuna University. The college is NAAC accredited with A$^+$ grade (CGPA of 3.49 on 4-point scale). The College is little away from the din and bustle of Bapatla. The college offers B.Tech. Programs in 9 branches of Engineering. These branches of Engineering include- Civil, Computer Science, Electronics and Communications, Electrical and Electronics, Mechanical which are NBA accredited four times, Information Technology which is accredited twice and another three new programs introduced are Computer Science (AI & ML), Computer Science (Cyber Security) and Computer Science (Data Science). The college also offers 5 Post Graduate programs in Communication Engineering & Signal Processing, Computer Science & Engg., Structural Engineering, Power Systems and CAD/CAM.

About Bapatla:

Bapatla is the administrative headquarters of Bapatla district with a historic and hoary past. Bapatla is located about 75 Km. south of Vijayawada on Vijayawada-Chennai rail route. Home to an Air Force Station and several educational institutes of excellence, it is renowned as a prominent educational research hub. Bapatla is a calm and secluded tourist attraction along the East coast. The beach is famous as 'Suryalanka' and is about 6 km from the main town. With the rustic charm of its quaint environs, Bapatla promises to be a delight as a tourist place.

About IQAC:

Internal Quality Assurance Cell (IQAC) is a part of the institution's system and work towards realization of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions.

The work of the IQAC is the first step towards internalization and institutionalization of quality enhancement initiatives. Its success depends upon the sense of belongingness and participation it can inculcate in all the constituents of the institution. It will not be yet another hierarchical structure or a record-keeping exercise in the institution. It will be a facilitative and participative voluntary system/unit/organ of the institution.

About R&D Cell:

Bapatla Engineering College has dedicated research and development (R & D) cell to oversee the research activities, promote the R & D ecosystem and to strengthen the research profile of the college. Developing and implementing the research policy in the college and encouraging faculty and students to promote potential research in the campus which results in intellectual property rights, quality publications and project proposals are the main objectives of the college R & D cell. All the faculty members are active in R & D at the department level and also engaged networking with other institutions to cooperate and to bring more joint research outcome.

About IIC:

In the year 2018, the Ministry of Education (MoE) through MoE's Innovation Cell (MIC) launched the Institution's Innovation Council (IIC) program in collaboration with AICTE for Higher Educational Institutions (HEIs) to systematically foster the culture of innovation and start-up ecosystem in education institutions.

Primarily, IICs' role is to engage large number of faculty, students and staff in various innovation and entrepreneurship related activities such as ideation, Problem solving, Proof of Concept development, Design Thinking, IPR, project handling and management at Pre-incubation/Incubation stage, etc., so that innovation and entrepreneurship ecosystem gets established and stabilized in HEIs.

The IIC model is designed to address the existing challenges/issues in HEIs such as less numbers, occasional and unplanned Innovation & Entrepreneurship (I&E) activities organised in HEIs with low involvement of top leadership, lack of coherence and absence of synergy in resource mobilization, deployment and underutilization of creative potential of youths as major barrier for vibrant I&E ecosystem to emerge from HEIs.

Bapatla Engineering College
ESTD : 1981
(AUTONOMOUS)
EAPCET CODE : BECB
A+ NAAC | UGC AUTONOMOUS | CERTIFIED ISO 9001 | AAA Rating | INSTITUTION'S INNOVATION COUNCIL
Sponsored by Bapatla Education Society   Affiliated to Acharya Nagarjuna University Guntur   Accredited & Certified by ISO   Approved by AICTE New Delhi

A Two-Day Faculty Development Program on
MASTERING RESEARCH METHODOLOGY: FROM CONCEPT TO PUBLICATION

March 7 – 8, 2025

Program Schedule

Resource Person: Dr. Raju AEDLA
Dean – R&D, SVES

	Day – 01
09:00 – 09:30	**Inauguration and Introduction:** Resource Person and Participants. Presenting the context of the Workshop
09:30 – 10:30	**Session – I** Introduction of Research – Concept and Process; Research Process – Beginners; Sources of Research Problem Statement
10:30 – 10:45	Short Break
10:45 – 12:30	**Session – II** Introduction of Research – Literature Review; Defining Research Objectives
12:30 – 13:30	Lunch Break
13:30 – 15:30	**Session – III** Problem Identification, Defining Research Objectives [Hands-on Exercise]
15:30 – 15:45	Short Break
15:45 – 17:00	**Session – IV** How to Write a Scientific Paper for Publication?
	Day – 0 2
09:00 – 10:00	**Session – V** How to Write a Scientific Paper for Publication? & Data Collection and Designing Methodology [Hands-on Exercise]
10:00 – 10:15	Short Break
10:15 – 12:30	**Session – VI** Expected Results, Abstract, Keywords and Title [Hands-on Exercise]
12:30 – 13:30	Lunch Break
13:30 – 14:30	**Session – VII** Research Promotion and Career Development
14:30 – 15:15	**Session – VIII** Research Process – Faculty @ Academic Institute
15:15 – 15:30	Short Break
15:30 – 16:00	**Session – IX** Research Collaboration & Networking
16:00 – 16:30	**Session – X** Doing Honest Research Work in College & R&D Policy
16:30 – 17:00	**Valedictory:** Feedback & Concluding Remarks

Key Points for Participants:
- ✓ The participants should come to the workshop with curiosity to understand and learn the concepts of research.
- ✓ The participants should attend all the sessions without fail.
- ✓ The participants shouldn't take any break between the sessions.
- ✓ The assignments should be submitted in a given specified time.
- ✓ All the assignments should be submitted as per the instructions given by the instructor.