



J.B. INSTITUTE OF ENGINEERING & TECHNOLOGY

UGC Autonomous

(Accredited by NBA & NAAC, Approved by AICTE & Permanently Affiliated by JNTU, Hyderabad)

Bhaskar Nagar, Yenkapally Village, Moinabad Mandal, R.R. Dist.-75, Telangana State.

Phone Nos. : 91-08413-235127, 235053, Fax : 91-08413-235753.

Website : www.jbiet.edu.in Email: principal@jbiet.edu.in

01.07.2024

Research and Development Cell

All higher educational institutions must create and support a research culture among its teachers and students and leverage it for enriching and enhancing their professional competence. Research creates basis for a strong teaching- learning eco system which will be more application oriented. Also, this forms the foundation for the innovation and entrepreneurship. Hence a system for promoting and regulating the activities pertaining to research must be set-up.

Objectives:

- To constitute a research mentoring committee for monitoring and further developing the research activities in the department
- To recruit teachers with a flair and competence in research.
- To provide seed money for faculty to undertake minor research works
- To equip laboratories with relevant modern equipment, software and library resources to suit research demands.
- To forge into alliances with prominent research groups for collaborative work.
- To apply for external research funding from private and public agencies in focused frontier areas.
- To create inter-disciplinary research groups for prospective applied research.
- To approach industry for setting-up of research laboratories on campus for the benefit of faculty and students
- To provide faculty with academic/sabbatical for undertaking research work/PHD work
- To identify the thrust areas for research in various disciplines
- To encourage and facilitate faculty and students to apply for intellectual property rights or publish in reputed academic journals based on their research outcomes



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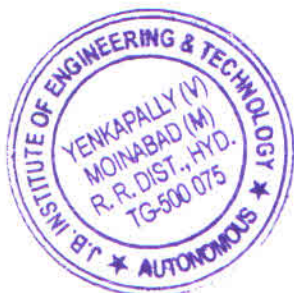
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Research Mentoring Committee

S. No	Name of the expert with Affiliation	Area of expertise	Role
1	Dr V. Venkata Krishna, Dean, CS	Computer Sciences	Chairman
2	Dr. P. Duraipandy, HoD, EEE	Electrical Engineering	Member
3	Dr P. K. Pradhan, Associate Professor, ECE	Electronics Engineering	Member
4	Dr Anoop Kumar Shukla, HoD, ME	Mechanical Engineering	Member
5	Dr K. Aditya, HoD, CE	Civil Engineering	Member
6	Dr. D. Udaya Shekhar, HoD, MBA	Management Studies	Member
7	Dr. K. Venkatesham, HoD, Physics	Physics	Member
8	Dr. D. Gouthami, Asst. Prof, Chemistry	Chemistry	Member
9	Dr. B.V. Swarnalathamma, HoD, Mathematics	Mathematics	Member
10	Dr. Nilamadhab Panda, HoD, English	English	Member
11	Dr L. Vaikunta Rao, Dean, R&D	Chemistry	Member Secretary

Thrust Areas identified:

Artificial Intelligence, Machine Learning, Block Chain Technologies, Internet of Things, Data Science and Analytics, High Performance Computing, Cyber Security, Web Technologies, Human Computer Interaction, Networking and Security, MEMS, Signal Processing & Communications, VLSI Design, Embedded Systems & Robotics, Robotics Process Automation, Smart Manufacturing, Renewable Energy Systems, Smart Cities, Structural Health Monitoring, Business Analytics, Chemical Materials, Applied Physics, Computational Mathematics, Modern Language Pedagogy.



P. Ch. Chary
Principal

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