Research and Development Policy 2020-21

Vidya Jyothi Institute of Technology

Preamble

Vidya Jyothi Institute of Technology (VJIT) is a dynamic institution of higher learning, established in 1998 by the Vidya Jyothi Educational Society, founded by a group of dedicated academicians and visionary educationists.

As an autonomous college, VJIT designs its own curriculum to equip students with the knowledge and skills required to thrive in a rapidly evolving world. One of the institute's core missions is to prepare students for meaningful lives and successful careers. In line with this mission, VJIT continuously adapts to advancements in engineering education, ensuring its students are industry-ready. The institute has earned the trust of both parents and students alike.

VJIT emphasizes innovative learning strategies to enhance students' problem-solving abilities and higher-order thinking skills. Additionally, research is a fundamental aspect of its academic activities. By fostering interdisciplinary research among undergraduate and postgraduate students, the institute drives cutting-edge innovations and academic excellence.

Vision

- To develop into a reputed Institution at National and International level in Engineering, Technology and Management by generation and dissemination of knowledge through intellectual, cultural and ethical efforts with human values.
- To foster Scientific temper in promoting the world class professional and technical expertise.

Mission

- To create state-of-the-art infrastructure facilities for optimization of knowledge acquisition.
- To nurture the students holistically and make them competent to excel in the global scenario.
- To promote R&D and consultancy through strong industry-institute interaction to address the societal problems.

VJIT's Research

The Principal establishes a College Research and Collaborative Committee comprising the Heads of Departments and senior faculty members to initiate, promote, and oversee research activities within the college. This committee shall convene at regular intervals to review ongoing research activities and explore strategies to enhance research outcomes. The team shall report directly to the Principal.

This policy applies to all faculty, staff, and students engaged in research at the college.

College creates and promotes a culture of research by

1. Providing infrastructure through the various research centers in the campus.
2. Identifying research areas and assisting faculty to submit proposals to various funding agencies for Major and Minor research grants.
3. Ensuring quality and ethics in research.
4. Encouraging faculty to apply for recognition as research guides
5. Organizing seminars/conferences/workshops on research topics such as research methodologies.
6. Sanctioning Seed Money that is allocated between departments.
7. Knowledge dissemination initiatives for writing of textbooks, research papers, etc.
8. Organizing creative activities resulting in generation of innovative ideas.

Tool for prevention of plagiarism

The college is using Internet-based plagiarism detection software 'Drillbit plagiarism tool'.
All the documents submitted by faculty, students and research Scholars (including thesis, research articles, dissertations, etc) are subjected to a plagiarism check.

Research Policy Implementation Mechanism

The College Research and Collaborative Committee shall be responsible for implementing the research policy by working closely with the faculty, staff and students

Roles and responsibilities of Research and Collaboration committee

The research & collaboration committee is responsible to plan research activities, mobilize resources from government and non-government agencies, manage and review R&D projects and initiate collaborative research.

Planning Research Activities:

1. To maintain excellence in research outcomes
2. To encourage multidisciplinary research
3. To create awareness and promote faculty for publication, research contribution and patent
4. To promote faculty to organize and attend conferences
5. To announce Incentives for faculty with excellent research outcome
6. To acquaint the students about technological innovations
7. To motivate students to attend conference and Training

Mobilize resources from government and non-government agencies:

1. To identify opportunities for externally funded R&D projects
2. To apply for funding & submit project proposals
3. To follow up with the funding agencies for securing sanction of projects
4. To promote faculty to write effective research proposals for funding agencies.
5. To plan annual budget towards research

Manage and review R&D projects:

1. To call for projects for in-house research.
2. To scrutinize projects for sanction of SEED money.
3. To review sanctioned projects at regular intervals.
4. To ensure timely submission of Utilization certificates, Annual progress reports and Expenditure statements.

Initiate Collaborative research:

1. To develop and maintain close ties with industry
2. To promote technical exchange leading to MOUs.

Incentives for Research Publications

To motivate faculty members to publish their research findings in reputed journals, VJIT rewards its faculty members.

Research Publications in	Incentive Amount
SCI Journals	15,000
SCOPUS Journals	₹10,000
WOS Journals	₹ 3,000
UGC -CARE Journals	₹ 2,000
Text-Book (published by National/International publishers)	₹15,000
Book Chapter	₹ 5,000