Research and Development Policy

Vidya Jyothi Institute of Technology

Preamble

Vidya Jyothi Institute of Technology (VJIT) is a vibrant institution of higher learning established by Vidya Jyothi Educational Society created by a group of committed academicians and enterprising educationists in 1998.

VJIT is an autonomous college which drafts own curricula that educates students to develop the perceptions they need to move in a rapidly changing world. One of the missions of the institute is to equip students for meaningful lives and productive careers. In keeping with this mission, the Institute adapts to the transformations in engineering education making its students industry-ready. The Institute has won the confidence of both the parent community and the students.

The institute, in collaboration with leadingIndia.ai, an initiative of AICTE, Bennett University– Noida, City College, London, has taken initiatives to conduct workshops on Artificial Intelligence, Machine Learning & Deep Learning.

This is a student driven organization. One of the Institute's students' initiatives is "Hands That Help" which involves voluntary activities like teaching the poor in government schools, charity works and other activities to develop the underprivileged.

The focus of the institute is to develop learning innovation to enhance problem solving and higher order thinking skills of students. In addition, research is an integral part of the academic activities of the Institution. The institute ensures cutting edge innovations by encouraging interdisciplinary research among undergraduate and postgraduate students.

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 constitutes a College Research and Collaborative Committee consisting of the Head of Departments and senior faculty members who shall initiate, promote and monitor the research activities in the College. The principal shall appoint a Dean from among this team. This committee shall meet at regular intervals to review research activities in the college and also to discuss ways to enhance research outcomes in the College. The team shall report to the principal.

This policy shall apply to all the faculty, staff and students of the college undertaking research.

College creates and promotes a culture of research by

1. Providing infrastructure through the various research centres 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.
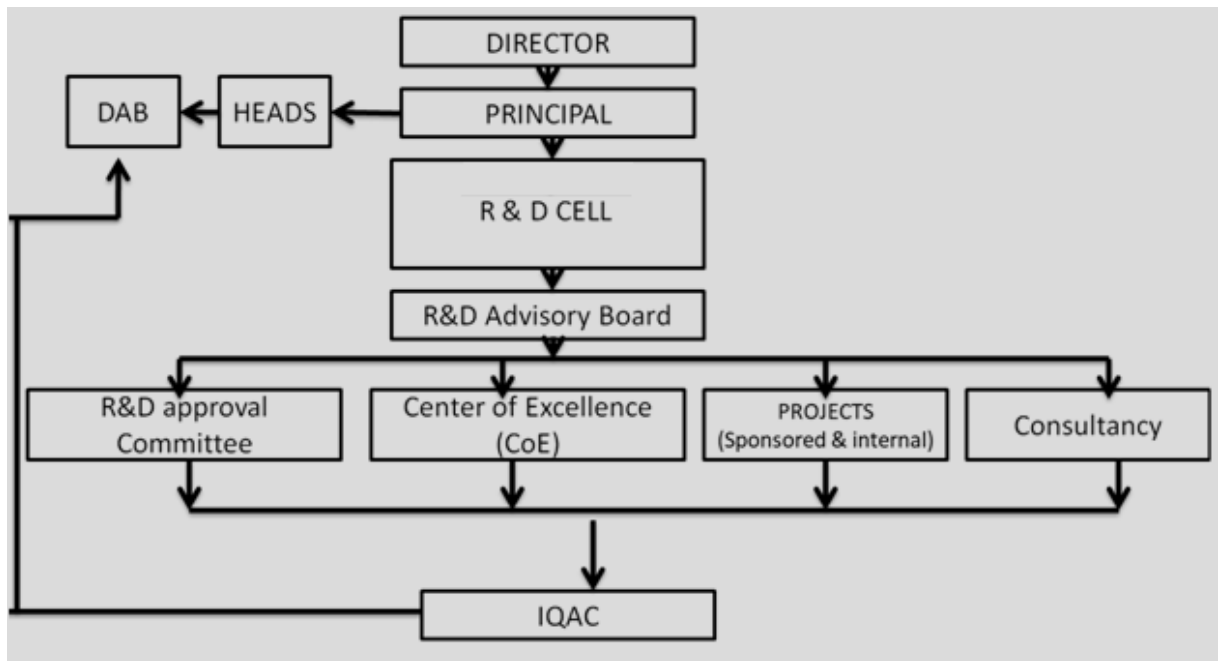5. To plan annual budget towards research

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.

R&D Hierarchy

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

If we knew what it was we were doing, it would not be called research, would it?
Albert Einstein