

# **YENEPOYA INSTITUTE OF TECHNOLOGY**

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## **RESEARCH AND DEVELOPMENT POLICY**

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## **1. INTRODUCTION**

Yenepoya Institute of Technology (YIT) is progressing with a VISION “Set up the Standard for Engineering Sciences Education” and with a MISSION “Educate and Transform the Student Community”. YIT believes that excellence in education is not a destination rather it is a continuous journey associated with academic, co-curricular, extracurricular, sports and research. In addition to all academic facilities offered, now, YIT has formed Institution Research Committee (IRC) to frame a Research and Development Policy as a part of strategic plan to create research culture and research integrity among the faculty members. It desires students to mark the research excellence in core and inter/multi-disciplinary areas. IRC aids and encourage all research minds to promote and disseminate research knowledge and to build a YIT Research Hub, comprising of academic and industrial communities. Further, the policy also attributes to the innovation activities towards economic progress, including social well-being.

## **.2. OBJECTIVES**

- To encourage and strengthen the research culture and research integrity to have a research hub in the institute catering to build institute’s research capabilities
- To encourage core and inter/multi-disciplinary research activities
- To encourage resource mobilization for research
- To integrate research and education
- To strengthen collaborative and student/faculty extension research activities
- To develop research infrastructure

### **3. IRC COMMITTEE**

The IRC committee comprises of the following members

- a. Principal (ex officio member)**
- b. Institute level research coordinator (nominated)**
- c. Head of all academic departments (ex officio member)**
- d. All PhD holders and faculty pursuing PhD**

Each department shall have one department level research coordinator who will oversee all the research activity responsibilities of the respective department and coordinate with institute level research coordinator.

#### **Responsibilities of the IRC Committee**

Committee members shall act, as per assigned designation and responsibilities, to meet the objectives of research policy and overall growth with impartial and efficient co-ordination.

- Set and regulate the standards/policy for research activities in adherence to the current safety practices, plagiarism, ethical standards and institutional norms.
- Formulate incentive schemes and provide a mechanism for financial assistance for promoting research activities.
- Identify thrust research area and coordinate among the departments
- Abide to initiate/implement all research matters in the curriculum of UG and PG programs of VTU/AICTE/Govt.
- Monitor the quality of research activities, publications, progress of Ph.D scholars and the utilization of research resources

- Evaluate the quality of research attainment achieved by the researchers to claim incentive scheme benefits, yearly.
- Conduct regular review of the research progress

#### **4. RESEARCH AND DEVELOPMENT POLICY**

##### **a. Research Initiatives for Faculty**

- Eligible faculty members shall be encouraged and permitted to register for Ph.D (part time), with full salary
- Faculty pursuing PhD shall be facilitated with one full working day, in a week, free from academic work load
- Full administrative support shall be extended to initiate research and other Intellectual Property Rights (IPR) related activities
- The SEED grant shall be considered, by the institution, to initiate the research activity based on the quality of research proposal submitted.
- Recognition/acknowledgment of the achievers, (Ph.D award, Research projects, Patent and Publications etc.) shall be done through newsletter, newspaper, website, college digital display and circular)

##### **b. Research Projects, Collaboration and Training**

- Faculty with doctoral degree should pursue a minimum of one funded research project
- Support and encourage shall be provided to establish collaborative network, globally (MOU, exchange activity etc.).
- Support for any other activity to be of significance to carry out research work shall be provided
- Full autonomy shall be given to Principal/Co-Investigator to carry out the research as per the guidelines of the funding agency

- Upon demand, selected faculty members shall be deputed to various training center to get trained, with financial aid.

**c. Publications (Paper, Patent, Books)**

*(At par with publication standards set by UGC/AICTE guidelines)*

- Faculty with doctoral degree should publish minimum one research paper in journal and conference proceedings per year.
- Faculty pursuing PhD should publish minimum one research paper in journal and conference proceedings at least over a period of two years.
- Each faculty should attend and present papers in conference/workshop every year
- Legal and financial support shall be provided for patent registrations

**d. Incentives and Financial Support**

*(Subjected to approval of IRC and at par with the interest, limitation and norms of the institution)*

- Incentives (Salary increment/promotion/cash awards) for the following achievements shall be given as per the IRC recommendation
  - PhD award (minimum of five years of service in the Institute)
  - Externally sponsored research grant (based on grant amount)
  - Outstanding research achievement in a year
  - Paper publications (Based on Impact factor, Q journal etc.)
  - Patent
  - Book publications
- Registration Fee, and travel expenses to present paper in conferences/workshops/seminars and other professional development activities is provided by the institution partly, upon recommendation of IRC

- The Institution shall support for organizing of conferences/workshops/seminars

## 5. RESEARCH ETHICS

All faculty with PhD degree are the members of ethics committee chaired by Principal. All research activities shall be performed in accordance with the YIT Research Code of Ethics framework.

### The Code of Research Ethics

All Researchers;

- Should have mutual trust, integrity for the exchange of research ideas
- Should report/publish only fact findings and original research output
- Should award authorship only to those researchers who have made an original and significant contribution to the conceptualization, design, execution, and interpretation of the work carried out. The principal author should evaluate the contribution to award corresponding authorship and order of the co-authorships. Any other research related contributions should be acknowledged.
- Should not involve in any academic misconducts such as misinterpretation, plagiarism, violation of IPR rights and violating institute research policy
- Should face research ethical committee enquiry for any research misconduct

(Principal)

*Note: Amendment of the policy will be made as and when required.*