

## **All India Council for Technical Education (AICTE)**

<https://www.aicte-india.org/>

### **I. Introduction**

The All India Council for Technical Education (AICTE) has been performing its regulatory, planning and promotional functions through its Bureaus, namely: Administration; Finance; Planning and Coordination; Under Graduate Studies; Post Graduate Education and Research; Faculty Development; Quality Assurance; and Research and Institutional Development Bureaus; and through its Regional Offices located in various parts of the country.

### **II. Name of scheme(s)**

#### **i) Research & Institutional Development Schemes**

##### **a) Modernization & Removal of Obsolescence Scheme (MODROBS)**

- To equip technical institutions with modern infra-structural facilities in laboratory(s)/workshop(s)/computing facilities to enhance functional efficiency for teaching, training and research purposes. Creation of new laboratories is not envisaged. Maximum Funding is Rs. 15 lakhs with 2 years duration.
- The aims are contemporary Lab Work, relevant project work, indirect benefits to faculty/students of the institution through training programmes and consultancy work.

##### **b) Research Promotion Schemes (RPS)**

RPS aims to create research ambience by promoting research in technical disciplines and innovations in established and emerging technologies; and to generate Masters and Doctoral degree candidates. The three research avenues within RPS are the following:

- Proof of Concept work - Independent research activity which can lead to growth of knowledge/process in an area, which can grow into a major project. Funding for such projects would be limited to a one time grant of Rs. 5-10 lakhs.
- Capacity Building for research – A young faculty (30 years limit) with grant of Rs. 10-12 lakhs, is encouraged to carry out research at Doctoral level in a reputed institution. The funding can be used for both drawing of salary during leave without pay condition and towards purchase of equipment to carry out research in a Novel area.
- Patentable technology development by a group of faculty members, having proven track record, who aim at developing new research facilities, at the parent institution, being motivated chiefly by high-end output such as patentable technologies. Funding to such projects would be limited to a one time grant of Rs. 20 lakhs.

#### **ii) Industry-Institute Interaction Schemes**

##### **a) Industry Institute Partnership Cell (IIPC)**

To establish institute-industry liaison by encouraging: (1) conduct of industrial training programmes (2) facilitating exchange of resource personnel (3) carry out industrial R&D (4) conduct of industrial visits (5) developing appropriate curricula and (6) undertake consultancy services, etc.

##### **b) Entrepreneurship Development Cells (EDC)**

To encourage students to consider self-employment as a career option and provide training in entrepreneurship.

##### **c) National Facilities in Engineering & Technology with Industrial Collaboration (NAFETIC)** To establish national level facilities in the frontier areas of Engineering & Technology through collaboration between industry(s) and institutions for product development, basic research, trouble shooting, consultancy, testing & training purposes.

##### **d) Nationally Coordinated Project (NCP)**

To plan, coordinate & execute integrated R&D programmes at national level by a group of institutions. The technical/ financial/ administrative deliverables are to be spelled out clearly by the networking institutions with the lead institution being an IIT/IISc/IIM/NIT.

### **III. Areas of research support**

Engineering and Technology, Architecture , Town Planning, Management , Pharmacy, Hotel Management and Catering Technology, Applied Arts and Crafts etc.

#### **Contact Address:**

Adviser-II,RID Bureau, All India Council for Technical Education  
NBCC Building, East Wing, 4th Floor, Pragati Vihar, Bhisam Pitamah Marg, New Delhi –110  
003,Telefax No: (011) 24369632,  
E-mail: rid@aicte.ernet.in,Website: [www.aicte.ernet.in](http://www.aicte.ernet.in)