

## **Section 5: Research, Innovation, and Extension**

### **5.1 Research Policy and Ethics :**

SACET has a Research and development committee that facilitates and monitors research activities. The total R&D is organized into six categories:

- I. Academic Research
- II. Sponsored Research
- III. Extension and Extramural
- IV. Excellent Centers
- V. Consultancy
- VI. IPR

The R&D committee is headed by the Director (R&D). The Research committee takes all strategic decisions, corrective actions, preparing, updating policies as per the UGC/AICTE norms.

#### **I. ACADEMIC RESEARCH POLICY:**

- a) All eligible faculties shall register for doctoral program within 3 years of their appointment.
- b) Faculties of each department are encouraged to publish research papers in reputed journals.
- c) Faculty publication in either WEB of science or SCOPUS indexed journals are appreciated with appropriate incentives.
- d) All Doctorates shall publish minimum of 2 Scopus / Web of Science papers per year for their academic and professional growth.
- e) All eligible Faculty shall publish at least one article per year in either WEB of science or SCOPUS indexed journals

#### **II. FUNDED RESEARCH POLICIES:**

- a) Every doctorate shall apply for a minimum of one funded project.
- b) All the departments shall strive for recognition by National/International agencies through schemes such as DST-FIST, SAP, CAS, ISRO, DRDO etc.,
- c) Faculty members are encouraged to have inter-disciplinary approach in their chosen field of research.
- d) The faculties of all the departments are advised to tie-up with industries and corporate bodies to undertake funded research in emerging and industry relevant areas.
- f) The College shall create special research groups to concentrate research in emerging technologies.

#### **III. EXTENSION RESEARCH ACTIVITIES**

- a) Eminent and enterprising professionals from the industry are invited to take up joint resource projects with the college faculty.
- b) The faculties are encouraged to select society specific problems and conduct research and provide feasible solutions. Such research topics could include problems related to technical chronic diseases, women and child welfare and protection and health care etc.,
- c) The faculty shall visit at least one village in the neighbourhood, investigate the problems, find solutions and implement the same using technology expertise.

d) Students are encouraged to participate in the extension and outreach programs organized by the college.

e) The faculty members are permitted to act as resource persons in the events such as workshops and conferences conducted outside college.

#### **IV. CENTRERS of EXCELLENCE:**

a) The College shall develop excellence centers in the frontier areas of research which shall be open to faculty, students and industry persons to conduct research.

#### **V. CONSULTANCY:**

Consultancy is well recognized as an effective way to disseminate knowledge and make an early and direct impact on society.

However, the balance between consultancy and the traditional roles of the academic staff needs to be managed and the interests of the college must be protected.

(a) There should be demonstrable benefit to the college from the consultancy through income, enhanced reputation, and/or expanding the expertise of the staff member.

(b) The Consultancy must not be in conflict with college policies including those governing employment; such as the Code of Conduct Policy.

(c) The Consultancy must not be in conflict with the functions, objectives or interests of the college or damage the college's reputation.

(d) All Consultancies are required to include overheads.

(e) Staff members shall undertake external research activities authorized by the college.

#### **Vi) IPR**

The faculty members are encouraged for filing patents on their innovations