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## **CURRENT RESPONSIBILITY :**

- Heading the operations in the capacity of Principal Executive of CIPET (28 Centres) across the country attaining its objectives as well as maintaining high standards of excellence in Technical consultancy, Applied research and Academic programme in all disciplines of Polymer Science and Technology.
- Conceiving, leading and managing research programme, supervising Research professionals and documenting research results.
- Identifying the requirements and initiating novel approach to design multidisciplinary Academic programmes.
- Skill development through industry collaboration and obtaining funding and research programme support from multiple internal / external sources.
- Preparing the plans & budgets, identifying & administering the resources and managing cost & contribution.
- Leading team members and developing their technical & behavioral skills.

## **ACADEMIC ACCOMPLISHMENT :**

- Resource development in educational thrusts, development of student design skills in capstone courses, integration of research into teaching program and use of real examples to illustrate the best professional practice.
- Attained professional qualifications to develop skills pertaining to quality management system, ensure cordial customer relationship, standardization methods and computer proficiency that needs to create an updated environment for smooth functioning of the organization.

## **RESEARCH ACCOMPLISHMENT :**

### **A. Areas of Expertise**

*Leading strong interdisciplinary applied research programme for the Indian Industries in the areas of Polymer Membranes & Sensors, Bio Polymer, Fuel Cell, E-waste Recycling, Nano-composites & Carbon Nanotubes, Polymer Blends & Alloys.*

- Principal Investigator for more than 100 Sponsored Research Projects in the emerging area of Polymer Science & Technology.
- Supervisor for more than 50 Ph.D students and 80 M.Tech Projects in the broad area of Polymer Science, Engg. & Technology.

## **B. Publications**

- More than 450 Research papers, (300 refereed research publications in leading SCI International Journals and >150 research papers in International conference proceedings).
- Authored & Edited 20 nos. of Books / Book chapters in the broad area of Materials, Polymer Engineering & Science with major International Publishers like:
- Editor-in-Chief - International Journal of Plastic Technology (IJPT) co-published by M/s. Springer, Netherlands.
- 07 Patents, 20 Patent Designs and 12 pending published patents.

## **PROFESIONAL MEMBERSHIP / NOMINATION (*Selective*) :**

- Chairman - Plastics Sectional Committee, PCD 12, Bureau of Indian Standards (BIS), New Delhi.
- Chairman - Plastics Piping System Sectional Committee, CED-50, Bureau of Indian Standards (BIS), New Delhi.
- Member - Plastics Development Council (PDC) of DCPC, Govt. of India.
- Member - Steering Committee on National Policy on Petrochemicals, Govt. of India.
- Member - All India Plastics Manufacturers Association (AIPMA), Mumbai.
- Chairman - IPLEX Governing Council (Indian Plastics Exposition).
- Member - National Committee on Plasticulture Applications in Horticulture (NCPAH), Govt. of India.
- Member - ICPE Executive Committee, Mumbai.
- Member - Plastindia Foundation Governing Body.
- Member - Society of Plastics Engineers (SPE); Polymer Processing Society (PPS); Plastics and Rubber Institute (PRI), Indian Plastics Industries (IPI).
- Member - International Standard Organization (ISO) TC-61 (Plastic) & TC - 45 (Rubber).
- Lead Assessor & Expert for NABL.
- Member - Sectoral Innovative Council, DCPC, Govt. of India.
- Member - GC, Petrochemical Data Service (PDS).
- Chairman of Expert Committee for Biodegradable plastics, Ministry of Environment.