



**NRDC- IEST
INNOVATION FACILITATION CENTRE**

A collaborative approach of
National Research Development Corporation (NRDC)
An Enterprise of DSIR, Ministry of Science and Technology, Govt. of India
&
Indian Institute of Engineering Science and Technology, Shibpur



**INNOVATION :
PROMOTE, PROTECT & EXPLOIT**



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IFC : KEY FOCUS AREAS

Imbibing Culture of INNOVATION

Innovation is more than simply having a great idea. It involves developing and nurturing the idea and also collaborating together to bring the idea to light. Innovations – as results of research, lead to creation of new intellectual property that, in the era of knowledge economy, defines competitive advantage, drives strategy, and is a fundamental prerequisite for growth.

Protecting Intellectual Prowess - IPR

Intellectual property refers to creations of mind – this is intangible but similar to other tangible forms of assets which belong just to the owner and cannot lawfully be used by others without due permission. Intellectual Property, in knowledge society, assumes a key role in success and prosperity of individual, institution and nation as a whole. The property thus created through research and innovation calls for proper management in terms of their protection and exploitation.

Exploiting Innovation: ENTREPRENEURSHIP

Innovations, leading to creation of new intellectual knowledge, culminate in creation of new enterprises that takes the fruits of innovation to the larger benefit of the society. Such IP-driven entrepreneurship, besides creating new job opportunities, plays a critical role in economy, which is responsible for progress and growth and also, in turn, provides resources for further researches and newer innovations.

IEST-SHIBPUR

The pioneer in engineering education Bengal Engineering College- Shibpur, established in 1856, has its incarnation as 'Indian Institute of Engineering Science and Technology, Shibpur' (IEST-Shibpur) since March 2014 when it was declared as an Institute of National Importance through enactment in the Parliament of India. The Institute having served the nation for more than 150 years, in its present form as IEST, aims at integrating under-graduate, post-graduate and research in different branches of engineering and technology, basic and applied sciences, social and management sciences and other allied disciplines, science under the same umbrella. In this endeavour, besides teaching, the focus would also be on cutting-edge research, leading to innovations and thus contributing to intellectual assets of the nation.

NRDC

National Research Development Corporation (NRDC) - an enterprise of DSIR, Ministry of Science and Technology, Govt. of India, has its mandate to facilitate transfer of knowledge. NRDC aims to promote, develop and commercialise the technologies/ know-how/ inventions/ patents/ processes emanating from various national R&D institutions/ Universities. NRDC supports setting up of Innovation Facilitation Centre (IFC) in premier educational institutions to promote innovation activities, management of intellectual property and development of entrepreneurship.

**NRDC-IEST
INNOVATION FACILITATION CENTRE (IFC)**

Innovation Facilitation Centre is a collaborative approach of NRDC and IEST, Shibpur, set at the institute premises where innovation activities would be promoted among the students, researchers and faculty. The centre would facilitate effective management of Intellectual Property, and subsequently the transfer of the IP to the industry and entrepreneurs.

The network of Corporation with the local, regional and global industries and entrepreneurs would facilitate the faculty, students and researchers to market their innovative research work and reap the benefits of commercial success.

IFC : MISSION

To develop an ambience of prudent IP practices with a formal supporting framework also to promote IPR culture compatible with the educational mission of a research-focused Institute.

SUPPORTING SET-UPS IN IEST

- Research and Consultancy Cell
- Industry-Institute Partnership Cell (IIPC)
- IPR Cell
- Entrepreneurship Development cell
- Tagore Centre for Green Technology Business Incubation



IFC : ACTIVITIES CONTEMPLATED

- Organising Sensitisation / Awareness Programme (Seminar, Workshop, Brainstorming, Expert Lectures) on Innovation, IPR and Techno-Entrepreneurship
- Stimulating IP driven innovative research and techno-entrepreneurship
- Facilitating IP Protection (Patent Search, Legal Counselling, Drafting Applications etc.)
- Mentorship and value-added Consultation Assistance on Innovation and IP Management
- Facilitating Technology Commercialisation with support from NRDC
- Celebrating International IPR Day
- Formulation of a draft IPR Policy, Protocol and Guidelines for the Institute
- Support for participation in related conferences, workshops and training programme
- Study-based activities and Research on the areas of Innovation, IP and Entrepreneurship
- Students, activities and Competition on Innovation and IP driven Business Plan
- Publication of e-bulletin on Innovation, IPR and Entrepreneurship
- Conducting Outreach Programme
- Creating an repository of the useful literature, journals and publications on IPR