




VISTAS Ecosystem for Innovation

VISTAS is one among the pioneering institutes supporting innovation through research in the Multi-disciplinary approach. VISTAS have created an appropriate ecosystem for Research and Innovation by establishing Center for advanced Research and Development (CARD), Central Instrumentation Facility and Incubation Center. The VISTAS's Board of Management (BOM) has approved a budget of Rs. 236 lakhs towards seed funding for the past five years.

CARD has been established to promote research among faculty members, research scholars and students. The primary objective of the CARD is to create research culture among the stake holders. A strong contingent of 45 persons belonging to all the above disciplines is devoting full time on Research and Development. The team is working on Wind and Solar Energy, Environmental Engineering, Alternative fuel, Nanotechnology, Plant tissue culture, Animal biotechnology, Fish immunology, Stem cell research, Drug designing and Testing, Digital Innovations, Big data and Virtualization etc. CARD has undertaken various R&D Funding Projects from Government and Non Government agencies worth Rs 5 Crores for the last five years.

The Central Instrumentation Facility is an integrated sophisticated analytical equipment center worth Rs 10 Crores established in 2017 to help scientific community for their advanced research. Currently the center is housed with the state of the art Equipment Facilities like Field Emission Scanning Electron Microscope (Qattro ESEM) with ultra high resolution, X Ray diffraction, BET Surface Area and Pore Size Analyzer, Particle size Analyzer and HP TLC analyzer.


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Currently the Central Instrumentation Lab offers Consultancy services for both academic and Industrial communities in solving the challenging Scientific and Industrial Tasks. VISTAS has established an Incubation centre. The aim of the centre is to focus on innovation, incubation, entrepreneurship, Start-Ups and commercial success. The centre is facilitated with unlimited internet connectivity, product development consultancy, IP rights & licensing methodology. An exclusive start up Student lounge at 540sqft and Skill development centre at 1400 sqft was established.

An “ATM Autocontroller” machine innovated by the Incubation center has been installed in ATMs of SBI & Indian Bank and extended to save energy in VISTAS campus also. A “cyber security” product development and commercialization has been initiated. Similar activities in developing products for IoT in health care, IoT for Road safety and Agriculture are in pipeline. We have a strong TNSCST approved IPR Cell and it has organized several seminars and workshops for the faculty and students to sensitize them to go for patenting of their innovations. The procedures for patenting have been explained to the participants by the experts and IPR attorneys. This has resulted in the filing of 100 patents. As a part of research VISTAS has 830 Part Time and Full time Research Scholars and Nearly 256 PhD and 366 M Phil completed their research in the past 5 years. Board of Research meets periodically and monitors the process of Research efficiently.



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