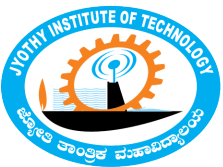




SRI SHARADA PEETHAM SRINGERI



CET CODE E209
COMEDK CODE E156



JYOTHY INSTITUTE OF TECHNOLOGY

www.jyothyit.ac.in

ABOUT US

Dedicated to Sri Sharada Peetham and the Ubhay Jagadgurus of Sringeri

Jyothy Institute of Technology is affiliated to Visvesvaraya Technological University and approved by AICTE having been established in the year 2011 by Dr. B.N.V Subrahmanya, a visionary par excellence and philanthropist who subsequently bequeathed the institution to Sri Sharada Peetham, Sringeri. The institution stands as a testimony to the memory of his late daughter Ms. Jyothy who had an untimely demise at a very young age.

Under the tutelage of Sri Sharada Peetham and governed through a governing council of highly eminent professionals from IISc, IIT, IIM, ISB and Industry, JIT has transformed with a promise of ushering a new philosophy by bringing, for the first time on the same platform, diverse components of science, engineering, business orientation and skill development with emphasis on innovation, incubation & research, leading to successful entrepreneurship. An understanding of all these three aspects thus forms the core of academic & research erudition at JIT and market research, alongside business planning, forms the basis of the enterprise component. The essential outcome of any academic pursuit, apart from imparting knowledge, should be to enable scholars to become readily employable or create their own industry, firm or enterprise. Hence, a state of the art research centre (CIIRC) and an incubation centre (AIC-JITF) have been established to nurture and hone the skills of budding scholars, researchers and entrepreneurs.

JIT offers Bachelor of Engineering programmes in 6 disciplines with the programmes being accredited by NBA.

- Artificial Intelligence & Machine Learning
- Computer Science Engineering
- Civil Engineering
- Information Science Engineering
- Mechanical Engineering
- Electronics & Communication Engineering

Besides this the institution also offers Masters in Civil and Data Science and Doctoral programmes in 12 domains being a recognized R&D Centre of Visvesvaraya Technological University (VTU) with an overall scholar strength of 1800 + on campus.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

RECOGNIZED RESEARCH CENTRES

01 PHYSICS

02 CHEMISTRY

03 MATHEMATICS

04 BIOTECHNOLOGY

05 FOOD TECHNOLOGY

06 MATERIAL SCIENCE & ENGINEERING

VTU
12
RESEARCH
CENTRES

07 MECHANICAL ENGG

08 ELECTRONICS & COMMUNICATION ENGG

09 COMPUTER SCIENCE & INFORMATION SCIENCE ENGG

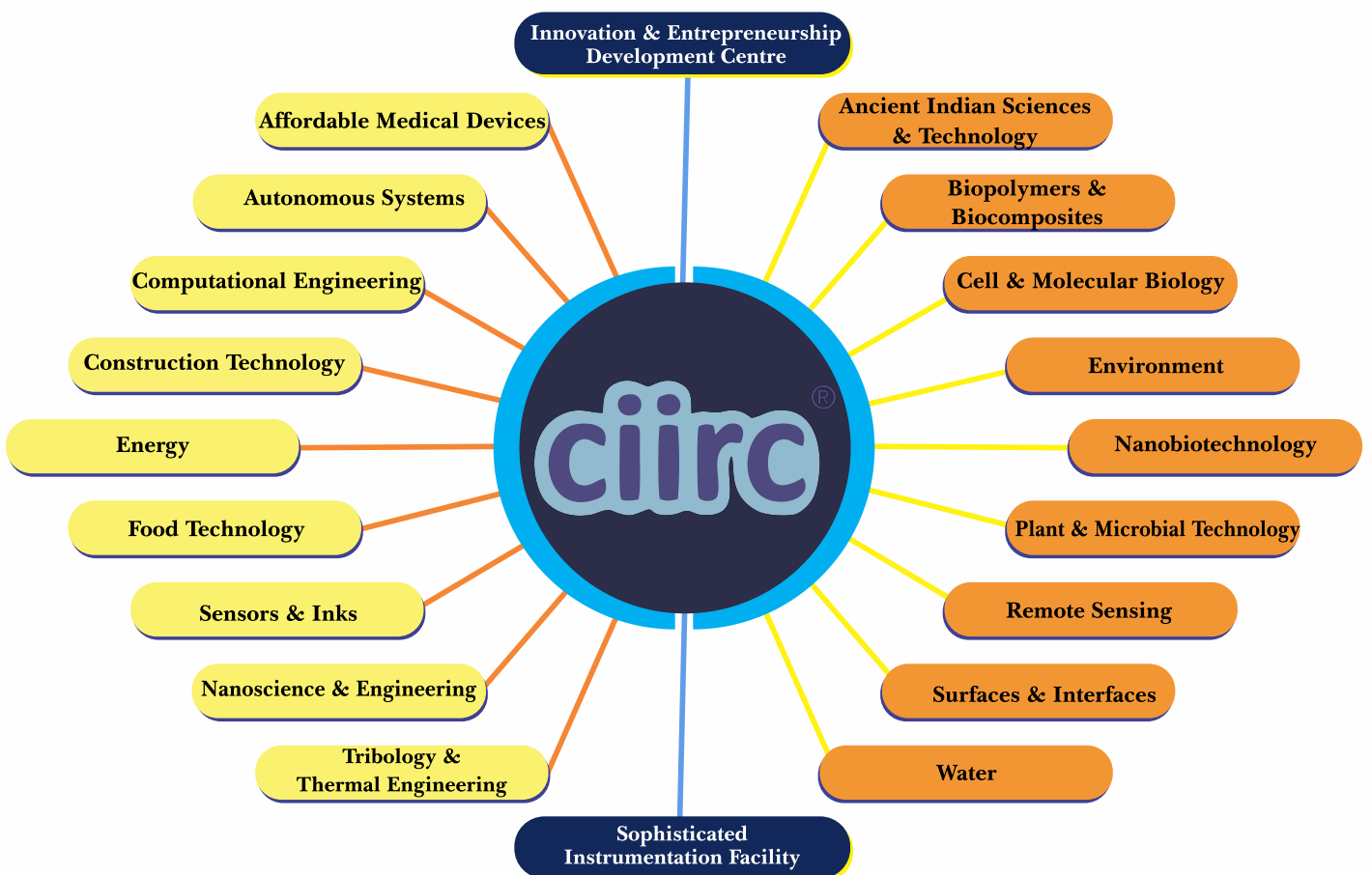
10 CIVIL ENGINEERING

11 NANOSCIENCE & NANOTECHNOLOGY

12 POLYMER SCIENCE & TECHNOLOGY

The institution has a dedicated team of teaching and research staff with 60 doctorates and 73 masters who are alumni of premier institutes such as IISc, IIT, NIT, Central, State and Foreign Universities.

The institution has also established an exclusive multidisciplinary R&D Centre CIIRC with research and innovation labs spread over 50000 Sq.ft at a cost of 50 Crores funded by Sri Sharada Peetham, Sringeri in 18 areas of S&T alongside a dedicated Sophisticated Instrument Facility housing instruments such as SEM, XRD, GC, FT-IR, DSC, TGA, Raman Spectrometer, PSA, BET and a host of other equipment. Students in house and from outside have the benefit of utilizing these facilities for carrying out their projects and internships. CIIRC is also recognized as a Scientific and Industrial Research Organization (SIRO) by DSIR, GoI.

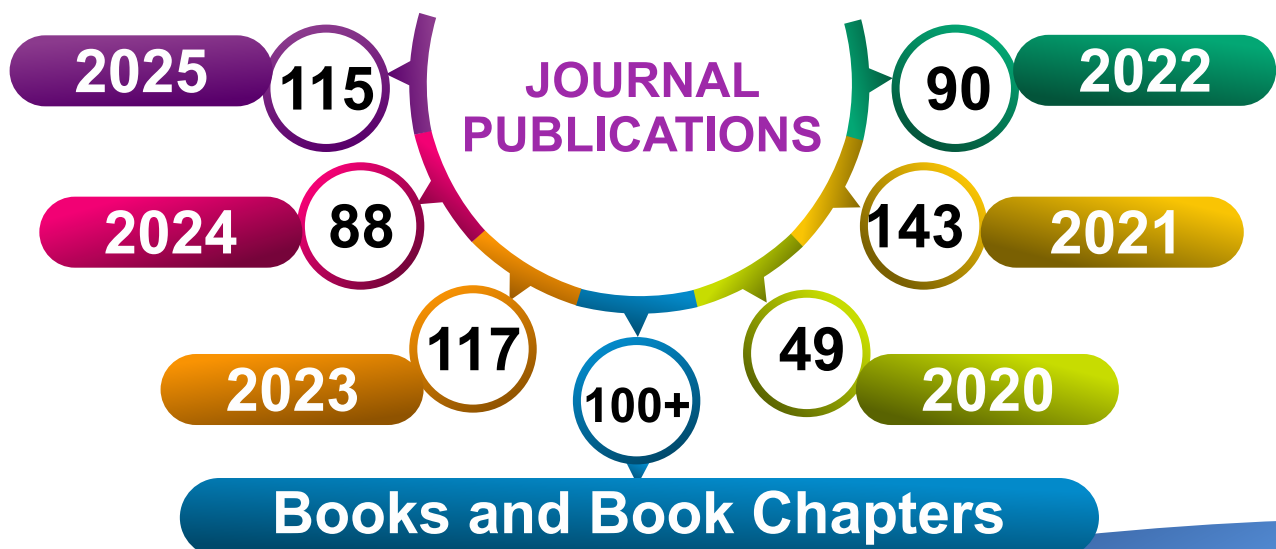


FUNDED PROJECTS

The institution has also undertaken more than 100 projects funded by both government and private agencies which includes bilateral projects with France, Sweden, Belarus, ASEAN, Egypt and many corporates.



In terms of its Publication record the institute has significant number of publications in peer reviewed National and International Journals indexed in Scopus/Web of Science, Thomson Reuters etc., with high Impact factor, h, i10 index, besides a no of books and book chapters published by major publishing houses such as Springer, Elsevier, Macmillan and others.



MOU'S

The institution also offers technical and consultancy services to various organizations. In terms of collaborations the institute has numerous R&D, Industrial, International and academic MOU's.

Industrial Collaborations (Select)

- ◆ Tata Advanced Systems Ltd
- ◆ TE Connectivity India Pvt. Ltd
- ◆ Dhruva Space Pvt. Ltd
- ◆ Prayoga Institute of Education Research
- ◆ Resil
- ◆ Social Alpha
- ◆ Core Sharada Team Foundation
- ◆ Vertex Research and Education
- ◆ CVISION
- ◆ Centre for Cellular and Molecular Platform

International Collaborations (Select)

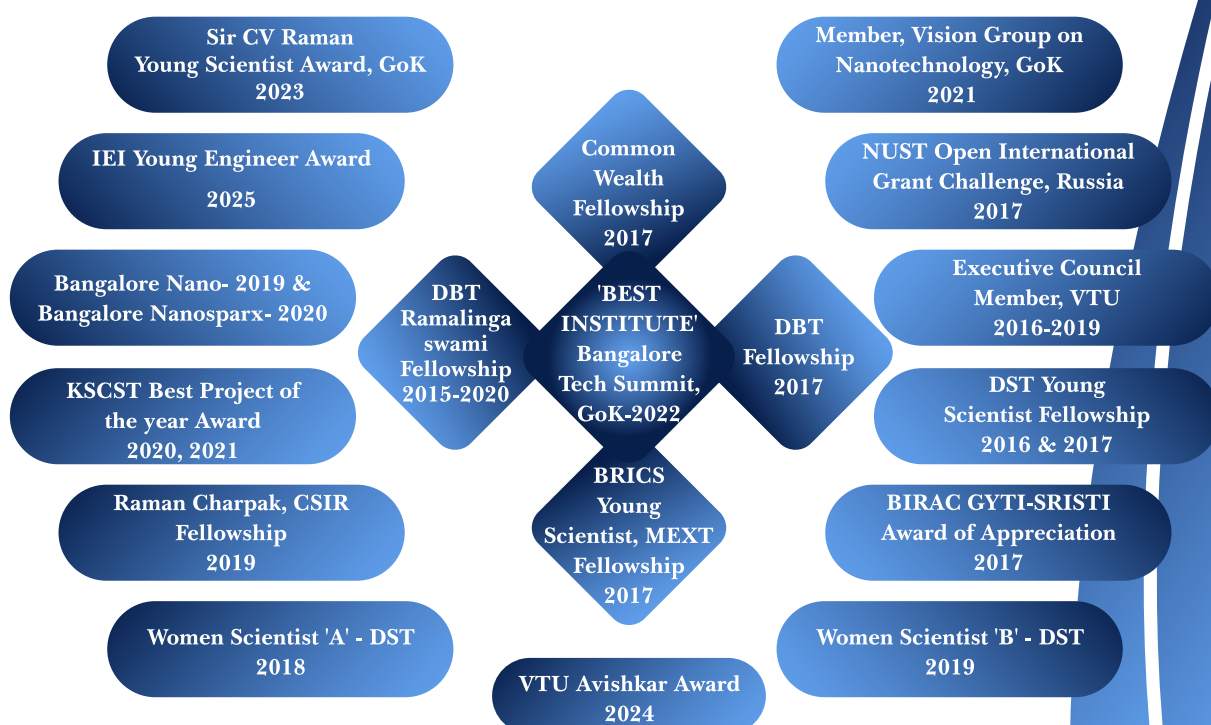
- ◆ P N Lebedev Physical Institute of Russian Academy of Sciences, Russia
- ◆ National University of Science and Technology, MISIS, Moscow, Russia
- ◆ Zhejiang Sci-Tech University, PR China
- ◆ LE System Co. Ltd., Japan
- ◆ College of Tunghai University, Taiwan
- ◆ International Academic Agreement – Escola Politecnica Da Universidade De Sao Paulo
- ◆ Arkaya Energy Limited

Research & Academic Collaborations (Select)

- ◆ Tata Autocomp Systems Ltd
- ◆ SAC, Indian Space Research Organization, Ahmedabad
- ◆ AYUSH
- ◆ Manipal University, Jaipur
- ◆ Vellore Institute of Technology, Chennai Campus
- ◆ The Oxford College of Science
- ◆ Acharya & BM Reddy College of Pharmacy (ABMRCP)
- ◆ Carmel Incubator Foundation (CIF), Mount Carmel College, Autonomous

AWARDS & FELLOWSHIPS

The faculty of the institute have been conferred with various awards, fellowships and recognitions



SALIENT ACHIEVEMENTS

- ◆ Hosting ISRO satellite receiver for data collection pertaining to IRNSS satellite.
- ◆ Leading the 4th Indian Scientific expedition to the North Pole (Arctic) for mapping arctic glaciers in 2019 and thus by becoming the first Indians to fly drones in the arctic.
- ◆ Winning Bangalore Nano 2018 for the most innovative products and Nano Sparx in 2020
- ◆ Being the Pace setting car at the Asia Pacific and Coffee-500 rally running cars on biodiesel made from waste cooking oil in 2017.
- ◆ Embarking on scientific expeditions to the South Pole (Antarctica) from 2020-2024 duly supported by MOES, GoI and much more.
- ◆ Start-up Mati Carbon Won the Elon Musk 'X' Prize 50 Million USD (Rs. 400 Crore INR)

The institute has developed more than 200+ products many of which are commercialized through the start-ups.

PRODUCTS & TECHNOLOGIES



Nuvoheal C- Wound Cream



Nuvopipera Pepper Extract



Nuvoheal B- Herbal Burn Spray



Serilip Serikream, Silk Pack



Nuvoharidra Turmeric Concentrate



Arecasanjeevani



Coffee cubes



Nuvoimmuno Health Drink



Dezinfecta- Fruit & Vegetable Wash



Sasya Sanjeevani



NuvoStat Haemostatic Sponge



Gourmet Coffee



QuadCopter



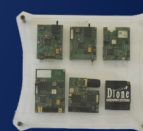
Data Acquisition Systems



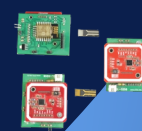
Juvenile Arthritis Machine (JAM)



Interactive IOT Devices for the Children with Juvenile Arthritis



AutoPilot



Food Sensor



Supercapacitors



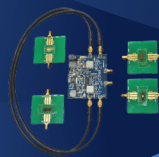
Embedded Dev Board



MEMS Dev Kit



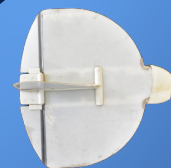
Radio Modem



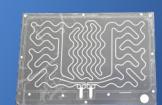
Saw MemS Sensor



Micro-Amphibian



3D printed MICAV



Flexible Electronic Ckts

Bio-products developed from Crop residues and Biomass



Millets and Nutraceutical Enriched Health Drinks



Nutrzy
Sugar Free



Nutrzy
Immunity Booster



Nutrzy
Badam



Nutrzy
Chocolate

EXPEDITIONS & FIELD VISITS



Antarctica

Himalayas

Arctic

RESEARCH LABS - SNAP SHOT



PLACEMENTS

Placements and Skill Enhancement form a core of the institutions activities. Domain specific training spread over 300 - 400 hrs is provided to all students that addresses aptitude, core and soft skills across semesters. Typical recruiters include Indian, MNC and overseas companies. To assist overseas placement opportunities the institute offers foreign language training through its World Language Club to interested students.

SKILL & CAREER ADVANCEMENT TRAINING

JIT offers skill training in the following verticals for 3rd/4th/5th/6th Sem Students:

Computer Science and Allied Domain: DSA, Data Science, C, C++, MERN, IoT, Amazon Web Service (AWS), Full Stack, Android, Python.

Electronics Engg Domain: VLSI, IoT, Embedded Systems.

Civil Engg Domain: Design of Structures, e-Tabs, Auto CAD, Autodesk Revit, Primavera P6.

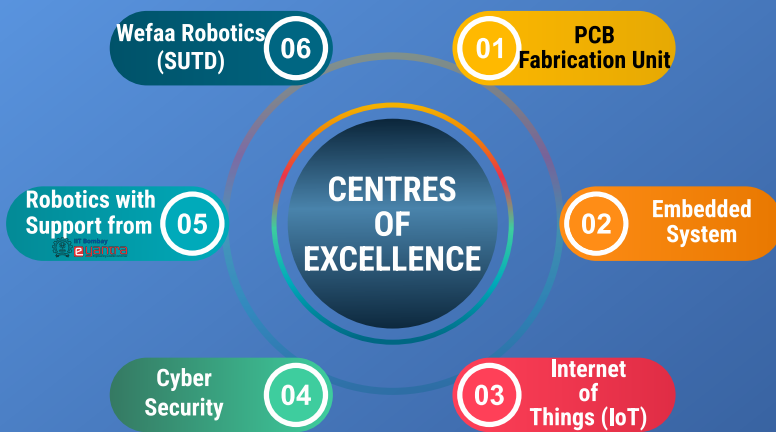
Mech Engg Domain: SolidWorks, Auto CAD, FEM.

Common to all Branches of Engineering: Aptitude & Soft Skills- QA, VA, LR, Interview Skills, Mock Interviews, GD, Presentations, Mini Projects.

To enhance the quality of erudition JIT also has in place an Outbound Activity initiative wherein the students are taken through various activities such as trekking, bouldering, rafting etc which helps in developing leadership and organizational skill sets.



CENTRES OF EXCELLENCE



STUDENT STARTUPS (SELECT)

- 01 3DR AXIS LABS
- 02 EthiReal Technologies Pvt. Ltd.
- 03 Florito Pvt. Ltd.
- 04 Bluetick Innovation
- 05 Sant India Pvt. Ltd.

VTU UNIVERSITY RANK HOLDERS - 2025



SCHOLARSHIPS

Many needy students are supported for their academic advancements through a variety of bursary grants from foundations such as Dr. BNV Memorial Merit Scholarship, Leela Poonawala NGO, IEEE- Deutsche Bank- Smile NGO, Reliance etc, besides scholarships from governmental agencies of the likes of SSP, PMSSS and others.

GRANT SUPPORT

The institute also supports the students and staff with grants for filing patents, attending conferences, publishing research articles and initiating start-ups.

Rocket Genie, India, ₹15 LPA, 2026

Komatsu, Japan, ₹ 21 LPA, 2025

Honda, Japan, ₹35.96 LPA, 2024

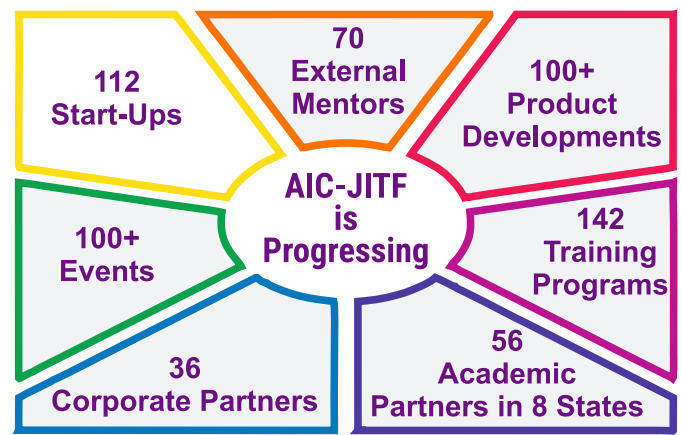


ATAL INCUBATION CENTRE
JYOTHY INSTITUTE OF
TECHNOLOGY FOUNDATION
(Supported by Atal Innovation Mission, NITI Aayog Govt. of India)

The Institution also hosts an Atal Incubation Centre (AIC-JITF) funded by NITI Aayog, GoI spread over 30000 sq.ft and developed at a cost of 15 Crores to support entrepreneurial activities. The incubator has incubated 100+ start-ups who have developed close to 100 products of relevance to society with a valuation of over 250 crores. The focus areas of the incubator being Food Technology, Materials, Sensors & Devices. The incubator also supports a number of ATL's in different regions.



AIC-JITF INCUBATEES



FUNDING AGENCIES



SPORTS

Sports empowerment is a key initiative at JIT. The institute focuses on arranging specialized training to talented students at third party sports facilities and supports students to participate in various sporting events at all levels.

To foster the spirit of oneness and serving the nation the institute has established the NCC and NSS units. Students of the institute participating in various sports events have registered podium finishes year after year.



OUTREACH

In terms of its outreach activities the institute has adopted the local village Tataguni and helps to serve them through various means. The institution has also been part of the Unnat Bharath Abhiyan (UBA) and is also involved in the Swacch Bharath Abhiyan campaigns. JIT also provides dormitory facilities for both boys and girls separately with high quality nutritious culinary alongside excellent transport facilities for day scholars.

GREEN CAMPUS INITIATIVES: The campus is a green campus and has solar power generating capacity of Half Megawatt with the current generation being pegged at 350 kW. JIT also has a Rain Water Harvesting Unit and STP





Scientific and Industrial Research Organization, Recognized by Department of Scientific and Industrial Research, Government of India.

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*(Supported by Atal Innovation Mission
NITI Aayog, Govt. of India)*

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