

ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
(A STATE UNIVERSITY OF GOVERNMENT OF KARNATAKA ESTABLISHED AS PER THE VTU ACT, 1994)
JNANA SANGAMA, BELAGAVI-18, KARNATAKA, INDIA

# SKILL DEVELOPMENT







**BROCHURE** 

2025-26



### **About VTU**

# Ministry of Education (MoE) and National Institutional Ranking Framework (NIRF) in 2024





















GOLD - OUTSTANDING TECH VISIONARY VICE-CHANCELLOR
GOLD - OUTSTANDING TECH-DRIVEN ENGINEERING UNIVERSITY
SILVER - OUTSTANDING IN ADOPTING NEP STRATEGIES
SILVER - EXCELLENCE IN TECH-DRIVEN INDUSTRY-ACADEMIA PARTNERSHIPS
BRONZE - EXCELLENCE IN DIGITAL LIBRARY SERVICES







India



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2025

Visvesvaraya Technological University (VTU) stands as one of India's premier technological institutions, boasting 25 years of tradition in excellence within engineering, technical, and management education, as well as research and innovation. Established in 1998, the university was created to address the demands of Indian industries for skilled technical personnel equipped with both practical experience and sound theoretical knowledge. VTU is headquartered in Belagavi, Karnataka, and operates in four regional offices in Bengaluru, Mysuru, Kalaburagi, and Belagavi along with 2 Skill Development Centers in Talakal in Koppal, Choranhalli in Mysuru, National Academy of Skill Development in Dandeli in Uttar Kannada and Visvesvaraya Institute of Advance Studies at Muddenahalli. Two Constituent colleges each in Davanagere and Chinthamani in Chikkabellapur District.

Currently, the university comprises 210 affiliated colleges, offering undergraduate programs across 37 disciplines, postgraduate programs in 96 areas, and Ph.D. and M.Sc. (Engg.) research programs across seven faculties, serving over 300,000 engineering students enrolled in various affiliated institutions.

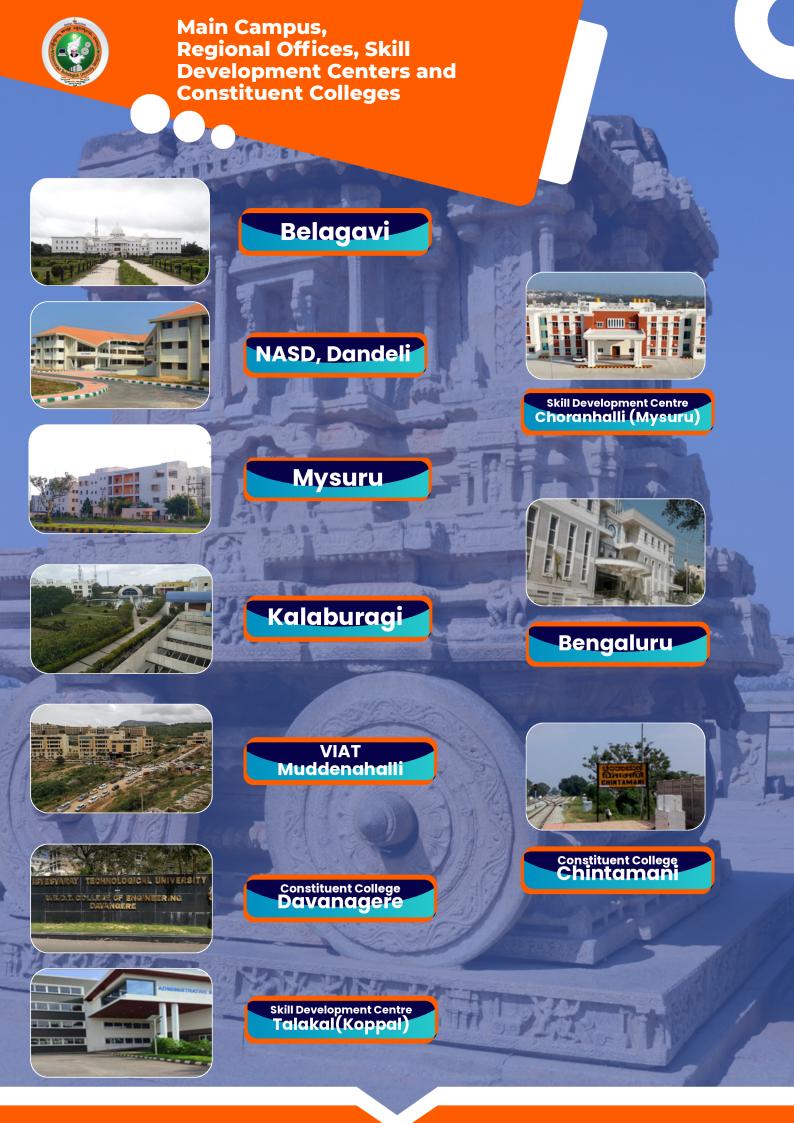
VTU recognizes that the landscape of higher education is highly dynamic and presents both challenges and opportunities. As such, it consistently endeavors to strategically position itself within emerging platforms for idea generation and the creation of pragmatic knowledge, skills, and competencies.

The university is committed to benchmarking its standards against global norms while remaining firmly rooted in local contexts. As a leading technical university, VTU serves as a beacon, with a strong emphasis on academic and research excellence in technical and management education. Quality remains a cornerstone of all its initiatives.

The diverse course curricula, tailored to industry needs and crafted by experts, are intended to foster innovation and creativity. Democratic governance models promote dialogue and resilience, facilitating sound policy and strategy formulation throughout the organization. VTU has established numerous national and international partnerships through key Memoranda of Understanding (MOUs) to explore various frontiers of knowledge.

The university's robust centers of excellence across different disciplines, along with accolades from national and international agencies, and a distinguished global alumni network, reflect its remarkable growth and development. Noteworthy innovations include the digitization of examination systems, e-office management, and centers of excellence in niche areas such as biofuels, nanotechnology, and skill development. Additionally, state-of-the-art facilities, including advanced computer labs and CNC machine workshops, enhance the teaching and learning environment.

VTU is dedicated to driving a transformative educational experience, committed to inspiring learners and cultivating problem solvers in service to humanity.



# Skill Development at VTU

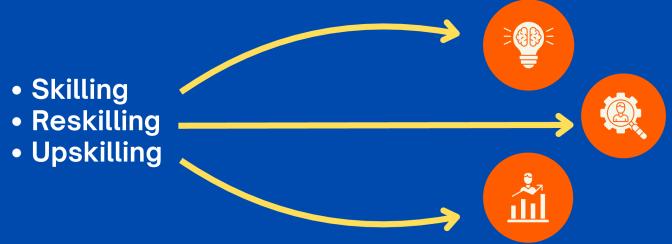
Technology is the application of scientific knowledge to the challenges posed by industry and human life. The changing technological landscape has significant implications on careers, industries, and professions.

VTU's **Skill Development Centers (SDC)** provide students, faculties and general masses with opportunities to develop skills that align with industry demands. The centers offer platforms for learning new technologies through research, consultancy, or training. Students are prepared for specific job roles, while faculty are empowered with updated knowledge to impart value-added education.

VTU as a significant Training Partner and Training Center of NSDC/KSDC/Govt. of India/Govt. of Karnataka etc. imparts basic **Skilling** to General Masses and Unemployed youth for a better Future.

Through **re-skilling**, VTU ensures students acquire skills beyond their current capabilities, making them more competitive in the job market.

**Up-skilling** initiatives provide advanced knowledge through collaborations with industry, enhancing both the students' and faculties' proficiency.





## **VTU-SDCs**























VTU-Official TP & TC (Training Partner & Training Centre)



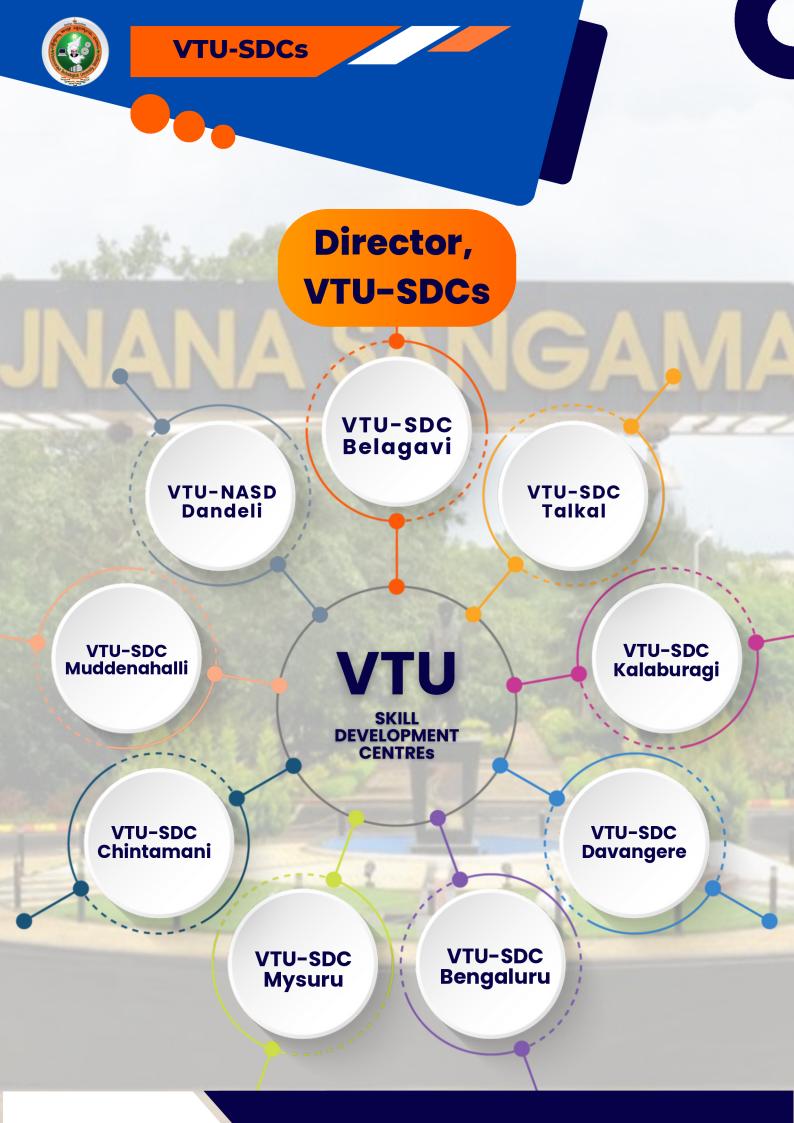




VTU has established SDCs across its various campuses. Each center focuses on holistic skill development for students, faculty, industry professionals, and beneficiaries from General Masses. Skill Development training under various initiatives of NSDC, KSDC and other such entities is imparted.

Apart from the above, Our Centers provide various internships and Trainings, mentioned below.

- Belagavi (Head Office) provides internships and training in VLSI Design, Embedded Systems, Remote Sensing, CNC operations, and IT Infrastructure.
- Kalaburagi offers courses in Supply Chain Management,
   Digital Factories, and Manufacturing Operations.
- Mysuru focuses on Automation Technologies, providing hands-on training, internships, and certification courses.
- Muddenahalli offers training in Nano-Science and Technology, with a focus on innovation and research.
- UBDTCE, Davanagere specializes in Automation Technologies, CNC, Mechatronics, Hydraulics, and Robotics.
- Talakal collaborates with GTTC to offer training for diploma and graduate engineering students.
- National Academy of Skill Development (NASD) in Dandeli provides short-term courses in CNC operations, hands-on training for CMKVY, and courses aligned with NSQF.



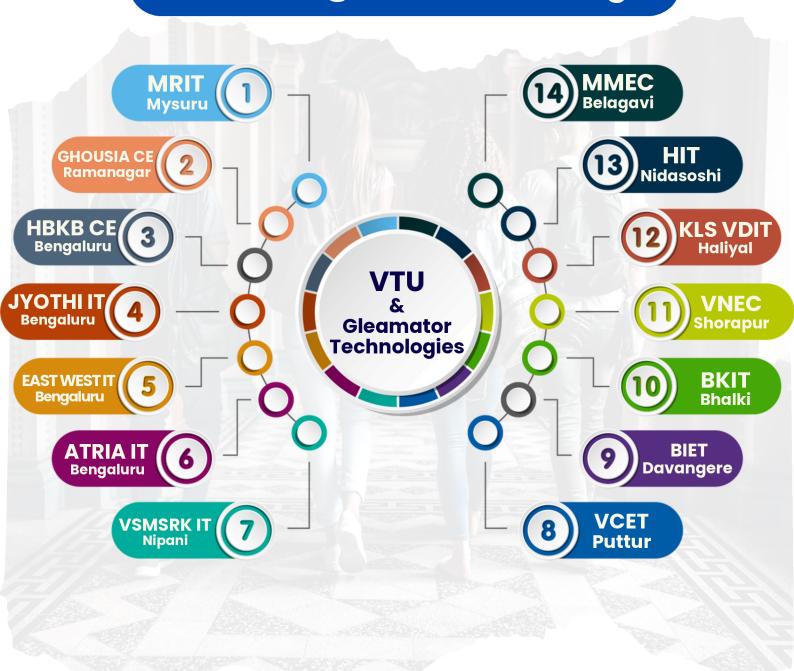
# Achievements of VTU-SDCs in Skill Development

- A Total of 50 VTU SDCs in VTU campuses and Affiliated Colleges
- Top 3rd best performer in PAN-India PM Vishwakarma Yojana in 2024
- More than 10,000 candidates trained so far
- NSDC funded Internships for 18000 final year engineering students of VTU (Batch of 2021)
- 150 NSDC Skill Hubs established across Karnataka in VTU affiliated colleges & Plans to extend to many affiliated colleges across Karnataka
- More than 15 Centers of Excellence in VTU campuses across
   Karnataka
- A major Official Training Partner & Centre of NSDC, KSDC, Govt. of India & Govt. of Karnataka

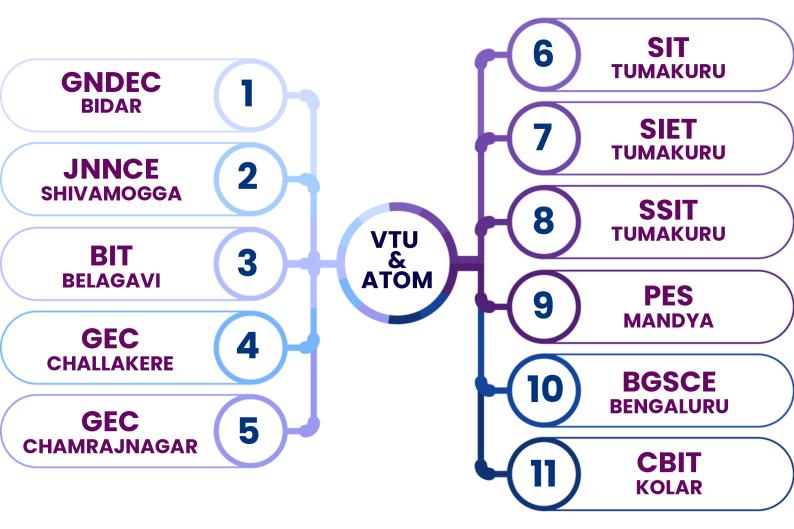




# VTU-SDCs @Affiliated Colleges







VTU-SDCs @Affiliated Colleges

VTU has established several Centres of Excellence (CoEs) to foster innovation, research, and advanced skill development. These centers are set up in collaboration with industry leaders, such as Bosch in Mysuru for automation technologies, KIADB in Kalaburagi for manufacturing and operations, Aerospace Defence in Bengaluru for cutting-edge aerospace research, and Eduphygital by Medini Technologies, which supports advanced digital education in all VTU skill development centers. These CoEs aim to bridge the gap between academic learning and industry requirements, enhancing both the employability of students and the capabilities of faculty.







### **Robotics and Automation**

TIOT Systems Pvt. Ltd., Bhilai, Chattisgarh

BELAGAN



Trendsetters Info Services, New Delhi



### **Cadence Software-ECE**

Entuple Tech. Pvt. Ltd., Bengaluru



### **Proteus VSN Simulation Software**

Cybermotion Tech.Pvt.Ltd., Hyderabad



Schneider-Building Safety Automation System

Delfoi Tanoti Tech.Pvt.Ltd., Bengaluru

Proteus VSN Simulation Software Cybermotion Tech.Pvt.Ltd., Hyderabad

**MYSURU** 



**KALABURAGI** 





### **Robotics and Automation**

TIOT Systems Pvt. Ltd., Bhilai, Chattisgarh

Flight Simulator-Aerospall



**TBA** 

Software Design-SDR-Based Next Generation



**Proteus VSN Simulation Software** 



Cybermotion Tech. Pvt. Ltd., Hyderabad

a. EEG Head Band & EEG Head Phones-ECE



ITIE Knowledge Solutions Bengaluru

b. Brain Computer Interface With Virtual Reality



ITIE Knowledge Solutions Bengaluru

c. Portable EEG Device



ITIE Knowledge Solutions Bengaluru

d. Multi Parameters Data Acquisition System



ITIE Knowledge Solutions Bengaluru

MUDENAHPLI

- VTU aims to enhance skill training by embedding value education within its academic programs.
- Plans to extend skill development initiatives to affiliated colleges.
- Collaborations with industries to improve employability and placement opportunities for students.
- Future Centers of Excellence are being planned in:
  - Bengaluru
  - Mysuru
  - Muddenahalli
  - Kalaburagi
  - Dandeli
- Expansion of VTU's impact on skill development, both domestically and internationally.







DR. T N SREENIVASA REGISTRAR (EVALUATION), VTU



**DR. S. VIDYASHANKAR** *VICE-CHANCELLOR, VTU* 



DR. SANDHYA R. ANVEKAR
DIRECTOR, VTU-SDCs



DR. B.E. RANGASWAMY
REGISTRAR, VTU

# **Director**

Dr. Sandhya R. Anvekar

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