



**VIT**<sup>®</sup>  
**Vellore Institute of Technology**  
(Deemed to be University under section 3 of UGC Act, 1956)

# **SCHOOL OF CHEMICAL ENGINEERING**

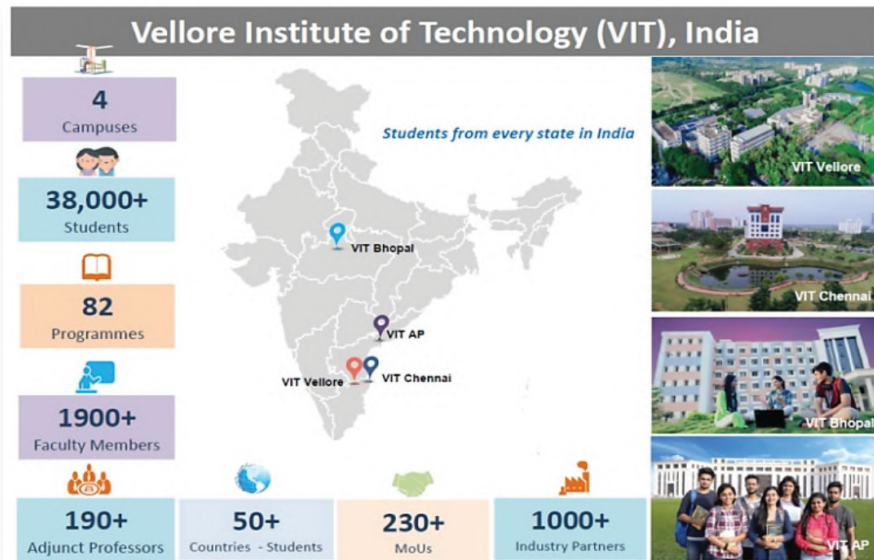
## **VELLORE INSTITUTE OF TECHNOLOGY**

### **VELLORE**

[www.vit.ac.in/schools/scheme](http://www.vit.ac.in/schools/scheme)  
[dean.scheme@vit.ac.in](mailto:dean.scheme@vit.ac.in)  
**0416 - 2202671**

**VIT - A place to learn, A chance to grow**

## VIT Campuses



## Strengths of SCHEME in VIT

- Sophisticated Laboratories - 8+ Labs and 1 Research lab.
- Faculty expertise and unique research facilities in Niche, Interdisciplinary and Futuristic technologies.
- Innovative curriculum, project based learning, Student and faculty exchange with international universities.
- Core and Dream Company Placements.
- Opportunities for Higher Education at Abroad.
- MoUs with Universities abroad.
- Significant research funding from Erasmus +, DST, Indo-Japan, BRICS, Indo-UK.
- The school has clubs and chapters of professional bodies like AICHE, SPE & IICHE.



# Opportunity for Capacity Building towards Technical Expedite

- Value Added Programmes in emerging fields.
- Industrial Visits to explore the industry needs.
- Hackathon events to explore the technical skills and knowledge.
- Invited Talks by Experts from Academia, R&D Labs and Industries from National and International levels.
- Practical exposure in the form of Internship / Capstone project / Field visit.

## Major Strength of SCHEME

- Curriculum on par with International standards.
- Committed faculty members in diversified fields.
- Sophisticated and Advanced lab facilities.
- Research focus on inter/trans-disciplinary fields.
- Fund generation through Sponsored research and Industrial Consultancy Projects.
- MoUs with Industries.
- MoUS with Elite Universities abroad to carry out International collaborative projects.
- Industry – Academia partnership programmes.



## Scope of Academic Prospects

- Outcome based education with integrated, modular and flexible curriculum structure. Fully flexible credit system / Choice based credit system and focus on New Education Policy.
- Minimum credit required for graduation 150 – 151 for the programme major and 160 – 162 for graduation with specialisation or minor in variety of disciplines. Option to choose the specialisation or minor will be available during the second year.
- Facilitating interdisciplinary learning through courses in basic sciences, mathematics, engineering sciences, humanities, social sciences and management.
- Inclusion of courses in emerging technologies.
- Introduction of project courses and reading course in programme electives, open electives and humanities, social sciences and management electives.
- Capability-linked academic flexibility as discipline specialisation or minor / interdisciplinary area specialization.
- Discipline-linked / inter-disciplinary project (3 credits) during the final year (seventh / eighth semester) and industry internship/ research internship / project (5 credits) during the final year (seventh / eighth semester).
- Opportunity for one semester-intensive internship for additional credits.

## Programmes Offered

**B. Tech**

**Chemical Engineering**

**Ph.D**

**Chemical Engineering**



## School Profile



25

Faculty Members



508

Students  
Undergraduate



18

Research Scholars



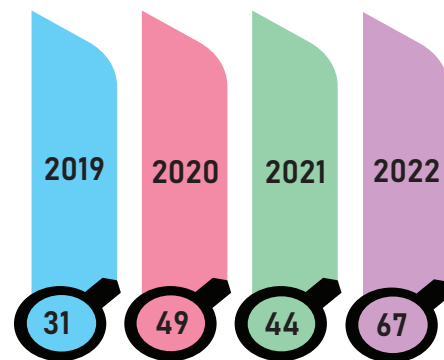
8 Million

Research Funding

## Adjunct Faculty



## Number of Publications



## Area of Expertise

- 01 Alternate Fuels
- 02 Simulation
- 03 Process Intensification
- 04 Industrial Ecology
- 05 Colloids & Polymers
- 06 Separation Technology

## School Activities



Teaching

Fundamental  
Applied Research

Industrial  
Collaboration

## Rankings



QS World Ranking:  
**301 - 350**

THE World University  
Rankings:  
**501 - 600**

INDIA - QS Ranking:  
**11**



## Publications by Undergraduate Students



## Higher Studies by our Students



## Distinguished Alumnus

### Dr. Ashish Priye

Assistant Professor  
CEAS - Chemical Engineering Cincinnati  
University of Cincinnati

### Mr. Sonu Kumar

Captain  
Jammu & Kashmir Light Infantry  
Indian Army

### Dr. Jason Ryan Picardo

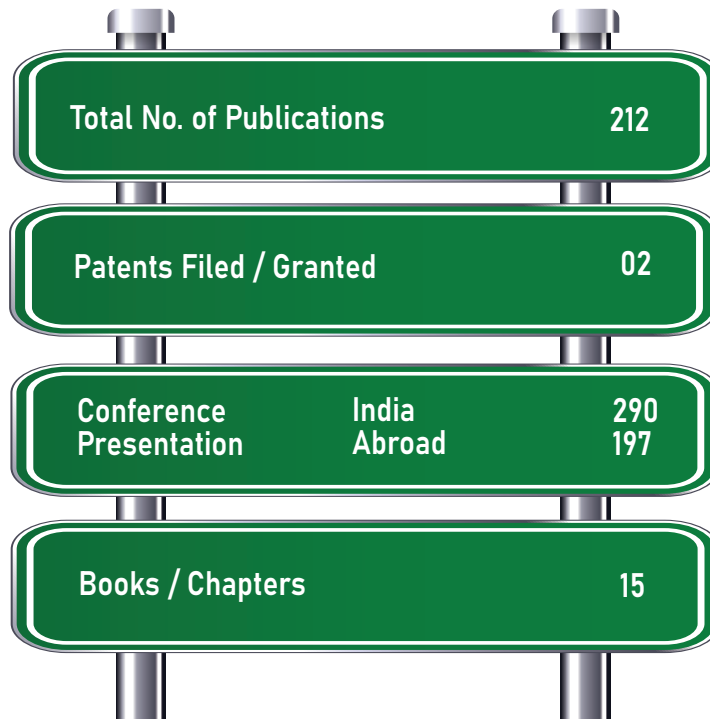
Assistant Professor  
Department of Chemical Engineering  
Indian Institute of Technology Bombay

### Mr. Palash Pandey

Founded RENAURA WELLNESS Pvt Ltd  
Product Company in 2016 under VIT-TBI Programme  
Outcome of Final Year Project



## Research Publications & Patents



## Current International Collaborations



Yokohama National University, Japan



National Kaohsiung University  
of Science and Technology, Taiwan



University of Manchester  
University of Leeds



University of Ulsan, South Korea



United Nations Industrial  
Development Organization, Vienna



## Photo Gallery



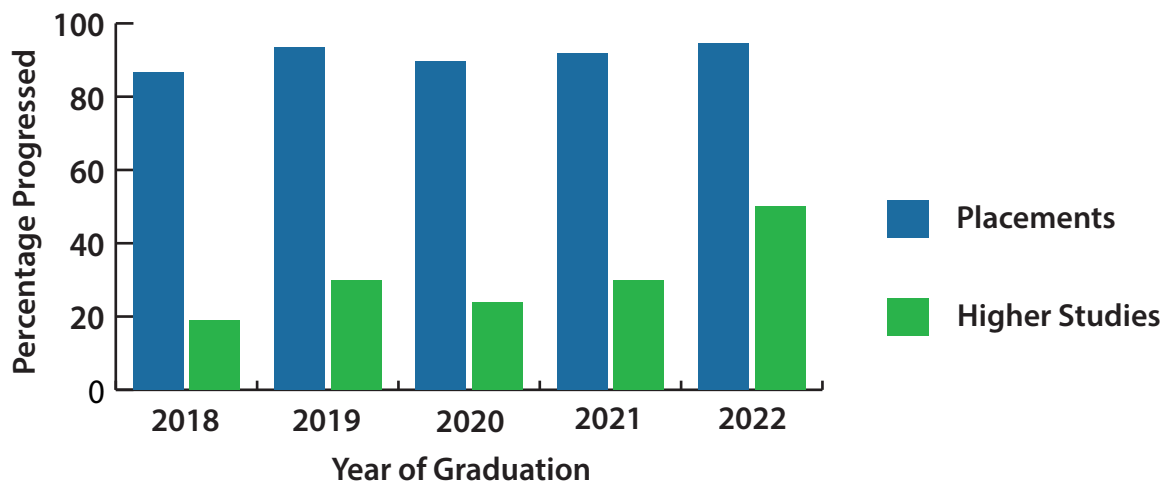
Global AIChE OSC Award



Global SPE OSC Award



## Student Progression Statistics



## Major Recruiters



Vellore Institute of Technology  
Tiruvalam Road, Katpadi, Vellore, Tamilnadu - 632014

