



# VIT<sup>®</sup>

**Vellore Institute of Technology**

(Deemed to be University under section 3 of UGC Act, 1956)

# **SDG 4 Quality Education**

## **Annual Report 2018-19**

**4** **QUALITY  
EDUCATION**



Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all

**Vellore Institute of Technology**

Vellore – 632014

Tamil Nadu, India

[www.vit.ac.in](http://www.vit.ac.in)



## Report of VIT-Vellore Campus

### Goal – 4 Quality Education...

One of the Sustainable Development Goal (SDG) is to ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. In this direction, Vellore Institute of Technology (VIT), being a Higher Education Institute contributes significantly in achieving the following targets.

- 1) Ensures equal access for all students (boys and girls) to affordable and quality technical, non-technical and vocational education.
- 2) Substantially increase the number of youth and adults who have relevant skills, including technical and vocational skills, for employment, decent jobs and entrepreneurship.

In this direction, VIT – TBI has initiated some of the activities mentioned below and have achieved significantly in the recent past.

- a. Extending seed funding & grants to start-ups in the technology domains of Energy, Healthcare, Manufacturing, Agriculture, Biotechnology and Information technology Providing infrastructure and resources for R&D with facilities for Design, Experimentation and Product Development for innovators/startups
- b. Encouraging New Product Development in cutting-edge technologies benefiting the society
- c. Organising structured innovation & entrepreneurship capacity building programmes for all the stakeholders at regular intervals
- d. Managing the Entrepreneurship Cell (E-Cell) of VIT for the promotion of entrepreneurship on campus
- e. Through the E-Cell, support innovative student startup projects with VIT grants up to Rs.5 Lakhs in phases

Some of the recent programs organised by VIT-TBI are:

- 'MedTech Challenge' for students/early stage entrepreneurs to encourage innovations in the healthcare and medical devices sector (Jan 2019)
- Two-week Faculty Development Programme on "Entrepreneurship, Innovation and Incubation", (Nov – Dec 2018)
- 'HackerTech' with tracks on Machine Learning/Artificial Intelligence, Augmented Reality/Virtual Reality, Blockchain, Data Analytics, Robotics & Automation and Cybersecurity, for students (Oct 2018)
- Three-day Entrepreneurship Awareness Camp for students (Oct 2018) Six-week Technology Entrepreneurship Development Programme (TEDP) in 'Food & Agro Processing' (Oct – Nov 2018)

Details of VIT-TBI are available on <http://www.vittbi.com/>.

3) Ensure that all learners acquire the knowledge and skills needed to promote sustainable development, including, among others, through education for sustainable development and sustainable lifestyles, human rights, gender equality, promotion of a culture of peace and non-violence, global citizenship and appreciation of cultural diversity and of culture's contribution to sustainable development.

A representative list of activities focused on inculcating the values and responsibilities as a responsible citizens are

- Model United Nation – VITMUN - every year in the months of August – September every year. The Model United Nations helps students to understand the various international issues including climate change, global hunger, water crisis and sustainable development
- "Democracy Wall" a free speech campus initiative in collaboration with The Print
- "Voter Enumeration and Awareness program" organized every year in collaboration with State Election Commission
- Annual Union Budget Discussion by eminent economists



- The vibrant student clubs like the **VIT Fifth Pillar provide platform for students to discuss about** “Every vice nagging society and the human condition”.
- The debating club of the VIT - DEBSOC VIT hone the debating skills of students

Hindi, Bengali, Marathi, Telugu, Kannada, Malayalam and Tamil Literary Associations to create awareness about the richness of our languages and to appreciate the rich diversity of our culture

4) Substantially expand globally the number of scholarships available to developing countries, in particular least developed countries, small island developing States and African countries, for enrolment in higher education, including vocational training and information and communications technology, technical, engineering and scientific programmes, in developed countries and other developing countries.

In this direction, VIT offers STARS (Support The Advancement of Rural Students) Scheme to students from socioeconomically weak backgrounds to help such students to overcome obstacles in their educational progress and excel in their respective fields. As part of this scheme, top ranking male and female students of every district in Tamil Nadu, are offered complete free education at VIT including tuition, boarding, transport and all incidental expenses.

**First generation STARS Graduates**

BATCH	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	Total
First Graduates	8	36	48	45	45	45	43	43	53	55	56	56	533
Total Students	13	57	57	61	57	56	52	57	57	60	64	68	659

The International Relations Office of Vellore Institute of Technology has signed several MoUs with institutes and universities all over the world and helps the students to explore diverse environments and various cultures across the globe. It also helps the students and faculty to connect with peers across the entire planet. The international partner



universities are spread in countries throughout the world – Europe, USA, Asia, Australia, Canada, Asia-Pacific, Middle East, Africa, and South America.

VIT has International Students from 50+ Countries across the world and there are 45 Languages spoken on the campus. The MoU with 300+ Foreign Universities also paves way for student exchange and research collaborations.

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## Report of VIT-Chennai Campus

### Preamble

Vellore Institute of Technology (VIT), for the past 30 years has made a mark in the field of higher education in India imparting quality education in multi-cultural ambience, intertwined with extensive application oriented research. VIT was established with the aim to provide quality higher education on par with International standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis.

- a) To maximise industrial connectivity and to create centres of excellence in niche areas of research
- b) To enrich technological and managerial human capital nurtured in a multicultural ambience
- c) Provide a common platform for the agglomeration of ideas of personnel for various walks of life for learning enrichment

### Policies / Major decisions taken regarding the SDG

#### STARS –scheme for the advancement of rural students

STARS-scheme of supporting and enhancing the quality of life of rural students was undertaken by the great philanthropist and Chancellor of VIT, Dr G Viswanathan in the year 2008. VIT STARS scheme helps these students from under privileged background to achieve what they deserve by giving them 100% fee waiver for their academic and hostel facilities including medical expenses.

#### Academic Details pertaining to the SDG

The B. Tech, M. Tech, and PhD research programmes carried by the various schools in the campus lay enormous importance on quality education. In a quest to achieve that, practical skills are given much priority. The majority of the subjects are linked with project based learning (PBL) which bridges theory and laboratory practical including a wide variety of technology and their applications.



## Major events organized Conferences / Workshops / Symposium

a) Events organised by Academic Staff College (ASC) towards imparting Quality Education

S. No	Name of the Event	Date	No of Participants
1.	Microsoft Surface in Education	27-10-2017	41
2.	E-Learning for Teachers	20-11-2017 to 25-11-2017	60
3.	High Impact Presentation Skills	29-11-2017 to 30-11-2017	19
4.	Use of Team Building exercises for enabling learning with fun	18-12-2017	35
5.	Use of Team Building exercises for enabling learning with fun	21-12-2017	31

## Lectures organised to enhance students awareness

S. No	Name of Faculty	Title of Lecture	Date
1.	Saju B	'Entrepreneurship & Regulatory Framework in India'	15-11-2017
2.	Rajasekaran V	Writing Quality Research Papers & Strategies to Apply Post Doc Research in English	15-12-2017
3.	Parvathi R	Learning with Intelligence: Dawn of new eco-systems	13-3-2018

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