



VIT[®]

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

SDG 10 Reduced Inequalities

Annual Report 2018-19

10 REDUCED
INEQUALITIES



Reduce
inequality within
and among
countries

Vellore Institute of Technology

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Report of VIT-Vellore Campus

GOAL 10: Reduced Inequality...

In the view of global development, United Nations Sustainable Development Goals (SDGs) are proposed. The 17 Sustainable Development Goals are defined in a list of 169 SDG Targets. Progress towards these Targets is agreed to be tracked by 232 unique Indicators. In connection to that the UN has defined 10 Targets and 11 Indicators for SDG 10 - Reduced inequalities. The inequalities are to be nullified in all aspects, be it income inequalities, be it based on age, sex, disability, race, ethnicity, origin, religion or economic or other status, be it based opportunities and end discrimination.

Vellore Institute of Technology (VIT) is taking care of this SDG-10 in all aspects and strenuous efforts are taken to reduce inequalities in all the aspects. Moreover these goals can be achieved collectively with collaboration of like- minded people, in that aspect the researchers are working hard to attain these goals and to make inroad to reduce the inequalities. These endeavors largely benefits to the mankind and they enjoy every right.

Most of these SDG are proposed with the noble notion to provide better future for all. Each and every step taken towards these SDG individually will collectively yield good results and therefore these can be implemented to the fullest core in the year 2030.

Vellore Institute of Technology strongly believes in their caption “A place to learn and chance to grow”. We are providing opportunities to all to learn and grow. We strongly believe that providing education to all, will bridge the gaps in all SDG implementation globally. As per our vision “Transforming life through excellence in education and research”, we consistently transform and provide equal opportunities to all to excel in their fields.

As we say that providing education will uplift their life style but as per 2011 census only 8.15% (68 million) of Indians are graduates [1], Vellore Institute of Technology contributes more to this number. Most of them are missing their school education and higher education because of their financial status, though government organization and NGO's are trying hard to find the deserving ones and providing opportunities to them to pursue their education. Vellore Institute of Technology lends their helping hands to such deserving students.

- An average of 35.74% of students benefited by scholarships and free-ships provided by institution in the last five years.
- 62.71% of students have benefited through various capability enhancement schemes offered by the institution. This ultimately leads to their placements too.
- About 12% of students of the 2018-19 passed out batch are pursuing higher studies.
- An average of 50.87% of students got campus placements during the last five years.

The STARS (Support The Advancement of Rural Students) Scheme - fully funded education for economically challenged students program which provides free education for the top ranking students from all districts of Tamil Nadu, ensures free education to one top ranking male and female student of every district. So far, 659 students have benefited through the STARS programme since the inception of the scheme, of which 533 students are first generation graduates. All the benefited students have been successfully placed and have been reciprocating to the society in return. Several of them have secured covetable positions abroad.



Apart from this, VIT hosts several agricultural expos in support of local farmers, and offers its sports facilities for tournaments among local schools. Apart from these socioeconomic programmes conducted by the Institute, the Institute also supports a large number of student-based Non-Governmental Organizations like Juvenile Care, Helphen, Anokha, Youth Red Cross and Fepsi who do a vast body of public work in areas like education of children and raising awareness on public health.

[1]https://en.wikipedia.org/wiki/Higher_education_in_India#:~:text=Across%20the%20country%2C%20tertiary%20enrollment,29.2%20million%20enrolled%20in%202011

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Report of VIT-Chennai Campus

1. Preamble

The following is a comprehensive report on ‘SDG 10 – Reduced Inequality’ for Vellore Institute of Technology Chennai (VIT Chennai). SDG10 deals with employees are given equal opportunities, services and a chance for a better life. VIT Chennai promotes a very high standard work environment and eradicates substandard and biased work practices.

2. Policies/Major decisions regarding SDG 10

The policies or major decisions regarding SDG 10 are elucidated as follows.

2.1 Equal Opportunity Cell

The objective of ‘Equal Opportunity Cell’ is to ensure any discrimination against any employee or job applicant because of race, colour, religion, national origin, sex, physical or mental disability, or age. The following are the members of the team:

1. Dr. Peer Fathima. A – Convener
2. Dr. S. Geetha – Member
3. Dr. K. Chitra – Member
4. Mrs. Mary Joseph – Member

The members will meet periodically to formulate guidelines and policies regarding discriminations, inequalities, and other related practices. The members also provide solutions and take necessary corrective actions on the reported issues to them on a case-by-case basis within a shorter duration.

2.2 Prevention of Harassments

If any woman faculty, staff or girl student has any grievance, including any kind of sexual harassment, the same can be brought to the notice of the Convenor or any of the Committee Members of Internal Complaints Committee for necessary action and

redressal. What constitutes sexual harassment, as defined by the Hon'ble Supreme Court of India is given below:

For this purpose, sexual harassment includes any unwelcome sexually determined behaviour (whether directly or by implication) as:

- physical contact and advances
- a demand or request for sexual favours
- sexually coloured remarks
- showing pornography
- any other unwelcome physical, verbal or non-verbal conduct of sexual nature

where any of these acts is committed in circumstances in relation to the victim's employment or work or course of study, whether he/she is drawing salary, or honorarium or voluntary or a Student pursuing Education, when the Employee/Student has reasonable grounds to believe that his/her objection would disadvantage his/her in connection with his/her employment or work or disrupt the course of study in the University including when it creates a hostile environment, adverse consequences might be visited if the victim does not consent to the conduct in question or raises any objection thereto – such conducts amount to sexual harassment.

Any physical/mental harassment towards fellow students including ragging, quarrelling, using abusive language and violent behaviour is strictly prohibited.

2.3 Recruitment/Promotion Norms

High standard and well-established norms are set for the recruitment of the employees and the promotion of the existing employees. There is absolutely no bias in the recruitment and promotion process of the employees, in terms of gender, race, community and other biased aspects.

2.4 Support The Advancement of Rural Students (STARS) Scheme

For children in rural villages of Tamil Nadu who grow up in difficult circumstances, VIT has become more than a place of academic instruction. It is a home away from home where they feel safe and happy, surrounded by caring Professors/Proctors who not

only give them the education and skills to face the future but also become their emotional pillar.

Since 2008 rural students of Tamil Nadu have been admitted through the STARS scheme. Each student's story is an inspiring story of change. Daily wage labourers and domestic helpers find it difficult to educate their children due to their unstable income and difficult living conditions. Their children who are academically brilliant, continue to live their lives in poverty like their families or settle down to basic jobs which satisfies neither their basic needs nor their intellectual hunger While many people in our society ignore these hard facts and go ahead with their lives, VIT Management Stands tall as it takes these children in its fold through the STARS scheme. Financially disadvantaged children do not have to stop dreaming of becoming an Engineer. VIT STARS Scheme helps these students from underprivileged background to achieve what they deserve by giving them **100% fee waiver for their academic and hostel facilities including basic medical expenses.**

The transition to higher education, which is particularly difficult and expensive for rural youth, requires support. To meet this concept in reality, VIT launched this social innovation as STARS Scheme. Based on their 12th std. marks, one boy and a girl from rural Government Higher Secondary schools in the different districts of Tamil Nadu are chosen under this STARS scheme. Most of the selected meritorious students are first generation graduates from below poverty line families. The selected Students (STARS) are given admission to a B.Tech course in VIT with 100 percent Scholarship covering free accommodation, food, healthcare and other academic facilities.

3. Academic details regarding SDG 10

The following courses are offered as part of B.Tech and B.A. LL.B programs at VIT Chennai.

- HUM1021 – Ethics and Values
- LAW8004 – Gender, Caste and Law

4. Major events organised

4.1 Activities

S. No.	Name of Faculty Members	Title of the professional development program	From	To	No. of days
1.	Ramesh Ragala	International Scientific Research Conference Internet Of Things And Big Data Analytics Impact On Agriculture, Business And Economics, Education And Psychology	13-07-2017	14-07-2017	2
2.	Premalatha M	Conclave On Professional Development In Business Analytics	10-08-2017	11-08-2017	2
3.	Suganya G	Conclave On Professional Development In Business Analytics	10-08-2017	11-08-2017	2
4.	Aparna V	Conclave On Professional Development In Business Analytics	10-08-2017	11-08-2017	2
5.	Rajalakshmi R	International Conference On Advances In Computing And Communications	22-08-2017	24-08-2017	3
6.	Pattabiraman V	Springer International Conference On Computational Sciences, Advanced Database And Computing (Csadc2017)	11-10-2017	13-10-2017	3
7.	Bharadwaja Kumar	Prosody Detection From Text Using Aggregative Linguistic Features	30-10-2017	31-10-2017	2
8.	Reshmi T R	2 nd International Conference On Advanced Computing And Intelligent Engineering	23-11-2017	25-11-2017	3
9.	Harini S	International Conference On Advanced Computing	14-12-2017	16-12-2017	3

S. No.	Name of Faculty Members	Title of the professional development program	From	To	No. of days
10.	Renta Chintala Bhargavi	International Conference On Microelectronics Computing And Communication Systems	12-05-2018	13-05-2018	2
11.	Bindu B	World Summit on Advances In Science, Engineering and Technology	04-01-2018	06-01-2018	3
12.	Brintha Therese A	World Summit on Advances In Science, Engineering and Technology	04-01-2018	06-01-2018	3
13.	Kaustab Ghosh	World Summit on Advances In Science, Engineering and Technology	04-01-2018	06-01-2018	3
14.	Kanchana Bhaskaran V S	International Conference On VLSI Design	06-01-2018	10-01-2018	5
15.	Kanchana Bhaskaran V S	Second International Conference on Integrated Intelligent Computing communication and security	24-01-2018	25-01-2018	2
16.	Tanushree Choudhry	XVI International Clay Conference	17-07-2017	21-07-2017	5
17.	Bornali Sarma	International Conference On Diamond And Carbon Materials	03-09-2017	07-09-2017	5
18.	Mini Ghosh	Indian Mathematical Socitey -An International Meet	12-12-2017	15-12-2017	4
19.	Balamurugan B J	International Conference On Advances In Mathematical Sciences	01-12-2017	03-12-2017	3

S. No.	Name of Faculty Members	Title of the professional development program	From	To	No. of days
20.	A Felix	International Conference On Advances In Mathematical Sciences	01-12-2017	03-12-2017	3
21.	A Felix	National Conference On Mathematical Techniques And Applications, Srm Institute Of Science And Technology.	05-01-2018	06-01-2018	2
22.	Saroj Kumar Dash	National Conference On Mathematical Techniques And Applications, Srm Institute Of Science And Technology.	05-01-2018	06-01-2018	2
23.	Prabhakar V	Icoe2018 [4Th International Conference In Ocean Engineering, 2018]	18-02-2018	21-02-2018	4
24.	Jaganathan B	National Conference On Emerging Trends In Mathematics & Applications In Engineering and Technology	22-03-2018	23-03-2018	2
25.	Pankaj Shukla	International Conference On Mathematical Science And Applications	23-02-2018	25-02-2018	3
26.	Alamelu C	International Conference On Evolving Strategies To Overcome Continuing Challenges In Second Language Education At Tertiary Level	01-03-2018	03-03-2018	3
27.	Bhuvanewari G	International Conference On Evolving Strategies To Overcome Continuing Challenges In Second Language Education At Tertiary Level	01-03-2018	03-03-2018	3
28.	Rajitha K	International Conference On Evolving Strategies To Overcome Continuing Challenges In Second Language Education At Tertiary Level	01-03-2018	03-03-2018	3
29.	Berin Greeni A	National Conference On Emerging Trends In Mathematics & Applications In Engineering And Technology	22-03-2018	23-03-2018	2

S. No.	Name of Faculty Members	Title of the professional development program	From	To	No. of days
30.	Rajasekaran V	52Nd International latefl Conference And Exhibition At Brighton, Uk	09-04-2018	13-04-2018	5
31.	Rajasekaran V	International Conference On “Global Approaches To Multilingualism And Standardisation” At University Of Cambridge	16-04-2018	18-04-2018	3
32.	Rajitha K	National Conference On Nature Culture Language And Literature : Environmental Naratives And Critical Practices	16-04-2018	17-04-2018	2
33.	Alan G	10 National Conference On The Nature, Culture, Language, And Literature: Environmental Narratives And Critical Practices 2018	16-04-2018	17-04-2018	2
34.	Vidhya V	2Nd International Conference On Contemporary Approaches In Mathematics And Emerging Engineering Trends	26-04-2018	27-04-2018	2
35.	Patchainayagi S	International Conference On Multidisciplinary Approaches To Island Studies.	14-05-2018	17-05-2018	4
36.	Indira.K	international Conference on protection and jsticiability for child rights in india: Contemporary issues and challenges	19-04-2018	20-04-2018	2
37.	Rajavenkatesan P R L	International Conference on Urban agriculture land, food, people agriculture and city: A geographical perspective	14-02-2018	15-02-2018	2
38.	Angalaeswari S	1st International Conference on Large-Scale Grid Integration of Renewable Energy in India	07-09-2017	08-09-2017	2
39.	Gunabalan R	Digital Control of Power Electronic Systems using dSPACE	21-09-2017	22-09-2017	2

S. No.	Name of Faculty Members	Title of the professional development program	From	To	No. of days
40.	Jamuna K	FDP on Analysis of Power System Protection and Automation	26-11-2017	09-12-2017	14
41.	Gnana Swathika O V	FDP on Analysis of Power System Protection and Automation	26-11-2017	09-12-2017	14
42.	Sri Ramalakshmi P	International conference on electrical, electronics, communication, computer technologies and optimization techniques	15-12-2017	16-12-2017	2
43.	Sri Ramalakshmi P	Two day FDP on real time simulations of renewable energy systems	08-01-2018	09-01-2018	2
44.	Lavanya V	FDP on Real Time Simulation on Renewable Energy Systems	08-01-2018	09-01-2018	2
45.	Anantha Krishnan V	International Conference on Innovations & Discoveries in Science, Engineering and Technology	17-04-2018	18-04-2018	2
46.	Febin Daya J L	International Conference on Innovations & Discoveries in Science, Engineering and Technology	17-04-2018	18-04-2018	2

4.2 Extension activities relevant to SDG 10

A two-day international workshop on “Girls in ICT day” is organized by SCOPE on 6th and 7th April, 2017 to highlight the relevance of Information and Communication Technology (ICT) for the betterment of girl children from their school days. Girls in ICT Day, an initiative backed by ITU aims to create a global environment that empowers and encourages girls and young women to consider career in the growing field of ICTs, enabling both girls and technology companies to reap the benefits of greater female participation in the ICT sector. 50 girl students from different schools – Government

High school - Kandigai, Rathnamangalam, Kolappakam located in three different villages near our campus participated in the workshop.

The workshop commenced with a formal Inaugural session at 09.30 am. The Chief Guest of the inaugural event was Dr. Tharani Parthiban, Medical officer, Apollo Hospitals, Chennai. Dr. P. Gunasekaran, Pro-vice chancellor, VIT University, Chennai delivered the special address. Dr. P. K. Manoharan, Additional Registrar, VIT University, Chennai felicitated the gathering. Dr. V. Vijayakumar, Associate Dean, School of Computing Science & Engineering (SCSE), VIT University, Chennai felicitated the dignitaries. Dr. E. Umamaheswari, Associate Professor, SCSE welcomed the gathering. Prof. M. Priyaadharshini, Assistant Professor (Sr.) proposed the vote of thanks. The various sessions include Graphics and Video, Microsoft Word, Excel, Powerpoint, Internet and Social Networks, Women's Security in Cyber Space, Career Guidance, Self-Employment and Government Schemes for women, Fun activities, Talent Hunt. These sessions were organised for the girls with hands on training. The food and the conveyance for these two days were completely taken care by VIT University. The coordinators and organizers of this workshop are Dr. E. Umamaheswari, Associate Professor, Dr. Asnath Vicky Phamila, Associate Professor, Dr. Reshmi T R, Associate Professor, Dr. Karmel A, Associate Professor, Prof. M.Priyaadharshini, Assistant Professor(Sr.), Dr. Hepsiba Mabel , Associate Professor.





Fig.1 – Photographs taken during the workshop “Girls in ICT day”
