

### 7.3.1 Distinctive Thrust Area of GNITS

GNITS is the foremost Engineering Colleges in the combined state of Andhra Pradesh and Telangana exclusively for aspiring women Engineers. Following are few of the distinct thrust areas of the college:

#### **Non Formal Sanskrit Education (NFSE) Center**

GNITS is the FIRST COLLEGE in the state of Telangana for starting **Non Formal Sanskrit Education (NFSE) Center** sanctioned by Cental Sanskrit University, established by an act of Parliament (Formerly “**Rashtriya Sanskrit Sansthan,**” Deemed to be University, Under Ministry of Education, Government of India under the auspices of MHRD, New Delhi) in the year 2017 with an objective to develop research oriented interest among students and to drive innovations based on immense treasure of knowledge existing in our Ancient Sanskrit literature/scriptures. Under this programme **One Year Certificate Course in Sanskrit Language** is being offered and good number of students, staff and civilian people from all walks of life – doctors, NGOs, Housewives enroll for the course.

Sanskrit language is the unparalleled treasure of Indian wisdom and culture. The resources preserved in this language are vast and manifold. A large number of Indians desire to learn Sanskrit in order to preserve and project original Indianness. It is essential to fulfil their desire by providing the knowledge of Sanskrit language through the simplest possible method and to make them aware of the knowledge well treasured in Sanskrit. In order to execute this ideal and essential objective by providing the opportunity and facility to those who are desirous to learn Sanskrit, Central Sanskrit University has introduced Non-Formal Sanskrit Education.

‘**Non Formal Sanskrit Education (NFSE) Centre**’ in GNITS established in the year 2017. The main objective of this centre is to develop research oriented interest among students and to drive innovations based on immense treasure of knowledge existing in our Ancient Sanskrit literature/scriptures.

Under this program **different levels of certificate course in Sanskrit language** is being offered. So far **many** learners have registered for this course and completed different levels. The learners are drawn from a wide cross section of the society including students, Faculty & Staff members of GNITS and a few interested persons from outside with different professionals.

#### **Electronics and Telematics Engineering (ETE)**

GNITS is the **ONLY COLLEGE** across the country offering a specialized course **Electronics and Telematics Engineering (ETE)** under Jawaharlal Nehru Technological University, Hyderabad. The Department of Electronics & Telematics Engineering established in the year 1999 and is accredited by National Board of Accreditation for 3 years during 04-05-2007 & 03-05-2010 with well qualified faculty and infrastructure. The initial intake was 30 and increased to 60 in the year 2001. ETE is a parallel branch on par with ECE with emphasis on computer communication. Eighteen batches of successful ETE students are faring well in various IT, Communications and other public sector organizations. The Department introduced

M.Tech in Wireless & Mobile Communications in 2012 with intake of 18 Students. ETE department has got MODROB grant of Rs. 17,29,000/- from AICTE for the year 2013-14 and it utilized for establishment of Advanced Laboratories.

The distinct highlights of the department are:

- This programme is an amalgamation of both Electronics, Communications and Computer Engineering. Upon completion of this programme students become experts in “Hardware and Software co-design”.
- With development and driving of intelligent systems being the criteria, students also develop significant expertise in technology such as IoT, Artificial Intelligence, Machine Learning, and development of smart systems.
- Graduates, fundamentally, get to work in an “integrated” industry that is only set to become smarter in the near future. A multitude of career opportunities await graduates in both the software and hardware fields.
- Highest GATE Percentile in GNITS till date is under ETE Department.
- B.Sowjanya of ETE , Scientist, ISRO Bengaluru is a part of Chandrayaan 3.
- More number of JNTU Gold medals are received by ETE since it is a unique branch.
- T.Akhila of ETE Department got an opportunity to talk to Honourable Prime Minister of India Shri.Narendra Modiji in one of the Hackathon.
- The highest number of Hackathons are won by the students of ETE

The thrust area of building transformative multi-faceted learning environment, GNITS is primarily embedded in its vision of creating ‘a center of quality education in Engineering and Technology for women empowerment’ through a plethora of **‘beyond the curriculum’** activities for promoting technical competencies and knowledge that is blended with right skills, attitude and values for life long success.

#### **Other distinct thrust areas of the Institution:**

- Mr.Tim.D.Cook, CEO, Apple chose GNITS as a center for excellence, only of its kind in India and 3<sup>rd</sup> in the world as its favorite collaboration for launching the MAC lab based training against the top class institutions in India and Abroad. As a part of MoU with Apple, research oriented App development MAC lab with high end Apple systems of huge investment is contributed by Apple to GNITS. Top class specialized app developers from Apple are training GNITS students to enhance the practical knowledge of Mac IOs and related future apps in tune with future generation requirements.
- The only womens’ College in the state of Telangana visited by the Honourable President of India Smt.Draupathi Murmu.
- **Best Engineering College** in the state of erstwhile T.S & A.P by ISTE (2007).
- Received Certificate of Appreciation for implementing 100 KWP grid connected Solar Power Plant (2014).
- Received **Educational Leadership Award** from Dewang Mehta, National Education Award (2017) for the excellent educational services rendered to the students.
- Received **National Employability Award** from Aspiring Minds (2018) for the consistent and 100% placements for all the eligible candidates every year.
- Awarded as **“Best College for Placements”** for the year 2018 by “Stumagz”

- Establishment of **ATAL INCUBATION CENTRE** for the promotion of culture of innovation and entrepreneurship among the students.
- The only Engineering in the college conducting international **WOMEN IN LEADERSHIP CONCLAVE**.
- Only Womens' College in the state of Telangana bagging **Girls Overall Championship** consecutively from the past 11 years.