

Student Support Systems

The **infrastructural& sports facilities** are : Internet, Canteen, Transport, Hostel, Health Centre, Cafeteria facilities, Banking / ATMs , Gymnasium, Gaming Arcadia facilities, Reprographic, Photocopy services, Books Stationary,Campus Surveillance Cameras,Post box , Fire extinguishing equipment in various blocks are maintained. The indoor-outdoor sports facilities such as Tennis court, Volley Ball Court, Basket Ball Court, Badminton Court are available.

Personality development: There are various clubs to inculcate/enhance the personality development to the students to transform them into professionals and to channelize the student potential in right direction for their welfare: For more details: <https://www.gnits.ac.in/student-clubs/>.The various clubs are : Samskruthi,Literaria Clava,NSS,Google Developer Student Club,Aarambh,Lead India 2020,Student Edition Newspaper,TEDxGNITS

Nurturing Technical knowledge:To nurture the growth of the technical knowledge in the young minds of students , various departmental technical associations are formed and activities conducted , prizes are distributed. The students are also sent to various events across country for competing at the National /International level.For more details: <https://www.gnits.ac.in/life-gnits/student-chapters/>

- o **ISTE,IEEE,IETE,CSI, Cyber Suds**

Entrepreneurship Development Cell (EDC). The cell conducts workshops/panel discussions inviting entrepreneurs from various fields to encourage and nurture entrepreneurship among women. A technology incubation centre has been set up to provide infrastructure and support for budding entrepreneurs. Currently two companies have been started by the alumnae of GNITS, functioning from the GNITS-Technology Incubation Center. <https://www.gnits.ac.in/life-gnits/edc-cell/>

Library:The college library has subscribed many journals for students & staff – both technical and general which not only help them with technical assistance but also refresh their mind. Library has 24 International Journals in print version and also an online subscription for IEEE, j-gate, Scopus& Databases DELNET & NDL etc. Among the Indian Journals, 85 are technical and 27 Magazines of which one is the in-house journal ‘WE’ i.e., Women Empowerment of the H&M department.It has access to e-Librarycontent to all students &staff .Following resources are available. It has Reprographic facility,additional cards to meritorious students

IEEE: The Institute of Electrical and Electronics Engineers is a professional association for electronic engineering and electrical engineering. It is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity.GNITS subscribes on-line journals & papers through INDEST (<http://www.ieeeexplore.org>)

Science Direct:It is a website, which provides access to a large bibliographic database of scientific and medical publications of the British publisher Elsevier. It hosts over 18 million pieces of content from more than 4,000 academic journals and 30,000 e-books of this publisher. Access through www.sciencedirect.com

DELNET has been established with the prime objective of promoting resource sharing among the libraries through the development of a network of libraries. To access DELNET: <http://delnet.nic.in>

J-Gate:It is an electronic gateway to global e-journal literature. J-Gate provides seamless access to millions of journal articles. J-Gate, an electronic gateway to global e-journal literature; is the most efficient comprehensive platform to access research information from over 55 Million journal articles (with access to 10 Million Full Text articles) coming from 49,000+ journals covering multiple subject domains from all disciplines.To access J-Gate: <http://jgateplus.com>

National Digital Library of India (NDLI) is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, It is designed to enable people to learn and prepare from best practices from all over the world and to facilitate researchers to perform inter-linked exploration from multiple sources. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.To access National Digital Library: <http://ndl.iitkgp.ac.in>

e-PG Pathshala is an initiative of the MHRD under its National Mission on Education through ICT (NME-ICT) being executed by the UGC.for more information: <http://epgp.inflibnet.ac.in/> ,

e-Yantra is a robotics outreach program funded by the Ministry of Education and hosted at IIT Bombay. <https://new.e-yantra.org/>

FOSSEE (Free/Libre and Open Source Software for Education) project promotes the use of FLOSS tools in academia and research. The FOSSEE project is part of the National Mission on Education through Information and Communication Technology (ICT), Ministry of Education (MoE), Government of India. Below is the list of projects which are promoted by FOSSEE:Scilab,Python,eSim,OpenFOAM : <https://fossee.in/>

The National Programme on Technology Enhanced Learning (NPTEL) :It is a project initiated and handled by seven Indian Institute of Technology (IIT-Bombay, Delhi, Kanpur, Kharagpur, Madras, Roorkee and Guwahati) and Indian Institute of Science, Bangalore. It is project funded by MHRD, Government of India, to develop and promote multimedia and web technology based learning open for all. Currently more than 940 courses are available on web portal <http://nptel.ac.in> for viewing and downloading. NPTEL has also initiated open online courses with certification where courses in different domains are regularly launched. Courses are

free to enroll and are available at <http://onlinecourses.nptel.ac.in>. Certificate from IIT is awarded to those who register and appear for the examination. For more details <https://www.gnits.ac.in/life-gnits/nptel/>.

Student Mentoring:

The college adopted an inclusive perspective of higher education, the one that incorporates mental health dimension that moves beyond the strict confines of academics. Prevalence of adjustment and developmental problems and various forms and degrees of mental illness was not ignored by the college. By offering the services of a full-time Counselling Psychologist, the college is ensuring an environment of support and encouragement to the students and staff. The student mentoring system of all Department of GNITS is carried out at a number of levels as given below:

The students of each Department are assigned faculty counsellors to mentor them and monitor their progress from 1st year to 4th year. Each faculty monitors a group of 18 students every semester.

1) Counsellors are same for the same set of students till the course completion. This will enable the mentor to understand the Psychology of every student under his/her mentorship.

2) Counsellors report the information regarding student's monthly attendance in the class and everyday attendance in the class is communicated via text message to the parents by the programmer. Also, class teacher of each class gives the class teacher's report regarding student's monthly attendance & inform it to parents over phone.

3) Department maintains data of each student such as parent communication details, monthly attendance, marks for each subject/lab of each semester (Internals & Externals), cumulative % of marks, student opinion, extra & co-curricular activities, attainments, status of the student at the time of leaving campus with B.Tech Degree. At the end of the semester, each counsellor submits a consolidated report (Summary sheet) consisting of the improvement in regularity and performance of the students assigned to him/her.

4) Every student has the opportunity to interact with the alumnae and get insightful tips for Career development, Higher studies and Placements.

5) Mentors are trained to follow up the assigned Mentees in a three step manner as per the status level of Mentee.

- a. Cognitive level
- b. Social and Emotional level
- c. Psychological level

6) At the Cognitive level, reasoning of performance (same, low or high) in each semester is identified and methodology to improve in upcoming semester is analysed and addressed.

7) At the Social and Emotional level, the root of an issue that may be preventing an individual from reaching their full potential is addressed.

8)At the Psychological level where the student is restricted by psychological barriers to reach their goals, a personal counselling is given by Authentic persons.A trained Phycologist is giving proper motivation to the needful students. Also, a record is maintained the for the same.

GNITS Innovation Cell is envisaged to network people, ideas, experience and resources to motivate the innovation community in the college. This cell helps to nurture the students' ideas and encourage them to bring up business proposals. The Innovation Cell may facilitate even in getting funds for the project.

The main aim of this Cell is, thus, to create intuition in terms of creative design ideas in various fields of engineering in an aesthetic approach. Innovation Cell will assist students and also encourage young talented minds by providing them a perfect platform for showcasing their talents, working together as teams and participate in various competitions. It will also serve to provide the students a platform to excel in their specialized area of interest. For more information , please refer to <https://www.gnits.ac.in/innovation-cell/>

GNITS has participated in **the National Innovation and Start up Policy** program to actively engage the students, faculties and staff in innovation and entrepreneurship related activities. NISP Policy,Startup Policy AICTE,IPR Policy For more details : <https://www.gnits.ac.in/nisp/>

Incubation Centre: The 2,000 square feet state of the art Incubation center set up in the campus to connect future leaders students, entrepreneurs with capital, networking, mentoring and coaching support with rich infrastructure and facilities.

ISRO Out Reach program: GNITS is a nodal centre for the online courses offered by ISRO.

Career guidance cell is to prepare students to have a greater understanding of educational and career opportunities in making career choices.

In campus training provided for students

GRE Classes are conducted for III B.Tech for a duration of 3 months by Manya Princeton Review, Hyderabad.

GATE coaching for II B.Tech is conducted by T.I.M.E., Hyderabad for a duration of one year.

CIVIL SERVICE coaching by Deeksha Academy as an ongoing process.For more details:<https://www.gnits.ac.in/life-gnits/career-guidance-cell/>

Minor and Honours Degree:

Newregulations provide Minor degree in AI,ML/CYBER SECURITY/DATA SCIENCE/IOT/INNOVATION & ENTREPRENEURSHIP With additional 18 credits to be obtained by student apart from 160 credits for the award of regular degree .Similarly 20 credits for Honours degree .Another minor degree offered by AICTE on web development :

AICTE-LITE(Leadership in Teaching Excellence) PROGRAM:G Narayanamma Institute of Technology and Science(for Women), a leading Engineering college in Hyderabad for women offering UG and PG courses in Engineering and Technology.

GNITS is one among top **50 short listed** out of **475 Academic Institutions** from 28 states applied for AICTE-LITE programme under National Educational Alliance for Technology (NEAT) programme of the Ministry of Education, Government of India.

Training and Placement:The Training & Placement Cell plays an integral role in creating the illustrious placement record of GNITS. It ensures smooth functioning of the placement activities in the campus. The center further facilitates training activities of the students and makes sure they get placed in the best companies. The college is recognized by top MNC companies for its quality of education and is considered on par with NIT's and IIT's for recruitment processes. Students of GNITS are placed with the highest package of 44L per annum. For more information : <https://www.gnits.ac.in/placements/>

There are lot of **Academic prizes** for bright students to nurture their talent and dedication and commitment .The various prizes are Gold Medal winners(<https://www.gnits.ac.in/goldmedals/>),ISTE Young Engineer award, Attendance toppers,Most sincere student ,Best outgoing student ,various Sports & Games awards,/Medals(<https://www.gnits.ac.in/facilities/sports-2/>) Freeships :Fees waivers