



GLOBAL INSTITUTE OF TECHNOLOGY, JAIPUR

Best Practices

We are committed to holistic development of the students, while simultaneously integrating them with the corporate world and the society. Our focus is devoted to equipping our students with necessary technical skills integrated with skills, so that they not only become good engineers but also responsible citizens. Some of the best practices followed at our Institute are mentioned below:

A. Green and Eco-friendly Campus

The primary objective of initiating the concept of green campus is to lay great emphasis on various practices related to environment and sustainability. This mainly consists of harnessing sustainable energy, water conservation and maintaining greenery. Rainwater harvesting and underground storage system, used water recycling system and renewable energy solar PV system of 600 kW (600 kW roof top) capacity have already been installed which has made our campus total green.

B. Student Empowerment

Students are the lifelines of any institute and thus need a profound care and attention for their development. The institute empowers the students through the following measures:

- **Discipline and Regularity:** We lay a great emphasis on discipline. The class attendance is regularly monitored by the respective batch counselors, HODs and by the central office. The parents of the students having less than 75% attendance are informed at regular intervals through telephone/e-mail/letter by mentors/counselors.
- **Communication Skills:** Special emphasis is given to improve communication skills of the students. In the first semester itself, we introduce the students to language laboratory to improve their listening, speaking and writing skills in the English Language. They are also tested on-line periodically for their proficiency.

- **Soft-Skills Training:** Soft skill training is imparted to students in the third and fourth semester by the faculty who are specially trained by Industry experts.
- **Campus Recruitment Training:** The training and placement cell of GIT organizes regular training sessions called CRT sessions along with detailed mock interviews to provide students with an edge to face the real placement drives.
- **NPTEL / Swayam Courses:** The institute is an active member of NPTEL and Swayam courses. The students and faculty members are encouraged to learn through various courses run by IITs and other prestigious universities.
- **Scholarships:** The institute provides scholarships to students based on need and academic excellence to support them continue their studies.
- **Financial Support:** Financial support to students for participation in National/International events.
- **Extra-curricular Activities:** The institute devotes weekly dedicated hours to extra-curricular activities through various technical and non-technical clubs operating with a potential participation of students and teachers. Extra-curricular and co-curricular activities including games and sports are regularly organized. The students are encouraged to participate in games at the state and national level.

Incubation Cell: The institute has a dedicated incubation cell that promotes aid in constructive research projects.

- **Registered Alumni Society:** The institute has a registered Alumni society since July 2016 to promote and encourage a continuing interest in and loyalty to the institute.
- **Security & Safety:** The institute has separate hostels & mess for boy and girl students. Entire campus including lecture theaters and labs is under CCTV surveillance for security and safety.

C. Social-Responsibility

The students and staff members are regularly reminded about their social responsibilities. Our institute has been felicitated in the past by Hon'ble Governor of the State for our social responsibility.

- **Blood Donation Camp:** the institute organize blood donation camp every year where many students, faculty and staff donate their blood voluntarily. The institute keep record of prospective blood donors who can be contacted immediately if a request for blood is received from any hospital.
- **Village Adoption:** The institute has adopted five villages near Sanganer, Jaipur. These villages are called Sri Ram Ka Nagal etc. With reference to the adopted village, the institute aspires to bring constructive changes in the life of the villagers about educational and social issues. It also instils a feeling of service to society among the students studying in the institute. The programme is executed under the aegis of GIT NSS Unit.
- Several other social activities such as village upliftment, CLEAN- India, Swachh Bharat Pakhwada, Nukkad Natak, Education for under-privileged children etc. are also executed by our various students club of the Institute.

D. Faculty Development Initiatives

- **Faculty development Programme:** Every year in-house Faculty Development Programmes (FDP) are organized for faculty. Faculty members are encouraged to attend Staff Development Programmes (SDP) sponsored by AICTE, UGC, NITTR and other institutional bodies of repute along with seminars, symposia, workshops, conferences, etc.
- **Financial Support:** Financial assistance is granted to faculty to present research papers within and outside country.
- **Higher Qualification:** Faculty and staff members are encouraged to acquire higher qualifications.
- **Career Advancement Scheme:** Faculty and other staff members are promoted to the next higher designation through a scrutinized and systematic Career Advancement Scheme.

E. Awards and Recognitions

- The students securing desirable percentage in their semester wise result are awarded by institute scholarship in their next semester's tuition fee accordingly. Also the first and second rank students in a class are awarded by cash prize and trophy during the annual function.
- Competitions are held regularly among students under different student chapters and clubs and the winners and runner-ups are awarded prizes.
- Alumni Association organizes Alumni Meet every year and the alumni doing excellent work in their respective organizations are presented with 'PRIDE of GIT' award.
- The faculty members who publish good research paper in SCI journals are awarded certificate and cash prize and are felicitated on Teachers day every year.

F. In-house Publications

- ***The GIT Technido:*** To promote creative writing by the students and faculty, the Institute publishes the technical magazine 'Technido' Yearly.
- ***GIT Research Journal:*** The Institute also publishes GIT Research Journal annually and the faculty members who publish original research work in it are awarded certificates and are felicitated on Republic Day every year. The journal has its own ISSN No. and registered as IJRST.

G. Industry-Institute Interaction

As a part of the industry-institute interface, visits to industries are organized for students from time to time. Experts are also invited for talks from Industries and reputed Institutes. The institute is an advance partner with many corporate institutions and associates with them in their academic initiatives.

H. Annual Fest

The institute organizes a mega national level annual fest called as Vanquish (The Sports Meet) Jigyasa (Technical Competition) and Rudrika (Cultural competition). The idea is to provide students with the real facets of team- work, leadership skills and creativity. It is also a magnificent platform to break monotony for students, faculty and staff members. This is one time of the year when the hierarchical positions among administration and faculty blur to give space to great bonding.

I. Value Additions

The institute have implemented a value-added feature, i.e, Stake Holder Survey facility for students, Alumni, parents and staff members. This facility gives us an idea of improvement based on the feedback received.

Two best practices successfully implemented by the Institution in 2021-22

1. Student Centric Teaching Learning Process:

A student centric teaching learning approach is one that keeps student in centre and employs learning strategies that focus on students, and are student friendly. The institution employs a student centric teaching learning approach. Objectives of the teaching learning process are:

1. To add to their existing knowledge in a simple yet wholesome manner so as to make things easier to understand for them
2. To develop related skills in them. The Context for a past few decades it has been globally realized and accepted that the teaching learning approach has to be student centric for its best outcomes. A student centric teaching learning approach is one that keeps student in centre employing learning strategies focusing on students. For this purpose, it has made appropriate policies and viable plans. This includes identifying the types of learners and dealing with them accordingly, modifying the existing modes of teaching by making them more flexible, rich in variety, interactive, experiential, practical and inclusive of technology. The Practice in order to make teaching learning process student centric, different strategies are adopted which are enlisted below:

I. Proper information about the course undertaken: Students are informed in the beginning of the session about their programme outcomes, programme specific outcomes and course outcomes in different ways such as college website, departmental notice boards and classroom interactions. They are also informed about the courses contents of their respective courses. They are given a curriculum planning and evaluation blueprint to enable them to ascertain their learning goals.

II. Filling up the knowledge gap: Bridge programmes of one-week duration are run for the entry level classes to relate or fill the gap of their previous information with the course undertaken.

III. Identification of Slow and Advanced learners: Students are identified as slow advanced and moderate learners and strategies are adopted accordingly. These learner types are identified through personal interaction and mentor mentee interactions and mid-term tests. Tutorials and extra classes are held for the slow learners to bring them at par with other students, whereas advanced learners are assigned tasks such as project works, field work, assignments, presentations and seminars to promote them. Moderate types of learners are encouraged to improve their skills and fall in the category of advanced learners.

Outcome: The outcome of this effective teaching learning programme is the high success rate of the students of various classes, and it is also reflective in a good number of university top positions and merits and distinctions claimed by the college students.

2. Promotion to Research:

Objectives:

1. To promote research activities among the faculty so as to enrich their knowledge about the specific areas of study and to employ the benefits of the research outcomes for the betterment of the society.
2. To inculcate and develop research aptitude in the students so they may contribute to the field of research in future. The context Research in India for past few decades has begun to gather more attention. The institution too has policy of promoting research activities and for the purpose, it has made changes in the existing systems and met the requirements. It has procured needed infrastructure which included ultra-modern labs, computer systems with internet facility, a rich library linkage with access to online

information resources. The institution has successfully implemented these things. The Process in order to promote research, the institution ensures following things:

a) Research Infrastructure and Other Facilities:

1. Free internet access available to the faculty in their respective departments, labs, in the Centre of Excellence (AI) and the Central library of the College.
2. Permission to faculty members to use well equipped ultra-modern College labs for their research work
3. Around 25 labs for academic and research activities, in addition to an instrumentation lab particularly set up for research purposes.
4. DELNET linked central library having E-Journals, E-Books.
5. Subscription to national and international journals
6. Rich departmental libraries

b) Financial Support:

Encouragement is given to the teachers to participate, and present research paper/ posters etc. in national and international level conferences, seminars and workshops. For this financial assistance in the form of registration fee, is allowed to the participating faculty members. Financial aid if needed, is also provided for the organization of research activities such as seminars, conferences and workshops and to conduct research projects. Financial assistance is also provided for publication of research journals by different departments of the institution.

c) Involvement in Research Activities: The institution freely allows its teachers to get involved in research activities. Teachers are encouraged to earn Ph. D. degrees and required permissions are granted without any delay. Adjustments if needed are also made in case of teachers attending pre Ph.D. Coursework. Study leave is also allowed to the faculty, if demanded.

e) Guidance on Research activities: Teachers are provided guidance on initiating research activities. The faculty is informed in different ways about various funding agencies, funding schemes, and mechanism of applying for financial assistance. Special training sessions are organized to equip teachers with computer skills for research activities.

f) Research Centre: Considering research to be a significant element in the process of education, the institution has established research centers which include Centre of Excellence in Artificial Intelligence.

g) Ethical Support to Research: Faculty members contributing to research by earning research degrees, accomplishing research projects, attending international conferences abroad and getting their papers published in international journals of repute are honored in the annual prize distribution function of the institution in recognition of their research contribution and also to encourage the other faculty members.

h) Institution's Innovation Council: the institution has established Institution's Innovation Council to promote innovation & Entrepreneurship in students and faculty.

j) Involving Students in Research: The institution promotes participation of the student in research activities. Various departments do encourage students to learn the basics of research.

Outcome: As a result of the institutional practice of promotion to research, most of the teachers of the institution enrolled for Ph.D. degrees. More research publications including books and chapters were made

by the faculty members. Apart from over 36 presentations were made in different seminars and conferences besides over 25 faculty development activities including those on research training and IPR awareness have been organized by the institution.

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