

GURU NANAK INSTITUTE OF TECHNOLOGY

7.2 - Best Practices

Best Practice – I

Faculty Self-Appraisal Report Faculty Self-Appraisal Report is a systematic frame work designed based on UGC and AICTE guidelines to improve and enhance the teaching learning, research and innovations and involvement in curricular, co-curricular and extra-curricular activities and also involve in community services etc. Faculty will gain the knowledge and skills that help to train the students in day-to-day academic activities, industry interaction and innovative thinking. The Objectives of this practice is to evaluate the faculty performance in teaching learning and to involve the faculty to contribute for the development of the department/institution.

The main objective of GNIT is to give wide knowledge and encouragement to students to participate in different events like GO-CART and etc.

Best Practice – II

1. **Title of the Practice:** 'Industry Institute Interaction'
2. **Objectives:** The main objective is to establish and maintain relationships with the corporate world through MoUs, Centre of Excellence, sponsored projects, industrial visits and in-plant training programs for students and faculty members.
3. **The Context:** The institution has taken the initiative to interact with various industries through the Industry Institute Interaction committee that maintains professional relations with industries. Industrial visits are arranged for students and faculty members to gain practical exposure and keep abreast of their knowledge. To achieve academic excellence, students are encouraged to interact with industries and research organizations through FDP, industrial visits, sponsored projects, training programs, internships, consultancy etc. Industry professionals are regularly invited to share their knowledge with the students. It opens up a fresh avenue for enthusiastic young minds and faculty members to develop skills across diverse areas, including managerial skills, social responsibilities and Industry liaison.

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4. **The Practice:** To strengthen the Industry Institution Interaction, Institution is a member of reputed Industry professional bodies like IIC etc. The industrial liaison program is aimed at developing meaningful relationships with industries to create and strengthen mutually beneficial relationships between Institution and Industry.

- **Faculty Development Program** – To upgrade professional skills, various FDPs are conducted which includes interactive sessions by Industry experts and Industry workshops/training.

Encouraging academic staff and students to regularly complete the SWAYAM NPTEL Online Certification Courses and publish works in peer-reviewed journals.

The practice's goal is: Improving the standard of research publications. Keeping up with subject matter through SWAYAM-NPTEL courses.

The Context: Faculty or student research findings published in refereed/indexed journals ensure a better review of their work.

In addition, it enhances a faculty member's research profile in terms of their citation index, H-Index, etc.

Current subject knowledge must be updated on a regular basis in order for teachers to properly engage students in the classroom and for students to get ready for academic success.

The updating of subject matter is ensured by regular registration and completion of the pertinent SWAYAM-NPTEL Courses.

- **Student Development Program** – For the overall development of students, various programs are conducted like personality development, career counselling, technical competitions, industry training programs, industrial visits, add on courses etc.

Curriculum Review – The Institution has constituted an Academic Advisory Board which comprises experts from various industries. Their suggestions are incorporated into the curriculum through different add-on courses/guest lectures.

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- **International Linkages** – The institution is trying to build International linkages by availing membership of professional bodies, MoUs with various Industries and partnership between Industry and academia through consultancy. MoUs are signed with various companies and different activities such as project sponsorships, competitions, seminars, workshops and technical events are conducted.

5. Evidence of Success: The strategy of GNIT through G-CLIP has paid rich dividends
Placements: placements have gone up from a mere 32% in 2014 to 60% in 2020 despite the fact there is a slowdown in industrial and economic growth worldwide. In 2022, 335 graduates were placed with more than 50 students securing a gross package of Rs.6 Lakhs and more. In fact, in 2021-22, the highest paid offers were from such industrious giants like Amazon (33 Lakhs), Service now (25.3 Lakhs) . Student Progression: Number of students joining in universities abroad have gone up from 15% to 20% due to the improvement in the competency level.

6. Problems Encountered: Industry expects students to work full time for sponsored projects which is not feasible due to academic schedules.

- sometimes it is a hurdle to call speakers from prominent companies for expert sessions because of their busy schedules.