



1.1 Curriculum Design and Development

Guru Nanak institute of Engineering and Technology, Nagpur follows the curriculum designed by Rashtrasant Tukdoji Maharaj Nagpur University. In the beginning of academic year the institute prepares an Academic Calendar with consultation with Principal & heads of various departments and schedules an academic, evaluation and extra - curricular events. Develop various strategies for effective implementation of the curriculum. Each department has set Vision and Mission exclusive for the department, which are aligned with the Vision and Mission of the Institute. Program Educational Objectives (PEOs) & Program Outcomes (POs) are scripted for each program & Course Objectives & Course Outcomes (COs) are defined for each course (Theory & Practical). Lesson plans & subject course files are maintained by each faculty for their respective subjects allotted, which is reviewed on continuous basis by the review of monitoring committee.

The Subject is assigned to faculty members based on their experience & specialization by the HoD. Time Table In charges are assigned with responsibility of drafting timetable. ICT is used for effective teaching by the faculty members of various departments. Teaching & Learning methodologies include traditional (Chalk & Board) and technology-enabled methods.

As per the institute's policy, Book Bank facility is provided to all the students of the institute. The laboratory schedule is created by the relevant faculty. Continuous Internal Assessment includes Tests, Assignments, Quiz, Report Writing and Seminars throughout the semester are scheduled as per the academic calendar, usually two sessional examination and one internal examination are conducted & monitored by HODs and other institute level committee members. Internal examinations time table is displayed in the department, classroom notice board and social network group well in advance. Additional assignments are assigned to encourage students problem-solving abilities. Internal assessment test for Practical subjects viva and team work is also conducted as scheduled in the Academic calendar at the end of the semester. Seminar and projects are assigned to students as per the University regulations. Academic feedback is collected from the students after completion of the session for every



semester. Proper evaluation review of the results is carried out by the respective faculty and the HODs. Based on the performance of the students, the slow learners are encouraged to undergo Retest/Assignment/Quiz/viva/personal counseling. The progress of the students is regularly informed to their parent through direct communication.

Student counseling is to be done by teacher coordinators to motivate & counsel the students periodically for betterment of academic performance. Institute-parent interactive meetings are conducted to discuss the performance of the students for timely taking action. In order to enhance technical knowledge and industrial exposure, study tours, field project and industrial visits, technical competitions (Hackathon) and Guest lectures by eminent faculty are conducted. To keep abreast with the emerging technology and trends, the faculties are encouraged to participate in FDPs/STTPs/Refresher courses/workshops/industry-oriented courses so that they can deliver the theoretical concepts in curricular and co-curricular activities also the same is communicated to students. Delivery of curriculum is ensured by conducting Academic Audit by Academic Dean, HODs and IQAC Coordinators.