2.3.1 Studentcentricmethods,suchasexperientiallearning,participativelecrningandproblem -solvingmethodologiesareusedforenhancing learningexperiences using ICT Tools

For enhancing learning experiences,the faculty members adopt many ways, for example, lecturemethod, interactive method, project and field work method, computer-assisted method, experimentmethod etc. Teaching and learning activities are made effective by these practices.Many teachers usethe conventional black-board presentation methods, especially in mathematics, commerce andeconomics, where they teach mathematics and statistics as numerical solving. Also, some teachers usepower point presentations and computer-based materials. For, they use the lectures of you-tube tomake learning interesting besides the conventional oral presenting methods. Some **Student centricmethods**aregivenbelow:

Project methods: The project work stimulate student's interest on the subject and provide student anopportunity of freedom of thoughts and free exchange of different views. As per the requirement ofsyllabi, the project work is done.

Interactivemethods

The faculty members make learning interactive with students by motivating student participation ingroup discussion, role-play, subject quiz, news analysis, educational games, discussion and questionsand answers on current affairs, etc.

ICTEnabled Teaching:

ICT enabled teaching includes Wi-Fi enabled classrooms with LCD, Language Lab, Smart Class rooms,etc. The institution adopts modern pedagogy to enhance teaching-learning process. The institution hasthe essential equipment to support the faculty members and students.

Experientiallearning:

Experimental/Laboratory method is used in science subjects to acquaint the students with the factsthrough direct experience individually.

GroupLearningMethod:

GroupLearningmethodisnowbeingadoptedthroughWhatsAppgroup.Student sharetheirnotesandstudy material through this method.

Teaching Learning Process:

Hi-Tech Institute of Engineering & Technologybelieves in the adoption of students centric methodsto enhance student involvement asa part of participative learning and problem so ving methodology. Role Plays, Team works,Debates, Seminar Quizzes and case studies Specifically Students centric Teaching Methodsare reflectedin project work,FieldVisit,Industrialvisit&guestlectures. Specifically,thestudent'scentricmethodologyinclude.

I. ExperientialLearning
   1.1.1 Projectwork
   - Project work is organized intwoPhases
   - 1)Mini projectand
     2)MajorProjectsthisisanessentialelementofeachprogram
   - InternshiporFieldProjectsinindustry
   1.2 Participationincompetitionatvariouslevel
   - For Real time exposure students are encouraged toparticipated at National

andInternationalLevel

1.3 FieldVisits

- FacultyidentifiesandproposeAcademicallysignificantFieldvisitsandSurveys.

1.4 IndustrialVisits

- Departments Planand Organize theindustrial visits for students to provide exposureto industrialwork culture.

1.5 GuestLecture

- Guest lecture by eminent experts from industry and academics from across the worldareorganizedtosupplementtheteachingprocessandprovideexperientiallearning.

2. ParticipatedLearning

2.1 Role play

- Teachers adopt role play method especially in management and PG Technical coursesto supplementTeaching by wayofparticipativelearning.

2.2 Teamwork

- AllDepartmentsorganizestudentsactivitiestopromotethespiritofTeamwork.   The activities like tree plantation, health awareness camp and yoga activities help the students to learn art of living in a team for social and community welfare.

2.3 Debates

- Debates: Debates are followed in many of the subjects where students are required tocomewithdifferentopinions,thoughtprocessesthusthelearningprocessgetsjustified in theargue-mentalwayof learning.

2.4 Groupwork

- Practical and workshops in all individual and group work under the guidance ofteachersarealso conducted.

Dr. Pankaj Mishra
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28/1/23

3. ProblemsolvingMethodology

3.1 Casestudies

- Case study method is adopted in teaching learning process to make the students havelogical thinking and practical knowledge to develop problem solving ability. This iscommonly adopted in management programs as well as while teaching Businesslaw,cyber laws etc.

3.2. AnalysisandReasoning

- Allquestionsinexaminationarebasedonanalysisandreasoning.
- Free internet accessin the library and Wi-Fi facilities in campus promotes the habit ofself-learningand discussion.

3.3Discussion

- University follows the discussions methods in many of the subjects as it makes thestudents to think wide and participate in coming up with the opinions `&` suggestionstochecktheircurrentknowledge.Discussionsareheldbasicallyinsoftskills,managerialcommunications, business adoptionsetc.

3.4Quizzes

- Quizzesareconductedbysubjectteachersinallprograms.

3.5Research Activities

Research activities are conducted in each Department under the guidance of seniorfaculty where the students of different semester get knowledge about emerging areaand help themto promoteinResearch aptitude.

Teaching-learning methods adopted by the faculty members include Lecture Method, InteractiveMethod, Project-basedLearning, Computer-assistedLearning, ExperientialLearning, etc. The Teaching-learning activities are made effective through illustration andspeciallectures.LessonsaretaughtthroughPowerPointpresentationstomakelearninginteresting besides oral presenting methods.Lecture method: This conventional method iscommonly adopted by all teachers. This method facilitates the teacher to interpret, explain andrevisethecontentofatext-onlyforbetterunderstandingofthesubjectbythelearners.Interactivemethod:Thefacultymembersmakelear ninginteractivewithstudentsbymotivatingstudent participation in group discussion, role-play, subject quiz, news analysis, discussion, and questionsand answers oncurrentaffairs.

Departments provide an effective platform for students to develop the latest skills, knowledge, attitude, values to shape their behaviour in the correct manner. The departmentconducts innovative programs which stimulate the creative ability of students and provide themaplatformtonurturetheirproblem-solving skills and ensure participative learning.Thedepartment Implementsstudent-centricmethodsofenhancingthelifelonglearningskillsofstudents.

Faculty members make efforts in making thelearning activity more interactive byadoptingstudent-centricmethods.1.ExperientialLearning:Departmentconductsadd-onprograms to support students in their experiential learning. The department communicates thefollowingexperientiallearningpracticestoimprove creativityandcognitive levelsof thestudents –

• Laboratory Sessions are conducted with content beyond syllabus experiments.
•Projectdevelopmentonlatesttechnologiesbystudentswheretheyplatformtheirworkingmodelinthetechnical fest.
•IndustrialVisitstoengagetheminexperientiallearningwhilevisitingtheorganization.

2. Participatory Learning: In this type of learning, students participate in differentactivities such as seminars, group discussions, wallpapers, projects, and skill-based add-oncourses. Students are encouraged to participate in activities where they can use their specializedtechnicalormanagementskills.
•Annualculturalprogram–Thisisorganizedeveryyearforthestudentsofthedepartmenttogivean openingtotheircreativity.
•RegularQuizzes-Quizzesareorganized for student participation at intra or inter-department levels.
• Seminar Presentation –Studentsdeveloptechnicalskillswhilepresentingpapersinse minars.

4. Problem-solving methods: Department encourages students to acquire and develop problem-solving skills. For this, the department organizes expert lectures on different topics, participatein different technical tests and other competitions.
•Regular assignments based on problems
•Mini Project development
• Regular Quizzes
• Case studies discussion
• Class presentations
•Debates within the department event.