



Criterion 2 - Teaching-learning and Evaluation

2.1 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences and teachers use ICT-enabled tools including online resources for effective teaching and learning process

Response:

The faculties of the institute focus on student-centric methods in the teaching and learning process. The Institute has conducted the following student-centric activities to improve the quality of teaching-learning methods.

EXPERIENTIAL LEARNING

Experiential learning is a teaching method that focuses on helping students learn through direct experience. It can include hands-on activities, field trips, simulations and other interactive techniques. Practical classes are conducted in the laboratories of departments of Science, Chemistry, Botany, Zoology, Physics, Geography etc. Surveys methods are used by departments of Chemistry, Sociology, Economics, Botany and Zoology, and market surveys are conducted by Commerce, Economics. Project work is part of the curriculum in some courses, and subject experts guide students for the completion of their projects and dissertations. Teachers motivate students in the classroom to participate in Experiential Teaching-Learning.

Research Project and project work

Students are asked to complete research-based projects on topics related to their syllabus. Almost all final-year students of UG students undertake project work.

Field Visit, fieldwork and study tours

Departments arrange field visits to educationally essential areas. Industrial Visit: The Department plans and organizes the industrial visits. Guest lecturers: Departments organize Guest Lectures of eminent experts.

PARTICIPATIVE LEARNING

Participative learning is a teaching method that emphasizes student collaboration and participation in the learning process. This can involve students working in small groups, engaging in class discussions or taking on leadership roles in project-based activities.

GROUP DISCUSSIONS, SEMINARS AND DEBATES

In order to improve communication skills, idea generation and presentation skills, group discussions and debates are conducted.

TEAMWORK

NSS Department organizes activities like village adoption, Tree Plantation, Swatch Bharat Mission, etc.

GROUP WORK

Group activities, like workshops and poster presentations, are also conducted.

PROBLEM SOLVING METHODOLOGY

Problem-solving methodologies are teaching approaches that focus on helping students to develop the skills and knowledge needed to solve complex problems. This can involve the use of case studies, real- world scenarios or other types of problems that require students to apply their critical thinking and problem-solving skills.

CASE STUDIES

Case studies are used to increase students' participation and develop problem-solving skills.

QUIZZES AND COMPETITIONS.


The institute organizes quizzes to develop logical reasoning and problem-solving skills. Group discussions, Tests, Assignments, Numerical problems, Online/Offline Quizzes, Oral Question answering, and Projects are conducted. Free internet access in the library and Wi-Fi facilities encourage students to solve problems. Research activities are conducted under the guidance of teachers.

ICT TOOLS

ICT tools are technologies used to facilitate communication, access and process information and support teaching and learning. They can include computers, laptops, smartphones, software programs, apps and online platforms. By using student-centric methods such as experimental learning, participative learning and problem-solving methodologies, educators can create more engaging and effective learning experiences for their students. The college has quality projectors, laptops/computers, Wi-Fi, Pen Drives, Printers, Scanners, DVDs, and CDs, LMS through <http://jawaharvidyanow.com>, ZOOM, and Google Meet, Online quizzes and assignments, Online webinars and interactive sessions, Computer-Assisted-Learning MOOC platforms: SWAYAM.


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