

Executive Summary

Criterion 2: Teaching-learning and Evaluation

HBTU Kanpur has a privilege to cater students from diverse socio-cultural-economic backgrounds. The University provides Quality education at a reasonable fee structure along with ample opportunities for scholarships. Therefore, students from affluent as well as economically weaker backgrounds from both rural and urban outlook are naturally attracted to get higher technical education. A good number of students are in fact the first generation learner in their family.

The University assesses the learning level of the students after admission at various stages and organizes special activities and courses for slow and advanced learners. The University believes that every student has a different learning ability due to their diverse background.

The academic module for various programmes in HBTU is tailored to give a holistic learning experience to the students. Innovative teaching-learning strategies are employed that encourage students to participate and contribute to the learning experience of their peers. Some of the innovative techniques adopted by the faculty members towards student centric learning are Group/Collaborative class room activities, Flipped Class Room, Online Class Room Quizzes, experiment/ project based learning. Emphasis is given to Outcome-Based Education where a student achieves a goal by the end of the programme.

Faculty members are encouraged to organize and participate in various refresher programs to enhance their knowledge and skills, to prepare them for the role of motivator and guides both within and outside the classroom, to help students achieve their post-education goals. Teachers make use of ICT enabled tools including online resources for effective teaching and learning processes along with the conventional 'chalk and duster' method as both are complimentary to each other and having their own strengths and weaknesses. University has adequate number of Smart Classrooms and also facility for creating online learning resources.

Office of Controller of Examination (CoE) at the University understands its responsibility to make continuous improvement in evaluation system. The Office of CoE has fully integrated IT in the management of Examination System i.e., filling of Examination form, marks entry for mid semester / end semester, result preparation, result display, result correction and result analysis. Examination Management System is the part of ERP System and fully integrated with other subsystems of ERP. Final academic records of students are being published on **DigiLocker-National Academic Depository** for hassle free verification by employers.

Programme Outcome, Programme Specific Outcomes and Course Outcomes are well defined for each Programme run by the University. Question Papers are set as per Bloom's Taxonomy and due consideration is given for Course Outcomes. Result analysis is made based on attainment of Course outcome and Programme outcome. Provision of showing evaluated answer scripts ensure that student grievance is very less.