

Report of use of ICT Tools

ICT can enhance the quality of education in several ways by increasing learner motivation and engagement, by facilitating the acquisition of basic skills, and by enhancing teacher training. ICT is also a transformational tool that, when used appropriately, can promote the shift to a learner-centered environment.

Jagan Nath University on the basis of reviews of its teaching-learning process, pedagogical methodologies and learning outcomes at periodic intervals, has opted for a paradigm shift towards a highly weighted ICT structure. University has class rooms that are ICT based connected with wifi and projectors.

The University encourages intensive use of ICT enabled tools including online resources for effective teaching and learning process. In university, 30 classrooms and 40 labs are ICT enabled with projectors installed and the campus is enabled with high speed Wi-Fi connections of 1GBPS link from NKH. PPT/YouTube substances for most courses are available on university website. Each faculty is given desktop at their workstation, with internet/Wi-Fi to keep their learning upgraded with time and demand progress.

The University uses ICT for the teachers and students to make their classroom teaching more effective by making its judicious use. The students of the university are also benefited due to possibilities for interaction beyond the classroom through ICT. ICT enabled teaching-learning encompasses a variety of techniques, tools, contents and resources aimed at improving the quality and efficiency of the teaching-learning process.

Teachers of the university use a variety of media and technologies inside and outside the classroom to make their teaching effective and interesting.

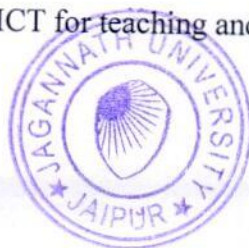
The University has undertaken a range of activities to support teaching and learning through use of ICT, but not limited to the following:

- Facilitate teachers to engage in selection and critical evaluation of digital content and resources (from Massive Open Online Courses - MOOCs, NPTEL etc.) to embed them teaching-learning process.
- Encourage teachers to contextualize open educational resources available on the Internet for the students of University and subsequently the teachers motivate the students for extensive use of free online recourses.



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- Encourage teachers to develop digital learning resources of their own. Facilitate teachers to collaborate and undertake projects to develop high quality digital learning materials for the students. The digital resources may include documents, presentations, animations, audio recordings and video clips.
- Zoom and Google meet are online platforms used for interactive teaching.
- Various E-conferences, seminars and webinars and E-quiz organized through these mediums
- Media lab facility is used to create video lectures and upload in University YouTube channel for students to use as extra learning material
- The PPTs are enabled with animations and simulations to enhance the effectiveness of the teaching learning process.
- Library offers a wide range of e-resources through I-Scholar, DELNET, INFLIBNET for all faculty and students.
- Online quizzes and polls are regularly used methods to record the feedback from all the stakeholders from time to time.
- Lab manuals are mailed to students well in advance through experiments which are performed
- LMS is available for helping teachers and administrators automate processes such as creating and managing assignments, generating tests and quizzes, and grading student work online.
- Students are motivated to visit various free website for e-contents e.g. e-PG Pathshala, Virtual Labs, NDL etc
- For promoting research work, all the research scholars are motivated to visit Shodhganga, e-ShodhShuddhi, Vidwan etc. including all the faculty members.
- Create appropriate online learning space through Learning Management System (LMS) to share the learning modules created by the teachers. Through LMS students will have authorized access to relevant modules.
- Facilitate synchronous (e.g. chatting) and asynchronous (e.g. e-mail and forum) communication channels between teacher and student for academic discussion.
- Provide real time sessions across the campuses through webinars and virtual classrooms.
- Provide smart board classrooms to enrich the curriculum by taking a typical lesson and turning it into a fun, more interactive one.
- Language learning and teaching is considered to be a complex process. To make such a complexity easier university has well ICT enable communication lab.
- Allow online completion of academic activities and submission of assignments, progress reports, internship certificates etc.
- Organize training on effective use of ICT for teaching and learning for every teacher.

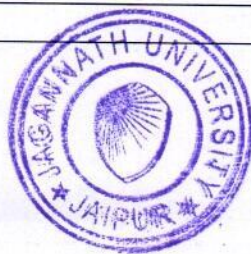


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- Provided facilities for online registration for examinations, and share results online.
- Students are informed time to time about examination schedules through website.
- Encourage teachers to use online testing system to be provided by the University for Internal and external assessment through online robust examination platform.
- Provide feedback to students on their performance on a regular basis through on-line.
- Create question banks and share them through Google Classroom and platform available on university website.
- Use ICT for improving the credibility of the examination by putting practices in place to check impersonation and other malpractices since the exam platform has AI based video proctoring.
- Class-coordinators play an important role in student support system. An online communication and information distribution channel between a class-coordinator and his/her students has been setup.
- Online support is given to drive University's centralized training and placement activity. Students are informed through email and whats app group time to time.
- Continuous strategic contacts are maintained with alumni through the use of ICT. An exhaustive alumni database has been prepared and made available to all the constituent institutions for use.

List of ICT Tools available

S.No.	ICT Tool
1	Laptop
2	Projectors
3	Smart Board
4	Microphones
5	Photocopier
6	Digital Camera
7	Printer
8	Biometric Machine
9	Webcam
10	CCTV Camera
11	Wifi Router
12	Scanner
13	Photocopier Cum Printer
14	Microsoft Agreement
15	Internet Connectivity
16	Zoom Platform
17	Communication Lab
18	Instant Messaging
19	Class recording camera
20	Media Lab



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