SANT HIRDARAM GIRLS COLLEGE, BHOPAL

Department of Education

Certificate Course in
"ICT in Teaching and Learning"

Academic Year- 2021-2022

Course Objectives:

> - Integrate ethically appropriate pedagogy of Information and Communication Technology (ICT) into Teaching- Learning Process for a given situation.
> - To helps teachers to offer quality e-content; both - education in classroom situation and to a large number of population in a structured, flexible, interactive, blended and open way.
> - To justify emerging views and trends of learning process for ICT enable learning.
> - To select appropriate emerging ICT strategy in Teacher and Learner Directed Learning situations.
> - To summarize the desired change in the roles and functions of e-tutors in using ICT for online teaching and learning.

Course Outcome:

The participants of this course will be able to:

> - To select an appropriate Information and Communication Technology (ICT) in Teacher Directed Learning (TDL) and Learner Directed Learning (LDL) situation.
> - To integrate an appropriate ICT pedagogy into Teaching-Learning Process (Open Educational Resources Video and Interactive video tutorials, Virtual Lab, Virtual Reality, Individualized learning, Blended learning and Flipped Learning, Small Private Online Course (SPOC), Massive Open Online Course(MOOC) and m-learning.
> - To fortify the ethical- intellectual property rights /copyright handling, legal, security and Software related issues in using ICT.

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Course Content

Course Duration: - 6 weeks

Fees:- Rs.100/-

Module	Content	Duration
Module 1: Education in Information age	➢ Emerging Views of Learning Process for ICT Enabled Learning. ➢ Emerging Trends of ICT Enabled Teaching and Learning. ➢ Roles and Functions of E-Tutor in Online Teaching and Learning, ➢ Benefits of ICT in Teaching-Learning activities and Educational Management.	2 Weeks
Module 2: Integrate ICT Pedagogy into Teaching-Learning process	➢ Pedagogical integration of appropriate emerging ICT strategy in Teacher-Directed Learning (TDL) situation ➢ Techniques for various learning Mode. ➢ Integration of Open Educational Resources, Virtual Lab, Video Tutorial & Interactive Video Tutorial, Virtual Reality in Teaching and Learning. ➢ Integration of Individualized learning with portable storage devices, Blended and Flipped Learning. ➢ Integration of SPOC, MOOC, and M-Learning in Teaching and Learning.	3 Weeks
Module 3: Ethical- Legal, Security and Software related Issues in using ICT	➢ Ethical- Intellectual Property Right and Legal Issues in using ICT. ➢ Security & Software related Issues in using ICT.	1 Week