

E-Teachers Course

Programme Objective:

Empower the teachers to enhance the teaching - learning process by using modern technologies and e-teaching tools.

Expected Outcome:

By the end of e-Teaching programme, the participants will be able to:

- Integrate latest technological tools into their lesson plans
- Devise and deliver more impactful learning experiences
- Make their sessions more interactive through a blended delivery mode.

Syllabus

| Theory | | |
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| Module | Chapter No. | Topic |
| Module – 1 Introduction to e-Teaching and the Teaching Tools | Chapter – 1 | Introduction to e Teaching and teaching-learning Tools |
| | Chapter – 2 | Motivating and engaging students in an online class |
| | Chapter – 3 | Blended and Flipped Learning in teaching and Learning |
| | Chapter – 4 | Role of m-learning, SPOC and MOOC in e-teaching |
| Module – 2 Planning of e-Teaching and Activities Involved | Chapter – 5 | Planning of e-Teaching using Open Platforms or LMS |
| | Chapter – 6 | Integration of Open Teaching - Learning Resources (Video Lectures, Interactive Video Lectures and Virtual Reality) |
| | Chapter – 7 | Integration of Open Virtual labs in practical performance |
| | Chapter – 8 | Lecture planning and time management in e-teaching |
| | Chapter – 9 | Integration of Individualized learning with portable storage devices |
| Module – 3 Content Creation for e-Teaching | Chapter – 10 | e-study material : prepare and publish on open publishing tools |
| | Chapter – 11 | Video lecture recording, editing and compressing using Open resources |
| | Chapter – 12 | Preparation of power point presentations and search open resources |
| | Chapter – 13 | Quality assessment of e-content |
| Module – 4 Assessment and Doubt Clearing | Chapter – 14 | Adapting a suitable Online Assessment Strategy |
| | Chapter – 15 | Integration of an open assessment recourse |
| | Chapter – 16 | Undertake student queries through online discussion forums and live-interactive sessions |
| Module – 5 License and Copyrights | Chapter – 17 | IPR and Legal Obligations in using Open Source Teaching Material |
| | Chapter – 18 | Data Security and Software related issues |

| Practical | | |
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| Module – 6 Practical | Practical -1 | Create and deliver an online lecture over e-teaching platform using all necessary teaching tools and the content supplements. |
| | Practical - 2 | Understand the digital literacy level of the students and making them proficient for the technologies to be used in e-teaching. |
| | Practical - 3 | Preparing Lesson Plans for online lectures |
| | Practical - 4 | Searching, enlisting and sharing the reference study material |
| | Practical - 5 | E-Content creation-1: E-notes, assignment and MCQs |
| | Practical - 6 | E-Content creation-2: Power Point Presentations |
| | Practical - 7 | E-content creation-3: Story board writing for graphics and animations |
| | Practical – 8 | Video Lecture Recording |
| | Practical – 9 | Live Lecture Delivery Through : Video conferencing tools i) Zoom ii) Google Meet iii) WebEx |
| | Practical - 10 | Application of interactive tools in live lectures (Microsoft Whiteboard) |
| | Practical – 11 | Sharing the e-study material using open source tools |
| | Practical – 12 | Live Debate and General Discussion |

Course Duration :

Theory : 18 Hours

Practical : 12 Hours