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Silver Jubilee Year 2020



Institute for Excellence in Higher Education  
(IEHE), Bhopal (MP)

**In-House Faculty Development Program**

**on**

**e-Content Development**

(14<sup>th</sup> to 20<sup>th</sup> July 2020)

**Organized by**

IQAC,  
Department of Physics & Electronics,  
Department of Computer Science and ICT Cell  
of

Institute for Excellence in Higher Education (IEHE),  
Bhopal (MP) 462003

## Preamble of the Program

**e-Content:** The emerging trend all over the world is towards more individualized and flexible forms of learning with an emphasis on the individual learning. The rapid development in the computer technology, together with the use of computers by the teachers, paved the way for the introduction of computers in teaching and learning. With the advancement of technology, the computer has become more user friendly, so the teachers can attempt to develop E-content.

Content production in the electronic format is the need of the hour. With the powerful medium namely internet, the content can be communicated to the needy target group with less cost and more effectively.

## Objective of the Course

At the end of the course, the participant teachers (Content-Writer/Subject-Matter-Expert) will be able to:

1. *Develop e-teaching materials in a creative way without IT expertise.*
2. *Enable exploration of more usable presentation in the context of e-learning content creation through models, practical examples and checklists.*
3. *Develop e-content using contemporary ICT.*
4. *Maintain uniformity and follow appropriate standards for interoperability.*

## E-Content Development Software

- Presentation Appl Packages: **PowerPoint-16/19, i-Spring Suit-9**
- Multimedia Software Platform: **Flash**
- Simulation Software: **SciLab 6.0.2 / 6.1.0**
- Video editing Software: **Movavi**

## About the Institute

**Institute for Excellence in Higher Education** is an 'A' grade state level academy, envisioned to be a center for academic excellence by the Govt. of Madhya Pradesh since its inception in 1995. Located in a lush green valley adjacent to Kaliasot Dam, WALMI Hills, Kolar Road, Bhopal. It is autonomous in academic, administrative & financial matters. The Institute sets new benchmarks for other institutions of the state. Started with only eighty-three students and limited faculty, the institute traversed a lot in every dimension of academics and in the 25<sup>th</sup> year, there are more than 3000 students and 125 academic regular & honorary faculties in Science, Commerce and Arts. More than 80% teachers hold doctorate degree. Almost all faculties are engaged in doing research work.

## Registration

The present FDP is only for the Regular & Guest faculty members of IEHE. Participants must register by filling the registration form provided on their login on IEHE portal. There is no fee for this program. Certificates will be provided based on full attendance and participation in the program. The name & designation on the certificate will be as per the online filled feedback form.

## Schedule of FDP

DAY ONE: 14<sup>th</sup> July 2020, Tuesday

Time	Session	Topic	Faculty
14:00 to 14:05	-	Welcome Address	Dr S S Vijayvargiya (Director, IEHE)
14:05 to 14:45	I	Participant's Entry behavior: Training, Education & Learning	Ajay Bhardwaj
14:45 to 15:20	II	Introduction & Objectives of the Course	Anuj Hundet
15:20 to 16:00	III	Roles and Responsibilities of Content-Writer/Subject-Matter-Expert (Overview of Four Quadrants Model & Discussing Elements of e-Content Module)	R K Shrivastava

**DAY TWO: 15<sup>th</sup> July 2020, Wednesday**

Time	Session	Topic	Faculty
14:00 to 14:40	I	<b>Process, Steps and Role &amp; Responsibilities in Development of e-Content Module</b>	Ajay Bhardwaj
14:40 to 15:20	II	<b>Content Development:</b> Storyboard; Instructional Design; Audio, Video, Image/Graphics	R K Shrivastava
15:20 to 16:00	II	<b>Content Development:</b> Transition, Animation & Simulation	Anuj Hundet

**DAY THREE: 16<sup>th</sup> July 2020, Thursday**

Time	Session	Topic	Faculty
14:00 to 14:40	I	<b>Demonstration cum Development of e-Content Module (ppt development):</b> Use of Template, Design & Slide Layout	Amit Jain
14:40 to 15:20	II	<b>Demonstration cum Development of e-Content Module (ppt development):</b> Tables, Charts, Shapes & SmartArt	R K Shrivastava
15:20 to 16:00	III	<b>Demonstration cum Development of e-Content Module (ppt development):</b> Animations & Transitions	Anuj Hundet

**DAY FOUR: 17<sup>th</sup> July 2020, Friday**

Time	Session	Topic	Faculty
14:00 to 15:00	I	<b>Inserting Graphics, Audio &amp; Video in the Presentation</b>	Amit Jain
15:00 to 16:00	II	<b>Inserting Animations, 3D Models, Screen Recording &amp; Record Slide Show</b>	Anuj Hundet

**DAY FIVE: 18<sup>th</sup> July 2020, Saturday**

Time	Session	Topic	Faculty
14:00 to 15:00	I	(i) <b>Importance of Flash integration in the development of e-Content</b> (ii) <b>Use of video editing software Movavi</b>	Abhishek Chouhan
15:00 to 16:00	II	(i) <b>Inserting In-Video Quizzes in the e-Content (Templates of PowerPoint &amp; iSpring Suit-9)</b> (ii) <b>Converting presentations into video (mp4) file</b>	Anuj Hundet

**DAY SIX: 20<sup>th</sup> July 2020, Monday**

Time	Session	Topic	Faculty
14:00 to 15:00	I	<b>Simulations in the development of e-Content: Introduction to SciLab</b>	Amit Jain
15:00 to 16:00	II	<b>Simulation through SciLab</b>	Anuj Hundet
16:00 to 17:00	III	<b>Open Session &amp; Feedback of Participants</b>	Anuj Hundet Ajay Bharadwaj R K Shrivastava Amit Jain