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MANIPAL UNIVERSITY JAIPUR TEACHER EMPOWERMENT CENTRE (MUJ-TEC)

A report on

A Pedagogy Workshop

on

Effective Teaching-Learning Environment using ICT Tools

11-13 July 2022

Dr. Shalini

Introduction of the Event

Welcome to the Pedagogy Workshop on Effective Teaching-Learning Environment using ICT Tools. This workshop has been designed to equip educators with the necessary skills and knowledge to create an engaging and interactive learning environment using Information and Communication Technology (ICT) tools. With the advent of digital technology, the traditional methods of teaching and learning are evolving rapidly. Today's students are digital natives, and they require a learning environment that is dynamic, interactive, and engaging. This workshop aims to provide educators with insights into how to integrate technology into their teaching practices to create a more effective learning environment. The workshop will cover topics such as the use of multimedia resources, online learning platforms, and collaborative tools to enhance teaching and learning experiences. Through this workshop, educators will learn how to effectively leverage technology to engage students, enhance their learning outcomes, and create a meaningful impact on their lives. Join us for this exciting journey of learning, exploration, and innovation in education

Objective of the Event

The objective of the Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools" is to provide educators with the knowledge and skills necessary to create an engaging and interactive learning environment using Information and Communication Technology (ICT) tools. The workshop aims to:

1. Explore the benefits of using ICT tools in the classroom and how they can be used to enhance teaching and learning.
2. Provide practical guidance and hands-on experience on how to effectively integrate ICT tools into teaching strategies.
3. Demonstrate how ICT tools can be used to create engaging and interactive lessons, promote collaboration, and increase student engagement.
4. Provide an opportunity for educators to share best practices and learn from each other's experiences.
5. Enable educators to design and implement effective assessments using ICT tools.
6. Foster a culture of innovation and creativity in the classroom, encouraging educators to think outside the box and explore new ways of teaching.

By the end of the workshop, participants will have a deeper understanding of how to use ICT tools to create an effective teaching-learning environment that fosters student engagement, collaboration, and success.

Beneficiaries of the Event

The Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools" is beneficial for a wide range of educators, including:

1. Teachers at all levels: The workshop is relevant to teachers in primary, secondary, and tertiary education who are looking to enhance their teaching practices using ICT tools.
2. Teacher educators: Teacher educators who are responsible for training and supporting teachers can benefit from this workshop by gaining a deeper understanding of how to integrate ICT tools into teacher training programs.



3. Educational administrators: Administrators who are responsible for developing educational policies and strategies can benefit from this workshop by gaining insights into how to create a culture of innovation and creativity in the classroom.
4. Curriculum developers: Curriculum developers can benefit from this workshop by gaining insights into how to design and implement effective assessments using ICT tools.
5. Education policymakers: Education policymakers can benefit from this workshop by gaining insights into how to support and promote the use of ICT tools in the classroom to improve learning outcomes.

Overall, the workshop is relevant to anyone who is interested in creating an effective teaching-learning environment using ICT tools, regardless of their role in the education sector.

Dr. Shalini

Details of the Event:

Workshop on "**Effective Teaching-Learning Environment using ICT Tools**" between **11-13 July 2022** from **10:00-12:00 PM** at **2AB-015**. The workshop was coordinated by **Dr. Gaurav Kataria**, Assistant Professor, Department of Chemical Engineering, MUJ. The objective of this workshop was to enhance the teaching and learning skills of newly joined faculty members. This workshop focused on two ICT platforms: *OneNote and Latex*.

Day-1

On the first day (11 July 2022), a talk and hands-on was delivered by **Dr. Gaurav Kataria**, Assistant Professor, Department of Chemical Engineering, Manipal University Jaipur on the LaTeX software.

The lecture covered the broad topics of using an open-source typesetting tool LaTeX. The lecture started with the topic of the basic introduction of the software and its installation and ended with the basic syntax for the article writing. The minor topics included were the use of common commands like changing the normal text to bold, italic, typewriter-style, etc.

The lecture was attended by a total of 10 faculty members and shared a good response in the form of physical interaction and feedback taken at the end of the workshop.

Day-2

On the second day (12 July 2022), a talk and hands-on was delivered by **Dr. Gaurav Kataria**, Assistant Professor, Department of Chemical Engineering, Manipal University Jaipur on the LaTeX software.

The lecture covered the broad topics of writing a report and an article in an open-source typesetting tool LaTeX. The lecture started with the topic of using special characters and ended with the inclusion of references using the BibTex format. The other topics included were the use of addition of tables, figures, etc.

The lecture was attended by a total of 18 faculty members and shared a good response in the form of physical interaction and feedback taken at the end of the workshop.

Day-3

On the third day (13 July 2022), a talk and hands-on was delivered by **Prof. D. P. Sharma**, Professor, Department of Information Technology, MUJ on the OneNote software.

The lecture covered the broad topics of using a highly efficient online teaching tool OneNote. The major topic covered in the talk was the use of workspace in OneNote which can be accessed and edited by students or by the other teacher only. The other topics included writing styles, text to speech, assigning assignments and homework, etc.



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The lecture was attended by a total of 19 faculty members and shared a good response in the form of physical interaction and feedback taken at the end of the workshop.

D. Sharma

Photographs:



Fig. 1 Participants on Day-1



Fig. 2 Lecture on *LaTeX* delivered by Dr. Gaurav Kataria on Day-1

D. Sharma

The lecture was attended by a total of 18 faculty members and shared a good response in the form of physical interaction and feedback taken at the end of the workshop.

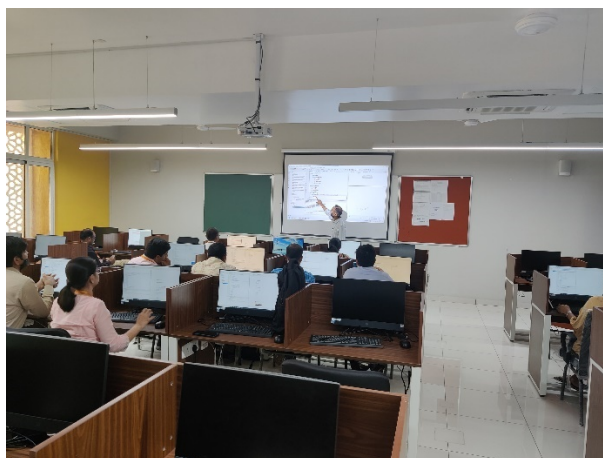


Fig. 3 Lecture on *LaTeX* delivered by Dr. Gaurav Kataria on Day-2



Fig. 4 Participants with Resource Person Dr. Amit Kumar Bairwa on Day-2

Dr. Gaurav Kataria



Fig. 5 Lecture on *OneNote* delivered by Prof. D. P. Sharma on Day-3



Fig. 6 Participants on Day-3

D.P. Sharma

Schedule of the Event:

Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools"			
Session	Topic	Resource	Date/Time
I	open-source typesetting tool LaTeX	Dr. Gaurav Kataria Department of Chemical Engineering, Manipal University Jaipur	11 th July 2022 10:00AM- 12:00PM
II	open-source typesetting tool LaTeX	Dr. Gaurav Kataria and Dr. Amit Kumar Bairwa Manipal University Jaipur	12 th July 2022 10:00AM- 12:00PM
III	OneNote software	Prof. D.P. Sharma Professor Department of Information Technology Manipal University Jaipur	13 th July 2022 10:00AM- 12:00PM

Attendance of the Event**Attendance List****Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools"
11-13 July 2022**

S.No.	Emplid	Full Name	Department	11-Jul-22	12-Jul-22	13-Jul-22
1	MUJ1236	Mr. Siddharth Mishra	Architecture	P	P	P
2	MUJ1220	Dr. Suranjan De	Chemistry		P	P
3	MUJ1371	Ms. Jeevesh Sharma	Commerce	P	P	P
4	MUJ1361	Dr. Abhay Sharma	Computer Science and Engineering	P		P
5	MUJ1388	Mr. Rishav Dubey	Computer Science and Engineering		P	P
6	MUJ1383	Mr. Arpit Kumar Sharma	Computers and Communication Engineering		P	P
7	MUJ1385	Dr. Ajay Kumar	Computers and Communication Engineering	P	P	P
8	MUJ1386	Dr. Usha Choudhary	Computers and Communication Engineering		P	P
9	MUJ1390	Anshika Malsaria	Computers and Communication Engineering	P	P	P
10	MUJ1393	Nidhi Kundu	Computers and Communication Engineering	P		P
11	MUJ1396	Shikha Chaudhary	Information Technology	P	P	P
12	MUJ1381	Dr. Ashu Maharshi	Law	P		
13	MUJ1227	Dr. Jaivardhan S Rathore	Languages	P	P	P
14	MUJ1212	Dr. Naseeb Singh	Economics			
15	MUJ1168	Dr. Neha Singh	Languages		P	P

18	MUJ1380	Dr. Abhishek Baplawat	Law	P		
19	MUJ1391	Dr. Neha Grover	Physics		P	P
20	MUJ1173	Dr. Mainak Ganguly	Chemistry		P	
21	MUJ1176	Mr. Vinod Kumar	Computers and Communication Engineering		P	P
22	MUJ1179	Dr. Shweta Sharma	Information Technology		P	P
23	MUJ1195	Dr. Amit Hirawat	Computer Applications		P	P

Dr. Shweta

Link of the event on the MUJ website:

<https://jaipur.manipal.edu/muj/academics/teacher-empowerment-centre.html>

Feedback of the Event:

Feedback Form

Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools" 11-13 July 2022

Feedback for Pedagogy Workshop (July 11-13,2022)

14

Responses

01:55

Average time to complete

Active

Status

1. Whether the session will be useful/applicable in your work?

Definitely	10
Mostly	4
Somehow	0
Not at All	0



2. Whether the content of this session met your expectations?

Yes	13
No	0
Somehow	1



3. The time and mode was

● Comfortable	13
● Uncomfortable	1



4. Which topics or aspects of this session did you find useful and relevant?

● LaTeX	0
● OneNote	2
● Both	12
● None	0



5. Rate the facilitator for **OneNote**, based on Knowledge of content on a scale of points 1 to 3 scale (1 = Poor knowledge, 2 = Moderate knowledge, 3= Extensive knowledge)

● 1	0
● 2	3
● 3	11



6. Rate the facilitator for **Latex**, based on Knowledge of content on a scale of points 1 to 3 scale (1 = Poor knowledge, 2 = Moderate knowledge, 3= Extensive knowledge)



7. Rate the FDP facilitator for **OneNote** based on Well-preparedness on a scale of points 1 to 3 scale (1 = Poor preparedness, 2 = Moderate preparedness, 3= Extensive preparedness)



8. Rate the FDP facilitator for **Latex** based on Well-preparedness on a scale of points 1 to 3 scale (1 = Poor preparedness, 2 = Moderate preparedness, 3= Extensive preparedness)



9. Rate the FDP facilitator for **OneNote** based on Responsive to participants' questions on a scale of points 1 to 3 scale (1 = Poor, 2 = Moderate, 3 = Good)

● 1	0
● 2	2
● 3	12



10. Rate the FDP facilitator for **Latex** based on Responsive to participants' questions on a scale of points 1 to 3 scale (1 = Poor, 2 = Moderate, 3 = Good)

● 1	0
● 2	3
● 3	11



11. Would you recommend this to someone else?

● Yes	13
● No	1



12. What is your overall assessment of this session?

● Poor	0
● Fair	1
● Good	8
● Excellent	5



13. Comments and suggestions (including activities or initiatives for the future)

6
Responses

Latest Responses

"no"

"More time for hands on session, specially for LaTeX."

2 respondents (33%) answered **LaTeX** for this question.

workshop was really helpful
faculty staff hands on session
practice certain queries
facilitator were humble no certain commands til
connoisseur compulsory useful
Rest is fine
specific timing t
LaTeX session good

APSharma