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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

28-30 June 2022

Dr. Shalini

Introduction of the Event

Welcome to the Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools". This workshop aims to equip educators with the knowledge and skills necessary to create a dynamic and engaging learning experience using Information and Communication Technology (ICT) tools.

In today's rapidly changing world, educators must keep pace with the latest trends and technologies to provide the best possible learning experience for their students. The use of ICT tools in the classroom is becoming increasingly important, as they offer a range of benefits such as increased interactivity, accessibility, and engagement.

This workshop will explore the various ICT tools available to educators and how to effectively integrate them into teaching strategies to create an effective teaching-learning environment. Participants will learn how to use tools such as digital whiteboards, online collaboration platforms, multimedia resources, and educational software to enhance their teaching practices and engage their students.

Led by experienced educators and experts in the field of ICT, this workshop will provide practical, hands-on experience and guidance on how to incorporate technology into the classroom in a meaningful and effective way. Whether you are a seasoned educator looking to enhance your skills or a novice teacher interested in learning more about ICT tools, this workshop is an excellent opportunity to improve your pedagogical approach and help your students succeed in the digital age.

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.

D. Sharma

Details of the Event:

The Manipal University Jaipur-Teacher Empowerment Center (MUJ-TEC) organized a Pedagogy Workshop on "**Effective Teaching-Learning Environment using ICT Tools**" between **28-30 June 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 (28 June 2022), a talk and hands-on was delivered by **Prof. D. P. Sharma**, Professor, Department of Information Technology, School of Computing and IT, Faculty of Engineering, Manipal University Jaipur 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.

The lecture was attended by a total of 23 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 first day (29 June 2022), a talk and hands-on was delivered by **Dr. Varun Tiwary and Ms. Sakshi Shringi**, Assistant Professor, Department of Computer Science and Engineering, School of Computing and IT, Faculty of 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 21 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 first day (29 June 2022), a talk and hands-on was delivered by **Dr. Varun Tiwary** and **Ms. Sakshi Shringi**, Assistant Professor, Department of Computer Science and Engineering, School of Computing and IT, Faculty of 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 20 faculty members and shared a good response in the form of physical interaction and feedback taken at the end of the workshop.

Dr. Sakshi

Photographs:



Fig. 1 Group photo with the participants and speakers

B. Shalini



Fig. 2 Lecture on *OneNote* delivered by Prof. D. P. Sharma



Fig. 3 Participants on Day-1

D.P. Sharma



Fig. 4 Lecture on *LaTeX* delivered by Dr. Varun Tiwary and Ms. Sakshi Shringi on Day-2



Fig. 5 Participants on Day-2

B. Shringi



Fig. 6 Lecture on *LaTeX* delivered by Dr. Varun Tiwary and Ms. Sakshi Shringi on Day-3



Fig. 7 Participants on Day-3

Dr. Sakshi



Schedule of the Event:

Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools"			
Session	Topic	Resource	Date/Time
I	OneNote software	Prof. D.P. Sharma Professor Department of Information Technology Manipal University Jaipur	28th June 2022 10:00AM- 12:00PM
II	open-source typesetting tool LaTeX	Dr. Varun Tiwari and Dr. Sakshi Shringi Department of Computer Science and Engineering, Manipal University Jaipur	29th June 2022 10:00AM- 12:00PM
III	open-source typesetting tool LaTeX	Dr. Varun Tiwari and Dr. Sakshi Shringi, Department of Computer Science and Engineering, Manipal University Jaipur	30th June 2022 10:00AM- 12:00PM

Attendance of the Event

Attendance List

Pedagogy Workshop on "Effective Teaching-Learning Environment using ICT Tools" 28-30 June 2022

S.No.	Emp id	Full Name	28-06-2022	29-06-2022	30-06-2022
1	MUJ1164	Mr. Ankur Jain	P	P	P
2	MUJ1175	Ms. Punam Kumari	P	P	P
3	MUJ1176	Mr. Vinod Kumar	P		
4	MUJ1180	Dr. Jayesh Gangrade	P	P	P
5	MUJ1183	Mr. Anil Kumar	P		P
6	MUJ1185	Mr. Dhananjay Kumar Singh	P	P	P
7	MUJ1191	Dr. Asha Mamraj Sharma	P	P	P
8	MUJ1210	Mr. Abhay Kashyap	P	P	P
9	MUJ1213	Ms. Mukta Jangir	P	P	P
10	MUJ1221	Dr. Avanika Sinha	P	P	P
11	MUJ1223	Dr. Subhash Chandra Devrath	P	P	P
12	MUJ1224	Mr. Mohit Sharma	P	P	P
13	MUJ1228	Mr. Sanjeev Pareek	P	P	
14	MUJ1248	Ms. Smriti Saraswat	P	P	P
15	MUJ1356	Dr. Neha	P	P	P
16	MUJ1358	Dr. Himani Sharma	P	P	P



17	MUJ1363	Dr. Manoj Kumar Saini	P	P	P
18	MUJ1364	Dr. Mamta Soni	P	P	P
19	MUJ1127	Shweta Gakhreja	P	P	P
20	MUJ1138	ABHISHEK PANDEY	P	P	
21	MUJ1241	Dr Deepika Dhamija	P	P	P
22	MUJ1247	Trishna Chaudhuri	P	P	P
23	MUJ1357	Chandra Kant Upadhyay	P	P	P

B. K. Saini

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"
28-30 June 2022**

20

Responses

02:00

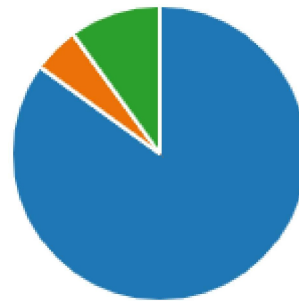
Average time to complete

Active

Status

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

● Definitely	17
● Mostly	1
● Somehow	2
● Not at All	0



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

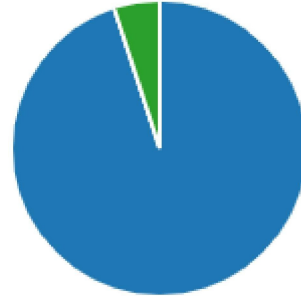


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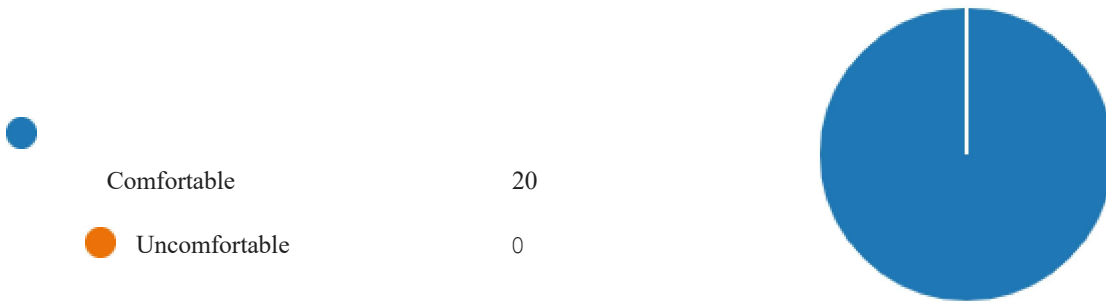
(University under Section 2(f) of the UGC Act)

● No	0
● Somehow	1

● Yes 19



3. The time and mode was

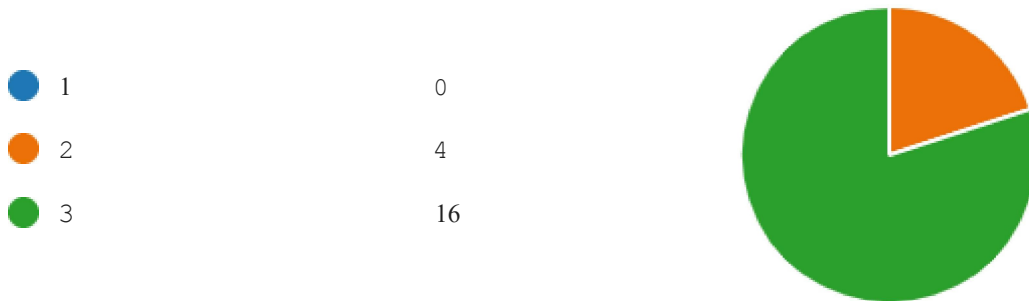


4. Which topics or aspects of this session did you find not useful and irrelevant?

20 Responses

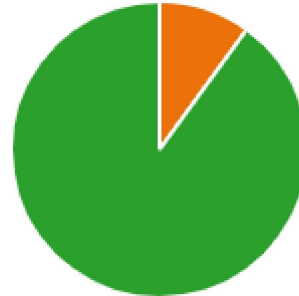
Latest Responses
 "None"
 "NONE"
 "Both Latex and OneNote"

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)





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)



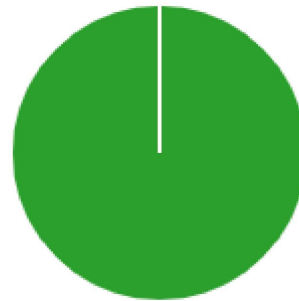
9. Rate the FDP facilitator for OneNote based on Responsive to participants' questions on a scale of points 1 to 3 scale (1 = Poor, 2 = Moderate, 3 = Good)

● 1	0
● 2	3
● 3	17



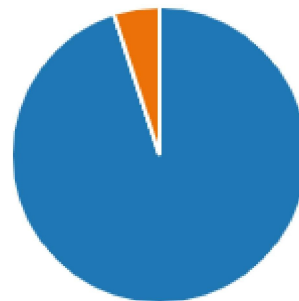
10. Rate the FDP facilitator for Latex based on Responsive to participants' questions on a scale of points 1 to 3 scale (1 = Poor, 2 = Moderate, 3 = Good)

● 1	0
● 2	0
● 3	20



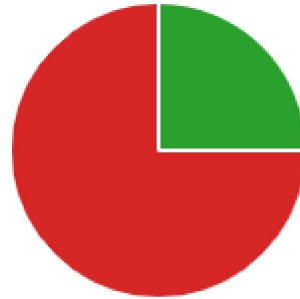
11. Would you recommend this to someone else?

● Yes	19
● No	1



12. What is your overall assessment of this session?

● Poor	0
● Fair	0
● Good	5
● Excellent	15



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

10

Responses

3 respondents (30%) answered session for this question.

active participation workshops interacti'
Looking forward latex Sakshi aura*
advanced session sessioiGNone Kataria
Assignments PPT Dr instructor Thanks for the sess
participants

Dr. Shalini

