G. S. Mandal's

Marathwada Institute of Technology Cidco, Aurangabad

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REPORT ON

FIVE DAYS ONLINE FDP ON

"ICT ICT TOOLS IN ONLINE TEACHING"

ORGANIZED BY

DEPARTMENT OF CS & IT (PG)

&

IQAC CELL

DURATION : 8TH JULY TO 12TH JULY 2020

1. BROCHURE

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Patrons

Dr. Y.A. Kawade
President, G.S.Mandal

Prof. Munish Sharma
Director General,
MIT, Aurangabad

Convener

Dr. Mahendra Kondekar
Principal

Coordinators

Mr. Shantanu Vyavahare
Head, Dept. of CS & IT(PG)
Dr. Shashibala Surapaneni
Assistant Professor

Committee Members

Asst. Prof. Ranjay Kale
Asst. Prof. Bhaskar Kadam
Dr. Sonal Buchhao
Asst. Prof. P. P. Ubale
Asst. Prof. Sheetal Chavan
Asst. Prof. Shirish Chavan
Asst. Prof. Sushama Sapkal
Asst. Prof. Neha Sahuji
Asst. Prof. Rutuja Sontakke
Asst. Prof. S.D.Mengde
Asst. Prof. S.W. Quadri
Asst. Prof. Vaibhav Joshi
Asst. Prof. S.V.Giri
Asst. Prof. V.S.Patil
Asst. Prof. V.S. Chakranarayan
Asst. Prof. O.P.Kalaskar
Asst. Prof. S.A.Pawar
Asst. Prof. M.V.Mulange
Asst. Prof. Ketan Katkar
Mr. Y.T.Deshmukh
Mrs. Vanita Susar
Mrs. Sunita Dandge

Organized by
Department of Computer Science and Information Technology (PG)

Five days Online FDP on "Use of ICT Tools in Online Teaching"
Duration: 8th July - 12th July 2020

About Institution

Gramaudyogik Shikshan Mandal (GSM), Aurangabad, Maharashtra, India is the parent trust (Organization) established in 1975 for the education, research & training cause. MIT offers wide range of courses for graduation level in faculty of - engineering & technology, management, architecture, science and nursing, for post-graduation programs in engineering & technology, management, information technology, and architecture, for vocational level - polytechnic, vocational programs, industrial skill set programs and technical school level programs.
MIT has developed strong linkages between industry, government & non-government organization.
The Marathwada Institute of Technology, CIDCO, Aurangabad, is the premier institute in Marathwada region of Maharashtra State. Established in 2001, by G.S.Mandal. The institution has well repute in a relatively short period of time. The institute is affiliated to Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.

About online FDP

This will be self-paced MOOC FDP and the learners will be engaged through Videos, LbD Quiz zes, Discussion forums and tasks for every day. This FDP has been designed for empowering teachers with modern pedagogy. The FDP is organized by Dept. of PG

Resource Person

1. Dr. Bhagwan Toksha, MIT, Aurangabad
2. Mr. Trishul Kulkarni, MIT, Aurangabad

Objectives of the refresher course

- Understand the role of ICT in Education.
- Apply ICT for Effective Educational Communication for their own course
- Execute Flipped Classroom
- Practice the Blended/Hybrid model of Education.
- Create and contribute to Online Educational Repository (OER)
- Apply Learning Management System like Moodle
- Introduction to virtual laboratory

Registration Link

2. COURSE HANDSOUT

Faculty Development Program
Use of ICT Tools in Online Teaching
From 8 July 2020 to 12 July 2020

Online Activity Schedule (Quiz 30 marks, Assignment 70 marks)	Wednesday, 8 July 2020	Thursday, 9 July 2020	Friday, 10 July 2020	Saturday, 11 July 2020	Sunday, 12 July 2020
Quiz(1 to 4) Assignment 1 to 6	Opens at 12 AM			Closes at 11:00 PM	
Peer Assignment 7: Think-Pair-Share Activity	opens for submissions at 12 AM		submissions deadline at 11 PM	Open for assessment at 00:00 AM	Assessment deadline at 1:00 PM
Peer Assignment 8: Creating Video for your own Classroom			submissions deadline at 11 PM	Open for assessment at 00 AM	Assessment deadline at 1:00 PM
Peer Assignment 9 : Google Form			submissions deadline at 11 PM	Open for assessment at 00 AM	Assessment deadline at 1:00 PM
Peer Assignment 10: Licensing your work					
Peer Assignment 11 : Moodle for your Course					Submissions deadline at 8:00 AM Open for assessment at 8:00 AM Assessment deadline at 2:00 PM

All course content is available through MOODLE site only. It is mandatory to sign up and upload all assignments on this site. Sign up with official @mit.asia email address. Preferably participant should have their own laptop and headphones. To access course content, quizzes and assignments follow this procedure	• Open https://tpkulkarni.gnomio.com • Click on login link at right top corner • Click the button "Create new Account ", fill in all details • After completing the form click on 'Create my New Account' • Activation link will be sent on email that you have provided • Activate your account by clicking link in email • Enroll yourself for course by entering key : ict • Access the course material

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3. DAY WISE REPORT WITH PHOTOGRAPHS

Report of Online FDP on Use of ICT Tools in Online Teaching

Duration : 08-07-2020 to 12-07-2020

Resource persons:

1. Dr. Bhagwan Toksha, MIT, Aurangabad
2. Mr. Trishul Kulkarni, MIT, Aurangabad

The Faculty Development Program (FDP) on "Use of ICT Tools in Online Teaching" was organized by the Department of Computer Science and Information Technology (PG) and IQAC, MIT CIDCO, Aurangabad during 8th July 2020 to 12th July 2020

The FDP was a five days program, where the learners will be engaged through Videos, LbD Quizzes, Discussion forums and tasks for every day. The FDP has been designed for empowering teachers with modern pedagogy. Role of ICT in this pandemic situation was greatly emphasized. The FDP mainly focused on use of flipped classroom and ICT for better teaching learning. The participants have benefited from the FDP and will start using flipped classroom and other ICT tools in their academic conduct.

The inaugural function began by appreciating the patrons of the FDP, Dr. Y.A. Kawade Sir, President G.S. Mandal and Prof. Munish Sharma Sir, Director General MIT, Aurangabad, for having provided the opportunity to the faculty of MIT cidco, for empowering themselves with the ICT tools required for online teaching. Later the resource persons Dr. Bhagwan Toksha and Mr. Trishul Kulkarni , Principal of MIT Cidco, Dr. Mahendra Kondekar, convener of the FDP and the participants of the FDP were welcomed to the program. The preamble was presented by Mr. Shantanu Vyavhare, coordinator of the FDP. In the presidential address, Dr. Mahendra Kondekar, Principal MIT Cidco and convener of the FDP, spoke about the need of being aware about the ICT tools in online teaching. He also briefed the participants about the resource persons. Dr. Bhagwan Tokasha is working as Assistant Professor at Maharashtra Institute of Technology, Satara parisar, Aurangabad. His area of specialization is Physics. He has more than 10 years of teaching experience. Mr. Trishul Kulkarni is working as Assistant Professor at Maharashtra Institute of Technology, Satara parisar, Aurangabad. His area of specialization is Mechanical Engineering. He has more than 13 years of teaching experience. The resource persons, besides having expertise in their domains of specialization, are also well versed with applications of ICT Tools. Both the resource persons have published research papers on effectiveness of ICT and MOODLE in teaching learning process besides having several publications in their own domains of specialization.

The FDP was conducted for five days. The details of the sessions for each day are elaborately explained.

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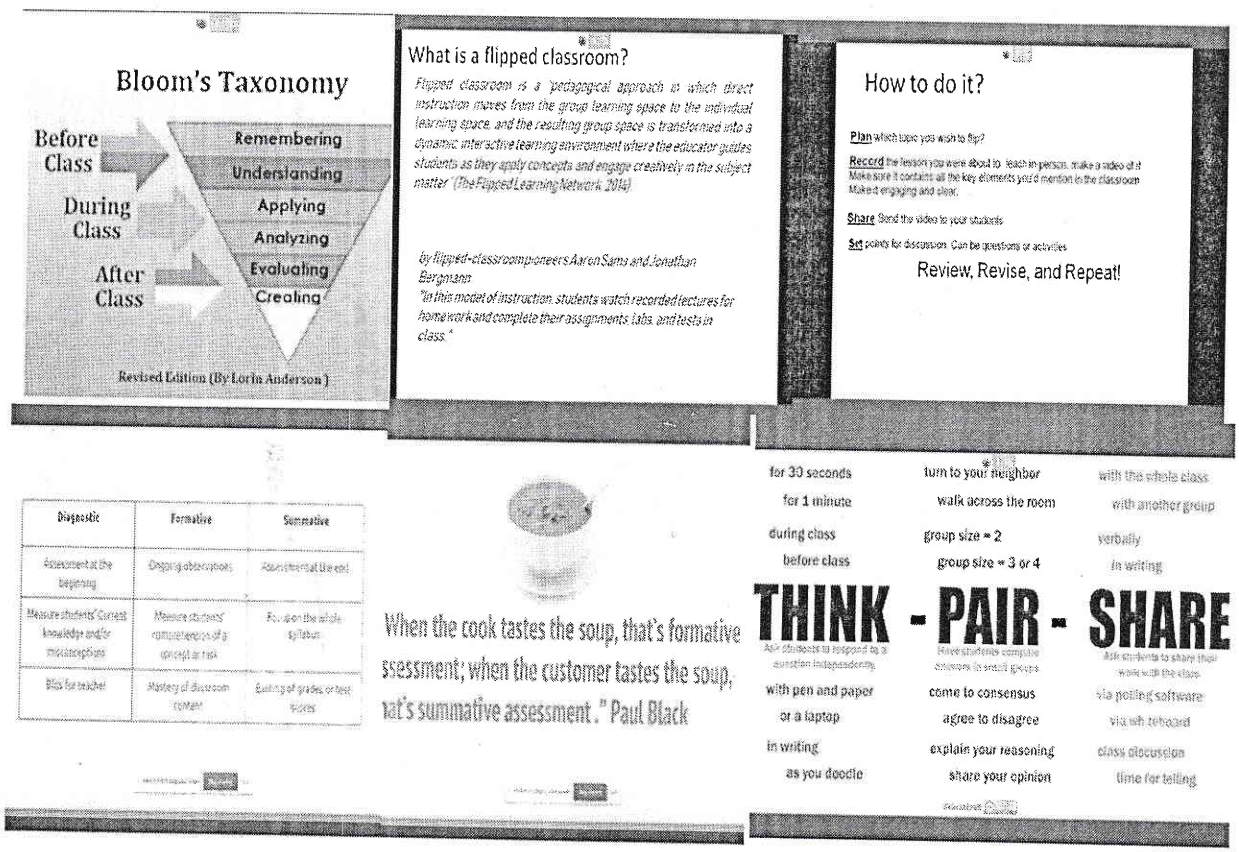
Day 1:

On the first day there was a brief introduction of the resource persons and the participants. In the first session the challenges in the traditional system were discussed. It is generally observed that in the traditional classrooms only a few students are attentive and mostly the assignment solving task is completed by them the rest of the students mostly do not submit or copy the given tasks without understanding. The attitude of students starts blaming teacher's class. So solution to this problem is a Flipped Classroom. The flipped classroom is a pedagogy tool used in blended mode as well as online teaching learning process. The basic concept of flipped classroom is that the teacher shares the relevant study material regarding the topic to the students before coming to the class and students become well versed with it.

Hence during the class discussions are held and the assignments regarding the topic are solved. So there is more student participation which in turn attracts more students to classroom. The techniques of Peer Assessment a where students discuss and teach each other and Think-Pair-Share, where the individual student thinks, shares concepts with his/her partner and finally discussion is held, were also discussed. The functionality of different assessment tools i.e diagnostic assessment, formative assessment and summative assessment were explained in detail.

Pictures of first day activities



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The second session was about MOODLE, the open source Learning Management System. The participants were made aware about of Gnomio, the popular training tool. All the participants were made to create accounts, so that the study material i.e the videos regarding the topics taken, tasks and assignments could be shared.

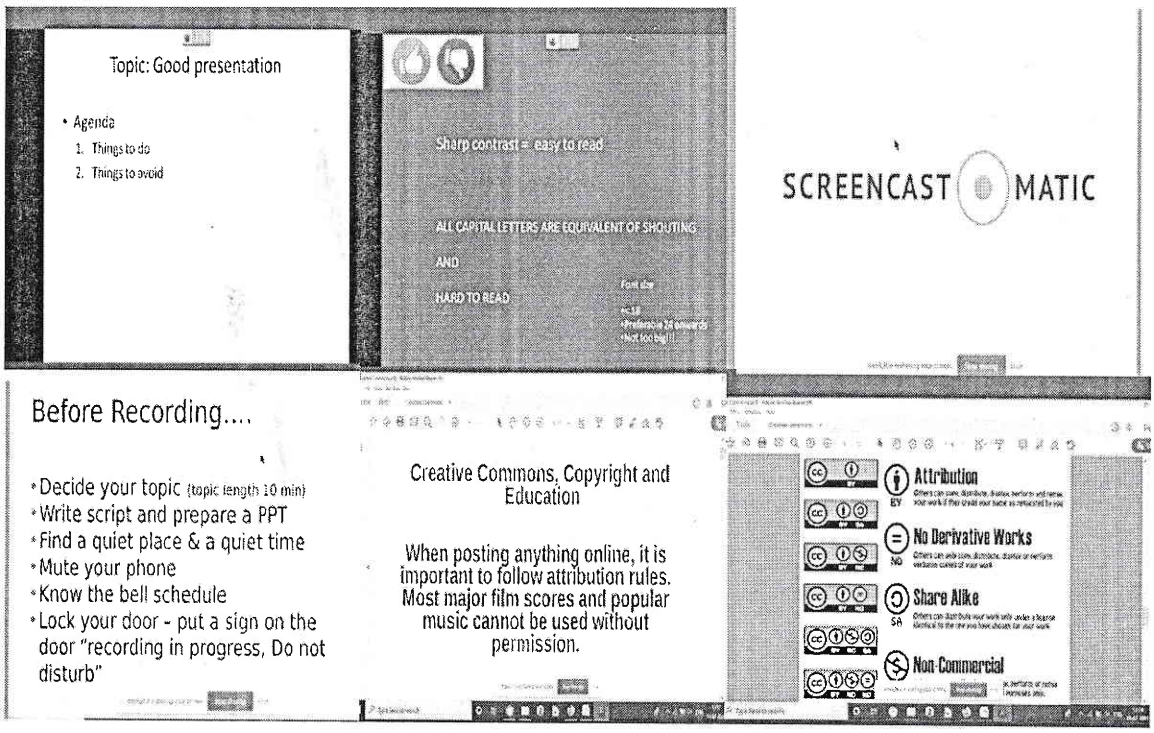
In the third session the participants were expected to complete the first day assignments in the given time duration.

Day 2:

On the second day of the fdp, Open Educational Resources (OER) creation Tools : Wiki page- PDF, PPT, Blog, Screen cast were covered. In the first session of the second day the doubts and queries regarding the topics and assignments delivered on the first day of the fdp were cleared by Dr. Bhagwan Toksha Sir and Trishul Kulkarni Sir.

The second session started with the topic blog preparation for making digital presence. The participants were guided to create their own portfolio for blog. The resource persons have expressed to the participants that a good impact can be created, with an impressive portfolio. In this session the participants were able to create their own blogs with the guidance of the resource persons.

Pictures of second day activities



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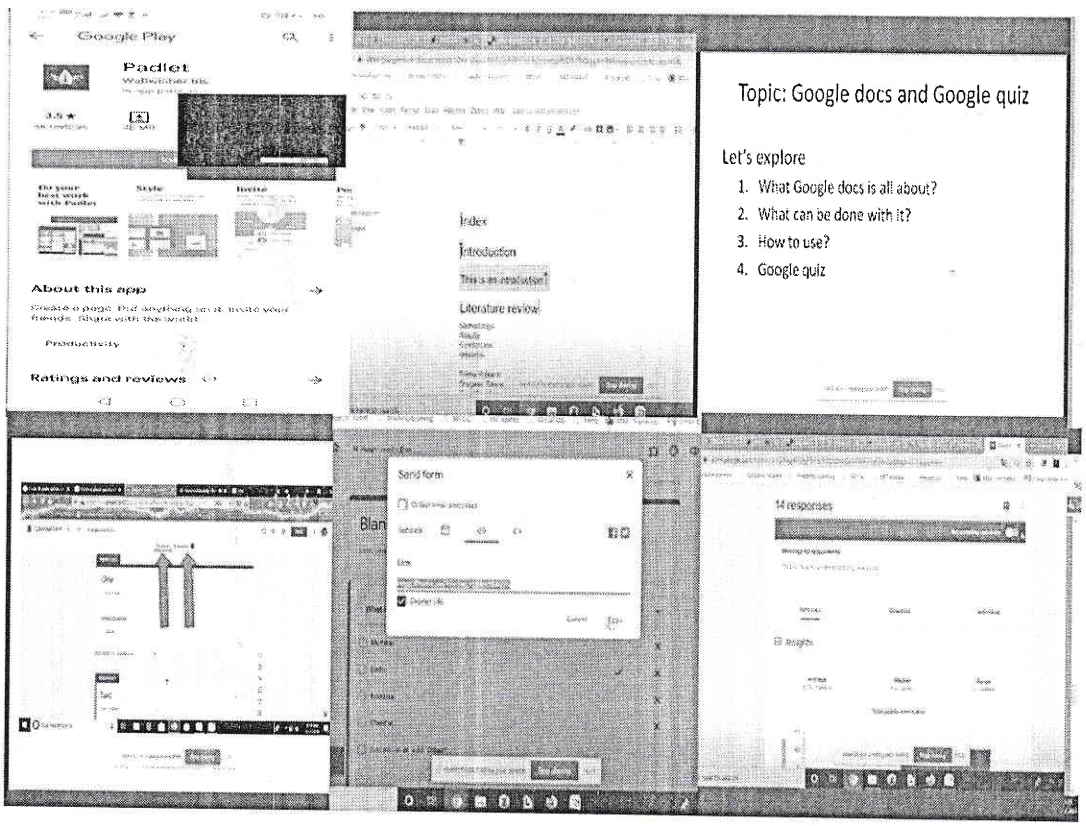
In the third session the participants were informed about some techniques for improvisation of the presentations they prepare for their lectures. Generally some rules like, use of proper contrast, tailor made bullets to make the presentation, addition of funny anecdotes to create interest among students, avoiding all capitals and putting too much text on the slides were discussed. The students remember the concepts if a good slide are shown to them. The participants were asked to add graphs and well labeled figures to make the slides impressive. The resource person continued with how to make video to be uploaded with the help of tools like screencast o matic. The participants were guided through the process of installation of the tools and the process of recording and posting the videos by creating youtube accounts. Later the assignments to be completed were given to the participants, which they could access through the gnomio site.

Day 3:

On the third day of fdp, the Open Educational Resources (OER) creation Tools were discussed, like: for validation (creative commons), feedback tools : plickers, Padlet, Google forms and Google Docs. In the first session of the third day the doubts and

queries regarding the topics and assignments delivered on the first day of the fdp were cleared by Dr. Bhagwan Toksha Sir and Trishul Kulkarni Sir.

Pictures of third day activities



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In the second session, these video created by resource person was shown, and a drill assignment was conducted to frame questions based on the video. To check whether the students are actually watching the videos they are provided and are able to understand the presented concept. This way the teachers would be able to keep a track on the academic progress of the students. The validation tool, creative commons was explained to the participants. The use and the importance of licensing our work were discussed. The purpose of the different licenses was briefed. Later the application of Padlet, a feedback tool was given by making the participants participate in the activity, designed by the resource persons.

Other feedback tools like Google Forms and Google Docs were also discussed. The resource persons emphasized the use of Google forms for creating survey forms and quizzes.

Day 4:

On the fourth day of the fdp, Moodle/ Drupal activities were covered: Creating course on Moodle, exploring Moodle. In the first session of the fourth day the doubts and queries regarding the topics and assignments delivered on the first day of the FDP were cleared by Dr. Bhagwan Toksha Sir and Trishul Kulkarni Sir.

In the second session the participants were briefed about the MOOC (Massive Open Online Classes), the online any point (anywhere) courses. It was told to the participants that Moodle is also a MOOC. A tour of available mooc courses offered by some prominent mooc providers like Coursera, Khan Academy, Swayam and others was taken. Here the resource persons emphasized that besides routine curriculum or domain areas, the participants can pursue courses which may be their hobbies or of interest. The participants were asked to enroll for any course of their interest. Most of the participants got themselves enrolled for some course which held their interest. Stress was laid by the resource persons on how the courses can help groom them in a positive manner with the help of their own example.

Pictures of fourth day activities

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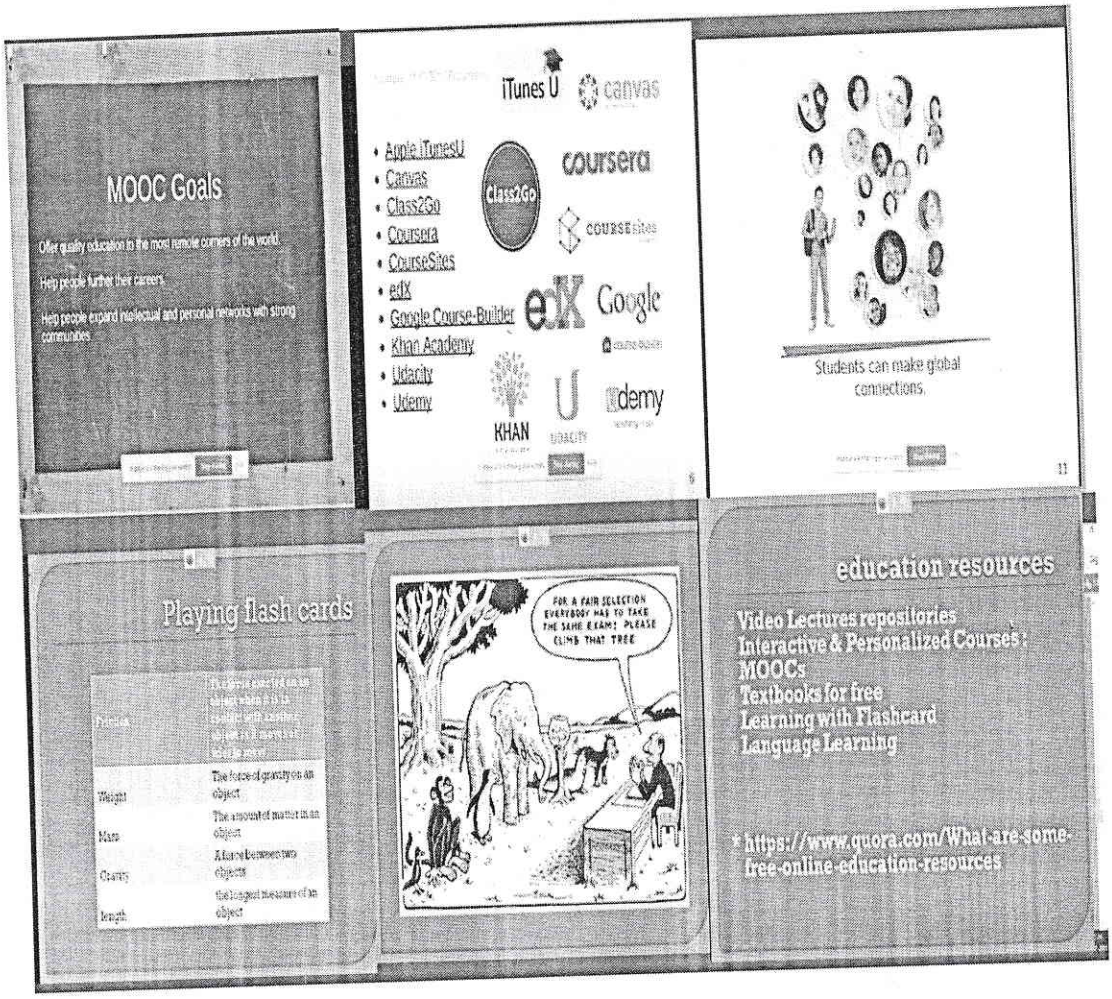

Day 5:

On the final day the resource persons explored the second Moodle activity i.e Adding contents to course and using Moodle App. In the first session of the final day the doubts and queries regarding the topics and assignments delivered on the first day of the fdp were cleared by Dr. Bhagwan Toksha Sir and Trishul Kulkarni Sir.

In the second session the participants were briefed about pedagogy in online teaching with the help of Bloom's taxonomy based on Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. Finally the importance of virtual

laboratory was discussed. It was brought to the knowledge of the participants, the different domains and topics available, which can be shared with the students. Resource person added their practical assignments in IIT virtual lab. This contribution of resource person in IIT repository was shown to the participants. The participants were impressed by the notable work of the resource persons and highly appreciated their efforts.

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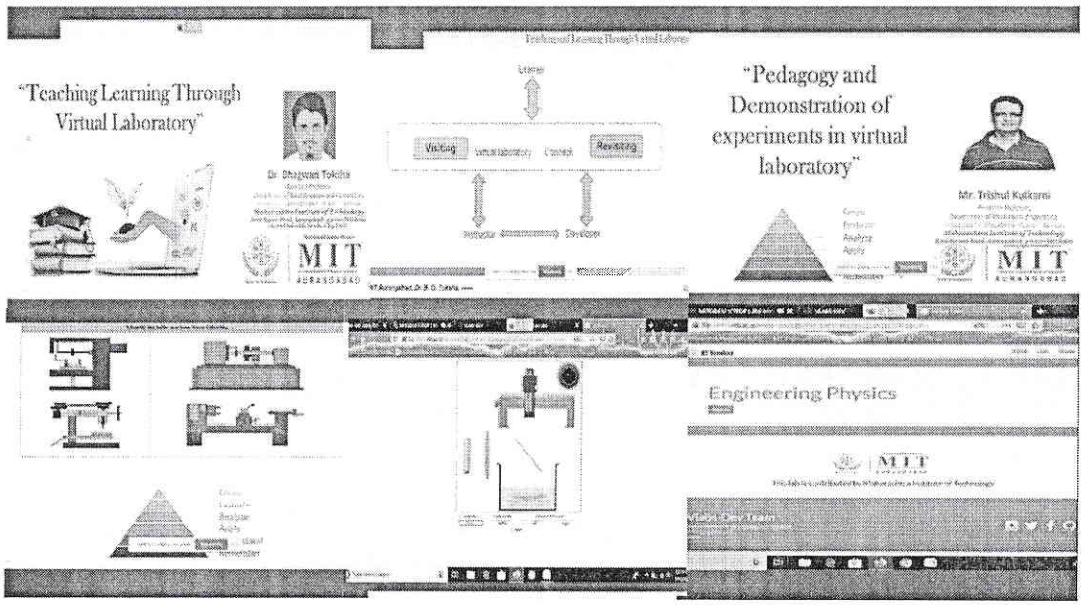
Pictures of fifth day activities



The valedictory event took off with the participants being overwhelmed. Everyone was very contented having added value to their existing knowledge. The participants had a feeling in general that they were well equipped with a huge collection of tools to handle the online teaching task. This knowledge would not only improve their skill set but also make online teaching a very interesting exercise for the students. The students will certainly be curious to enter the online classrooms and gain knowledge in a fun and learn method.

The efforts taken by the resource persons in designing the entire FDP is laudable. It was a very well designed, practical approach of training, valuable to anyone who wants to embrace ICT tools, in teaching. The dedication put in to select the different tools which would give maximum output is also commendable. Excellent presentation skills, organization and energy was exhibited by the resource persons. Last but not the least; the participants admired the immense amount of patience displayed by the resource persons in solving all the queries. The deadlines given for task completion added seriousness to the learning process.

The vote of thanks was proposed by Prof. Bhaskar Kadam. He thanked the patrons of the fdp, Dr. Y.A. Kawade Sir, President G.S. Mandal and Prof. Munish Sharma Sir, Director General MIT, Aurangabad , for giving the opportunity to the faculty of MIT Cidco to attend the fdp. He also thanked Principal of MIT Cidco, Dr. Mahendra Kondekar, convener of the FDP, for holding fdp. This fdp will certainly change the traditional teaching process. There would be Use of ICT Tools in Online Teaching, for certain.

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4. LIST OF PARTICIPANTS

List of Faculty who benefited from the Online FDP

S.no	Name of Participant	Department
1	Rutuja Sontakke	Department of cs and it
2	Vaibhav Vinod Joshi	Department of At/wt/rac
3	Onkar kalaskar	Department of At/wt/rac
4	Mayura Vijaykumar Mulange	Department of At/wt/rac
5	Sumit Ashok Pawar	Department of At/wt/rac
6	Vikas S Chakranarayan	Department of At/wt/rac
7	Surekha Dattatraya Mengade	Department of cs and it
8	Sheetal Mahesh Chavan	Department of management Science
9	Vijaya Sahebrao Patil	Department of At/wt/rac
10	Pradeep P Ubale	Department of cs and it (pg)
11	Dr. Sonal Dnyandeo Bachhao	Department of cs and it (pg)
12	Ketan Popatrao Katkar	Department of At/wt/rac
13	Shirish Annasaheb Chavan	Department of management Science
14	Dr. Shashibala Surapaneni	Department of cs and it
15	Sudhakar V. Giri	Department of At/wt/rac
16	Neha Anil Sahuji	Department of cs and it
17	Shantanu Vyavahare	Department of cs and it (pg)
18	Ranjay Udhavrao Kale	Department of management Science
19	Bhaskar Kadam	Department of management Science
20	Sushma Sapkal	Department of management Science
21	Sayed Waheeuddin Quadri	Department of cs and it

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5. SAMPLE CERTIFICATES

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NAAC Accreditation with 'B' Grade

Certificate of Participation

*This is to certify that Dr./Mr./Ms. Neha Anil Sahuji has successfully participated in the five days Faculty Development Program on "**Use of ICT Tools in online teaching**" Organized by Department of CS & IT (PG) and IQAC Cell, Marathwada Institute of Technology, CIDCO, Aurangabad conducted during 8th July 2020 to 12th July 2020.*

Dr. Bhagwan Toksha	**Mr. Trishul Kulkarni**	**Dr. Mahendra Kondekar**
Resource Person	**Resource Person**	Principal & Convener,
MIT, Aurangabad	MIT, Aurangabad	MIT, CIDCO

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Marathwada Institute of Technology, CIDCO, Aurangabad

NAAC Accreditation with 'B' Grade

Certificate of Participation

*This is to certify that Dr./Mr./Ms. Pradeep P Ubale has successfully participated in the five days Faculty Development Program on "**Use of ICT Tools in online teaching**" Organized by Department of CS & IT (PG) and IQAC Cell, Marathwada Institute of Technology, CIDCO, Aurangabad conducted during 8th July 2020 to 12th July 2020.*

Dr. Bhagwan Toksha	**Mr. Trishul Kulkarni**	**Dr. Mahendra Kondekar**
Resource Person	**Resource Person**	Principal & Convener,
MIT, Aurangabad	MIT, Aurangabad	MIT, CIDCO

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MARATHWADA INSTITUTE OF TECHNOLOGY, CIDCO, AURANGABAD

ACADAMIC YEAR 2020-21

NAME OF EVENT: A one day Training Program on "Use of Online Tools"

DATE: 04 March 2021.

LOCATION: MIT COLLEGE, CIDCO, AURANGABAD.

KEY PERSON: Asst. Prof. Neha Sahuji (MIT Cidco, Aurangabad).

A one day Training Program on "Use of Online Tools" was organized on Thursday, 4 March 2021 by College for Non Teaching faculty members (office staff). There were 03 participants who attended the training program. Asst. Prof. Vaibhav Joshi took the initiative to arrange the program with the help of Prof. Neha Sahuji.

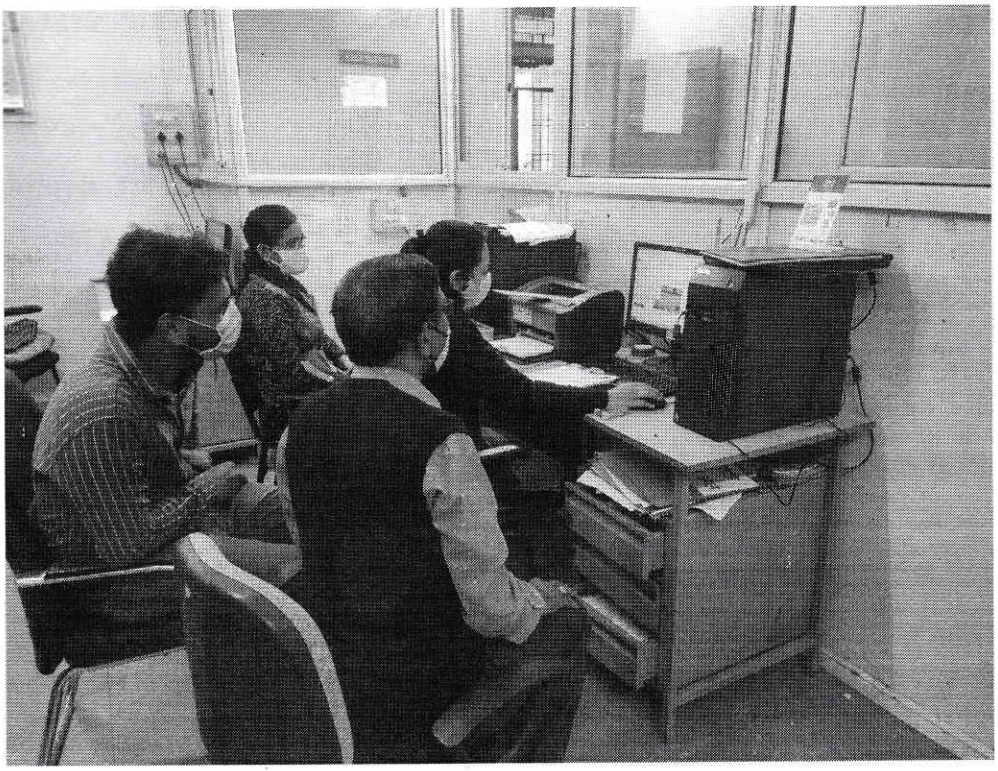
The purpose of this training was to train the office staff to know how to use different online tools such as Google drive, Google forms, Google Docs, Google Sheets, Google Slides.

In Session-1, Asst. Prof. Neha Sahuji discussed about the Google drive and how we can manage the files using Google drive very easily. He trained the participants through a demo of working of Google drive.

In Session-2, Asst. Prof. Neha Sahuji trained the participants through demo working of Google forms, Google DOCS.

Points Covered

- Google Drive
- Google Forms
- Google Sheets
- Google Docs
- Google Slide



Asst. Prof. Vaibhav Joshi
Asst. Professor
MIT CIDCO AURANGABAD

Asst. Prof. Neha Sahuji
Asst. Professor
MIT CIDCO AURANGABAD

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