A

REPORT

ON

IN-HOUSE INTERACTIVE VIRTUAL WORKSHOP

ON

DIGITAL TEACHING-LEARNING & EVALUATION

25th July 2020

Under

Internal Quality Assurance Cell
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE

(A Govt. Aided UGC autonomous & NAAC Accredited institute affiliated to RGPV, Bhopal
Race Course Road, Gola Ka Mandir,
Gwalior, M.P. 474005
Website: www.mitsgwalior.in

and

TEQIP – III

Technical Education Quality Improvement Programme

A Government of India Project Assisted by World Bank

Website: https://www.teqip.in/

Contents

NOTE-SHEET (PROPOSED SCHEDULE)

MADHAV INSTITUTE OF TECHNOLOGY &SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to RGPV, Bhopal).
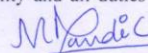
Notesheet

Date: 22/7/2020

Permission may please be given to conduct an **in-house interactive virtual workshop** on **"Digital Teaching-Learning & Evaluation"** under IQAC and TEQIP-III on 25th July 2020 as per the following schedule.

It is proposed to use zoom platform. The interactive workshop is proposed to be made compulsory for all regular & NPIU faculty members to ensure smooth & effective conduction of the July-December 2020 academic session in virtual mode with adherence to MHRD guidelines and **Institute Action Plan for Digital Teaching.** The proposed schedule is as given below:

Proposed Schedule

Timing	Sessions	Resource Person
2 PM to 2:15 PM	Introductory Address	Dr.R.K.Pandit
2:15 to 3:00 PM	• Conduction of on-line interactive classes using available platforms • Comparison of available platforms • Recording & uploading lecture videos • Do's & Don'ts (Effective use of Zoom, Google Meet, uploading on Youtube and google drive, with link on MOODLE)	Prof.RajniRanjansinghmakwana
3:00 to 3:45 PM	• Conduction of Virtual Lab • Use of Digital writing pad • Conduction of interactive classes, attendance on zoom • Additional features for ensuring learner attentiveness	Prof.Praveen Bansal
3:45 to 4:30 PM	• Use of Moodle: A virtual trip • How to Enroll Students in course • Students Attendance System • Uploading Study material, URL etc • Smart Quiz making • Generation of Grade Sheet	Mr. Atul Chauhan
4:30 to 5:00PM	Interactive Discussion & Question/Answer Session	Director & Workshop Conduction Team
5.0 PM to 5.10 PM	Quiz 10 min	Workshop Conduction Team
5.15 PM	Feedback	Workshop Conduction Team

It is proposed that the team constituted vide Order No 1013 dated July 1st 2020 to conduct the workshop on "'Digital Teaching Learning: Tools & Practices" may be assigned the above responsibility and all duties must be shared by the team members as performed for the earlier workshop.

Dean Academics
(Dr.ManjareePandit)

Submitted for approval

Approved.

(Director)

22.7.2020

ORGANIZERS

This In-House Interactive Virtual Workshop on Digital Teaching-Learning & Evaluation for Teaching & E-Contents Developments Tools has been jointly organized by MITS, Gwalior and TEQIP-III.

About MITS, GWALIOR

Madhav Institute of Technology and Science (MITS), Gwalior was established by His Highness Sir Jiwaji Rao Scindia, Maharaja of Erstwhile State of Gwalior, with an aim to create world-class quality Engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957. Since its inception, the institute has constantly strived for excellence and quality. Today the institute offers fifteen UG programmes along with research programmes leading to Masters degree in thirteen specializations and Ph.D. in various technical streams. Various departments of the institute have well equipped laboratories and experienced faculty. The institute is a minor QIP centre for Ph.D. programmes in five disciplines. The institute is also funded by the World Bank under TEQIP phase III to strengthen the quality of technical education.

About TEQIP-III

The Project, Third phase of Technical Education Quality Improvement Programme (referred to as TEQIP-III) is fully integrated with the Twelveth Five-year Plan objectives for Technical Education as a key component for improving the quality of Engineering Education in existing institutions with special consideration for the Low Income States and Special Category States (SCS) and support to strengthen few affiliated technical universities to improve their policy, academic and management practices.

OBJECTIVES OF WORKSHOP

In view of the present situation due to COVID-19 pandemic, the objective of the online workshop is to make the faculty members aware about the Digital Teaching practices and open source platforms available for the purpose. The workshop will enable and equip the faculty members to explore and use the available tools and techniques for online interactive teaching, e-content developments, effective delivery, peer group learning and various ICT initiatives of MHRD for the same.

In present times, enormous new possibilities present themselves where the teachers can make use of the advanced facilities to improve the teaching-learning experience. Availability of various audio-visual aids, possibility of pre-recording of lectures, flipped classes and many other on-line tools to choose from, empower the professors of present times as never before in the history of education.

KEY POINTS ABOUT THIS WORKSHOP

The IQAC of the Institute organized a one-day online workshop on 25.07.2020 on **"Digital Teaching-Learning & Evaluation"**. Given the prevailing COVID-19 situation, the faculty members of the Institute are conducting online teaching-learning activities successfully w.e.f. March 2020, further, this workshop was organized to share the best practices for the effective conduction of digital teaching through Interactive sessions delivered by **Prof. R.R. Singh Makwana, Prof. Praveen Bansal & Shri Atul Chauhan.**

- **Discussion was on the following key points along with a Question/Answer Session**:
  - *Conduction of online interactive classes using available platforms*
  - *Comparison of available platforms*
  - *Recording & uploading lecture videos*
  - *Do's & Don'ts (Effective use of Zoom, Google Meet, uploading on Youtube and google drive, with a link on MOODLE)*
  - *Conduction of Virtual Lab*
  - *Use of Digital writing pad*
  - *Conduction of interactive classes, attendance on zoom*
  - *Additional features for ensuring learner attentiveness*
  - *Use of Moodle:*
  - *A virtual trip*
  - *How to Enroll Students in the course*
  - *Students Attendance System*
  - *Uploading Study material, URL etc*
  - *Smart Quiz making*
  - *Generation of Grade Sheet*
- ➢ **The workshop was attended by 132 faculty members. After the sessions an online quiz was conducted and feedback was collected from the participants**
- ➢ **Golden badge was given to 80 faculty members based on their performance**
- ➢ **The feedback was given by 93 out of the 132 faculty members.**

TEQIP – III

Technical Education Quality Improvement Programme

SCHEDULE

Date: 25th July 2020		
Timing	**Sessions**	**Resource Person**
2:00 to 2:15 PM	Introductory Address	Dr. R.K.Pandit
2:15 to 3:00 PM	• Conduction of online interactive classes using available platforms • Comparison of available platforms • Recording & uploading lecture videos • Do's & Don'ts (Effective use of Zoom, Google Meet, uploading on Youtube and google drive, with a link on MOODLE)	Prof. Rajni Ranjan Singh Makwana
3:00 to 3:45 PM	• Conduction of Virtual Lab • Use of Digital writing pad • Conduction of interactive classes, attendance on zoom • Additional features for ensuring learner attentiveness	Prof. Praveen Bansal
3:45 to 4:30 PM	• Use of Moodle: A virtual trip • How to Enroll Students in course • Students Attendance System • Uploading Study material, URL etc • Smart Quiz making • Generation of Grade Sheet	Mr. Atul Chauhan
4:30 to 5:00 PM	Interactive Discussion & Question/Answer Session	Director & Workshop Conduction Team
5:00 to 7:20 PM	Quiz 10 min	Workshop Conduction Team

TEQIP – III

Technical Education Quality Improvement Programme

LIST OF GOLDEN EXPERT

Description	Golden Expert
Created on	Saturday, 25 July 2020, 12:13 PM
Image	

Golden Expert

This badge is currently available to users, and its criteria are locked. ❓ | Disable access

| Overview | Edit details | Criteria | Message | Recipients (80) | Endorsement | Related badges (0) | Alignments (0) |

1 2 »

Enrolment No ▲ / Name ▲	Date issued ▲	
Manjaree Pandit	Monday, 27 July 2020, 9:35 AM	View issued badge
PUNEET KUMAR NEMA	Sunday, 26 July 2020, 3:44 PM	View issued badge
Bhupendra Pandey	Sunday, 26 July 2020, 3:09 PM	View issued badge
Tarun Shrivastava	Sunday, 26 July 2020, 2:58 PM	View issued badge
Sharad Agrawal	Sunday, 26 July 2020, 1:17 PM	View issued badge
Hansnath tiwari	Sunday, 26 July 2020, 1:04 PM	View issued badge
Anshu Chaturvedi	Sunday, 26 July 2020, 12:51 PM	View issued badge
Rakesh Jadon	Sunday, 26 July 2020, 12:01 PM	View issued badge
AMRAT KUMAR DHAMNEYA	Sunday, 26 July 2020, 11:28 AM	View issued badge
RAHUL DUBEY	Sunday, 26 July 2020, 11:19 AM	View issued badge
RAKESH KUMAR NAIK	Sunday, 26 July 2020, 10:54 AM	View issued badge
Vishal Chaudhary	Sunday, 26 July 2020, 10:37 AM	View issued badge
Mahesh Parmar	Sunday, 26 July 2020, 10:02 AM	View issued badge
VIKAS YADAV	Sunday, 26 July 2020, 9:55 AM	View issued badge
PROF. AMIT KUMAR MANJHVAR	Sunday, 26 July 2020, 9:53 AM	View issued badge
Rakesh Narvey	Sunday, 26 July 2020, 9:03 AM	View issued badge
Rajeev Kansal	Sunday, 26 July 2020, 8:12 AM	View issued badge
DEOBRAT SINGH	Sunday, 26 July 2020, 7:58 AM	View issued badge
PRACHI SHARMA	Sunday, 26 July 2020, 7:52 AM	View issued badge
PANKAJ KUMAR	Sunday, 26 July 2020, 7:40 AM	View issued badge

Sanjay Tiwari	Sunday, 26 July 2020, 7:36 AM	View issued badge
SAURABH KUMAR RAJPUT	Sunday, 26 July 2020, 7:10 AM	View issued badge
NUPUR VERMA	Sunday, 26 July 2020, 12:33 AM	View issued badge
Deepak Kumar Jain	Saturday, 25 July 2020, 11:25 PM	View issued badge
PRATIBHA SINGH	Saturday, 25 July 2020, 11:18 PM	View issued badge
APRAJITA KUMARI	Saturday, 25 July 2020, 10:57 PM	View issued badge
Arun Wadhwani	Saturday, 25 July 2020, 10:46 PM	View issued badge
VIKRAM .	Saturday, 25 July 2020, 10:36 PM	View issued badge
RAHUL SAGWAL	Saturday, 25 July 2020, 10:30 PM	View issued badge
G K NAVEEN KUMAR	Saturday, 25 July 2020, 10:29 PM	View issued badge
Sulochana Wadhwani	Saturday, 25 July 2020, 10:28 PM	View issued badge
SHWETA KUMARI	Saturday, 25 July 2020, 10:25 PM	View issued badge
Deep Kishore Parsediya	Saturday, 25 July 2020, 10:15 PM	View issued badge
SHAILENDRA PRATAP SINGH	Saturday, 25 July 2020, 10:13 PM	View issued badge
Rajendra Gupta	Saturday, 25 July 2020, 9:47 PM	View issued badge
NIPUN GUPTA	Saturday, 25 July 2020, 9:20 PM	View issued badge
Vandana Vikas Thakare	Saturday, 25 July 2020, 8:22 PM	View issued badge
Anish P Jacob	Saturday, 25 July 2020, 8:09 PM	View issued badge
Vaibhav Shivhare	Saturday, 25 July 2020, 8:02 PM	View issued badge
Jaimala Jha	Saturday, 25 July 2020, 6:55 PM	View issued badge
Punit Johari	Saturday, 25 July 2020, 6:50 PM	View issued badge
SARVE ANTARAM NARAYAN	Saturday, 25 July 2020, 6:47 PM	View issued badge
Vedansh Chaturvedi	Saturday, 25 July 2020, 6:42 PM	View issued badge
VIKAS MAHOR	Saturday, 25 July 2020, 6:39 PM	View issued badge
Ankit Kumar	Saturday, 25 July 2020, 6:37 PM	View issued badge
Rakesh kumar Dubey	Saturday, 25 July 2020, 6:37 PM	View issued badge
CHETAN SHARMA	Saturday, 25 July 2020, 6:32 PM	View issued badge
Neha Bhardwaj	Saturday, 25 July 2020, 6:31 PM	View issued badge
SUBHAS CHAND PAL	Saturday, 25 July 2020, 6:30 PM	View issued badge
UTKARSH SRIVASTAVA	Saturday, 25 July 2020, 6:28 PM	View issued badge
Jyoti Vimal	Saturday, 25 July 2020, 6:25 PM	View issued badge
Garima singh Baghel	Saturday, 25 July 2020, 6:25 PM	View issued badge
Madhav Singh	Saturday, 25 July 2020, 6:25 PM	View issued badge
Ravindra Pratap Narwaria	Saturday, 25 July 2020, 6:22 PM	View issued badge

Karuna Markam	Saturday, 25 July 2020, 6:19 PM	View issued badge
SACHIN RAMESHRAO GEED	Saturday, 25 July 2020, 6:16 PM	View issued badge
VERSHA SINHA	Saturday, 25 July 2020, 6:08 PM	View issued badge
Ashish Patra	Saturday, 25 July 2020, 6:07 PM	View issued badge
Lav Upadhyay	Saturday, 25 July 2020, 6:07 PM	View issued badge
Himmat Ahirwar	Saturday, 25 July 2020, 6:05 PM	View issued badge
MIR SHAHNAWAZ AHMAD	Saturday, 25 July 2020, 6:04 PM	View issued badge
Dr. Amit Aherwar	Saturday, 25 July 2020, 6:03 PM	View issued badge
Swati Gupta	Saturday, 25 July 2020, 6:00 PM	View issued badge
KRISHAN KUMAR	Saturday, 25 July 2020, 5:59 PM	View issued badge
SANTOSH SAHU	Saturday, 25 July 2020, 5:56 PM	View issued badge
Sanjiv Sharma	Saturday, 25 July 2020, 5:55 PM	View issued badge
Shishir Dixit	Saturday, 25 July 2020, 5:55 PM	View issued badge
Jitendra Muthele	Saturday, 25 July 2020, 5:51 PM	View issued badge
Manish Dixit	Saturday, 25 July 2020, 5:49 PM	View issued badge
Chandra Shekhar Malvi	Saturday, 25 July 2020, 5:48 PM	View issued badge
Sulochana Nagar	Saturday, 25 July 2020, 5:48 PM	View issued badge
Parul Saxena	Saturday, 25 July 2020, 5:46 PM	View issued badge
Khushboo Agrawal	Saturday, 25 July 2020, 5:45 PM	View issued badge
Sunita Sharma	Saturday, 25 July 2020, 5:43 PM	View issued badge
SHIKHA JHA	Saturday, 25 July 2020, 5:41 PM	View issued badge
Hari Mohan Dubey	Saturday, 25 July 2020, 5:41 PM	View issued badge
Pooja Sahoo	Saturday, 25 July 2020, 5:40 PM	View issued badge
Dr Vijay Bhuria	Saturday, 25 July 2020, 5:08 PM	View issued badge
Aditya Kumar Agarwal	Saturday, 25 July 2020, 5:07 PM	View issued badge
Sanjeev Khanna	Saturday, 25 July 2020, 5:06 PM	View issued badge

FEEDBACK

their June 2020 examinations admit card # Online Examination Instruction Manual

Moodle Training

Dashboard / My courses / MT / Inhouse Interactive Virtual Workshop on "Digital T... / Feedback Digital Teaching-Learning & Evaluation / Analysis

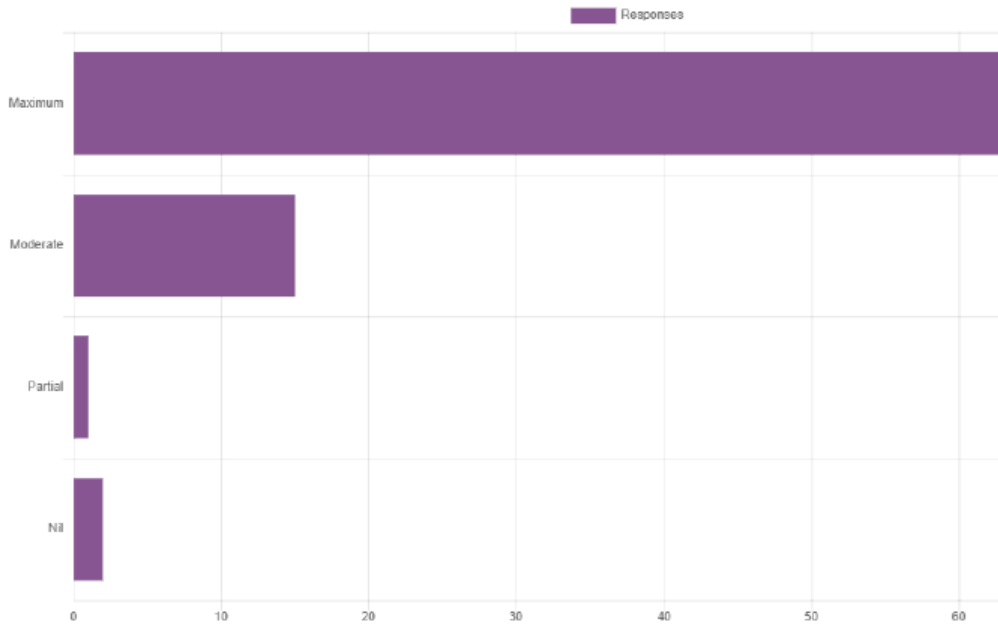## Feedback Digital Teaching-Learning & Evaluation

| Overview | Edit questions | Templates | Analysis | Show responses |

Visible groups | All participants |

Export to Excel

Submitted answers: 93
Questions: 8

Level of effort you put into the course

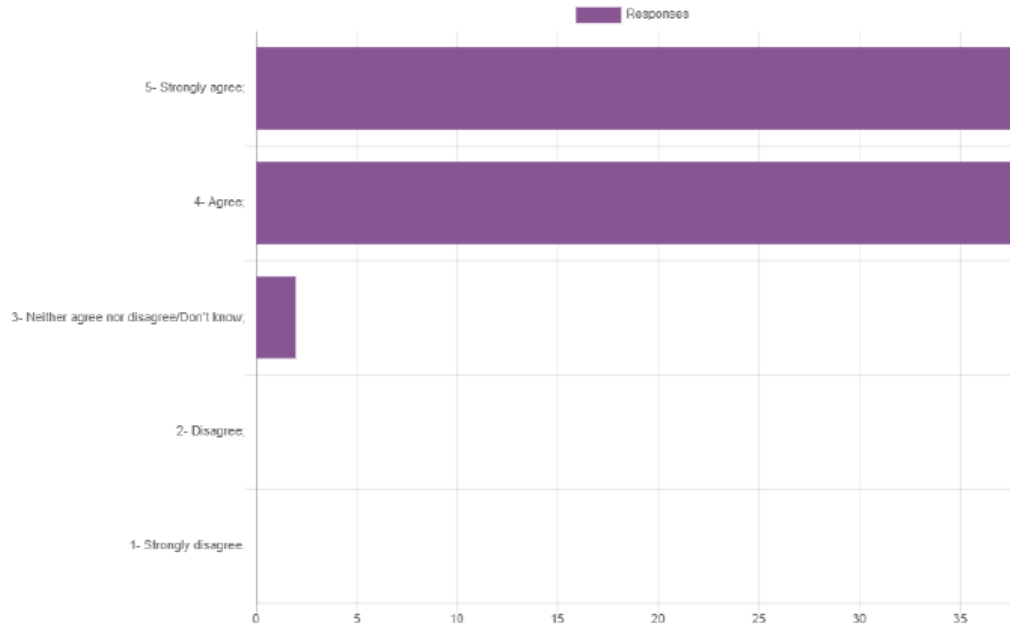Show chart data

Course meets my expectations
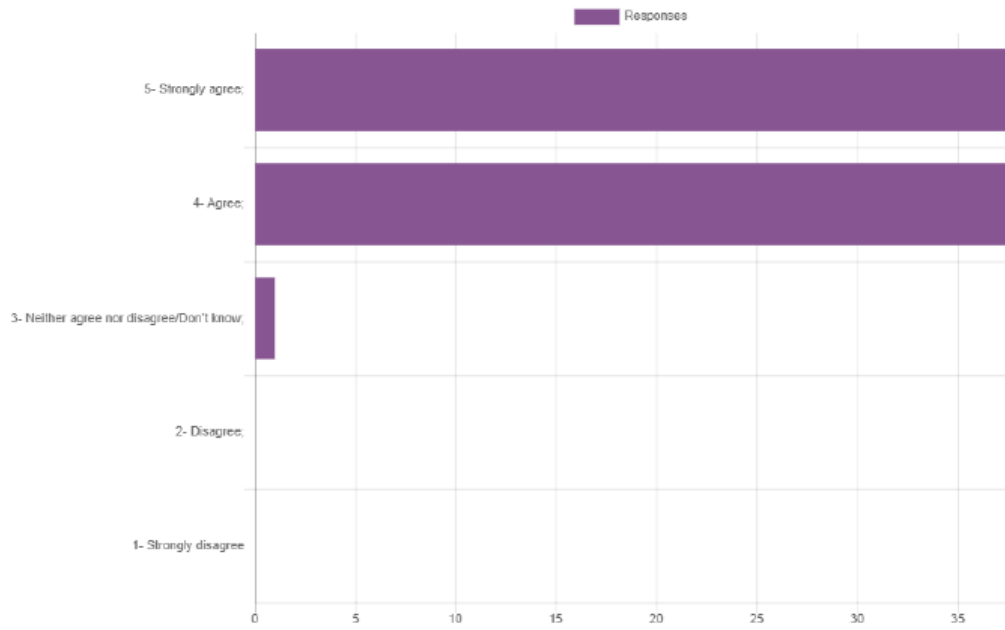
Show chart data

Syllabus contents were useful
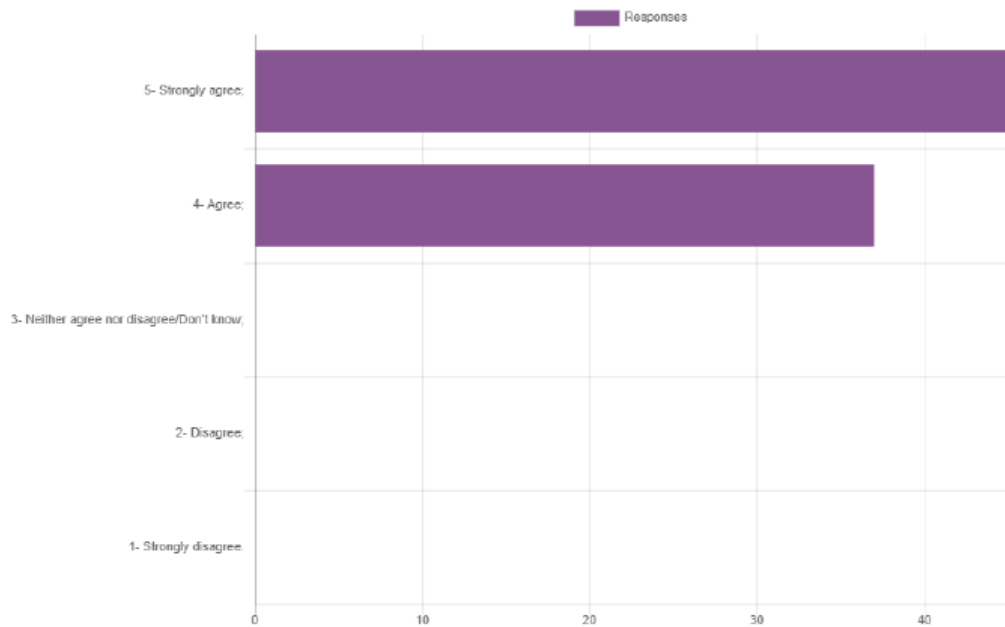
Show chart data

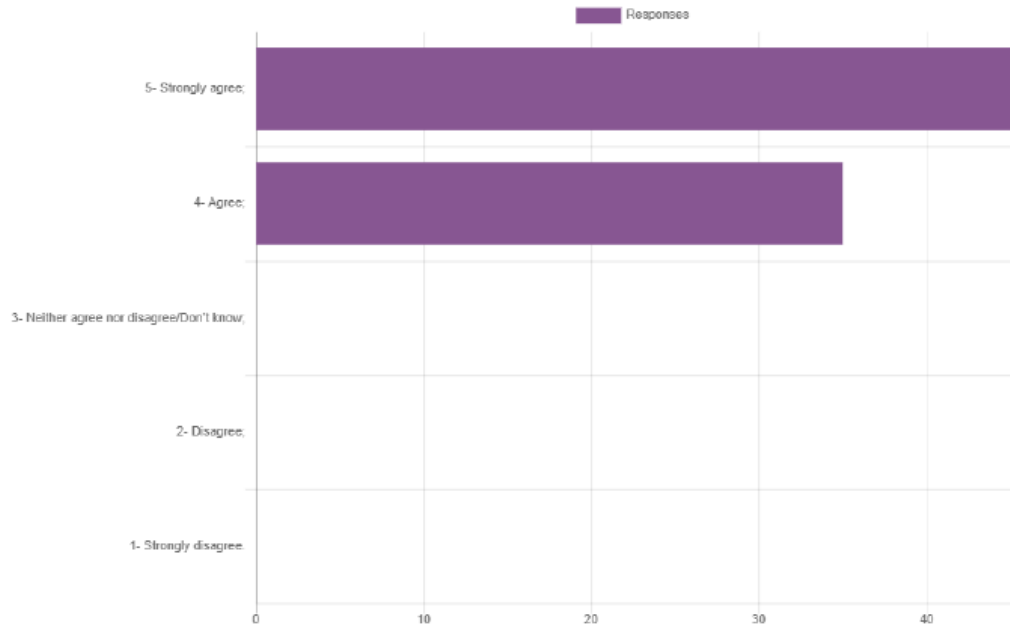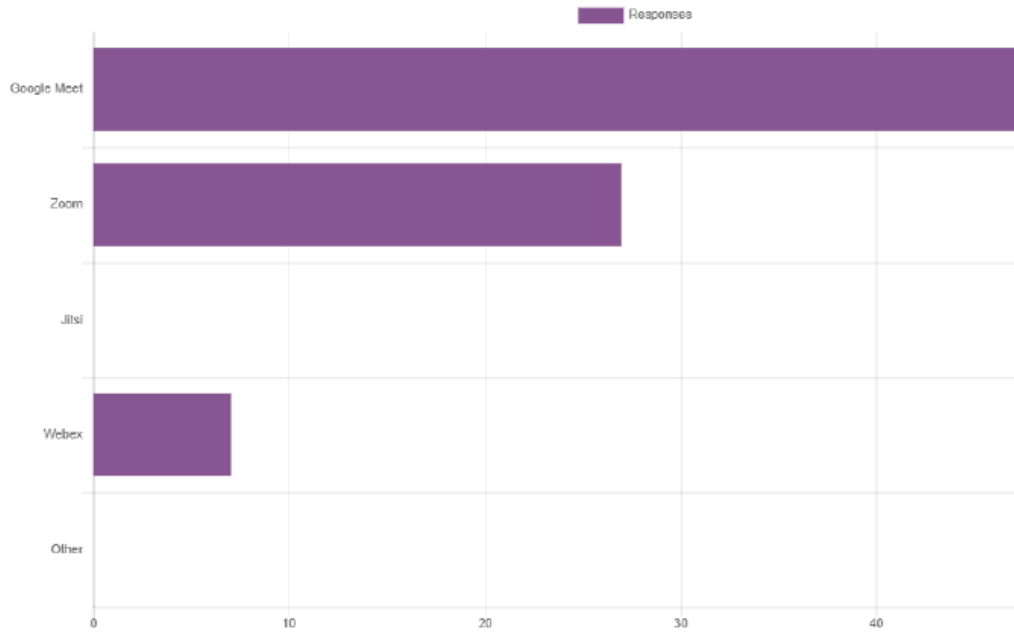**Course was well designed and structured**

Show chart data

The course will help me to improve my online teaching method
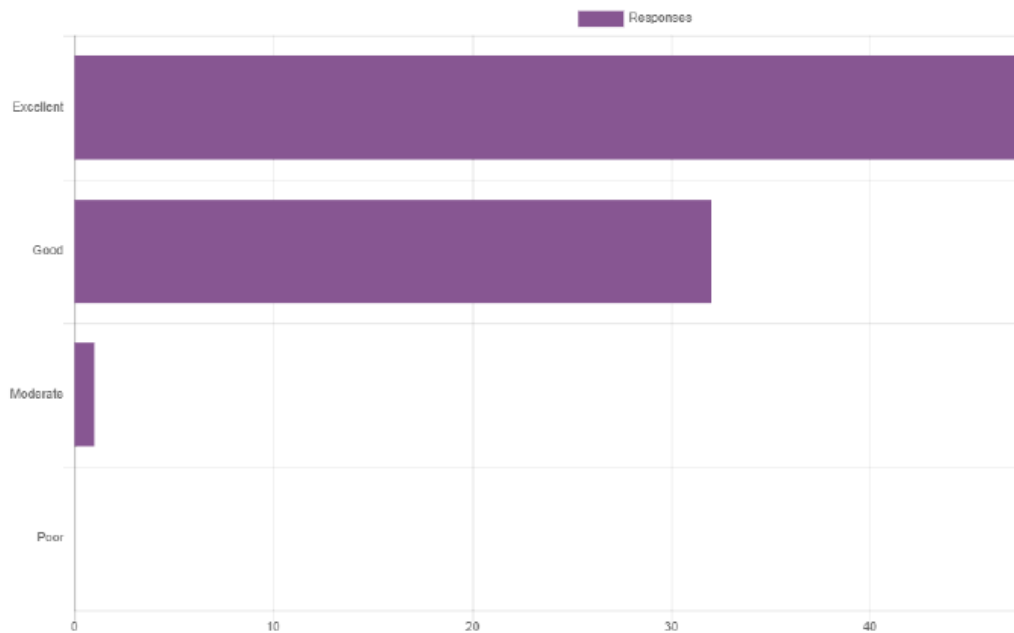

Show chart data

Which platform do you prefer for online teaching

Show chart data

Your overall rating about the training

Show chart data

What are the initiatives you would like to take after completion of learning through this online one days workshop?

- I will try to implement auto attendance add in, and the moving option of question bank to quiz. I will try to develop gradually the other type of questions appearing in competitive exam wherein (i) more then one answer is correct, (ii) fill in the numeric value type questions wherein in the answers a certain range will have correct option. This will help me in setting conventional numerical problems.
I have already adopted to and using Open-board and .virtual lab in on line teaching.

- This is very informative workshops for online teaching plate form. The Google meet different extension is very helpful for enhancement of google meet & online classroom. Learn about the YouTube storage & virtual lab. This is very good information. Thanks for all.

- Few Google chrome extension based improvements and moodle things

- Would try to implement certain things, specially to integrate chrome extensions for google meet. Rest most of the content of the session was already known and practiced by most of us, still got to learn a few useful things. Kudos to the organizers

- Online attendence on moodle

- good teching ,nice explanationof course content

- Will be able to design quiz in a better manner after adding categories.
Will try to familiarize myself with the virtual labs in my discipline
Will prefer zoom over G-Meet after knowing about the merits

- I will apply all safety measures learnt in the workshop.

- online learning

- Sir, I have already use Google meet and zoom platforms for teaching, I have feeling some problems about the different tools but, workshop proved very helpful to me for effective teaching by using advanced tools.

- Very useful workshop for enhancing the teaching learning practices in online mode.

- i will try to implement all the learning tips and tricks in my teaching.

- Sessions were good, however, it depend on the use and practice.

- I would like to explore virtual labs of my areas.

- Take my online classes with more knowledge of google meet and Moodle

- I will implements the tricks in moodle for various tasks

- Quality online teaching

- All session was very informative. Thank you all

* I will use web store extension (when using google meet platform)

- How can generate our report on moodle on self

- we will try to use some new features informed here in teaching

- more efeective online teaching using tablet interface and interface softwares

- Google Attendance option is helpful
Moodle self attendance is explorable-good options but having queries

- Thanks a lot to the organising team who planned this useful and interactive workshop.
In this workshop, I have learnt lots of new feature of moodle and online teaching platforms which are really helpful for online studies.I will incorporate these tips and features in upcoming online classes.

- Implements

- Will add various google meet extensions,
Will use self recorded attendance mode for students

- i will use the methods which i have learned in workshop

- Implement these things into e-classroom

- I will use more Google meet extension in my classes.

- Implement new tricks

- I WILL LEARN MORE ABOUT MOODLE

- Try to mute students in Google meet.

- Firstly, I downloaded all the extensions that were told. Secondly I will try to experiment more with other online teaching platform told in the workshop.

- I have learned a lot of new things during the workshop. I'll certainly include all my learning in my online teachings.

- Will start taking classes on Google Meet also as i was taking all classes on Zoom platform, Will use all tips regarding use of Moodle for effective Teaching Learning.

- Downloaded the extensions and learnt more MOODLE options which I will apply in future.

- Use of google chrome web store for extended features of google meet.

- I will make more useful my meet for the students secure and effective

- I wasnt well aware of many of the features of google meet, zoom or moodle...so now after knowing i definitely be using those in my teaching methods

- Try to implement the various useful tips given in conduction of online class.

- I would like to incorporate Initiatives like grade sheet option, make category for quiz self enroll etc

- during performed moodle operations, try to optimized those operations with Atul sir tricks.

- Try to make compiled gradesheet.

- I try to use writing pad while teaching.

- Improve my online teaching

- Concept of Giving "Batches" to the students is a good initiative and I will be used in the current semester as well.