

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A GOVT. AIDED UGC AUTONOMOUS & NAAC ACCREDITED INSTITUTE, ESTABLISHED IN 1957)



IEEE

Two days webinar

ORGANIZED BY

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
&
IEEE STUDENT CHAPTER, MITS**

WEBINAR DETAILS:

DAY1:

TOPIC: MACHINE LEARNING WITH MATLAB

DATE & TIME: SATURDAY, 14TH AUGUST 2021, 14:00 PM TO 15:30 PM (1:30 HRS)

DAY2:

TOPIC: IMAGE PROCESSING & COMPUTER VISION WITH MATLAB

DATE & TIME: SATURDAY, 28TH AUGUST 2021, 14:00 PM TO 15:30 PM (1:30 HRS)

REGISTRATION LINK : <https://docs.google.com/forms/d/18CfMPNGhqfufyOstZGjkgKAcRPhrc9TKQPHPZuawEjg/edit?usp=sharing>

PATRON

Dr. R.K. Pandit

Director
MITS Gwalior

CONVENER

Dr. Manish Dixit

Prof. & Head CSE

COORDINATORS

Dr. Anjula Mahto (Assistant Professor, CSE)

Prof. Arun Kumar (Assistant Professor, CSE)



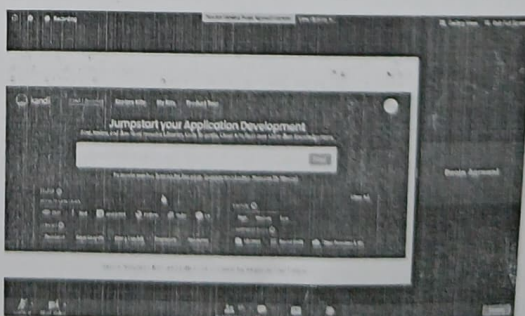
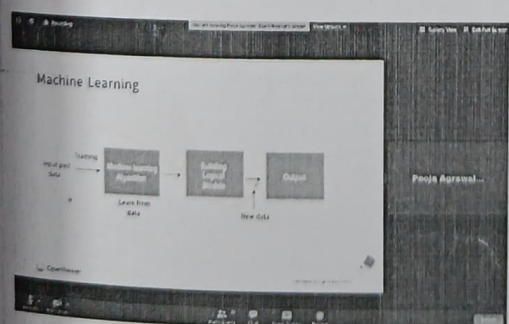
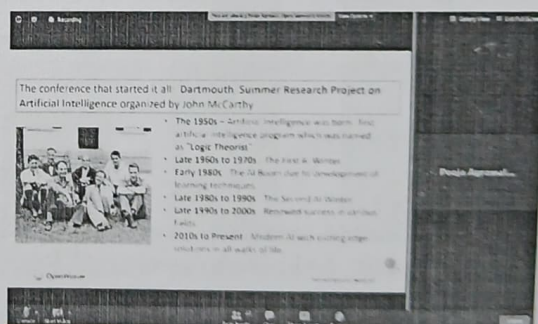
MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 12/03/2022

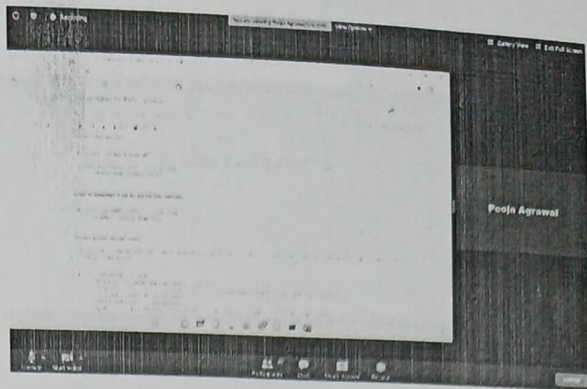
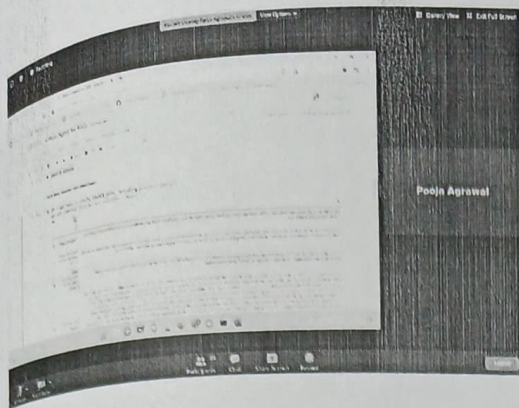
Report of AI-Bootcamp

Type of activity:	Online AI-Bootcamp
Title of activity:	Build your own Virtual Assistant
Date and Duration of activity:	11-March-2022 (05:00 PM to 06:00 PM)
Number of participants:	58
Organized by:	Department of CSE and IEEE student chapter, MITS Gwalior.
Session Expert:	Pooja Agrawal, Senior Developer at OpenWeaver Pvt. Ltd.
Objectives of the activity:	- To highlight the concepts of machine learning and related fields. - To implement AI and ML based techniques for creating virtual assistants.
Outcomes of the activity:	After the completion of event, the participants were able to: - Understand the basic concepts in Artificial intelligence and machine learning. - Apply AI and ML tools, available in the Kandi platform (offered by OpenWeaver), to create virtual assistants.

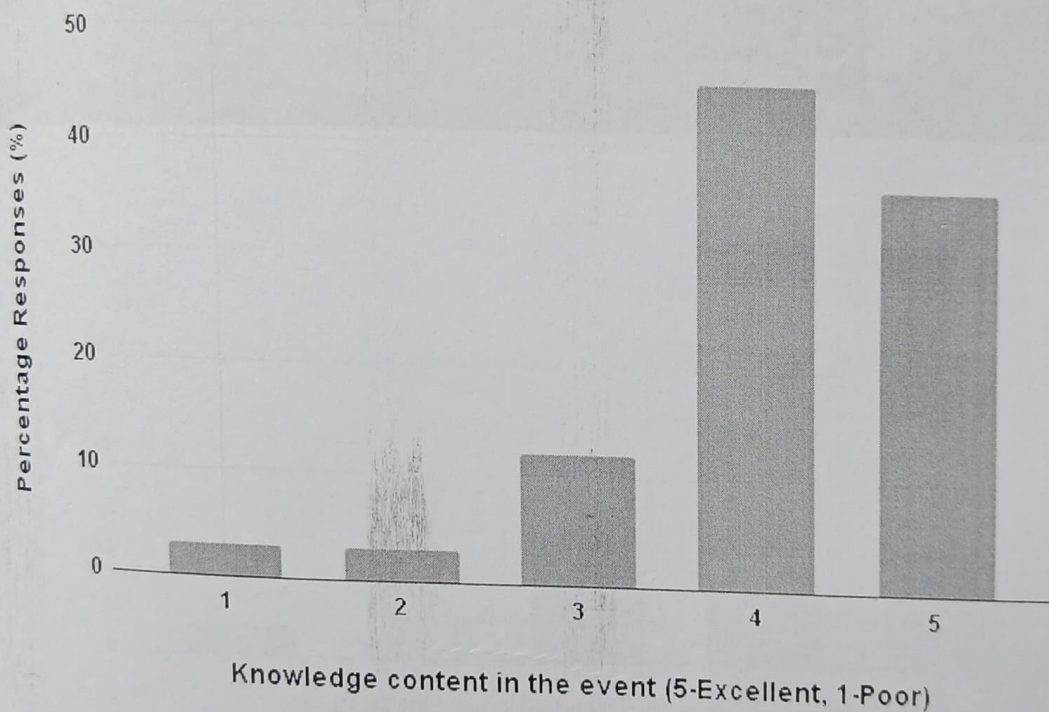
Some glimpses of the activity:



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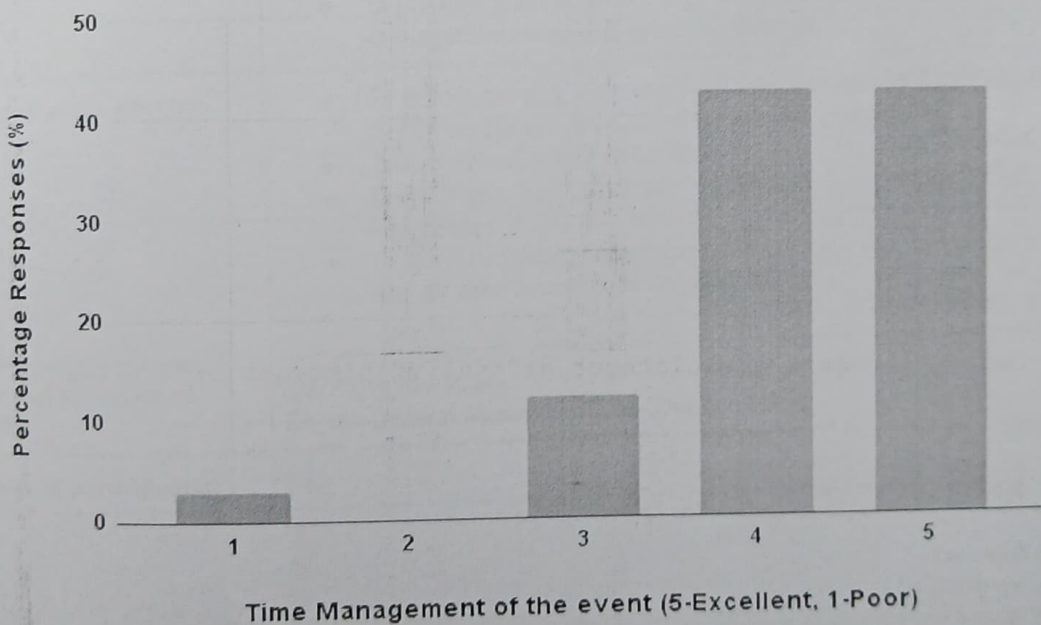
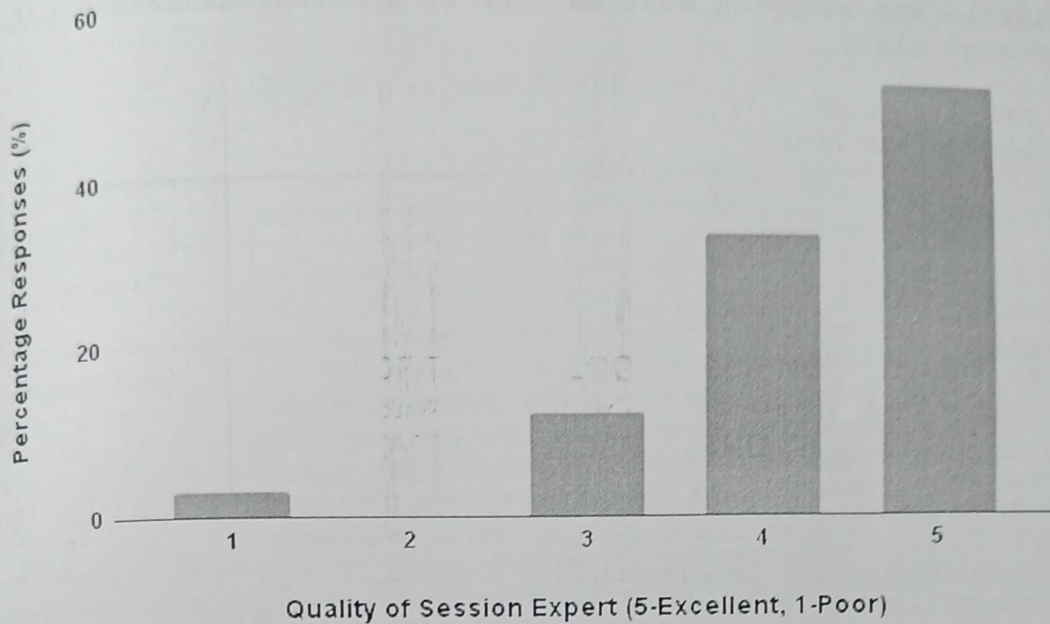


Event Feedback Analysis:



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Dr. Manish Dixit
(Prof.)
Dr. Manish Dixit
Professor & HOD
Department of CSE
M.I.T.S. Gwalior

Webinar Details:**Day1:****Topic:** Machine Learning with MATLAB**Date & Time:** Saturday, 14th August 2021, 14:00 PM to 15:30 PM (1:30 Hrs)**Day2:****Topic:** Image Processing & Computer Vision with MATLAB**Date & Time:** Saturday, 28th August 2021, 14:00 PM to 15:30 PM (1:30 Hrs)

Registration Link: <https://docs.google.com/forms/d/18CfMPNGhqfufyOstZGjkgKAcrPhrc9TKQPHPZuawEjg/edit?usp=sharing>

Agenda:**1. Machine Learning with MATLAB**

Learn how to get started using machine learning tools to detect patterns and build predictive models from your datasets. In this webinar, you will learn about several machine learning techniques available in MATLAB and how to quickly explore your data, evaluate machine learning algorithms, compare the results, and apply the best machine learning for your problem.

- What is Machine Learning?
- Types of Machine Learning
 - Supervised
 - Unsupervised
- Machine Learning Workflow
- Demo: Train a model to predict Diabetes
- Demo: Time series forecasting
- Summary/Q&A

2. Image Processing & Computer Vision made easy with MATLAB

In this webinar, you will learn how to use computer vision algorithms to solve real world imaging problems. Computer vision uses images and video to detect, classify, and track objects or events in order to understand a real-world scene.

Cameras are everywhere, even in your phone. You might have a new idea for using your camera in an engineering and scientific application, but have no idea where to start. While image processing can seem like a black art, there are a few key workflows to learn that will get you started.

- Image enhancement – removing noise and sharpening an image
- Image segmentation – isolating objects of interest and gathering statistics

- Image registration – aligning multiple images from different camera sources
- Find moving objects in video
- Analyze the motion of objects
- Summary/Q&A

Regards:

Anoop Kumar Pandey

Sr. Manager – Sales, **DesignTech Systems Pvt. Ltd.**

+91 – 11 – 42631320 | +91 – 99 714 35111 | anoopkumar.pandey@designtechsys.com |

www.designtechsys.com | Office: 701, Bhandari House-91, Nehru Place, New Delhi-110019



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Dr.MANISH DIXIT <dixitmits@mitsgwalior.in>

Mon, Aug 2, 2021 at 10:53 PM

To: Anoop Kumar Pandey | DesignTech <anoopkumar.pandey@designtechsys.com>

Thanks

Dr.Manish Dixit

Professor and Head ,Deptt.of CSE

MITS,Gwalior

Vice Chair IEEE MP Subsection

Secretary IETE,Gwalior

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Anoop Kumar Pandey | DesignTech <anoopkumar.pandey@designtechsys.com>

Fri, Aug 13, 2021 at 10:30 AM

To: "Dr.MANISH DIXIT" <dixitmits@mitsgwalior.in>

Dear Sir,

Greeting From DesignTech!

With reference to given below email for MATLAB webinar scheduled for 14th August from 2:00 PM, there are 24 registration till now list as given below. Request you to please ask other remaining participants (if any) to register, I will share joining link by tomorrow to all registered participants.

Email Address	Name	Designation
dixitmits@mitsgwalior.in	Dr Manish Dixit	Professor and Head
amitkumar@mitsgwalior.in	Amit Kumar Manjhvar	Assistant Professor
maheshparmar@mitsgwalior.in	Mahesh Parmar	Assistant Professor
lavupadhyay@gmail.com	LAV UPADHYAY	ASSISTANT PROFESSOR
ka.agarwals@mitsgwalior.in	Khushboo Agarwal	Asst.Prof.
pooja.agrawal2308@mitsgwalior.in	Pooja Agrawal	Assistant Professor
guptapriya071@gmail.com	PRIYANKA GUPTA	Research Scholar
kratika.cpmeena@mitsgwalior.in	Kratika Sharma	Assistant Professor
snehagarg229@mitsgwalior.in	Sneha Garg	Assistant professor
sanjaypatsariya@gmail.com	Sanjay Patsariya	Assistant Professor
pooja.agrawal2308@mitsgwalior.im	Pooja Agrawal	Assistant Professor
juliekumari098@gmail.com	Julie Kumari	Assistant professor
mehtoanjula@mitsgwalior.in	DR. ANJULA MEHTO	Assistant Professor

dubeyshradha29@gmail.com	SHRADHA DUBEY	Research Scholar
sshwetapatel@gmail.com	Shweta Patel	Assistant Professor
ruchi.jayaswal23@gmail.com	Ruchi Jayaswal	Research Scholar
anand.cs2007@gmail.com	Anand Jawdekar	Asst Professor
arun.vsrana@mitsgwalior.in	Arun Kumar	Assistant Professor
mehtojanula@mitsgwalior.in	Dr. Anjula Mehto	Assistant Professor
mudittiwari45690123@gmail.com	Mudit Tiwari	Student
jsinghal2001@gmail.com	Janhvi singhal	B. Tech.
sohanchoudhary1710@gmail.com	sohan choudhary	Indore
bmaithele@gmail.com	Bhupendra Maithele	Student
saketsharma383@gmail.com	Saket Sharma	2022

Regards:

Anoop Kumar Pandey

Sr. Manager – Sales, **DesignTech Systems Pvt. Ltd.**

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