



MUFFAKHAM JAH

COLLEGE OF ENGINEERING & TECHNOLOGY
(THE SULTAN UL ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognized by AICTE

Banjara Hills, Hyderabad - 500 034

WORKSHOP ON SPEECH PROCESSING AND COMMUNICATION USING PYTHON BY ECED, MJCT, HYDERABAD

Research in the Communications and Signal Processing area focuses on issues regarding the efficient processing and transmission of data. Some examples of sources of data include sound, images, and sensor output signals. Signal processing algorithms deal with efficiently transforming the signals resulting from these sources into digital data streams. Communications research focuses on efficiently transmitting streams of data from one location to another.

Python is one of the world's most popular programming languages, and is commonly used by major companies for web development purposes. Python is a straightforward, and easy-to-understand, alternative to other major languages such as C, Java and Perl. Python programming is designed to be highly standardized, with a clear protocol for any task and little to no need for coming up with elaborate patchwork solutions to get something done. Python language is being treated as the core programming language in schools and colleges due to its countless uses in Artificial Intelligence, Deep Learning, Data Science, etc. It has now become a fundamental part of the development world that schools and colleges cannot afford not to teach Python language.

WEEK	TOPIC	SPEAKER
Week1	Image Processing	Mrs.B.Sucharitha
Week2	Signal Processing	Dr. Ayesha Naaz
Week3	Communication	Mrs. Nazeerunnisa

Week1 - 25th to 30th Jan 2021 (No class on 26th Jan)

Week2 - 1st to 5th Feb 2021


Week3 - 8th to 12th Feb 2021

Timings : 2pm to 4:00pm

Last of Registration : 23th Jan 2021

Registration Link : <https://forms.gle/kBShgZ6YDCKiLKFW9>

Contact Details : Mrs. Ayesha Naaz (9959129564)


23/03/2021
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Muffakham Jah College Of
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Banjara Hills, Road No.3,
HYDERABAD - 500 034, A.P

Date: 05/01/2021

From

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

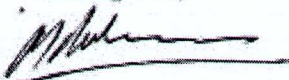
To

Dr. Ayesha Naaz,
Professor.

Sub: Conduction of Workshop on "Python Programming"- Regarding.

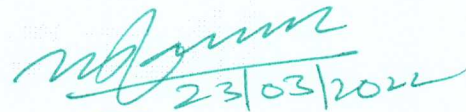
It is to inform you that the Python Programming is emerging apart from other programming languages. There is a need to make students industry ready as per the industry requirements. In this regard, you are requested to plan a Workshop for the Students of E.C.E on "Python Programming" and inform the date, schedule, resource person and industry/institute.

Thanking You,



Head, ECED

Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills Hyderabad-34


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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 15/01/2021

To

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

Sub: Permission to organize Workshop on "Signal processing and Communications using python" -Reg

Sir,

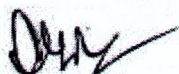
I am pleased to inform you that a 3 Week Workshop on "Signal processing and Communications using python" for the Third Year and Final year Students of E.C.E is scheduled.

Schedule as follows.

Date	25/01/2021 to 12/02/2021
Title of Seminar	"Signal processing and Communications using python"
Resource Persons	Dr.Ayesh Naaz, Mrs Nazeerunnisa, Mrs B Sucharitha
Participants	B.E III and IV year E.C.E Students

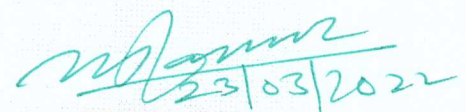
So, I request you to grant the permission to conduct the webinar.

Faculty Incharge



Dr. Aysha Naaz,

Professor


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Meeting

Date:16/01/2021 **Venue:** online mode **Time:** 10:00AM to 11:00AM

Agenda: Signal Processing and Communication using python regd:

This meeting was conducted in online mode regarding the Signal Processing and Communication using python which will be organized in online mode from 25th Jan,2021 to 12th Feb,2021.

Chairperson: 1. Dr. Mohammed Arifuddin Sohel, Head of ECE Dept.
2. Dr. Ayesha Naaz, Professor and Coordinator

For the workshop the following things were discussed.

1. Session will start from 2pm to 4pm for 3 weeks.
2. Last date to register for the workshop is 23th Jan,2021.
3. Main focus on 3rd and final year students.
4. All the datasets and software should share with participants.
5. Attendance is mandatory to issue the participation of certificate
6. At the end of the workshop ,participants will be required to submit a mini project based knowledge what they gain from workshop.

Attendees:

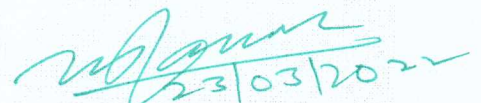
1. Mrs. Nazeer Unnisa
2. Mrs. B.Suchaitha
3. Nida Zia(Student Representative)
4. Tahereen Rizvi (Student Representative)
5. Syed Diraar Ahmed(Student Representative)

Prepared By

Mrs. B.Suchaitha , Asst. Prof., ECE dept

Dr. Mohammed Arifuddin Sohel,

Head of ECE Dept


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Conducted 3 Week Workshop
on
SIGNAL PROCESSING AND COMMUNICATION USING PYTHON
by
ECED, MJCET, HYDERABAD

Speakers:

1. **Dr. Ayesha Naaz**
2. **Nazeer unnisa**
3. **B.sucharitha**

Duration : 25th JAN, 2021 to 12th Feb , 2021 (2Pm to 4Pm)

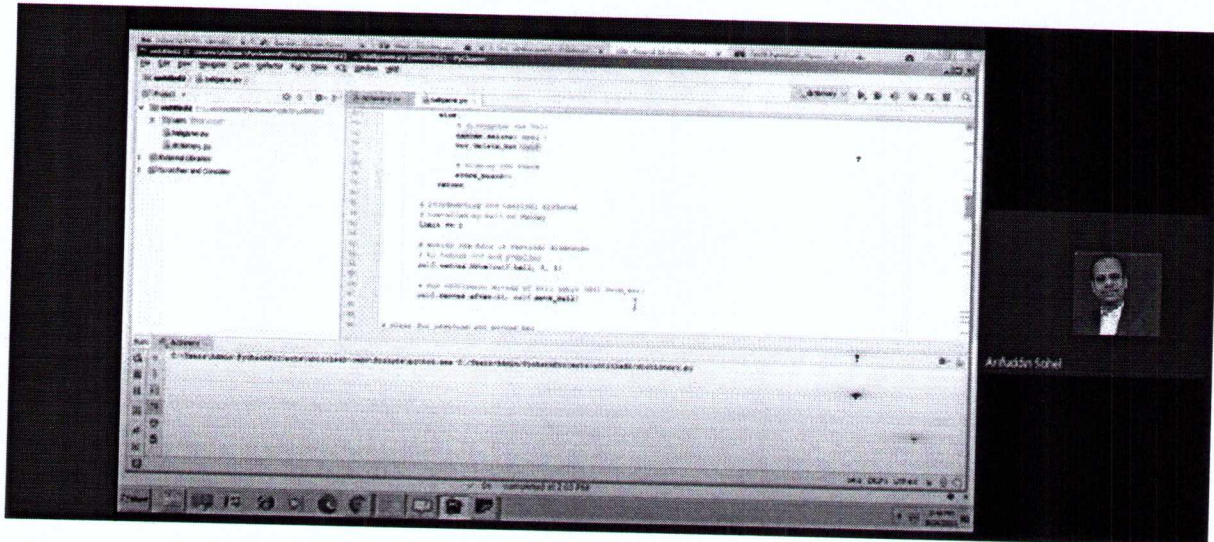
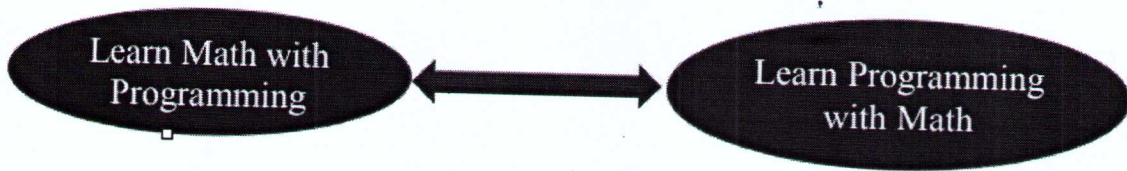
Keynote speaker- Dr. Mohammed Arifuddin Soheli



Dr. Mohammed Arifuddin Soheli is working as **Professor and Head of the Department of Electronics and Communication Engineering** Department of Muffakham Jah College of Engineering and Technology, Banjara Hills, Hyderabad. He Completed his B.E (ECE) from Muffakham Jah College of Engineering and Technology in 2001 and M.E in Microelectronics Engineering from RMIT University in Melbourne, Australia in 2004 and Ph.D from JNTU Hyderabad in 2015. He has 14 years of teaching Experience and his research interests are in Analog and Mixed signal VLSI Design, RF Design and High Speed Data Converters with special emphasis on "Sigma Delta Analog to Digital Converters".

He gave one hour lecture on "Mathematics with Python" during Signal processing and communication using python workshop. Difficult mathematical concepts will become simple when executed in the form of program in a stress free environment. This workshop "Mathematics with Python" is where you learn your math curriculum on python programming.

M. Arifuddin
23/03/2022
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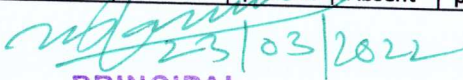
Attendance:

Arifuddin Sohel
23/03/2022

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Signal Processing and communication using python

S.No	Email id	25th JAN	27th JAN	28th JAN	29th JAN	30th JAN	1st FEB	2nd FEB	3rd FEB	4th FEB	5th FEB	8th FEB	9th FEB	10th FEB	11th FEB	12 FEB
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4	160418735001@mjcollege.ac.in	present	present	present	present	present	present	present	present	present	present	present	present	present	present	present
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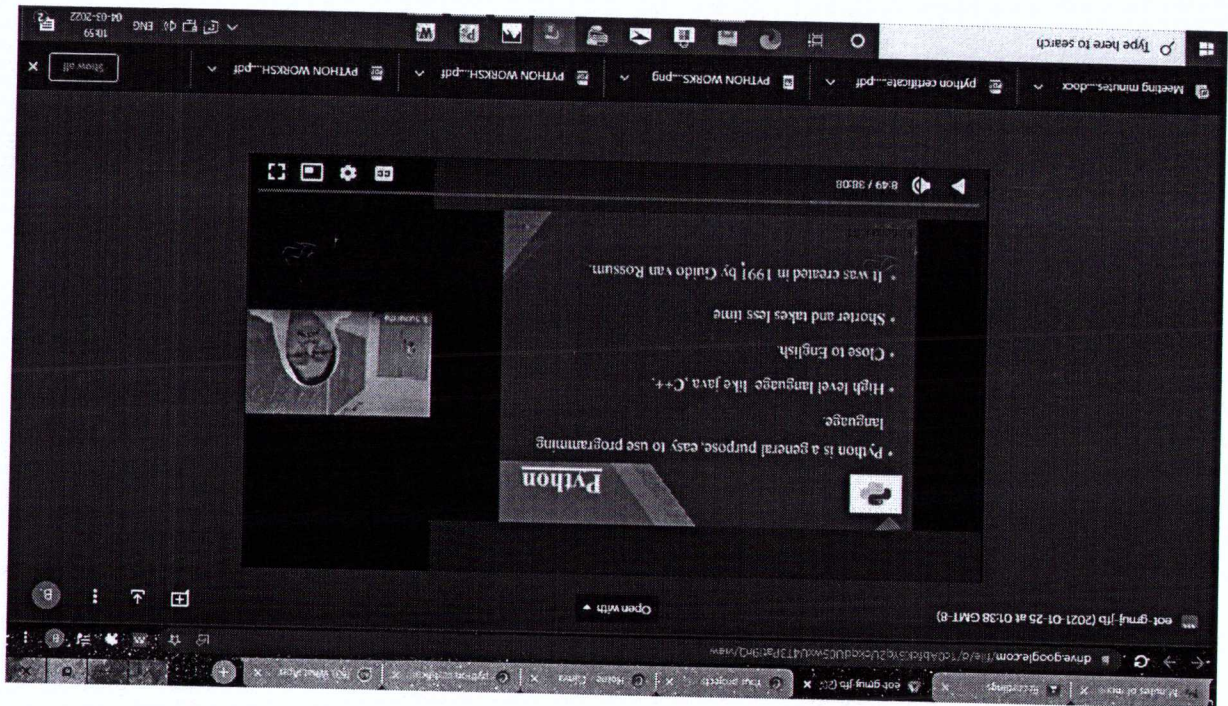
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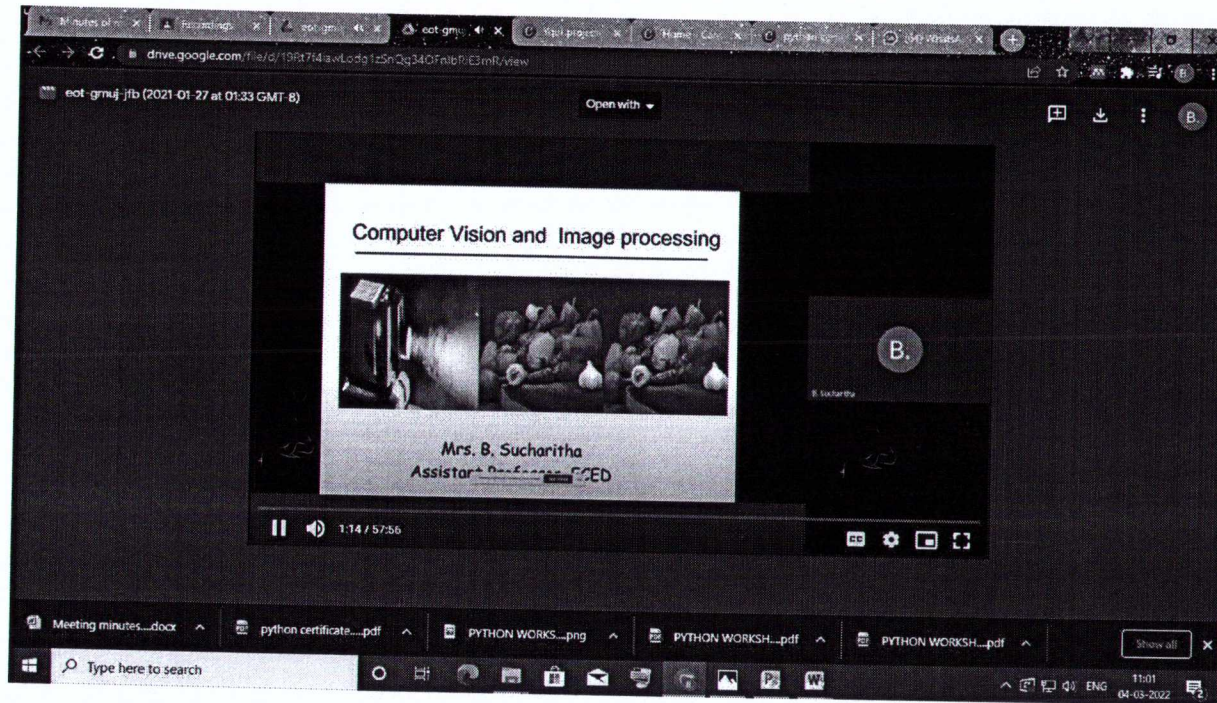


Valedictory Session :-

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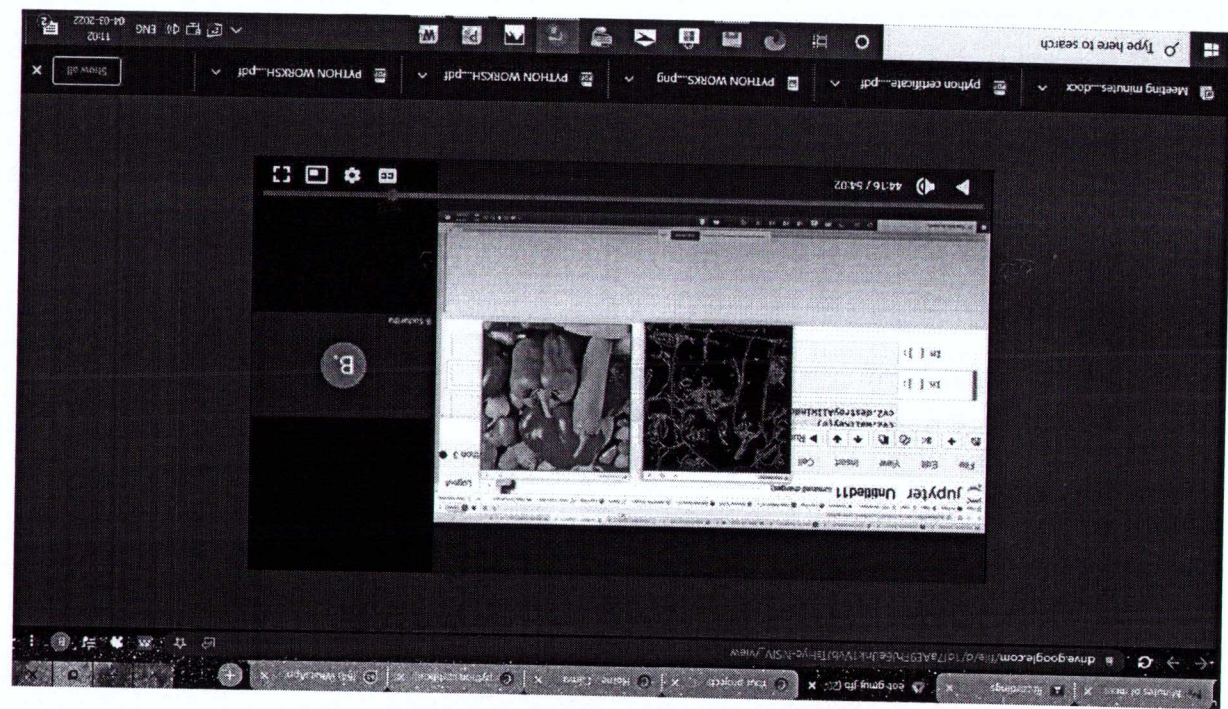
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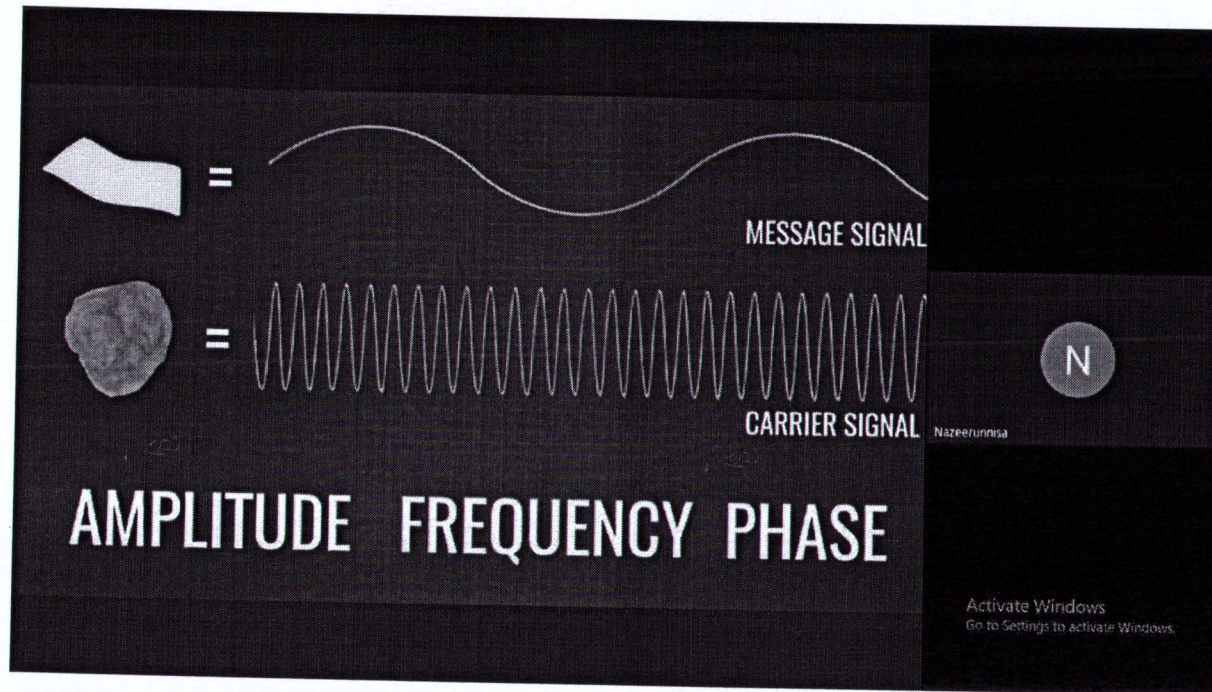




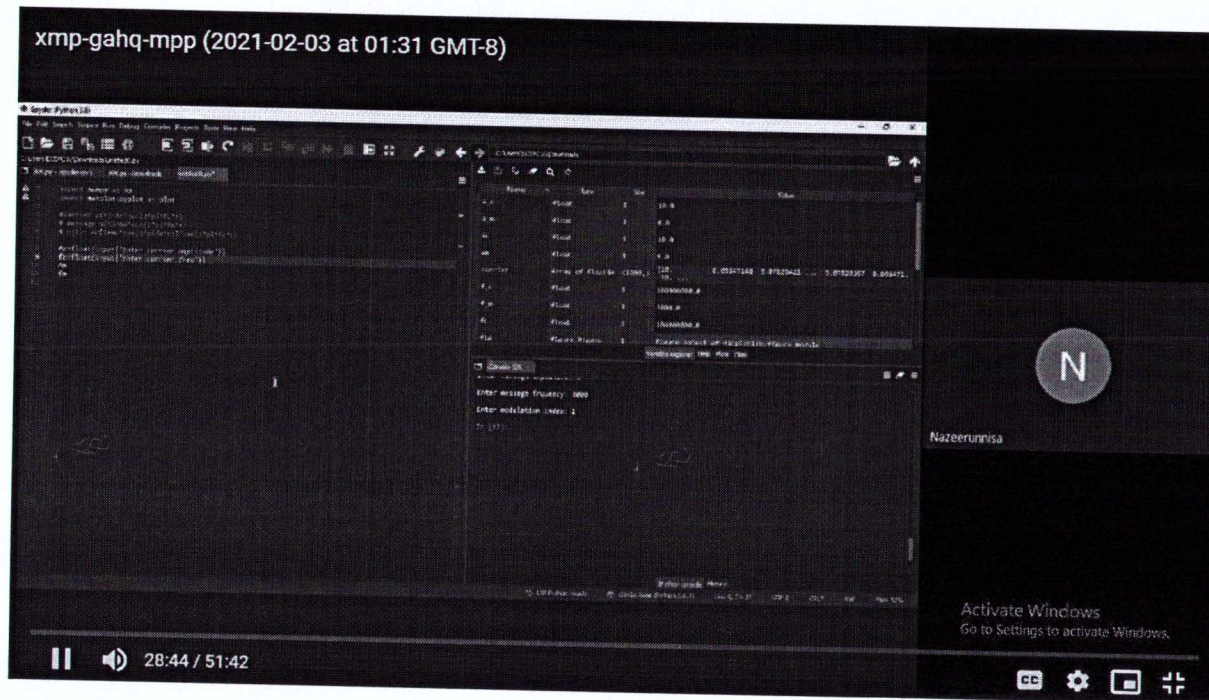
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22/03/2022





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Signal Processing and Communication using Python

Quiz 1: Image processing

1. Which keyword is used to open an image using opencv
2. Shortcut key to Run the cell in Jupyter
3. Extracting the green plane from color image using opencv
4. Keyword used to convert from color to gray is
5. Keyword used to find the size of the Image (M x N x B)
6. Keyword used to display the Image

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7. Keyword to blur the image
8. Define Image
9. OpenCV is used for
10. List any two real time applications of Image Processing

Quiz -2 : Communication

1. Modern mobile communication systems use analog modulation techniques.
2. Which of the following is not an advantage of digital modulation?
3. In digital communication system, in order to increase noise immunity, it is necessary to increase.
4. The ratio between the modulating signal voltage and the carrier voltage is called?
5. What happens when the amplitude of the modulating signal is greater than the amplitude of the carrier?
6. What is the line connecting the positive and negative peaks of the carrier waveform called?

Signal Processing and Communication Workshop

Feedback Form

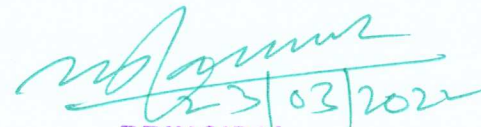
Thank you for participating in our event. We hope you had as much fun attending as we did organizing it.

We want to hear your feedback so we can keep improving our logistics and content. Please fill this quick survey and let us know your thoughts (your answers will be anonymous).

1. It was excellent

Yes No

Participant Up gradation



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2. The workshop met your Expectations

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

3. Your level of knowledge at the start of the workshop

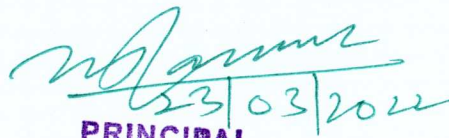
	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

4. How satisfied were you with the session content?

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

Tutor Involvement

5. The tutor was open to new ideas and view points


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	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

6. The tutor took account of students existing knowledge and level of understanding

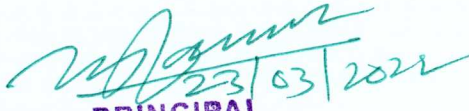
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Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

7. Adequacy of slides in terms of coverage of workshop

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

8. Precision and answering the questions by the tutor

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent


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FeedBack Analysis:

	Mail id	Name	Roll Numbe	1	2	3	4	5	6	7
1	fareha.fatima01@gmail.com	Fareha Fatima	1604-15-735-009	yes	5	5	5	5	5	5
2	160416735023@mjcollege.ac.in	Mohammed Ashfaq Hussain	1604-16-735-023	yes	5	5	4	5	5	5
3	160417735094@mjcollege.ac.in	Sameer Hasnain Maarif	1604-17-735-094	yes	5	4	2	5	4	5
4	160418735001@mjcollege.ac.in	Ayeman Fatima	1604-18-735-001	yes	5	5	5	5	5	5
5	160418735002@mjcollege.ac.in	Nida	1604-18-735-002	yes	5	5	5	5	5	5
6	160418735003@mjcollege.ac.in	Asfiya Jabeen	1604-18-735-003	yes	5	5	5	5	5	5
7	160418735004@mjcollege.ac.in	Firdous Fathima	1604-18-735-004	yes	4	5	4	5	5	5
8	160418735007@mjcollege.ac.in	syeda mehvish anwar	1604-18-735-007	yes	5	5	5	5	5	5
9	160418735008@mjcollege.ac.in	Asma Siddiqua	1604-18-735-008	yes	5	4	5	5	5	5
10	160418735009@mjcollege.ac.in	Fareha Fatima	1604-18-735-009	yes	5	5	5	5	4	5
11	160418735010@mjcollege.ac.in	Tahereen Rizvi	1604-18-735-010	yes	5	5	5	5	5	5
12	160418735011@mjcollege.ac.in	N AMAN ARMAN KHAN	1604-18-735-011	yes	4	5	5	5	5	5
13	160418735014@mjcollege.ac.in	M.A.RAZAQ KHAN	1604-18-735-014	yes	5	5	4	5	5	5
14	160418735016@mjcollege.ac.in	Bilal Adnan	1604-18-735-016	yes	5	3	5	5	5	5
15	160418735017@mjcollege.ac.in	Mohammad Ibrahim	1604-18-735-017	yes	5	5	5	4	5	5
16	160418735021@mjcollege.ac.in	Syed Diraar Ahmed	1604-18-735-021	yes	4	5	5	5	5	5
17	160418735023@mjcollege.ac.in	Syed shoaib ali	1604-18-735-023	yes	5	5	5	5	5	5
18	160418735029@mjcollege.ac.in	Mohammad Asif Ahmed	1604-18-735-029	yes	3	4	5	5	5	5
19	160418735032@mjcollege.ac.in	Mohd Adil Ahmed	1604-18-735-032	yes	5	5	5	5	4	5
20	160418735032@mjcollege.ac.in	Mohd Adil Ahmed	1604-18-735-032	yes	4	5	5	3	5	5
21	160418735033@mjcollege.ac.in	Mujtabaaddin Ahmed	1604-18-735-033	yes	5	5	4	5	5	5


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22	160418735034@mjcollege.ac.in	Md Ibrahim	1604-18-735-034	yes	5	5	5	5	5	5
23	160418735036@mjcollege.ac.in	Mohammad Adil Parwez	1604-18-735-036	yes	5	4	5	3	5	5
24	160418735038@mjcollege.ac.in	SHAIK ABU ANZAR SAYEED	1604-18-735-038	yes	5	5	5	5	5	5
25	160418735039@mjcollege.ac.in	Mohammed rafeeq khan	1604-18-735-039	yes	4	3	5	4	5	5
26	160419735040@mjcollege.ac.in	Syed Saquib Ahmed	1604-18-735-040	yes	5	5	5	5	4	4
27	160418735041@mjcollege.ac.in	Syed Ayaan Ahmed	1604-18-735-041	yes	4	5	5	5	5	5
28	160418735048@mjcollege.ac.in	SK aman	1604-18-735-048	yes	5	4	4	5	5	5
29	160418735057@mjcollege.ac.in	Syed osman shareef	1604-18-735-057	yes	5	5	5	4	5	5
30	160418735063@mjcollege.ac.in	Bushra shereen	1604-18-735-063	yes	3	5	5	5	4	4
31	160418735065@mjcollege.ac.in	R Shahina sultana	1604-18-735-065	yes	5	5	4	5	5	5
32	160418735068@mjcollege.ac.in	safia wajeed	1604-18-735-068	yes	3	5	5	5	5	5
33	160418735071@mjcollege.ac.in	Aakanksha Thodupunoori	1604-18-735-071	yes	4	5	5	4	5	5
34	160418735072@mjcollege.ac.in	Sai Rithvik Gundla	1604-18-735-072	yes	5	5	5	5	5	5
35	160418735075@mjcollege.ac.in	koushik	1604-18-735-075	yes	5	5	5	5	4	5
36	160418735076@mjcollege.ac.in	Ch.Harsha Vardhan	1604-18-735-076	yes	5	5	5	5	5	5
37	160418735077@mjcollege.ac.in	Syed Ali Hyder	1604-18-735-077	yes	5	5	5	5	5	5
38	160418735079@mjcollege.ac.in	Mohammad Riaz	1604-18-735-079	yes	5	5	5	5	5	5
39	160418735080@mjcollege.ac.in	Anvith	1604-18-735-080	yes	5	5	5	5	5	4
40	160418735081@mjcollege.ac.in	Hamza Shah Khan	1604-18-735-081	yes	5	5	3	5	3	5
41	160419735084@mjcollege.ac.in	MOHAMMED AKBAR	1604-18-735-084	yes	5	5	5	5	4	5
42	160418735086@mjcollege.ac.in	sai mohith chinnari	1604-18-735-086	yes	5	3	4	4	5	5
43	160418735089@mjcollege.ac.in	Khaja Mohammad Faizuddin	1604-18-735-089	yes	5	5	5	5	5	5
44	160418735093@mjcollege.ac.in	Syed Muzammil	1604-18-735-093	yes	5	5	5	5	5	5
45	160418735094@mjcollege.ac.in	shoaib	1604-18-735-094	NO	5	5	4	5	5	5
46	160418735095@mjcollege.ac.in	Shaik seif shah	1604-18-735-095	yes	5	5	5	5	5	5
47	160418735097@mjcollege.ac.in	MOHAMMED ASIM SIDDIQUI	1604-18-735-097	yes	5	5	5	5	5	5

[Signature]
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48	160418735118@mjcollege.ac.in	MOHAMMED WAJAHAT HUSSAIN	1604-18-735-118	yes	5	3	5	5	5	4
49	160418735119@mjcollege.ac.in	Mohammed abdur Rahman	1604-18-735-119	yes	5	5	5	5	5	5
50	160418735303@mjcollege.ac.in	MOHAMMED ABDUL HAMEED	1604-18-735-303	yes	5	5	5	5	5	5
51	160418735304@mjcollege.ac.in	Abdul Samad Khan	1604-18-735-304	yes	5	5	5	5	5	5
52	160418735305@mjcollege.ac.in	Shaik sahera begum	1604-18-735-305	yes	5	5	5	5	5	5
53	160419735308@mjcollege.ac.in	Mohammed Abdullah Rizwan	1604-18-735-308	yes	5	5	5	5	5	5
54	160418735310@mjcollege.ac.in	Hafsa Maryam	1604-18-735-310	yes	5	5	5	5	5	4
55	160418735311@mjcollege.ac.in	Shaik Musharraf ali	1604-18-735-311	yes	5	5	5	5	5	5
56	160418735312@mjcollege.ac.in	Mohammed Salman Khan	1604-18-735-312	yes	5	5	5	5	5	3

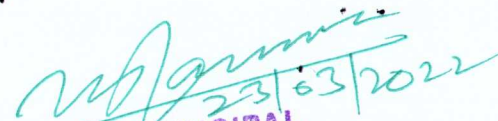
M. J. Khan
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Outcome of FDP:

Many students have done mini project based on the knowlwdge what gained from 3 week workshop : Signal processing and Communication using python.

1. OpenCV treats image data as numpy's ndarray
2. Image Enhancement using add weight
3. Finding circles in image
4. Speech recognization
5. Image negation and merging of two images using python
6. IMAGE ENHANCEMENT using frequency techniques
7. Histogram plot
8. Edge detection
9. Canny Edge Detection using Python and Open-cv
10. jmage compression using PCA


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Muffakham Jah College of Engineering & Technology

Certificate of Participation

This certificate is Presented to

Fareha Fatima

for the active participation during the Workshop "**Signal Processing and Communication using Python**" organized by the **Department of Electronics and Communication, MJCET** from **25th January to 11th February 2021**.

Head of the Department

Coordinator

23/03/2022
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Muffakham Jah College of Engineering & Technology

Certificate of Participation

This certificate is Presented to

Ayeman Fatima

for the active participation during the Workshop "**Signal Processing and Communication using Python**" organized by the **Department of Electronics and Communication, MJCET** from **25th January to 11th February 2021.**

Head of the Department

Coordinator

23/03/2022

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Muffakham Jah College of Engineering & Technology

Certificate of Participation

This certificate is Presented to

Nida Zia

for the active participation during the Workshop "**Signal Processing and Communication using Python**" organized by the **Department of Electronics and Communication, MJCET** from **25th January to 11th February 2021**.

Head of the Department

Coordinator

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M. J. G. M. S.
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Date: 21/12/2020

To
Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

Sub: Permission to organize Seminar on **"One Week Lab Intensive Training Programme"** in **"Digital System Design using Verilog HDL"** -Reg

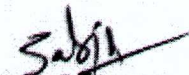
Sir,

I am pleased to inform you that Seminar on **"One Week Lab Intensive Training Programme"** in **"Digital System Design using Verilog HDL"** for the Students of E.C.E is scheduled.

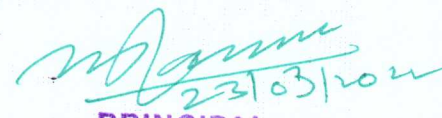
Schedule as follows.

Date	30/12/2020
Title of Seminar	"One Week Lab Intensive Training Programme" in "Digital System Design using Verilog HDL"
Resource Person	Dr.Arifuddin Sohel, Prof & Head, ECED Dr. Sabir Hussain , Associate Professor. ECED
Participants	B.E II,III Year Students

So, I request you to grant the permission to conduct the SDP in the DSP Lab


Faculty Incharge

Dr. Sabir Hussain,
Associate Professor

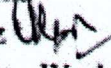
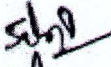
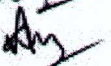

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Meeting Minutes:

One Week Lab Intensive Training Programme on Digital System Design Using Verilog HDL Workshop Schedule

Meeting Minutes of committee members – 22/12/2020 – HOD Room

Attended by

1. Dr. Arifuddin Soheli, Prof & Head, ECED
2. Dr. Kaleem Fatima
3. Dr. Ayesha Naaz 
4. Dr. Sabir Hussain, Workshop Coordinator 
5. Dr. MA Raheem, Workshop Co- Coordinator 


Minutes

The Committee discussed topics to cover in this workshop as per industry requirements and resource persons to cover the technical topics.

Speakers:

Dr. Arifuddin Soheli, Prof & Head, ECED, MJCET

Dr. Sabir Hussain, Associate Professor, ECED, MJCET


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MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

Electronics and Communication Engineering Department

In Collaboration with

IEEE Student Branch MJCET and MJCET Institute Innovation Council

Presents

Skill Development Program (SDP) on Digital System Design

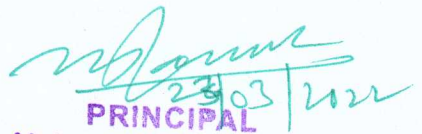
All the students of BE II and III year are informed that the department is planning to organize a "One Week Lab Intensive Training Programme" on "Digital System Design using Verilog HDL" on 30th December 2020 to 4th January 2021. The detailed schedule is given below. It is recommended for all students to register for this workshop. This workshop is free for IEEE members and for non-IEEE member registration fee is Rs 100/-

**One Week Lab Intensive Training Programme on
Digital System Design Using Verilog HDL
Workshop Schedule**

Date	Contents
30-12-20 (Monday)	Introduction to verilog HDL, EDA Tool Demonstration (ModelSim)
	Introduction to Combinational and Sequential Circuits
	HDL Design using Gate level modeling
31-12-20 Tuesday	HDL Design using Dataflow level modeling
	HDL Design using Behavioral modeling – Flip flops , Counters
	FSM Charts-Mealy and Moore
02-01-21 Thursday	Advanced Verilog HDL Concepts
03-01-21 Friday	Advanced Verilog HDL Concepts
04-01-21 Saturday	System Verilog Concepts Quiz

Workshop Coordinator: Dr. Arifuddin Soheli & Dr. M Sabir Hussain

Teaching Assistant: Mr. Moiz, Mr. Mohd Soheli and Mr. Fasiullah


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Workshop Schedule:

30-12-20

(Monday)

HDL Design using Gate level modeling-

- 1) Half Adder, Full Adder
- 2) Comparator (1-bit, 2-bit)
- 3) Mux

31-12-20

(Tuesday)

HDL Design using Dataflow level modeling-

- 1) 4-bit ripple carry adder
- 2) 16:1 mux realization using 4:1 mux
- 3) Decoders and Encoders

HDL Design using Behavioral modeling – Flip Flops and Mealy and Moore FSM

- 4) Counters (Up, Down, Mod 5...)
- 5) Finding of Max, Mid and Min values for given input bits using Mux and Comparator

Homework using Dataflow modeling:

- 1) Subtractor
- 2) Half Adder, Full Adder,
- 3) Comparator (1-bit, 2-bit)
- 4) Mux

02-01-21

(Thursday)

Advanced Verilog HDL Concepts-

- 1) Counting 1's and 0's in 8-bit input
- 2) Mod4_Mod5 counter (alternate)
- 3) A counter which counts from 0 to 99 (mod100)

03-01-21

(Friday)

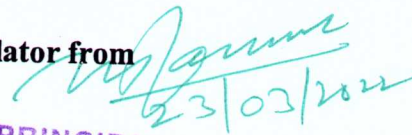
- 1) Design of Binary Multiplier
- 2) Multiplication as repeated Subtraction
- 3) Memory Design (Read and Write memory)

04-01-21

(Saturday)

- 1) System Verilog Concepts
- 2) Basic Programme using system verilog

Note: Registered Participants are requested to download ModelSim simulator from below given link and installed in your laptops prior to workshop.


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Link:

https://www.mentor.com/company/higher_ed/modelsim-student-edition

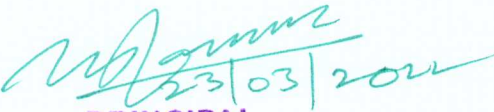
Video Link:

<https://www.youtube.com/watch?v=cu4G8RjEMf4>

Note: Students are also requested to download notepad++

**One Week Lab Intensive Training Programme on
Digital System Design Using Verilog HDL
Workshop Schedule**

Date	Contents
30-12-20 (Monday)	Introduction to verilog HDL, EDA Tool Demonstration (ModelSim)
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22/12/2015

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Attendance of Participants:

Attendance of Participants:

S.No	Roll No	Name	Day 1
1	160417735301	S. Vinayachandran P	1
2	160417735314	Mohd. Aljaz Ahmed	2
3	160418735115	Syed Khaled Hussain	3
4	160418735033	Mujtaba Uddin Ahmed	4
5	160418735001	Fareha Fatima	5
6	160417735043	Afroz Janisa	6
7	160417735008	Saria Fatima	7
8	160417735002	Faiza Iqbal	8
9	160417735003	Songana Mojib	9
10	160417735002	ANANYA RENDKATIA	10
11	160418735059	Adel Sultan	11
12	160417735003	Syeda Nayana	12
13	160417735016	Amreen Sultan	13
14	160417735017	Alisa	14

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Certificates:

Muffakham Jah College of Engineering and Technology

Electronics and Communication Engineering Department

In Collaboration with

IEEE Student Branch MJCET and MJCET Institute Innovation Council

Skill Development Program on Digital System Design

30th December 2019 to 4th January 2020

Certificate of Participation

This is to certify that

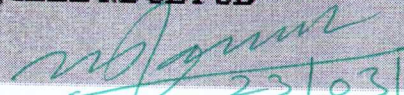


has participated in the Skill Development Program (SDP) on Digital System Design held from 30th December 2019 to 4th January 2020, Organized by ECE Department, MJCET in association with IEEE Student Branch MJCET and MJCET Institute Innovation Council.

Dr. Mohammed Sabir Hussain
SDP Coordinator

Dr. Mohammed Arifuddin Soheli
Professor and Head, ECED
Branch Counselor, IEEE MJCET SB

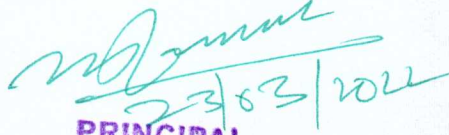
Dr. Basheer Ahmed
Advisor cum Director, MJCET


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Outcome of SDP:

The outcomes of skill development program on “Digital System Design Using Verilog HDL” are the participants able to develop Verilog HDL code for digital circuits using data flow, structural modelling and develop test-benches.

Participants are able to simulate and verify the functionality of the module using ModelSim.


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T-SIGNATURE MJCET & IEEE CAS PRESENTS...

WORKSHOP ON...

DIGITAL TWIN!

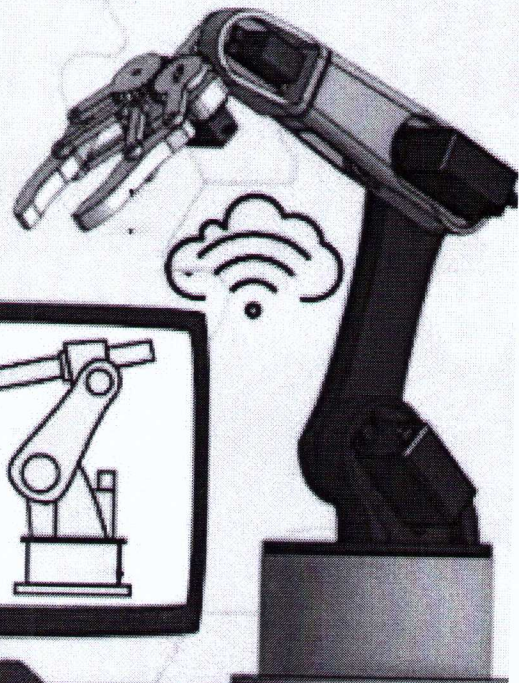
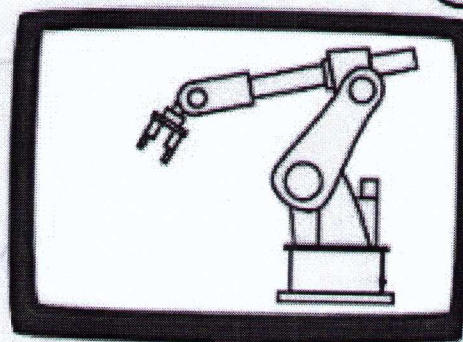
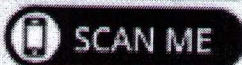
**WHERE REAL WORLD MEETS
DIGITAL WORLD!!!**

DECEMBER 14TH TO 18TH 2020

9:00-4:00 PM

STUDENT ACTIVITY CENTER

REGISTRATION FEE: 100/-



CONTACT:

HAKEEM AEJAZ: 9885696755



team tsignature micet

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23/03/2021

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**Muffakhem Jah College Of
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Date: 05/12/2020

From

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

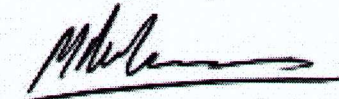
To

Mr.Hakeem Aejaaz Aslam,
Assistant Professor, ECED.

Sub: Conduction of Workshop on "Digital Twin-Robotic Arm"- Regarding.

It is to inform you that the Digital Twin is an emerging technology. There is a need to make students industry ready as per the industry requirements. In this regard, you are requested to plan a Workshop for the Students of E.C.E on "Digital Twin-Robotic Arm" and inform the date, schedule, resource person and industry/institute.

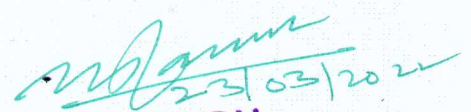
Thanking You,



Head, ECED

Head of Department

Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills Hyderabad-34



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Meeting

Date: 05/12/2020

Venue: HOD Room

Time: 10:00AM to 11:00AM

Agenda: "Digital Twin-Robotic Arm" regarding:


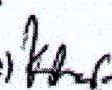
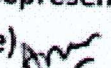
This meeting was conducted in offline mode regarding the Digital Twin-Robotic Arm which is to be organized in the college from 14th Dec, 2020 to 18th Dec, 2020.

Chairperson: 1. Dr. Arifuddin Soheli, Head of ECE Dept.
2. Mr. Hakeem Aejaz Aslam, Assistant Professor and Coordinator

For the workshop the following things were discussed:

1. Session will start from 9am to 4pm for one week.
2. Last date to register for the workshop is 10th Dec, 2020.
3. Main focus on 2nd & 3rd year students.
4. All the datasets and software should share with participants.
5. Attendance is mandatory to issue the participation of certificate.
6. At the end of the workshop, participants will be required to submit the feedback regarding workshop.

Attendees:

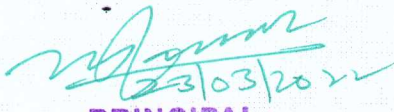
1. Dr. Arifuddin Soheli
2. Mr. Hakeem Aejaz Aslam 
3. Mr. Abdul Khader (Student Representative) 
4. Anas (Student Representative) 

Prepared By,

Mr. Hakeem Aejaz Aslam, Asst. Prof., ECE dept

Dr. Arifuddin Soheli,

Head of ECE Dept.


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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 01/12/2020

To

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

Sub: Permission to organize Workshop on "Digital Twin-Robotic Arm"-Reg

Sir,

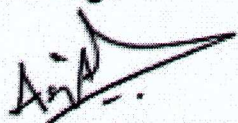
I am pleased to inform you that a one week workshop on "Digital Twin-Robotic Arm" for the Second Year and Third year Students of E.C.E is scheduled.

Schedule as follows:

Date	14/12/2020 to 18/12/2020
Title of Seminar	"Digital Twin-Robotic Arm"
Resource Persons	Dr.Arifuddin Soheli, Mr.Hakeem Aejaz Aslam
Participants	B.E II and III year E.C.E Students

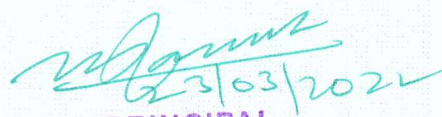
So, I request you to grant the permission to conduct the webinar.

Faculty Incharge



Mr. Hakeem Aejaz Aslam

Assistant Professor, ECED.

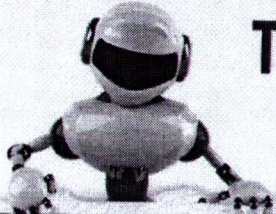


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TECHNOLOGY.**

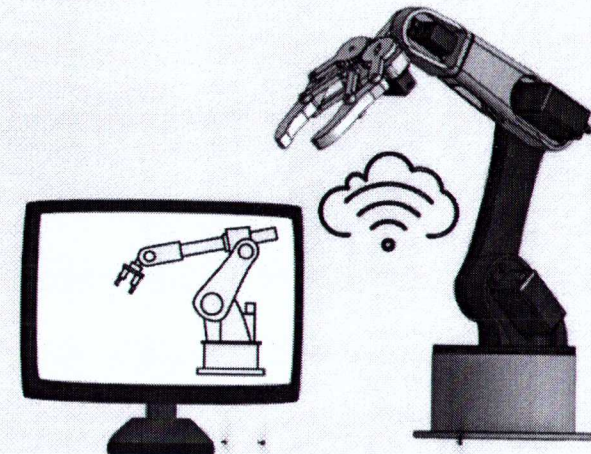


T-SIGNATURE MJCET & IEEE CAS PRESENTS...

WORKSHOP ON...

DIGITAL TWIN!

**DECEMBER 14TH TO 18TH 2020
9:00-4:00 PM
STUDENT ACTIVITY CENTER**



[Handwritten signature]
23/03/2021

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Workshop on "Digital Twin-Robotic Arm"

Feedback Form

Thank you for participating in our event. We hope you had as much fun attending as we did organizing it.

We want to hear your feedback so we can keep improving our logistics and content. Please fill this quick survey and let us know your thoughts (your answers will be anonymous).

1. It was excellent

Yes

No

Participant Up gradation

2. The workshop met your Expectations

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

3. Your level of knowledge at the start of the workshop

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

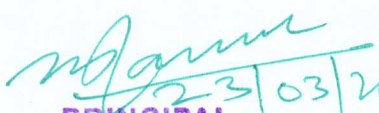
4. How satisfied were you with the session content?

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

Tutor Involvement

5. The tutor was open to new ideas and view points

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent


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6. The tutor took account of students existing knowledge and level of understanding


	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

7. Adequacy of slides in terms of coverage of workshop

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent

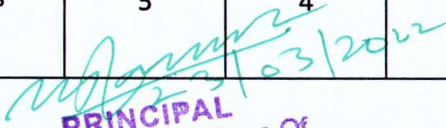
8. Precision and answering the questions by the tutor

	1	2	3	4	5	
Poor	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excellent


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**FEEDBACK ANALYSIS OF WORKSHOP ON "DIGITAL TWIN-ROBOTIC
ARM"**

S.No	Mail id		Name		Roll Number		1	2	3	4	5	6	7
1	fareha.fatima01@gmail.com		Fareha Fatima		1604-15-735-009		yes	5	5	5	5	5	5
2	160416735023@mjc ollege.ac.i n	Mohamme d Ashfaq Hussain	1604-16- 735-023	yes	5	5	4	5	5	5	5	4	
3	160417735094@mjc ollege.ac.i n	Sameer Hasnain Maarif	1604-17- 735-094	yes	5	4	2	5	4	5	5	2	
4	160418735001@mjc ollege.ac.i n	Ayeman Fatima	1604-18- 735-001	yes	5	5	5	5	5	5	5	5	
5	160418735002@mjc ollege.ac.i n	Nida	1604-18- 735-002	yes	5	5	5	5	5	4	5	5	
6	160418735003@mjc ollege.ac.i n	Asfiya Jabeen	1604-18- 735-003	yes	5	5	5	5	5	5	5	5	
7	160418735004@mjc ollege.ac.i n	Firdous Fathima	1604-18- 735-004	yes	4	5	4	5	5	5	5	4	
8	160418735007@mjc ollege.ac.i n	syeda mehvish anwar	1604-18- 735-007	yes	5	5	5	5	5	5	5	5	
9	160418735008@mjc ollege.ac.i	Asma Siddiqua	1604-18- 735-008	yes	5	4	5	5	5	5	5	5	


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	n										
10	16041873 5009@mjc ollege.ac.i n	Fareha Fatima	1604-18- 735-009	yes	5	5	5	5	4	5	5
11	16041873 5010@mjc ollege.ac.i n	Tahereen Rizvi	1604-18- 735-010	yes	5	5	5	5	5	4	5
12	16041873 5011@mjc ollege.ac.i n	N AMAN ARMAN KHAN	1604-18- 735-011	yes	4	5	5	5	5	5	5
13	16041873 5014@mjc ollege.ac.i n	M.A.RAZA Q KHAN	1604-18- 735-014	yes	5	5	4	5	5	3	4
14	16041873 5016@mjc ollege.ac.i n	Bilal Adnan	1604-18- 735-016	yes	5	3	5	5	5	5	5
15	16041873 5017@mjc ollege.ac.i n	Mohamma d Ibrahim	1604-18- 735-017	yes	5	5	5	4	5	5	5
16	16041873 5021@mjc ollege.ac.i n	Syed Diraar Ahmed	1604-18- 735-021	yes	4	5	5	5	5	4	5
17	16041873 5023@mjc ollege.ac.i n	Syed shoaib ali	1604-18- 735-023	yes	5	5	5	5	5	5	5
18	16041873 5029@mjc ollege.ac.i n	Mohamma d Asif Ahmed	1604-18- 735-029	yes	3	4	5	5	5	5	5


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19	16041873	5032@mjc	ollege.ac.i	Ahmed	1604-18	735-032	yes	5	5	5	5	4	5	5
20	16041873	5032@mjc	ollege.ac.i	Mohd Adil	1604-18	735-032	yes	4	5	5	3	5	4	5
21	16041873	5033@mjc	ollege.ac.i	Mujtabaud	1604-18	735-033	yes	5	5	4	5	5	5	4
22	16041873	5034@mjc	ollege.ac.i	Md Ibrahim	1604-18	735-034	yes	5	5	5	5	5	5	5
23	16041873	5036@mjc	ollege.ac.i	Mohamma	1604-18	735-036	yes	5	4	5	3	5	5	5
24	16041873	5038@mjc	ollege.ac.i	SHAIK ABU ANZAR	1604-18	735-038	yes	5	5	5	5	5	3	5
25	16041873	5039@mjc	ollege.ac.i	Mohamme	1604-18	735-039	yes	4	3	5	4	5	5	5
26	16041873	5040@mjc	ollege.ac.i	Syed Saqib	1604-18	735-040	yes	5	5	5	5	4	4	5
27	16041873	5041@mjc	ollege.ac.i	Syed Ayaan	1604-18	735-041	yes	4	5	5	5	5	5	5
28	16041873	SK aman	1604-18	yes	5	4	4	5	5	5	5	5	5	4

	5048@mjc college.ac.i n		735-048								
29	16041873 5057@mjc college.ac.i n	Syed osman shareef	1604-18- 735-057	yes	5	5	5	4	5	5	5
30	16041873 5063@mjc college.ac.i n	Bushra shereen	1604-18- 735-063	yes	3	5	5	5	4	4	5
31	16041873 5065@mjc college.ac.i n	R Shahina sultana	1604-18- 735-065	yes	5	5	4	5	5	5	4
32	16041873 5068@mjc college.ac.i n	safia wajeed	1604-18- 735-068	yes	3	5	5	5	5	5	5
33	16041873 5071@mjc college.ac.i n	Aakanksha Thodupun oori	1604-18- 735-071	yes	4	5	5	4	5	3	5
34	16041873 5072@mjc college.ac.i n	Sai Rithvik Gundla	1604-18- 735-072	yes	5	5	5	5	5	5	5
35	16041873 5075@mjc college.ac.i n	koushik	1604-18- 735-075	yes	5	5	5	5	4	5	5
36	16041873 5076@mjc college.ac.i n	Ch.Harsha Vardhan	1604-18- 735-076	yes	5	5	5	5	5	5	5
37	16041873 5077@mjc	Syed Ali Hyder	1604-18- 735-077	yes	5	5	5	5	5	5	5

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	ollege.ac.i n										
38	16041873 5079@mjc ollege.ac.i n	Mohamma d Riaz	1604-18- 735-079	yes	5	5	5	5	5	5	5
39	16041873 5080@mjc ollege.ac.i n	Anvith	1604-18- 735-080	yes	5	5	5	5	5	4	5
40	16041873 5081@mjc ollege.ac.i n	Hamza Shah Khan	1604-18- 735-081	yes	5	5	3	5	3	5	3
41	16041873 5084@mjc ollege.ac.i n	MOHAMM ED AKBAR	1604-18- 735-084	yes	5	5	5	5	4	5	5
42	16041873 5086@mjc ollege.ac.i n	sai mohith chinnari	1604-18- 735-086	yes	5	3	4	4	5	5	4
43	16041873 5089@mjc ollege.ac.i n	Khaja Mohamma d Faizuddin	1604-18- 735-089	yes	5	5	5	5	5	5	5
44	16041873 5093@mjc ollege.ac.i n	Syed Muzammil	1604-18- 735-093	yes	5	5	5	5	5	5	5
45	16041873 5094@mjc ollege.ac.i n	shoaib	1604-18- 735-094	NO	5	5	4	5	5	5	4
46	16041873 5095@mjc ollege.ac.i	Shaik seif shah	1604-18- 735-095	yes	5	5	5	5	5	5	5


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	n										
47	16041873 5097@mjc ollege.ac.i n	MOHAMM ED ASIM SIDDIQUI	1604-18- 735-097	yes	5	5	5	5	5	5	5
48	16041873 5118@mjc ollege.ac.i n	MOHAMM ED WAJAHAT HUSSAIN	1604-18- 735-118	yes	5	3	5	5	5	4	5
49	16041873 5119@mjc ollege.ac.i n	Mohamme d abdur Rahman	1604-18- 735-119	yes	5	5	5	5	5	5	5
50	16041873 5303@mjc ollege.ac.i n	MOHAMM ED ABDUL HAMEED	1604-18- 735-303	yes	5	5	5	5	5	5	5
51	16041873 5304@mjc ollege.ac.i n	Abdul Samad Khan	1604-18- 735-304	yes	5	5	5	5	5	5	5
52	16041873 5305@mjc ollege.ac.i n	Shaik sahera begum	1604-18- 735-305	yes	5	5	5	5	5	5	5
53	16041873 5308@mjc ollege.ac.i n	Mohamme d Abdullah Rizwan	1604-18- 735-308	yes	5	5	5	5	5	5	5
54	16041873 5310@mjc ollege.ac.i n	Hafsa Maryam	1604-18- 735-310	yes	5	5	5	5	5	4	5
55	16041873 5311@mjc ollege.ac.i n	Shaik Musharraf ali	1604-18- 735-311	yes	5	5	5	5	5	5	5

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56	16041873 5312@mjc ollege.ac.i n	Mohamme d Salman Khan	1604-18- 735-312	yes	5	5	5	5	5	3	5
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M. J. Khan
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CERTIFICATE OF PARTICIPATION

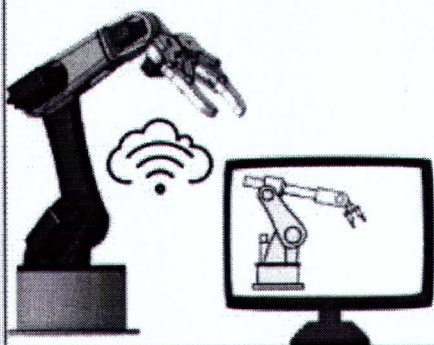
This certificate is proudly present



IEEE

Qurram Ali Ibad

For participating in the "Digital Twin
Workshop on December 14th To 18



Dr. Arifud
Secretary
IEEE Hydera
Head ECE D

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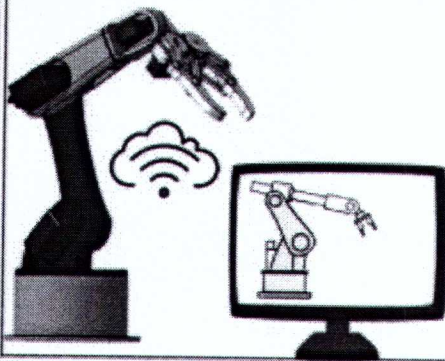
CERTIFICATE OF PARTICIPATION

This certificate is proudly presented



Maaz Khan

For participating in the "Digital Tv Workshop on December 14th To



Dr. Arifu
Secretary
IEEE Hyderabad
Head ECE

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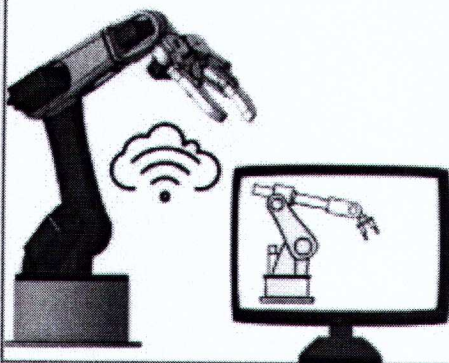
CERTIFICATE OF PARTICIPATION



This certificate is proudly prese

Juweriya

For participating in the "Digital T
Workshop on December 14th To



Dr. Arif
Secretary
IEEE Hyd
Head ECI

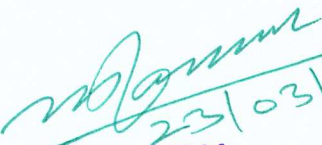
Outcome of the workshop "Digital Twin-Robotic Arm":

Many students have done mini projects and hardware models based on the knowledge what they

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have gained from this one week workshop: Digital Twin-Robotic Arm.

1. To make use of open source tools like Solidworks CAD for designing
2. Use of 3D printer for making the bots
3. Writing the codes & simulating them
4. Debugging the software codes
5. Assembling the hardware parts etc.


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Report on Digital Twin- Robotic Arm & Workshops


ORGANIZED BY IEEE CASS
UNDER IEEE CASS OUTREACH PROGRAM

mbgamm
23/03/2022

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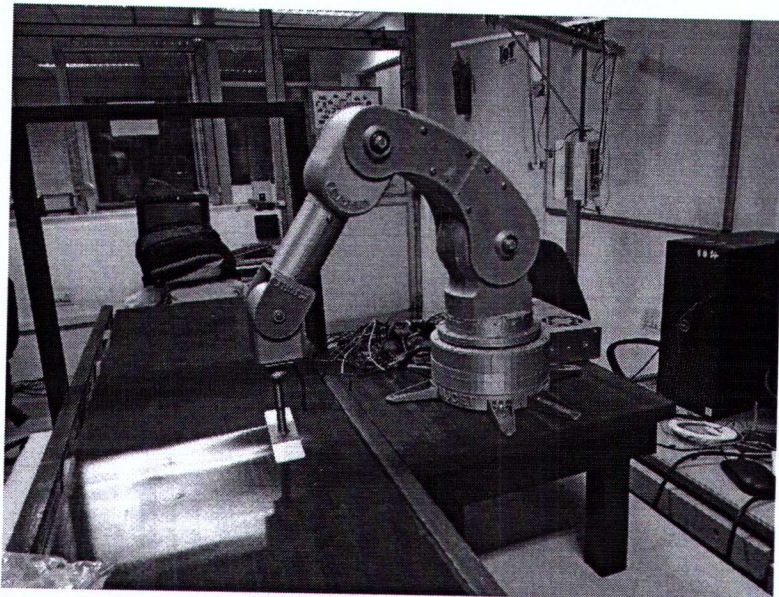
TABLE OF CONTENTS

1. INTRODUCTION TO ROBOTIC ARM MODELS
 - 3D PRINTER
 - INDUSTRIAL ROBOTIC ARM
 - PROTOTYPING ROBOTIC ARM
2. WORKSHOP AT MJCET
3. WORKSHOP AT VCE
4. WORKSHOP AT NSAKCET


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INTRODUCTION TO ROBOTIC ARM:

The First version of Robotic arm is completely suitable for Industrial usage as a pick and place or faulty product removal bot. This robotic arm is custom designed with high end motors which is capable of doing heavy duty work.



Industrial Robotic Arm with Conveyor Belt

The Arm has 4 – Axis of freedom i.e base as axis one, shoulder as axis two, elbow as axis three and wrist movement as axis four.



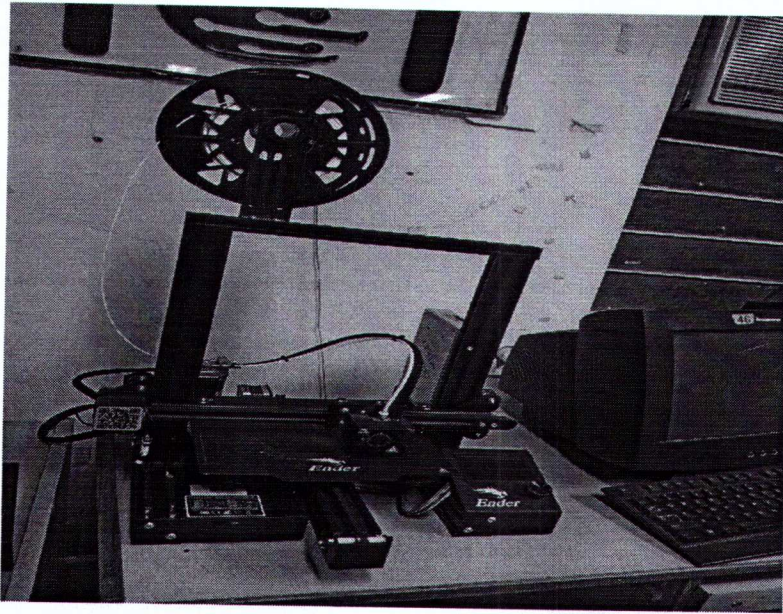
60 Kg Torque Servo Motor used in Industrial Robotic Arm

3D PRINTER:

All the parts of Robotic arm are custom designed on Solidworks CAD Software and are printed using an Ender-3D printer with PLA (Poly Lactic Acid) Filament of 1.75mm diameter.

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Ender 3D Printer (200mm x 200mm) bed printer

All 3D parts are printed with a nozzle temperature of 210 degree Celsius and with a bed temperature of 50 degree Celsius on 200mm bed. 3D printer totally works implements Additive manufacturing process.

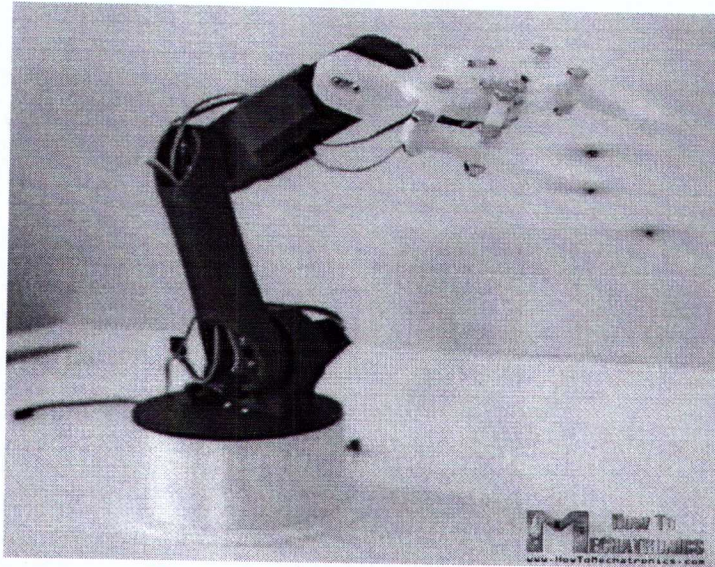


(Poly Lactic Acid) PLA Filament Reel of 1kg

ROBOTIC ARM VERSION 2:

This version of Robotic arm is completely suitable for prototyping and teaching purpose which is small in size and can be made as readily available robotic arm kits. This arm has 5 Degrees of Freedom and consists of 6 Servo motors i.e., 3 MG996 motors and 3 SG90 motors).

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SMALL ROBOTIC ARM (VERSION 2)

MOTORS:

➤ MG996R:

Metal gear servo motor with stall torque of 9.4kg/cm and consumes up to 5 volts and 1.5 amperes of current.



MG996R Servo motor

➤ SG90:

The **SG90** 9g Mini Servo is a 180° rotation servo. It is a Digital Servo Motor that receives and processes PWM signal faster and better.

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23/03/2022

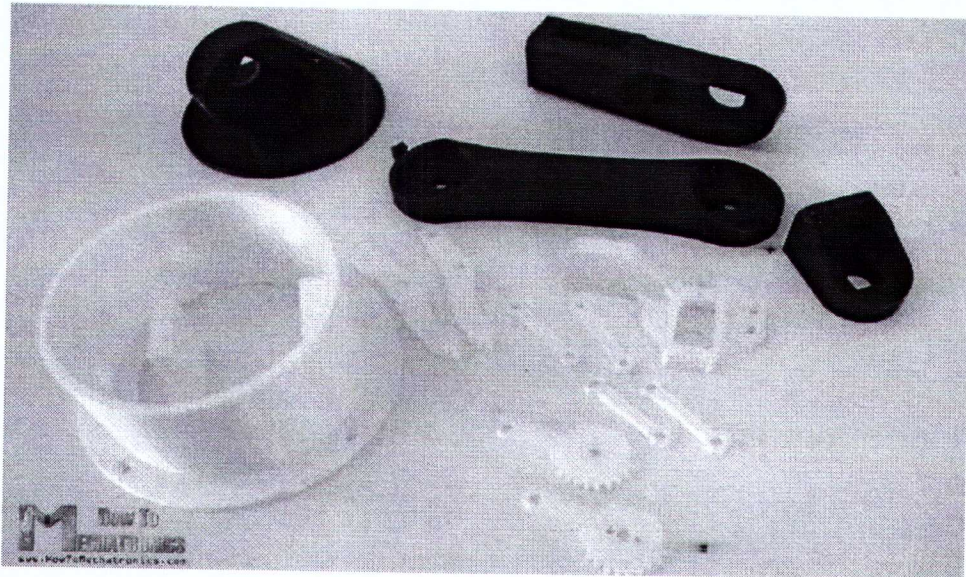
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SG90 SERVO MOTOR

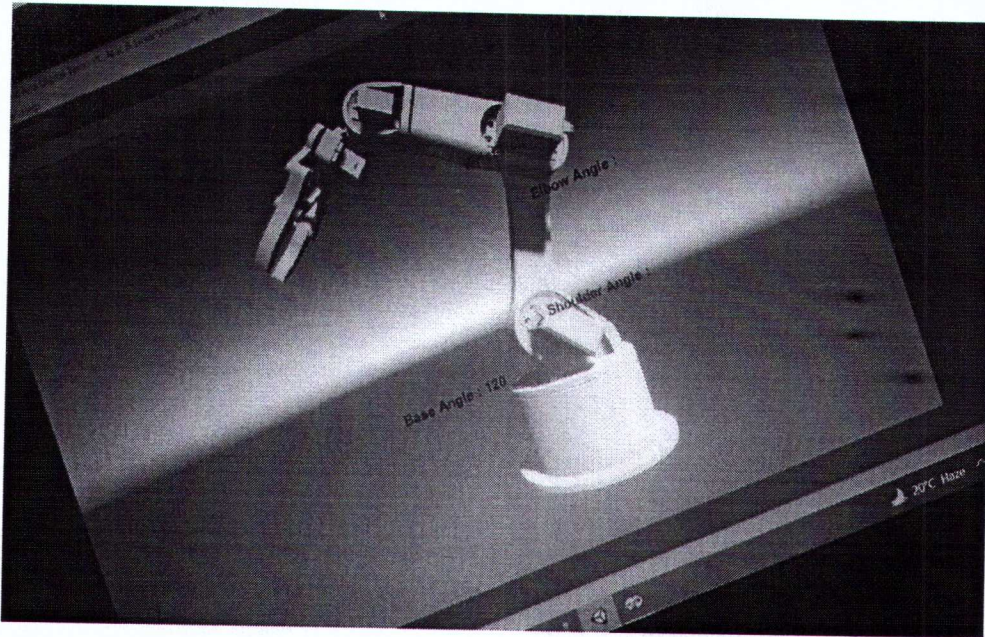
3D PRINTED PARTS:



All the parts are printed on a 200mm x 200mm printer using 1.75mm PLA with a nozzle temperature of 210 degree Celsius.

Digital Twin Using UNITY 3D:


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Virtual Model of Robotic Arm displaying angles of motors

Demonstration At IEEE SSC 2021:



Robotic Arms being demonstrated at IEEE SSC

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ROBOTIC ARM KITS:

Kits are made which consists of 3D printed parts and circuit which is made using NodeMCU (esp8266) and also consists of motors (3 MG996R, 3 SG90) with servo extensions.



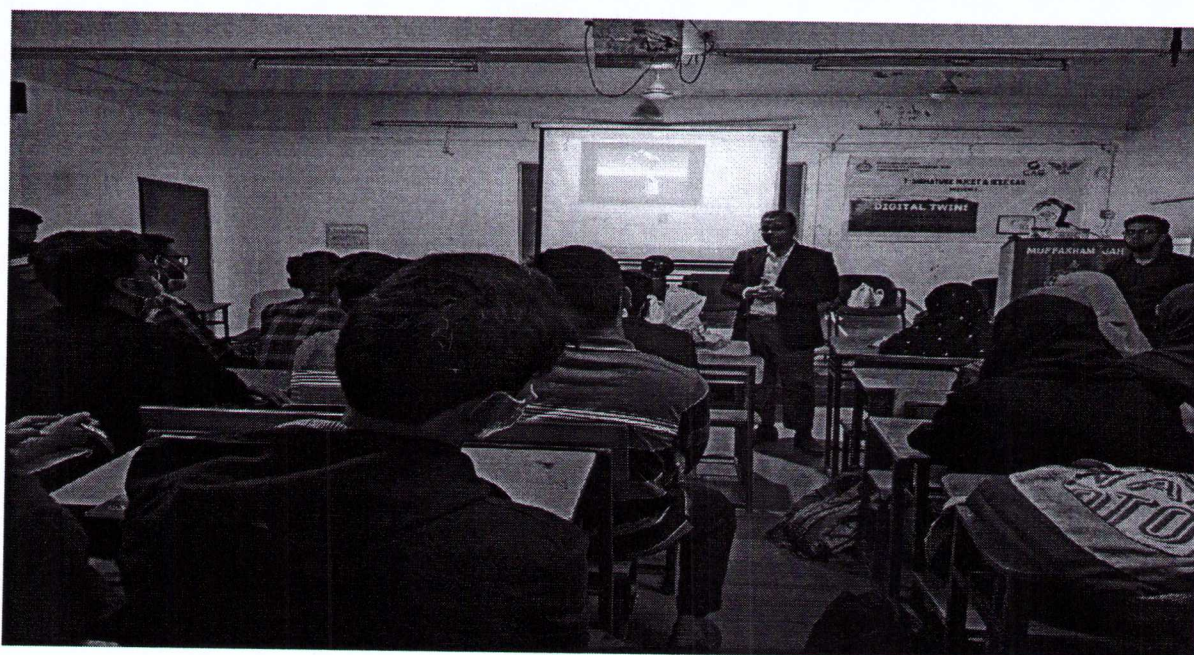
Robotic Arm Kit Boxes

M. Ramesh
23/03/2021
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Five such kits are developed especially for the purpose of conducting workshops including screw driver kits and other tools which were required.

1ST WORKSHOP CONDUCTED AT MJCET:

The IEEE CAS/T-SIG chapter of Hyderabad section organized a Two-day workshop on Digital Twin with collaboration with the ECE department of Muffakham Jah college of Engineering and Technology. A Digital Twin is a **virtual representation of an object or system that spans its life-cycle**, is updated from real-time data, and uses simulation, machine learning and reasoning to help decision-making. It helps in making a project/activity run perfectly without any simulation. It is a forthcoming technology wave in the electronics world and other domains as well. It is very important for the engineering students to get updated by the technology.



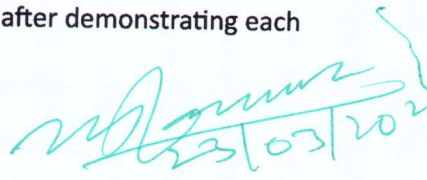
Dr. Arifuddin Sohel sir addressing the participants

It was fully organized by the IEEE CAS& T-SIG MJCET. 30 students from the ECE Dept of the college have participated in the workshop. Dr. Arifuddin Sohel, professor, Head ECE-Dept, MJCET and also the workshop coordinator addressed the gathering on day-2 of the workshop and demonstrated about the importance of digital twin.

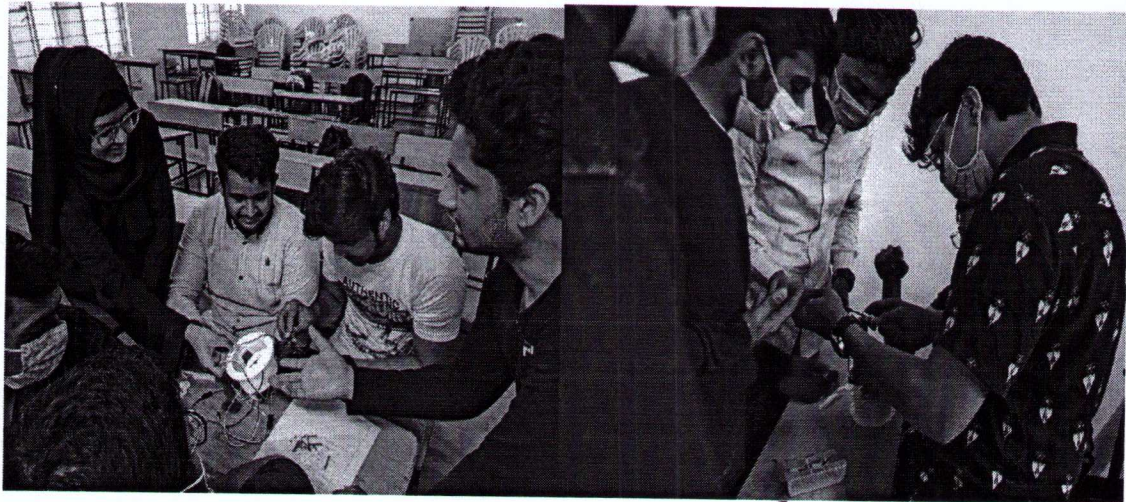
We demonstrated the working of digital twin with the Robotic Arm and also demonstrated the making and working of robotic arm. Later we divided the participants into five teams and gave a Robotic Arm kit and made them do the analysis of it and we also gave them the hands-on tasks after demonstrating each thing.

Hands-on activities include

- Tear down of servo


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- Disassembling the robotic arm
- Circuit analysis
- Assembling the robotic arm
- Control of robotic arm.



Participants doing hands-on activities

This Two-day workshop included the following

- Introduction of the workshop
- Introduction on digital twin
- Introduced to the components
- Induction to servos and its working
- Node MCU programming
- Demonstrated 3d printing on Shape.
- Circuit analysis
- Hands-on activities.

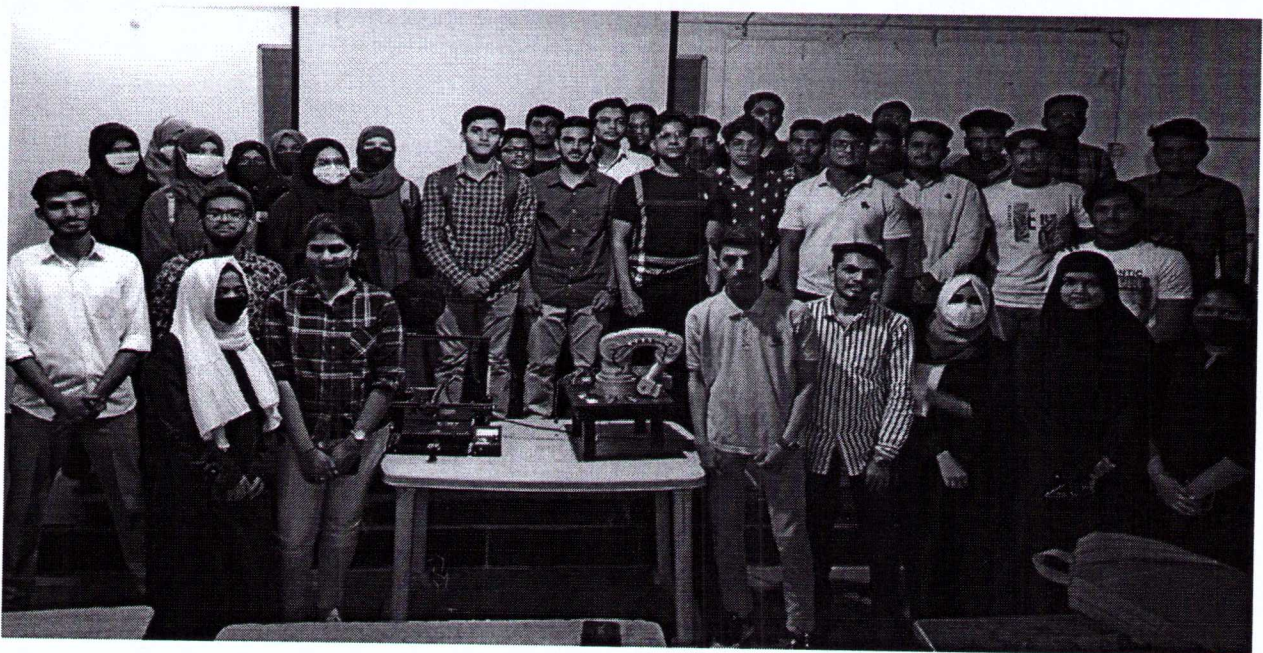
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We divided the participants into five teams and organized the hands-on session while demonstrating it. After completion of hands-on activities, we demonstrated the working of robotic arm using BLYNK application. The session was moderated by Dr. Arifuddin Soheli, HOD ECE, Secretary IEEE, Hyderabad Section. Robotic Arm kits were distributed to each participating team in the valedictory session and the customized goodies were presented to the best participants and the top scorers from the quiz. The teaching assistants had a key responsibility of ensuring that every single participant could get the desired results, further the participants were facilitated with the certificate of participants.

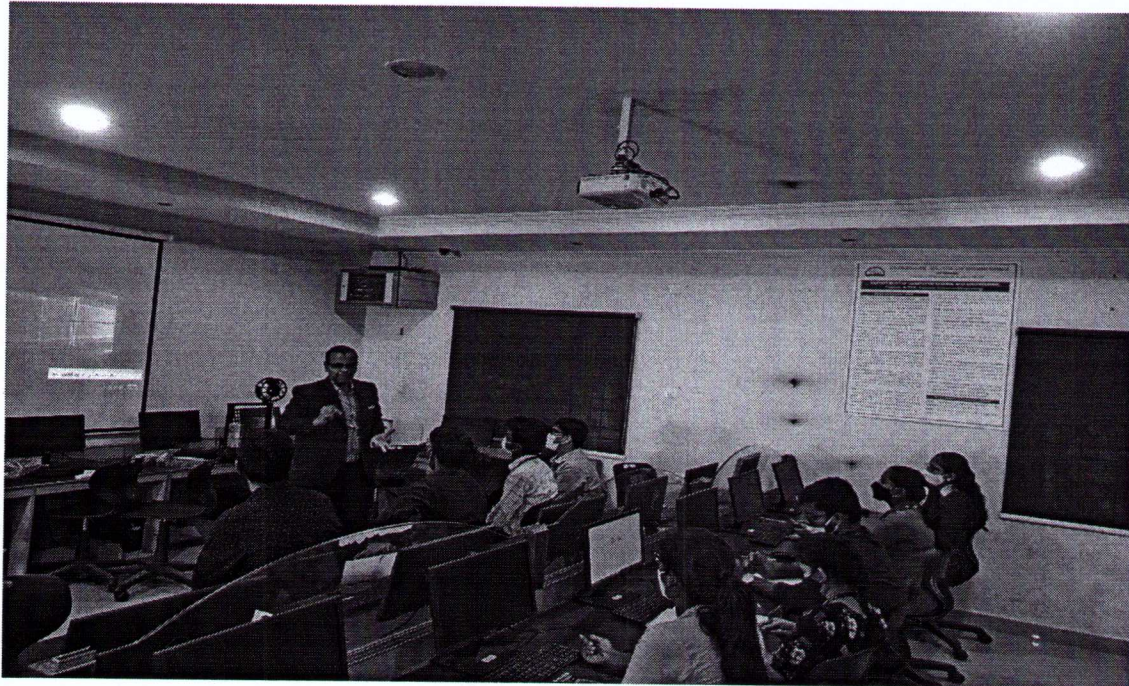


Participants of the digital twin workshop

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2nd WORKSHOP CONDUCTED AT VCET:

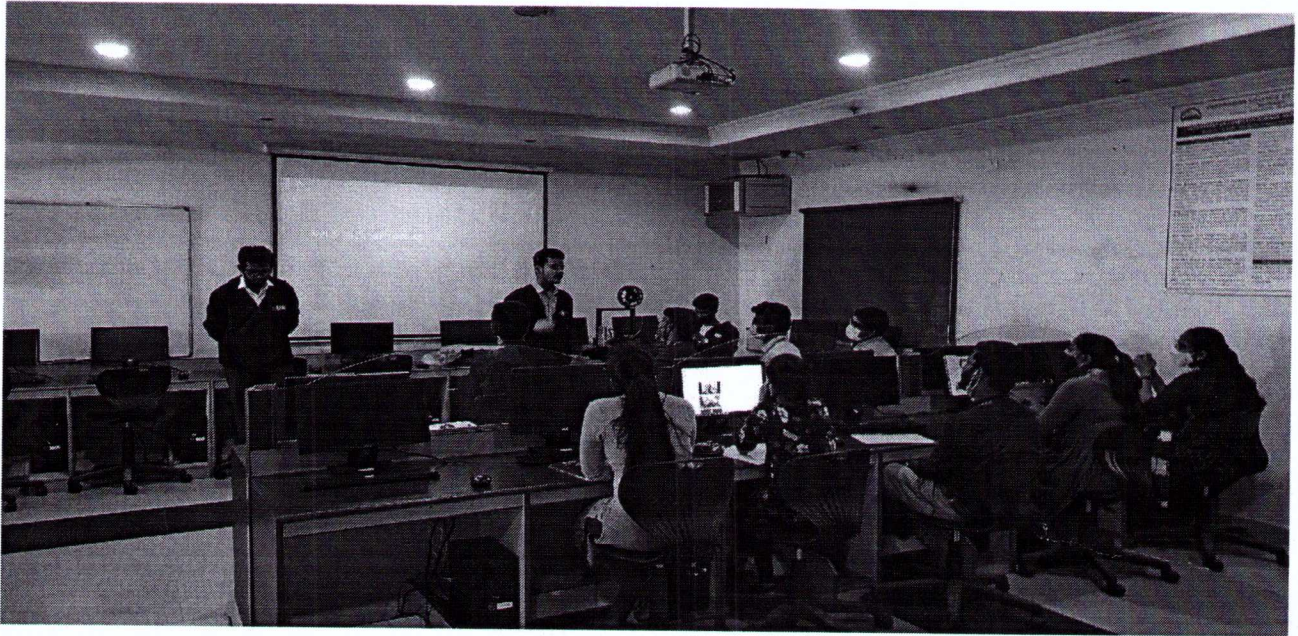
The IEEE CASS/RAS chapter of Hyderabad section organized a One-day workshop on Digital Twin with collaboration with the ECE department of Vardhaman College of Engineering and Technology. It was fully sponsored by IEEE CASS & IEEE HYDERABAD Section. Over thirty students from the various branches of the college have attended the workshop.



Dr. Arifuddin Sohel, Secretary IEEE Hyderabad Section addressing the participants

Dr. Arifuddin Sohel, Secretary IEEE Hyderabad section, addressed the participants and discussed the importance of digital twin technology and shared some word of wisdom and left the enthusiasm in the participants.

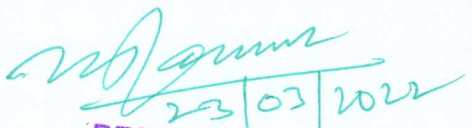
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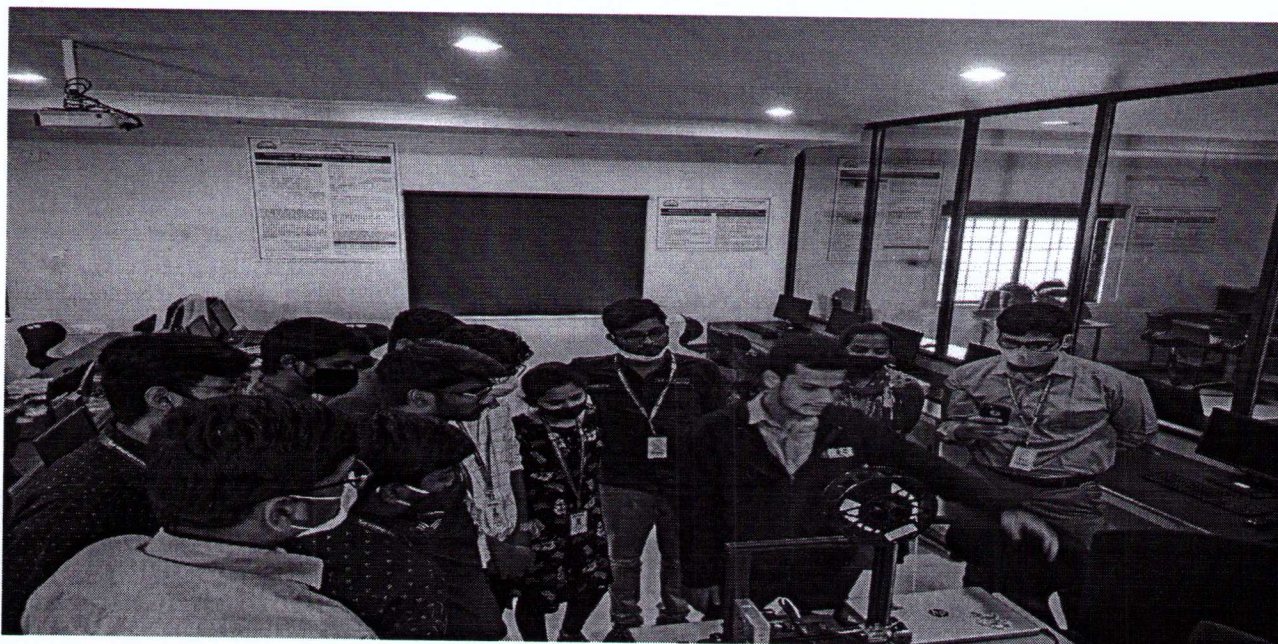


Demonstrating DIGITAL TWIN

The following things was discussed and demonstrated in the session...

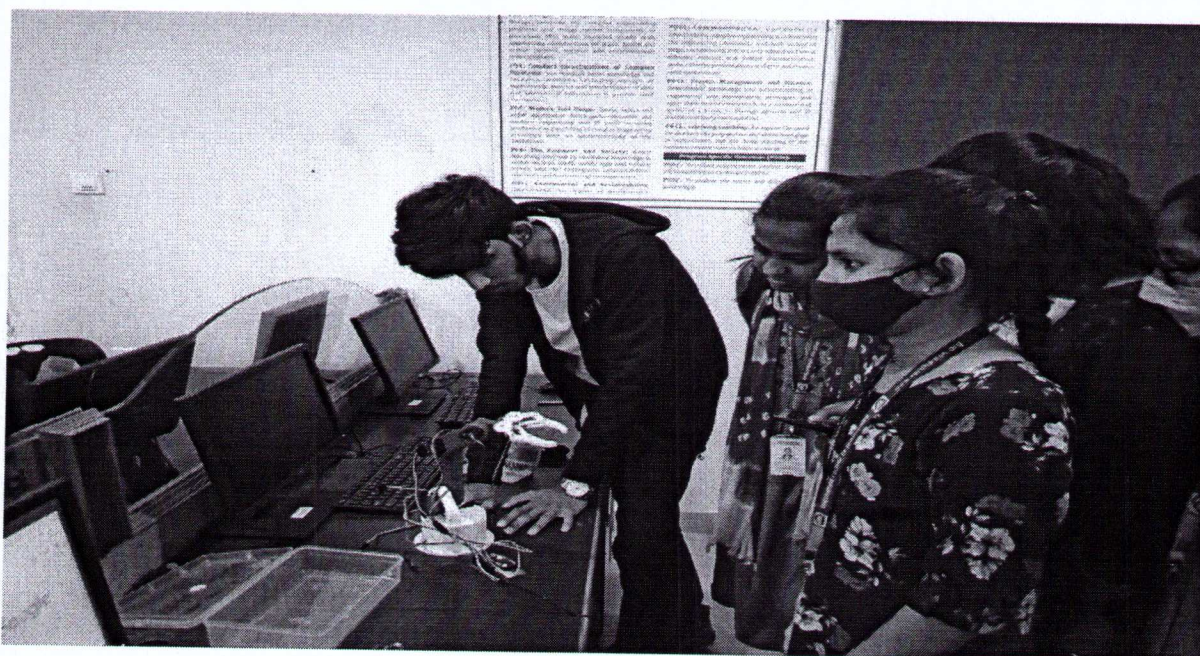
- Introduction to digital twin
- Overview of robotic arm
- Onshape CAD modelling
- Node MCU & Servo introduction
- Introduced to easyeda & schematic structure
- Arduino programing
- Demonstration to BLYNK application
- Demo on unity 3d


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Demonstrating the working of 3d printer

The above topics were introduced and demonstrated in the session. After this we have divided the participants into 5 teams and followed by the hands-on session. Each team was allotted by the robotic arm kits and were asked to do some interesting activities and to assemble the robotic arm. After the robotic arm was assembled done the circuit analysis part and then demonstrated the working of Robotic arm using BLYNK app using internet.



Controlling the arm during hands-on activities

Hands on activities include

m. Jagan
23/02/2024

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- Design of schematic circuit.
- Assembling the Robotic arm.
- Circuit connections.
- Controlling arm using blynk



Team of MJCET & VCE

With this the workshop was closed with the vote of thanks by the IEEE Student branch of Vardhaman College of Engineering and Technology.

3RD WORKSHOP CONDUCTED AT NSAKCET.

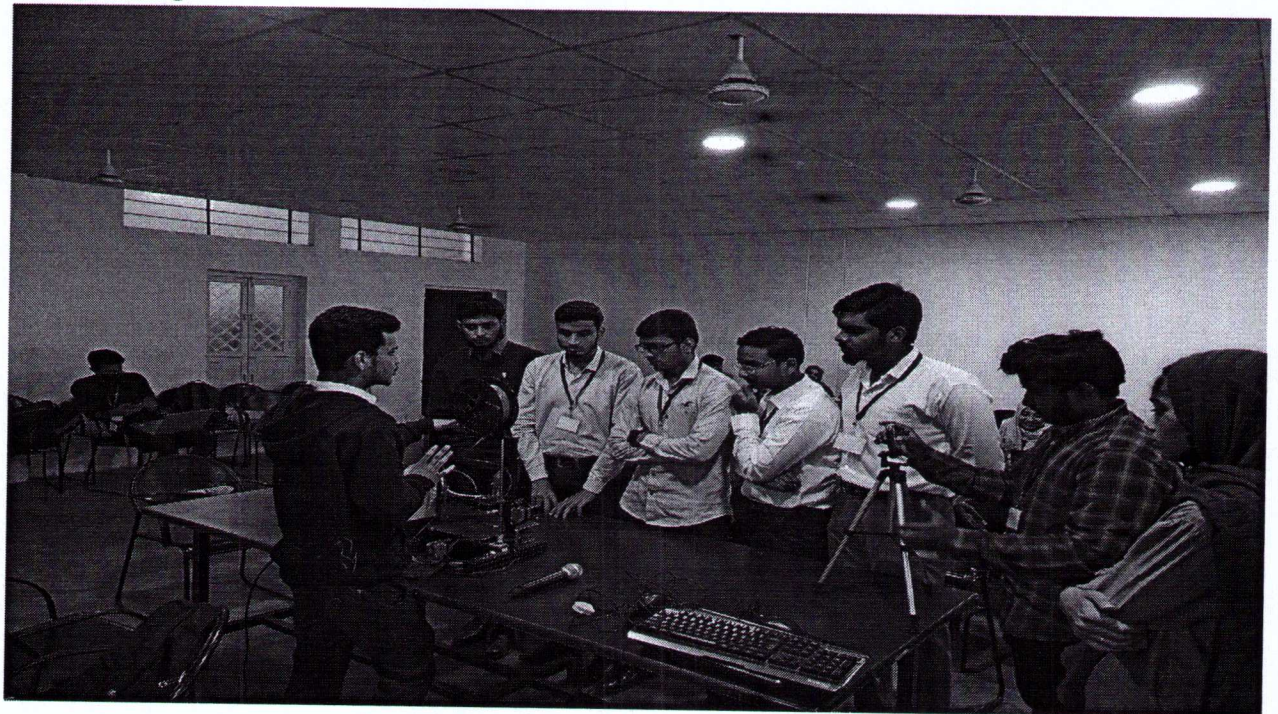
The IEEE CASS/RAS chapter and IEEE Student branch of Hyderabad section organized a One-day workshop on Digital Twin with collaboration with the ECE department of Nawab Shah Alam Khan College of Engineering and Technology. It was fully sponsored by IEEE CASS & IEEE HYDERABAD Section. Over thirty students from the various branches of the college have attended the workshop.

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Dr. Arifuddin Sohel addressing the gathering and presented by the momentum

Dr. Mohammed Arifuddin Sohel, Secretary IEEE Hyderabad section, Chair RAS Chapter, Head ECED, MJCET and also the workshop coordinator presented the talk on digital twin technology and introduced to the digital twin and robotic arm and the importance and applications/uses of it and informed the gathering that the workshop is being organized to spread the knowledge of digital twin technology and robotic arm to the various engineering students from both rural and urban areas. All most thirty students were participated in this workshop from various branches of engineering.



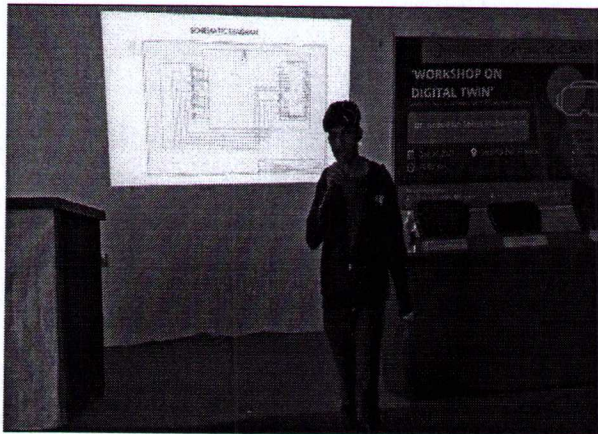
Demonstrating the working of 3d printer

The following things was discussed and demonstrated in the session...

- Introduction to digital twin
- Overview of robotic arm

M. J. Sohel
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- Onshape CAD modelling
- Node MCU & Servo introduction
- Introduced to easyeda & schematic structure
- Arduino programming
- Demonstration to BLYNK application
- Demo on unity 3d



The above topics were introduced and demonstrated in the session. After this we have divided the participants into 5 teams and followed by the hands-on session. Each team was allotted by the robotic arm kits and were asked to do some interesting activities and to assemble the robotic arm. After the robotic arm was assembled done the circuit analysis part and then demonstrated the working of Robotic arm using BLYNK app using internet.

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Muffakham Jah College of Engineering & Technology

Electronics and Communication Engineering Department

Presents

A 2 Week Online Workshop

On

Emerging Technologies

7th to 18th December 2020

About the Department: The ECE Department provides a holistic environment for the overall development of the student. The courses offered include, B.E, M.E in digital systems and the department has been declared as a Research Center by Osmania University in 2013. Osmania University allots scholars to the Research centre to pursue their Ph.D. At present three research scholars and two JRFs are carrying out their work at MJCET- ECE Research Centre.

ECE Department is equipped with state of art equipment, avant-garde, voluble and seasoned faculty with abound experience. The students of the department secured top University Ranks and have set the record of highest campus placement offers. With a very active IEEE Student Branch and Robotics Club, the department has achieved international and national level awards and trophies.

VISION

To be recognized as a premier education center providing state of art education and facilitating research and innovation in the field of Electronics and Communication Engineering.

MISSION

We are dedicated to providing high quality holistic education in Electronics and Communication Engineering that prepares the students for successful pursuit of higher education and challenging careers in industry, R&D and academics.

About the workshop:

The workshop provides an overview of the emerging technologies to enhance the knowledge of the students. The participants will become familiar with prevailing technological trends as the topics are relevant and are the need of the hour for the all round development of the students.

Outcome of the Workshop:

1. The Students will be able to independently work on any of the Emerging Technology.
2. The Students will be able to Crack the aptitude test which help in Placements & Higher Studies.
3. The Students will be able to work on Mini Projects on any of the Emerging Technology.

DATE/TIME	2:00-4:00PM	6:00-8:00PM
07/12/2020	ROBOTICS (Dr.Mohd.Arifuddin Sohel)	LEADERSHIP AND EXCELLENCE (Mr. J.K.Nag.)
08/12/2020	DESIGN THINKING (Dr.Nazia Parveen)	PROGRAMMING IN C (Dr.Ayesha Naaz)
09/12/2020	AI&ML (Mrs. Nazeerunnisa)	CYBER SECURITY (Mrs. Afshan Kaleem)
10/12/2020	SENSORS TECHNOLOGY (Mr.Hakeem Aejaaz Aslam)	BIG DATA ANALYSIS WITH DEEP LEARNING (Mrs. B.Sucharitha)
11/12/2020	DATA SCIENCE & ANALYTICS (Dr.Md. Sabir Hussain)	VLSI OPEN SOURCE TOOLS AND GITH HUB (Mr. Md.Zakir Hussain)
14/12/2020	Reading Comprehension (Ms.Maliha Naaz)	WEB APPLICATION DEVELOPMENT (Dr.Salma Fauzia)
15/12/2020	MATHS (Mr.Noorullah Khan)	QUANTUM COMPUTING Mrs.Shubhangi Saxena
16/12/2021	IOT (Mr. Md.Muneeruddin),	REASONING (Mr. Syed Hifazath Ali Khan)
17/12/2021	ETHICS AND VALUES (Dr.Kaleem Fatima)	MATHS (Mr. Iftekharuddin)
18/12/2021	REASONING	SQL

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Date: 05/10/2020

From

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

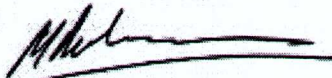
To

Mr. J. K.Nag,
Associate Head, ECED.

Sub: Conduction of Workshop on "Emerging Technologies"- Regarding.

It is to inform you that as part of Induction Program, a series of webinars as part of Workshop is to be planned for the 1st year Students of E.C.E. In this regard, you are requested to plan a Workshop on "Emerging Technologies" for the 1st year Students of E.C.E and inform the date, schedule, resource person and industry/institute.

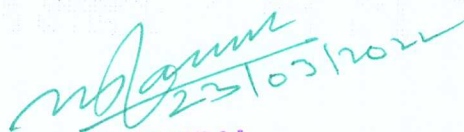
Thanking You,



Head, ECED

Head of the Department

Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills Hyderabad-34



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Communication Letter

Date: 08/11/2020

To

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

Sub: Permission to organize Online Workshop on "Emerging Technologies" -Reg

Sir


I am pleased to inform you that an Online Workshop on "Emerging Technologies" for the 1st year Students of E.C.E on the occasion of Induction Program is scheduled.

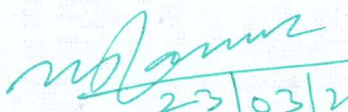
Schedule as follows.

DATE/TIME	2:00-4:00PM	6:00-8:00PM
07/12/2020	ROBOTICS (Dr.Mohd.Arifuddin Sohel)	LEADERSHIP AND EXCELLENCE (Mr. J.K.Nag.)
08/12/2020	DESIGN THINKING (Dr.Nazia Parveen)	PROGRAMMING IN C (Dr.Ayesha Naaz)
09/12/2020	AI&ML (Mrs. Nazeerunnisa)	CYBER SECURITY (Mrs. Afshan Kaleem)
10/12/2020	SENSORS TECHNOLOGY (Mr.Hakeem Aejaz Aslam)	BIG DATA ANALYSIS WITH DEEP LEARNING (Mrs. B.Sucharitha)
11/12/2020	DATA SCIENCE & ANALYTICS (Dr.Md. Sabir Hussain)	VLSI OPEN SOURCE TOOLS AND GITH HUB (Mr. Md.Zakir Hussain)
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15/12/2020	MATHS (Mr.Noorullah Khan)	QUANTUM COMPUTING Mrs.Shubhangi Saxena
16/12/2021	IOT (Mr. Md.Muneebuddin)	REASONING (Mr. Syed Hifazath Ali Khan)
17/12/2021	ETHICS AND VALUES (Dr.Kaleem Fatima)	MATHS (Mr. Iftkharuddin)
18/12/2021	REASONING (Dr. M.A.Raheem)	SQL (Mrs.P.Kamala Kumari)

So, I request you to grant the permission to conduct the webinar series.

Faculty Incharge


Mr. J.K. Nag, Associate Head


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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Meeting

Date: 25/11/2020

Venue: online mode

Time: 02:00PM to 02:30PM IST

Agenda: Discussion for Tentative Titles & date allocation for Emerging Technologies Workshop regd:

Attendees:

1. Dr. Mohammed Arifuddin Sohel, Professor & Head ECED
2. Dr. Kaleem Fatima, Professor, ECED
3. Dr. Nazia Parveen, Professor & M.E Coordinator, ECED
4. Dr. Ayesha Naaz, Professor, ECED
5. Mr. J.K.Nag, Associate Head, ECED
6. Mr. Iftekharuddin, Associate Professor, ECED
7. Dr. Sabir Hussain, Associate Professor, ECED
8. Mr. Syed Hifazath Ali Khan, Sr. Assistant Professor, ECED
9. Mr. Muneeruddin, Sr. Assistant Professor, ECED
10. Ms. Nazeerunnisa, Sr. Assistant Professor, ECED
11. Ms. Afshan Kaleem, Sr. Assistant Professor, ECED
12. Ms. B. Sucharitha, Assistant Professor, ECED
13. Mr. Hakeem Aejaz Aslam, Assistant Professor, ECED
14. Ms. Shubhangi Saxena, Assistant Professor, ECED
15. Mr. Zakir Hussain, Assistant Professor, ECED
16. Mr. Noorullah Khan, Assistant Professor, ECED
17. Mr. M.A. Raheem, Assistant Professor, ECED
18. Ms. Maliha Naaz, Assistant Professor, ECED
19. Dr. Salma Fauzia, Assistant Professor, ECED
20. Ms. Kamala Kumari, Assistant Professor, ECED

The meeting was conducted in online mode on 25th November 2020 at 2:00PM IST to discuss the tentative titles and dates for the Emerging Technologies Workshop to be conducted during Induction Program.

1. The meeting commenced with the brief agenda of the workshop by the Head, ECED.
2. The faculty members expressed their title of interest to be taken up during the Workshop.
3. Dr. Mohammed Arifuddin Sohel, Head, ECED suggested the faculty to take topics on C programming, Reasoning, aptitude and English Proficiency which will help students not only be aware of the emerging technologies but also prepare them for Placements & Higher Studies.
4. It was discussed that the Induction Program will begin in the 2nd week of December 2020.
5. The following titles were proposed by the faculty for the Workshop on Emerging Technologies.
 - Quantum Computing
 - Cyber Security
 - Artificial Intelligence


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Muffakham Jah College of Engineering and Technology
Department of Electronics and Communications Engineering
(THE SULTAN UL ULOOM EDUCATION SOCIETY) Affiliated to Osmania University & Recognized by
AICTE Banjara Hills, Hyderabad - 500 034

presents 2 Week Workshop

on

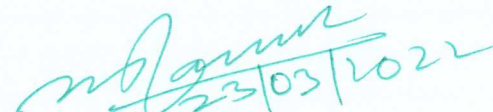
Emerging Technologies

Speakers: ECED Faculty

Venue –Online

From: 7th December to 18th December 2020

Timing: 2:00PM to 4:00 PM & 6:00PM to 8:00PM


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2 Week Online Workshop On Emerging Technologies

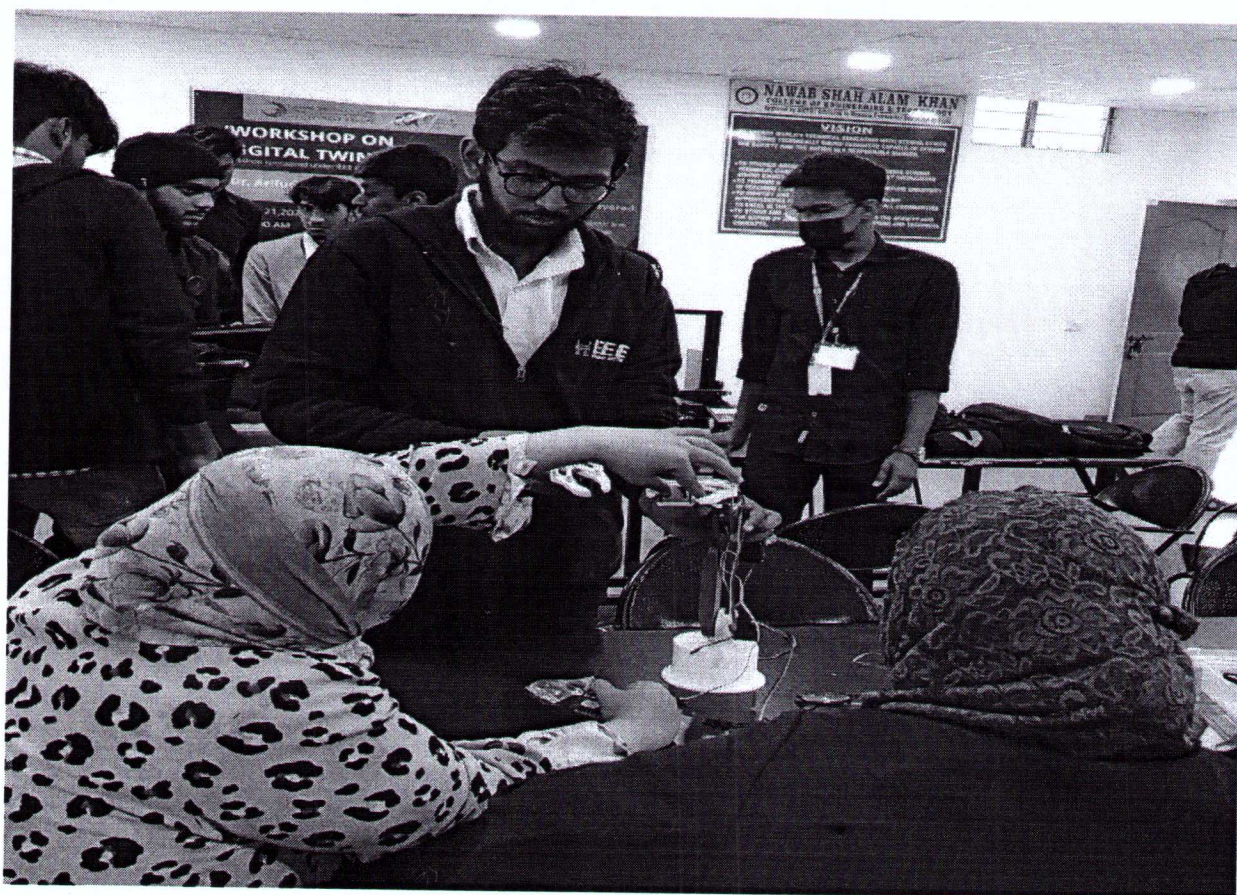
S.No	Name of the Student	07-Dec	08-Dec	09-Dec	10-Dec	11-Dec	14-Dec	15-Dec	16-Dec	17-Dec	18-Dec
1	<i>Shaik Fareed</i>	present	present	present	present	present	present	present	present	present	present
2	<i>Mahmood Khan</i>	present	present	present	present	present	present	present	present	present	present
3	<i>Naziya Anjum</i>	present	present	present	Absent	present	present	present	present	present	present
4	<i>Gore Mohammed Farhan ullah</i>	present	present	present	present	present	present	present	present	present	present
5	<i>Mohammed Shahid Ali</i>	present	Absent	present	present	present	present	present	present	present	Absent
6	<i>Waheed Khan</i>	present	present	present	present	present	present	Absent	present	present	present
7	<i>Mohammed Emad Sultan Siddiqi</i>	present	present	present	present	present	present	present	present	present	present
8	<i>Alla Swapnika Sri</i>	present	present	present	present	Absent	present	present	present	Absent	present
9	<i>Syed Tayyab uddin</i>	Absent	Absent	present	Absent	present	present	present	present	present	present
10	<i>Syed Khaif Mohiuddin</i>	present	present	present	present	present	Absent	Absent	present	present	present
11	<i>Rehan Ahmed</i>	present	present	Absent	present	present	present	present	present	present	present
12	<i>Hafsa Jaziba</i>	present	present	present	present	present	present	present	Absent	present	present
13	<i>Mohammed Bilal Ahmed</i>	present	present	present	present	present	present	present	present	present	present
14	<i>Anees unnisa</i>	present	present	present	present	present	present	present	present	Absent	present
15	<i>Fahat Bar Khan</i>	present	present	present	present	Absent	present	present	present	present	present
16	<i>Syed Arhhann Ahmad</i>	present	present	present	present	present	present	present	present	present	present
17	<i>Mohammed Aathif Junaid</i>	present	present	present	present	present	present	present	present	present	present
18	<i>Hasan Ali Al Qattan</i>	present	Absent	present	present	present	present	present	present	present	present
19	<i>Syed Anas Mannan Ahmed</i>	present	present	Absent	present	present	present	Absent	present	present	Absent
20	<i>Saniya Begum</i>	present	present	present	present	present	present	present	present	present	present
21	<i>Syed Nawaz</i>	Absent	present	present	Absent	present	present	present	present	present	present
22	<i>Syed Danish Amaan</i>	present	present	present	present	Absent	present	present	present	present	present
23	<i>Syed Yahiya</i>	present	present	present	present	present	present	present	Absent	Absent	present
24	<i>Ghulam Ahmed Ibraaz Mohiuddin</i>	present	present	present	present	present	present	present	present	present	present
25	<i>Maleeha Naba</i>	present	present	present	present	present	Absent	present	present	present	present
26	<i>Mohammed Saif ur Rahman</i>	present	present	present	present	present	present	present	present	present	present
27	<i>Safwan Mohammed</i>	present	present	Absent	present	present	present	present	present	present	present


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28	Mohammed Nabeel	present	present	present	present	present	present	present	present	present	present
29	Mohd Adnan Pasha	present	present	present	Absent	present	present	Absent	present	present	Absent
30	Syed Rehan Malik	present	present	present	present	present	present	present	present	present	present
31	Syed Salluddin	present	Absent	present	present	present	present	present	present	present	present
32	Mohd Bilal Ahmed	present	present	present	present	present	present	present	Absent	present	present
33	Mir Hasan Ali Abedi	present	present	present	present	present	Absent	present	present	Absent	present
34	Aiman Jameel	present	present	present	present	present	present	present	present	present	present
35	Fouziyah Shirin	Absent	present	present	present	Absent	present	present	present	present	Absent
36	Ayyub Khan	present	present	present	Absent	present	present	present	present	present	Absent
37	Mohd Gufran Khursheed	present	present	present	present	present	present	present	present	present	Absent
38	Rabiya Mohammadi Syeda	present	present	present	present	present	present	Absent	present	present	Absent
39	Thowheedulla Khan	present	present	present	present	present	present	present	present	present	present
40	Sanya Begum	present	present	Absent	Absent	present	present	present	present	present	present
41	Quazi Zainuddin Ahmed Siddiqui	present	present	present	present	Absent	present	present	present	Absent	present
42	Mohd Hamza Anwar	present	present	present	present	present	present	present	present	present	present
43	Mohammed Sufyan Saleem	Absent	present	present	present	present	present	present	present	present	Absent
44	Mohammed Irfan Khan	present	present	present	present	present	present	present	present	present	present
45	Mohammed Faizan Ahmed	present	present	present	present	present	present	present	Absent	present	present
46	Diya Agarwal	present	present	present	present	present	Absent	present	present	present	present
47	Syed Saffan Ahmed	present	present	present	present	present	present	present	present	Absent	present
48	Mohd Mirza Asgar Hadi	present	present	present	Absent	Absent	present	present	present	present	present
49	Shoaib Minhaj Khan	present	present	present	present	present	present	Absent	present	present	present
50	Syed Ibrahim uddin	present	present	present	present	present	present	present	present	Absent	present
51	Mohammed Mustafa Abrar	Absent	present	present	present	present	present	present	present	present	present
52	Sabahat Maheen	present	present	Absent	present	present	present	present	Absent	present	present
53	Syed Amaan Ahmed	present	present	present	present	present	present	present	present	present	present
54	Md Furqan Hasan	present	present	present	Absent	present	Absent	present	present	present	present
55	Huzaiifa Abdul Wadood Siddiqui	present	present	present	present	present	present	present	present	present	present
56	Anzar Irfan Khan	present	present	Absent	present	Absent	present	present	present	present	present
57	Syed Haseeb uddin	present	present	present	present	present	present	present	present	present	present

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Demonstrating the working of robotic arm during hands-on activities

Hands on activities include

- Design of schematic circuit.
- Assembling the Robotic arm.
- Circuit connections.
- Controlling arm using blynk.

With this the workshop was closed with the vote of thanks by the ECE HOD Ms. Shanila Mehreen, Advisor RAS, NSAKCET.

END

Shanila Mehreen
23/03/2022
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58	Abdul Quadir Omer	present	present	present	present	present	present	present	present	present	present
59	Hurmatah Sara	present	present	present	Absent	present	present	present	present	present	present
60	Mohammed Maaz Waheed	present	present	present	present	present	present	present	present	present	present
61	Sameeha Hameed	present	Absent	present	present	present	present	present	present	present	Absent
62	Ahsan Baseer	present	present	present	present	present	present	Absent	present	present	present
63	Faraaz Siddiqui	present	present	present	present	present	present	present	present	present	present
64	Syed Sadat Ali	present	present	present	present	Absent	present	present	present	Absent	present
65	Syed Rayanuddin	Absent	Absent	present	Absent	present	present	present	present	present	present
66	Mohammed Sami uddin	present	present	present	present	present	Absent	Absent	present	present	present
67	Zainab Sultana	present	present	Absent	present	present	present	present	present	present	present
68	Saniya Khanam	present	present	present	present	present	present	present	Absent	present	present
69	Mohammed Taqiuddin	present	present	present	present	present	present	present	present	present	present
70	Ayesha Midhath Anam	present	present	present	present	present	present	present	present	Absent	present
71	Mohd Mehraj Ahmed	present	present	present	present	Absent	present	present	present	present	present
72	Mohammad Abdul Arshad	present	present	present	present	present	present	present	present	present	present
73	Syeda Huzaifah Younus	present	present	present	present	present	present	present	present	present	present
74	Zaid Amer Syed	present	Absent	present	present	present	present	present	present	present	present
75	Nandyala Kalam Basha	present	present	Absent	present	present	present	Absent	present	present	Absent
76	Syed Khaja Fakhruddin	present	present	present	present	present	present	present	present	present	present
77	Zeba	Absent	present	present	Absent	present	present	present	present	present	present
78	Mohammed Najmuddin Farooqui	present	present	present	present	Absent	present	present	present	present	present
79	Arshad Ahmed Shareef	present	present	present	present	present	present	present	Absent	Absent	present
80	Mohd Ghouse Tazeem	present	present	present	present	present	present	present	present	present	present
81	Mohammed Hassan Ahmed	present	present	present	present	present	Absent	present	present	present	present
82	Mirza Sameeullah Baig	present	present	present	present	present	present	present	present	present	present
83	Mohd Zahed Khan	present	present	Absent	present	present	present	present	present	present	present
84	Abdul Nayeemuddin Rashed	present	present	present	present	present	present	present	present	present	present
85	Syed Ahmed Khasim Ghouri	present	present	present	Absent	present	present	Absent	present	present	Absent
86	Shaishta Daniya	present	present	present	present	present	present	present	present	present	present
87	Shaik Fayaz Ahmed	present	Absent	present	present	present	present	present	present	present	present


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88	Mohammed Salahuddin	present	present	present	present	present	present	present	Absent	present	present
89	Syed Imtiyaz Ali	present	present	present	present	present	Absent	present	present	Absent	present
90	Mohammed Ilyas Ahmed	present	present	present	present	present	present	present	present	present	present
91	Nimra Ali Siddiqui	Absent	present	present	present	Absent	present	present	present	present	Absent
92	Liyaqat Ali	present	present	present	Absent	present	present	present	present	present	Absent
93	Sarah Firdious	present	present	present	present	present	present	present	present	present	present

M. J. M.
23/03/2022

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Feedback of 2 Week Online Workshop On Emerging Technologies

S.No	Name of the Student	The content of the workshop was relevant?	Please Rate your experience of this workshop on a scale of 5	Please rate the technical content of the lecture on a scale of 5	Was the length of the lecture adequate	After the lecture(s), were the speaker(s) available to answer any questions/ comments ?
1	Shaik Fareed	yes	5	5	4	5
2	Mahmood Khan	yes	5	4	2	5
3	Naziya Anjum	yes	5	5	5	5
4	Gore Mohammed Farhan ullah	yes	5	5	5	5
5	Mohammed Shahid Ali	yes	5	5	5	5
6	Waheed Khan	yes	4	5	4	5
7	Mohammed Emad Sultan Siddiqi	yes	5	5	5	5
8	Alla Swapnika Sri	yes	5	4	5	5
9	Syed Tayyab uddin	yes	5	5	5	5
10	Syed Khaif Mohiuddin	yes	5	5	5	5
11	Rehan Ahmed	yes	4	5	5	5
12	Hafsa Jaziba	yes	5	5	4	5
13	Mohammed Bilal Ahmed	yes	5	3	5	5
14	Anees unnisa	yes	5	5	5	4
15	Fahat Bar Khan	yes	4	5	5	5
16	Syed Arhhann Ahmad	yes	5	5	5	5
17	Mohammed Aathif Junaid	yes	3	4	5	5
18	Hasan Ali Al Qattan	yes	5	5	5	5
19	Syed Anas Mannan Ahmed	yes	4	5	5	3
20	Saniya Begum	yes	5	5	4	5
21	Syed Nawaz	yes	5	5	5	5
22	Syed Danish Amaan	yes	5	4	5	3
23	Syed Yahiya	yes	5	5	5	5
24	Ghulam Ahmed Ibraaz Mohiuddin	yes	4	3	5	4
25	Maleeha Naba	yes	5	5	5	5
26	Mohammed Saif ur Rahman	yes	4	5	5	5
27	Safwan Mohammed	yes	5	4	4	5
28	Mohammed Nabeel	yes	5	5	5	4
29	Mohd Adnan Pasha	yes	3	5	5	5
30	Syed Rehan Malik	yes	5	5	4	5
31	Syed Salluddin	yes	3	5	5	5
32	Mohd Bilal Ahmed	yes	4	5	5	4

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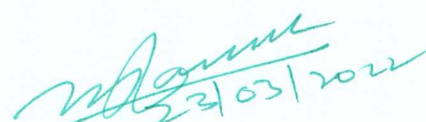
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33	Mir Hasan Ali Abedi	yes	5	5	5	5
34	Aiman Jameel	yes	5	5	5	5
35	Fouziyah Shirin	yes	5	5	5	5
36	Ayyub Khan	yes	5	5	5	5
37	Mohd Gufran Khursheed	yes	5	5	5	5
38	Rabiya Mohammadi Syeda	yes	5	5	5	5
39	Thowheedulla Khan	yes	5	5	3	5
40	Sanya Begum	yes	5	5	5	5
41	Quazi Zainuddin Ahmed Siddiqui	yes	5	3	4	4
42	Mohd Hamza Anwar	yes	5	5	5	5
43	Mohammed Sufyan Saleem	yes	5	5	5	5
44	Mohammed Irfan Khan	NO	5	5	4	5
45	Mohammed Faizan Ahmed	yes	5	5	5	5
46	Diya Agarwal	yes	5	5	5	5
47	Syed Saffan Ahmed	yes	5	3	5	5
48	Mohd Mirza Asgar Hadi	yes	5	5	5	5
49	Shoaib Minhaj Khan	yes	5	5	5	5
50	Syed Ibrahim uddin	yes	5	5	5	5
51	Mohammed Mustafa Abrar	yes	5	5	5	5
52	Sabahat Maheen	yes	5	5	5	5
53	Syed Amaan Ahmed	yes	5	5	5	5
54	Md Furqan Hasan	yes	5	5	5	5
55	Huzaifa Abdul Wadood Siddiqui	yes	5	5	5	5
56	Anzar Irfan Khan	yes	5	5	4	5
57	Syed Haseeb uddin	yes	5	4	2	5
58	Abdul Quadir Omer	yes	5	5	5	5
59	Hurmatah Sara	yes	5	5	5	5
#####	Mohammed Maaz Waheed	yes	5	5	5	5
#####	Sameeha Hameed	yes	4	5	4	5
#####	Ahsan Baseer	yes	5	5	5	5
#####	Faraaz Siddiqui	yes	5	4	5	5
#####	Syed Sadat Ali	yes	5	5	5	5
#####	Syed Rayanuddin	yes	5	5	5	5
#####	Mohammed Sami uddin	yes	4	5	5	5
#####	Zainab Sultana	yes	5	5	4	5
68	Saniya Khanam	yes	5	3	5	5
69	Mohammed Taqiuddin	yes	5	5	5	4
70	Ayesha Midhath Anam	yes	4	5	5	5
71	Mohd Mehraj Ahmed	yes	5	5	5	5
72	Mohammad Abdul Arshad	yes	3	4	5	5
73	Syeda Huzaifah Younus	yes	5	5	5	5
74	Zaid Amer Syed	yes	4	5	5	3

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75	Nandyala Kalam Basha	yes	5	5	4	5
76	Syed Khaja Fakhruddin	yes	5	5	5	5
77	Zeba	yes	5	4	5	3
78	Mohammed Najmuddin Farooqui	yes	5	5	5	5
79	Arshad Ahmed Shareef	yes	4	3	5	4
80	Mohd Ghouse Tazeem	yes	5	5	5	5
81	Mohammed Hassan Ahmed	yes	4	5	5	5
82	Mirza Sameeullah Baig	yes	5	4	4	5
83	Mohd Zahed Khan	yes	5	5	5	4
84	Abdul Nayeemuddin Rashed	yes	3	5	5	5
85	Syed Ahmed Khasim Ghouri	yes	5	5	4	5
86	Shaishta Daniya	yes	3	5	5	5
87	Shaik Fayaz Ahmed	yes	4	5	5	4
88	Mohammed Salahuddin	yes	5	5	5	5
89	Syed Imtiyaz Ali	yes	5	5	5	5
90	Mohammed Ilyas Ahmed	yes	5	5	5	5
91	Nimra Ali Siddiqui	yes	5	5	5	5
92	Liyaqat Ali	yes	5	5	5	5
93	Sarah Firdious	yes	5	5	5	5


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Programming in C++

--An awareness

Dr. Ayesha Naaz,
Professor, Dept ECE.

Need to learn coding/programming

Know a language that could help you develop some software in future.

Improves scope of placements in the core sector.

Most of the people in the core sector look for jobs in the IT sector (hence they are so many)

Being a good programmer is the need of the hour. If you are a programmer that surely gives you a great future prospect.

33:25 / 2:06:32

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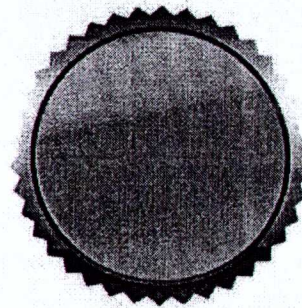
Certificate of Participation

This Certificate is presented to

Hafsa Jaziba

for attending a Two week online workshop on
"Emerging Technologies" organized by the Department of Electronics and
Communication, MJ CET from 7th to 18th December, 2020.

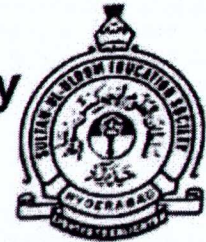
Dr. Mohd. Arifuddin Soheli
Head, ECED



Mr. J.K. Nag
Associate head and
Coordinator

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Certificate of Participation

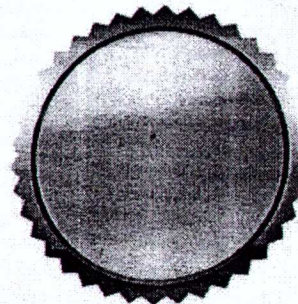
This Certificate is presented to

Saniya Begum

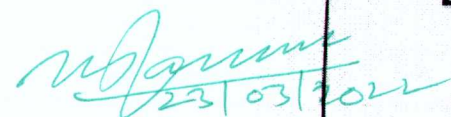
for attending a Two week online workshop on
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Dr. Mohd. Arifuddin Soheli
Head, ECED



Mr. J.K. Nag
Associate head and
Coordinator



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Banjara Hills, Hyderabad

Students Feedback Summary Report of the 2 Week Online Workshop on Emerging Technologies
Conducted by the Department of Electronics and Communication Engineering

A 2 Week Online Workshop on Emerging Technologies was conducted from 7th to 18th December 2020 for the 1st year Students. Around 93 students attended the sessions which were scheduled from 02.00 PM - 4.00 PM & 06:00PM - 08:00PM. The students were very interactive throughout the sessions and were enthusiastic to learn about new technologies and their applications. A brief summary is presented in the table below which shows the percentage of positive responses of the students for the Workshop.

The content of the workshop was relevant?	Please Rate your experience of this workshop on a scale of 5	Please rate the technical content of the lecture on a scale of 5	Was the length of the lecture adequate (scale of 5)	After the lecture(s), were the speaker(s) available to answer any questions/ comments? (scale of 5)
98.92473%	78.4%	82.7957%	81.72043%	87.09677%

J.K. Nag

Mr. J.K.Nag

Cordinator

M. J. S. S. S.

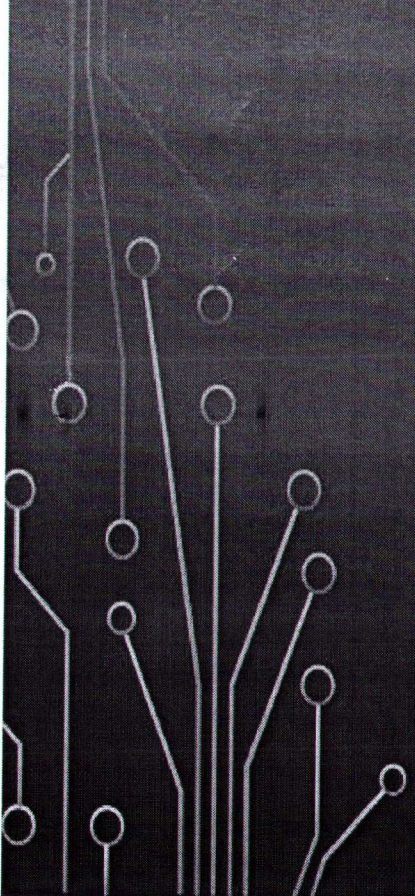
Head of Department

Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills Hyderabad-34

M. J. S. S. S.
23/03/2021

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B.E: 1 year students

Work shop in charge faculty:

**Dr.AyeshaNaaz,Dr.NaziaParveen,
Nazeerunnisa,Afshankaleem,Sabeera
khader**

Time: 1:45PM to 3:45 PM

Venue: meet.google.com/hna-jrpc-bpw

Registration link:

<https://forms.gle/uP2NifhtM25PvSTL7>

OBJECTIVE:

This course provides the student with the fundamental skills to understand the basic of semiconductor and components like diode, transistor, FET, MOSFET and operational amplifier. It will build mathematical and numerical background for design of electronics circuit & component value. We have curated the best and most popular projects which help to finish your basic project work in the initial days of your engineering. In this workshop the students will have hands on experience on basic electronics experiments; each individual experiment contains a components list, circuit diagram, code, working principle, and applications.

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**MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING**

Date: 19/12/2020

From

Head of the Department,

Electronics & Communication Engineering Dept.,
Muffakham Jah College of Engineering & Technology,
Hyderabad

To

Mrs. Ashan Kaleem,
Sr. Assistant Professor,

Sub: Permission to Conduct of work shop on "ELECTRONICS 101"- Regarding.

In order to inculcate 1 year students interest in ELECTRONIC , In this regard, you are requested to plan a Workshop for Students of E.C.E on "ELECTRONICS 101" and inform the date, schedule, resource person and industry/institute.

Thanking You,


Head, ECE
Head of Department

Electronics & Communication Engineer
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills, Hyderabad-34

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23/03/2022

MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING

Communication Letter

Date: 05/09/2020

To

Head of the Department,
Electronics & Communication Engineering Dept,
Muffakham Jah College of Engineering & Technology,
Hyderabad.

Sub: Permission to organize Workshop on "ELECTRONIC 101" -Reg

Sir,

I am pleased to inform you that WORKSHOP on "ELECTRONICS 101" for 1 year students of E.C.E is scheduled.


Schedule as follows.

Date	Spread over the entire semester .
Title of workshop	"ELECTRONICS101"
Resource Persons	1. Dr. Ayesha Naaz 2. DR.Nazia parveen 3. Nazeer unnissa 4. Afshan kaleem 5. Sabeera khader
Participants	B.E 1 year Students

So, I request you to grant the permission to conduct the workshop.


Faculty in charge

Afshan kaleem


23/03/2022
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HYDERABAD - 500 034. A.P

Minutes of Meeting

Date: /0/2021

Venue: online mode

Time: 10:00AM to 11:00AM

Agenda: WORKSHOP ON ELECTRONICS 101 regd:

This meeting was conducted in online mode regarding the conduct of workshop which to be organized in the college from 25th Jan, 2021 to 12th Feb, 2021.

Chairperson: 1 .Dr. Mohammed Arifuddin Sohel, Head of ECE Dept.

For the workshop the following things were discussed.

1. Session will start from 1:45 pm to 4pm spread over the entire semester.
2. Last date to register for the workshop is 23th Jan, 2021.
3. Main focus on 1st year students.
4. All the the workshop material will be should share to the students.
5. Attendance is mandatory to issue the participation of certificate
6. At the end of the workshop, participants will be required to submit a mini project based knowledge what they gain from workshop.

Attendees:

1. Dr. Ayesha Naaz
2. Dr. Nazia parveen
3. Mrs. Nazeer Unnisa
4. Mrs. Afshan kaleem
5. Mrs. sabeera khader

Prepared By,

Mrs. Afshan kaleem , Sr. Asst. Prof., ECE dept



Dr. Mohammed Arifuddin Sohel,

Head of ECE Dept

Head of Department

Electronics & Communication Engineering

Muffakham Jah College of Engg. & Tech.

Road No: 3, Banjara Hills Hyderabad-34



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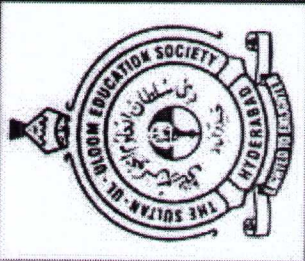
Attendance:

S.No	Name	Roll Number	DAY1	DAY2	DAY3	DAY4	DAY5	DAY6	DAY7	DAY8	DAY9	DAY10
1	Mehvish Fatima	1604-21-735-001	P	P	P	P	P	P	P	P	P	P
2	P. Mahaboob Sana	1604-21-735-002	P	P	P	P	P	P	P	P	P	P
3	Ayesha Siddiqua	1604-21-735-003	P	P	P	P	P	P	P	P	P	P
4	Maliha Safiya	1604-21-735-004	P	P	P	P	P	P	P	P	P	P
5	Mohammed Samrien Erum	1604-21-735-005	A	P	A	P	A	P	P	P	P	P
6	Soheera Ahsan	1604-21-735-006	P	P	P	P	P	P	P	A	P	P
7	Asma Khanam	1604-21-735-007	P	P	P	P	P	P	P	P	P	P
8	Mohd Naseer Hussain	1604-21-735-008	P	P	P	P	A	P	P	P	P	P
9	M. Kashif Baig	1604-21-735-009	P	P	P	P	P	P	A	P	P	P
10	Mohammad Nooman Uddin	1604-21-735-010	P	P	P	P	P	P	P	P	P	P
11	Abdul Rasheed Roshan	1604-21-735-011	P	P	P	P	P	P	P	P	P	P
12	Shaik Meer Sohel	1604-21-735-012	P	P	P	P	P	P	P	P	P	P
13	Mohammed Dawood Kaif	1604-21-735-013	P	P	A	P	P	P	P	P	P	P
14	Mohammed Zaid Sharief	1604-21-735-014	P	P	P	P	P	P	P	P	P	P
15	Mohammed Mohfaaz	1604-21-735-015	P	P	P	P	P	P	P	P	P	P
16	Shaik Muhammad Sami	1604-21-735-016	P	P	P	P	P	P	P	P	P	P
17	Shaik Mohammed Ashrafullah	1604-21-735-017	P	P	P	P	P	P	P	P	P	P
18	Mohammad Sakhib Nawab	1604-21-735-018	P	P	P	P	P	P	P	P	P	P
19	Mohd Shoyab	1604-21-735-019	A	P	P	P	P	P	P	P	P	P
20	Syed Tajuddin	1604-21-735-020	P	P	P	P	P	P	P	A	P	P
21	Gulam Samdani Sharoze	1604-21-735-021	P	P	P	P	A	P	P	P	P	P
22	Mohammed Ikram Hyderi	1604-21-735-022	P	P	P	P	P	P	P	P	P	P
23	Shaik Raiz	1604-21-735-023	P	P	P	P	P	P	P	P	P	P
24	Mohammed Kashif Kamran Farooqui Farooqui	1604-21-735-024	P	P	P	P	P	P	P	P	P	P
25	Ahmer Haider	1604-21-735-025	P	P	P	P	P	P	P	P	P	P
26	Mohammed Ameer	1604-21-735-026	P	P	P	P	P	P	P	A	P	P
27	Nouman Ahmed Kazmi	1604-21-735-027	P	P	P	P	P	P	P	P	P	P
28	Syed Zahoouruddin	1604-21-735-028	P	P	P	P	P	P	P	P	P	P
29	Mohd Yasser Siraj	1604-21-735-029	P	P	P	P	P	P	P	P	P	P

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~~13/03/2022~~

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Workshop on ELECTRONICS 101 ECED,MJCET,HYDERABAD

Speakers:

1. Dr. Ayesha Naqaz
2. DR.Nazia parveen
3. Nazeer unnissa
4. Afshan kaleem
5. sabeera khader

Duration : 25th JAN,2021 to 12th Feb ,2021(2Pm to 4Pm)

(Signature)
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Engineering & Tech
Banjara Hills, Roa
HYDERABAD - 500

Activate
Go to Sett

FEEDBACK ANALYSIS:

S.No	Name	Roll Number	1	2	3	4	5	6	7	8
1	Mehvish Fatima	1604-21-735-001	yes	5	5	5	5	5	5	5
2	P. Mahaboob Sana	1604-21-735-002	yes	5	5	4	5	5	5	4
3	Ayesha Siddiqua	1604-21-735-003	yes	5	4	2	5	4	5	2
4	Maliha Safiya	1604-21-735-004	yes	5	5	5	5	5	5	5
5	Mohammed Samrien Erum	1604-21-735-005	yes	5	5	5	5	5	4	5
6	Soheera Ahsan	1604-21-735-006	yes	5	5	5	5	5	5	5
7	Asma Khanam	1604-21-735-007	yes	4	5	4	5	5	5	4
8	Mohd Naseer Hussain	1604-21-735-008	yes	5	5	5	5	5	5	5
9	M. Kashif Baig	1604-21-735-009	yes	5	4	5	5	5	5	5
10	Mohammad Nooman Uddin	1604-21-735-010	yes	5	5	5	5	4	5	5
11	Abdul Rasheed Roshan	1604-21-735-011	yes	5	5	5	5	5	4	5
12	Shaik Meer Sohel	1604-21-735-012	yes	4	5	5	5	5	5	5
13	Mohammed Dawood Kaif	1604-21-735-013	yes	5	5	4	5	5	3	4
14	Mohammed Zaid Sharief	1604-21-735-014	yes	5	3	5	5	5	5	5
15	Mohammed Mohfaaz	1604-21-735-015	yes	5	5	5	4	5	5	5
16	Shaik Muhammad Sami	1604-21-735-016	yes	4	5	5	5	5	4	5
17	Shaik Mohammed Ashrafullah	1604-21-735-017	yes	5	5	5	5	5	5	5
18	Mohammad Sakhib Nawab	1604-21-735-018	yes	3	4	5	5	5	5	5
19	Mohd Shoyab	1604-21-735-019	yes	5	5	5	5	4	5	5
20	Syed Tajuddin	1604-21-735-020	yes	4	5	5	3	5	4	5
21	Gulam Samdani Sharoze	1604-21-735-021	yes	5	5	4	5	5	5	4
22	Mohammed Ikram Hyderi	1604-21-735-022	yes	5	5	5	5	5	5	5
23	Shaik Raiz	1604-21-735-023	yes	5	4	5	3	5	5	5
24	Mohammed Kashif Kamran Farooqui	1604-21-735-024	yes	5	5	5	5	5	3	5
25	Ahmer Haider	1604-21-735-025	yes	4	3	5	4	5	5	5
26	Mohammed Ameer	1604-21-735-026	yes	5	5	5	5	4	4	5
27	Nouman Ahmed Kazmi	1604-21-735-027	yes	4	5	5	5	5	5	5
28	Syed Zahoouruddin	1604-21-735-028	yes	5	4	4	5	5	5	4
29	Mohd Yasser Siraj	1604-21-735-029	yes	5	5	5	4	5	5	5
30	Mohammed Awais Ahmed	1604-21-735-030	yes	3	5	5	5	4	4	5
31	Mohammed Bin Saleh Abood Basalam	1604-21-735-031	yes	5	5	4	5	5	5	4
32	Shaik Naveed Ahmed	1604-21-735-032	yes	3	5	5	5	5	5	5
33	Mohammed Anas Zaheer Ahmad	1604-21-735-033	yes	4	5	5	4	5	3	5
34	Mohammed Sufiyan	1604-21-735-034	yes	5	5	5	5	5	5	5
35	Mohammed Fareed Khan	1604-21-735-035	yes	5	5	5	5	4	5	5
36	Mohammeed Abdul Baseer	1604-21-735-036	yes	5	5	5	5	5	5	5

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	Farhan											
37	Irfan Ahmed	1604-21-735-037	yes	5	5	5	5	5	5	5	5	5
38	Mohammed Faariq Siddiqui	1604-21-735-038	yes	5	5	5	5	5	5	5	5	5
39	Abdul Mudabbir Ahmed Mohammed	1604-21-735-039	yes	5	5	5	5	5	5	4	5	5
40	Mohammed Abdul Hannan	1604-21-735-040	yes	5	5	3	5	3	5	5	3	3
41	Mohd Sameer	1604-21-735-041	yes	5	5	5	5	4	5	5	5	5
42	Md Sohail	1604-21-735-042	yes	5	3	4	4	5	5	5	4	4
43	Duvvuru Omar	1604-21-735-043	yes	5	5	5	5	5	5	5	5	5
44	Saif Mohammed Khan	1604-21-735-044	yes	5	5	5	5	5	5	5	5	5
45	Mohd Naseruddin	1604-21-735-045	NO	5	5	4	5	5	5	5	4	4
46	Mohammed Habhis Siddiqui	1604-21-735-046	yes	5	5	5	5	5	5	5	5	5
47	Syed Suheb Ahmed	1604-21-735-047	yes	5	5	5	5	5	5	5	5	5
48	Shaik Muqheemuddin	1604-21-735-048	yes	5	3	5	5	5	5	4	5	5
49	Khaja Mohammed Ikramullah Adil	1604-21-735-049	yes	5	5	5	5	5	5	5	5	5
50	Aayaz Ahmed Siddiqui	1604-21-735-050	yes	5	5	5	5	5	5	5	5	5
51	Mohd Amer Khan	1604-21-735-051	yes	5	5	5	5	5	5	5	5	5
52	Shaik Faizan Nazeer	1604-21-735-052	yes	5	5	5	5	5	5	5	5	5
53	Syed Muneer Uddin Quadri	1604-21-735-053	yes	5	5	5	5	5	5	5	5	5
54	Kouser Ali	1604-21-735-054	yes	5	5	5	5	5	5	4	5	5
55	Md Rahmatullah Shariff Adil	1604-21-735-055	yes	5	5	5	5	5	5	5	5	5
56	Mohammed Umar Farooq	1604-21-735-056	yes	5	5	5	5	5	5	3	5	5
	Kashif Ahmed Siddiqui	1604-21-735-057	yes	5	5	5	5	5	5	3	5	5
	Mohammed Sohail Danish	1604-21-735-058	yes	5	5	5	5	5	5	3	5	5
	Abdul Rahman Owaise	1604-21-735-059	yes	5	5	5	5	5	5	3	5	5
	Mohamed Vaiz	1604-21-735-060	yes	5	5	5	5	5	5	3	5	5

1. It was excellent
2. The workshop met your Expectations
3. Your level of knowledge at the start of the workshop
4. How satisfied were you with the session content?
5. The tutor was open to new ideas and view points
6. The tutor took account of students existing knowledge and level of understanding
7. Adequacy of slides in terms of coverage of workshop
8. Precision and answering the questions by the tutor

M. J. S.
23/03/2022

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Certification of Participant



This certificate is Presented to



Ayesha Siddiqua

for attending ar
having a gracious presence in the Workshop "**ELECTRONICS 101** "
organized by the Department of Electronics and communication
MJCET from 25th January to 12th February.

Dr. Arifuddinsohel

Head of the Department

AFSHAN KALEEM

Coordinator

MuffakhamJahCollegeofEngineering&Technology

Certification of Participant



This certificate is Presented to



P. Mahabub Sana

for attending ar


having a gracious presence in the Workshop "**ELECTRONICS 101** "
organized by the Department of Electronics and communication
MJCET from 25th January to 12th February.


Dr. Arifuddinsohel

Head of the Department


AFSHAN KALEEM

Coordinator


25/01/2024
PRINCIPAL
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Certification of Participant



This certificate is Presented to



Mehwish Fatima

for attending ar

having a gracious presence in the Workshop "**ELECTRONICS 101**"
organized by the Department of Electronics and communication
MJ CET from 25th January to 12th February.

Dr. Arifuddin Sohel

Head of the Department

AFSHAN KALEEM

Coordinator

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Banjara Hills, Road No. 3
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Certification of Participant



This certificate is Presented to

Malika Salina for attending and havir
a gracious presence in the Workshop "**ELECTRONICS 101** "
organized by the Department of Electronics and communication
MJCET from 25th January to 12th February.


Dr. Arifuddin Sobel

Head of Department
Electronics & Communication Engineering

Muffakham Jah College of Engg. & Tech
Road No: 3, Banjara Hills Hyderabad-50
Head of the Department


AFSHAN KALEEM

Coordinator


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HYDERABAD - 500 03

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M. J. M.
3/03/2022



MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING

Student Feedback Summary Report for Workshop on "ELECTRONICS 101"

For The Conduct 2 week Workshop on "ELECTRONICS 101" conducted in offline mode from 25 January to 12 February feedback was taken from the students through Google form with queries on clarity of content, course content fulfilling the expectation, planning of sequence of topic, illustration of content with examples, novelty of content and practices.

It is seen that students benefited from the participation in this course as 96 % agree with the query of clarity, course content fulfilling the expectation 93% agreed with the query for planning the topic and 94% with the novelty of content and practices. As such it is concluded this workshop was well taken by 1 year students Electronics and Communication Engineering.

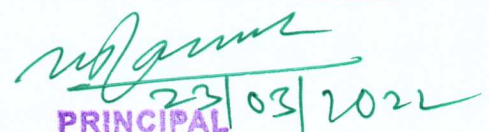


Ms. Afshan Kaleem
Course coordinator



HEAD, ECED
Head of Department

Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No: 3, Banjara Hills Hyderabad-34



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Outcome of workshop:

Many students have done "Electronics 101" on the knowledge what they gained from the workshop which was conducted spread over the entire semester: the students are now able to

1. use cathode-ray oscilloscope and take measurements of voltages and current
2. identify basic components of Electronics and Identify the polarity of components
3. were able to understand how to give connections using a breadboard.
4. Students were able to identify Integrated circuits and perform experiments using them.
5. They were also able to understand the concept of a 555 Timer.
6. Students were able to perform an experiment on Dark Sensor and Light Sensor.
7. Students were able to experiment on Water level sensor.
8. Students were able to perform an experiment on electronic code lock using switches
9. Students were able to generate wave form using 555 timer.


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Muffakham Jah College of Engineering & Technology
Electronics and Communication Engineering Department
Presents
A Weekend Workshop
On
Mathematics using Python

1st Jan - 31st Jan 2021 (only on fri-sat-sun)

About the Department: The ECE Department provides a holistic environment for the overall development of the student. The courses offered include, B.E, M.E in digital systems and the department has been declared as a Research Center by Osmania University in 2013. Osmania University allots scholars to the Research centre to pursue their Ph.D. At present three research scholars and two JRFs are carrying out their work at MJCET- ECE Research Centre.

ECE Department is equipped with state of art equipment, avant-garde, voluble and seasoned faculty with abound experience. The students of the department secured top University Ranks and have set the record of highest campus placement offers. With a very active IEEE Student Branch and Robotics Club, the department has achieved international and national level awards and trophies.

VISION

To be recognized as a premier education center providing state of art education and facilitating research and innovation in the field of Electronics and Communication Engineering.

MISSION

We are dedicated to providing high quality holistic education in Electronics and Communication Engineering that prepares the students for successful pursuit of higher education and challenging careers in industry, R&D and academics.

About the workshop:

The workshop provides an overview of the emerging technologies to enhance the knowledge of the students. The participants will become familiar with prevailing technological trends as the topics are relevant and are the need of the hour for the all round development of the students.

DATE	Speaker
01/01/2021	Ms. B. Sucharitha
02/01/2021	Dr. Salma Fauzia
03/01/2021	Ms. B. Sucharitha
08/01/2021	Ms. B. Sucharitha
09/01/2021	Ms. Kamala Kumari
10/01/2021	Sheik Sabeera Khader
15/01/2021	Ms. Kamala Kumari
16/01/2021	Dr. Salma Fauzia
17/01/2021	Ms. B. Sucharitha
22/01/2021	Dr. Sabir Hussain
23/01/2021	Ms. B. Sucharitha
24/01/2021	Dr. M.A Raheem
29/01/2021	Dr. Salma Fauzia
30/01/2021	Ms. Kamala Kumari
31/01/2021	Dr. Salma Fauzia

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Date: 20/12/2020

From

Head of the Department
Electronics & Communication Engineering Dept
Muffakham Jah College of Engineering & Technology
Hyderabad.

To
Dr. Faiz Fauzia,
Assistant Professor
ECED

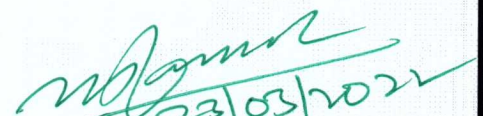
Sub: Permission to organize "A Weekend Workshop On Mathematics using
Python" 1st Jan - 31st Jan 2021 (only on fri-sat-sun)"
- Pending

This is to inform you that Python programming is distinguishing itself from other
programming languages. There is a need to prepare students for the workplace in
accordance with industry standards. In this regard, you are requested to plan a
workshop on Mathematics Python Programming for E.C.E students and to inform the
date, schedule, resource person, and plan accordingly.

Thanking You,


Head of the Department
Electronics & Communication Engineering

Electronics & Communication Engineering
Department of Engg. & Tech.
Banjara Hills Hyderabad-34


22/03/2021
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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 15/12/2020

To

Head of the Department
Electronics & Communication Engineering Dept
Muffakham Jah College of Engineering & Technology
Hyderabad

Permission to organize "A Weekend Workshop On Mathematics using Python"
1st Jan - 31st Jan 2021 (only on fri-sat-sun)" –Reg.

Sir,

I am pleased to inform you that "A Weekend Workshop On Mathematics using Python" is being scheduled from 1st Jan to 31st Jan 2021 which will be conducted in online mode only on fri-sat-sun for the Second Year students of E.C.E.

Schedule is as follows.

Date	01/01/2021 to 31/01/2021
Title of Seminar	A Weekend Workshop On Mathematics using Python
Resource Person	Ms. B. Sucharitha, Dr. Salma Fauzia, Ms. Kamala Kumari, Sheik Sabeera Khader, Dr. Sabir Hussain, Dr. M.A Raheem
Participants	B.E II E.C.E Students

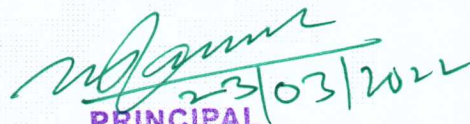
I request you to grant the permission to conduct the workshop.

Fauzia Fauzia

Dr. Salma Fauzia

Assistant Professor

Co-ordinator


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MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Minutes of Meeting

Date: 25/11/2020

Venue: online mode

Time: 02:00PM to 02:30PM IST


Agenda: Discussion for Tentative Titles & date allocation for Mathematics using Python Workshop reg:

Attendees:

- 1. Mohammed Arifuddin Sohel, Professor & Head ECED
- 2. Fatima Fatima, Professor, ECED
- 3. Nazia Parveen, Professor & M.E Coordinator, ECED
- 4. Farah Naaz, Professor, ECED
- 5. Dr. K. Nag, Associate Head, ECED
- 6. M. Hameed Hussain, Associate Professor, ECED
- 7. M. Hameed Hussain, Associate Professor, ECED
- 8. M. Hameed Hussain, Associate Professor, ECED
- 9. M. Hameed Hussain, Associate Professor, ECED
- 10. M. Hameed Hussain, Associate Professor, ECED
- 11. M. Hameed Hussain, Associate Professor, ECED
- 12. M. Hameed Hussain, Associate Professor, ECED
- 13. M. Hameed Hussain, Associate Professor, ECED
- 14. M. Hameed Hussain, Associate Professor, ECED
- 15. M. Hameed Hussain, Associate Professor, ECED
- 16. M. Hameed Hussain, Associate Professor, ECED
- 17. M. Hameed Hussain, Associate Professor, ECED
- 18. M. Hameed Hussain, Associate Professor, ECED
- 19. M. Hameed Hussain, Associate Professor, ECED
- 20. M. Hameed Hussain, Associate Professor, ECED

The meeting was conducted in online mode on 25th November 2020 at 2:00PM IST to discuss the tentative titles and date allocation for Mathematics using Python Workshop to be conducted for B.E II year 3rd semester.

1. The meeting commenced with the brief agenda of the workshop by the Head, ECED.
2. The faculty members expressed their title of interest to be taken up during the Workshop.
3. Mohammed Arifuddin Sohel, Head, ECED explained the importance of Python that can be used for scientific computing, symbolic math, testing proofs and for plotting. It was discussed that the workshop will begin in the 2nd week of December 2020.
4. The following titles were proposed and interested members from the department were asked to choose from the following tasks
 - 1. Working started with python
 - 2. Data handling
 - 3. Modules


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Muffakham Jah College of Engineering and Technology

**Department of Electronics and Communications
Engineering**

(THE SULTAN UL ULOOM EDUCATION SOCIETY)

**Affiliated to Osmania University & Recognized by AICTE, Banjara Hills,
Hyderabad - 500 034**

Presents

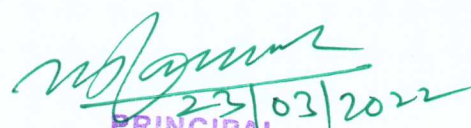
A Weekend Workshop on Mathematics using Python

Speakers: ECED Faculty

Venue – Online

From: 1st Jan - 31st Jan 2021 (only on fri-sat-sun)

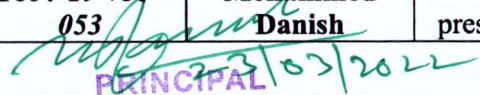
Timing: 6:00PM to 8:00 PM


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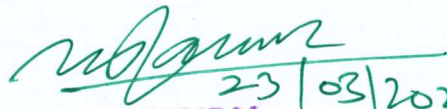
17	1604-19-735-017	Mohammed Sohail	present	present	present	present	present	present	present	present	present	Absent
20	1604-19-735-020	Mohammed Fardeen Sumair	present	present	present	present	present	present	present	present	present	present
21	1604-19-735-021	Syed Usama Ilyas	present	present	present	present	present	present	present	present	present	present
22	1604-19-735-022	Mohd Minhajuddin	present	present	present	present	present	present	present	present	present	present
23	1604-19-735-023	Shaik Bajibaba	present	present	present	present	present	present	present	Absent	Absent	Absent
24	1604-19-735-024	Abdul Rahman Adil	present	present	present	present	present	present	present	present	present	present
25	1604-19-735-025	Syed Ismail Ali	present	present	present	present	present	Absent	present	present	present	present
26	1604-19-735-026	Mohammed Rayan Baig	present	present	present	present	present	present	present	present	present	Absent
27	1604-19-735-027	Ayaan Siddiqui	present	present	present	present	present	present	present	present	present	present
28	1604-19-735-028	Mohammed Junaid	present	present	present	present	present	present	present	present	present	present
29	1604-19-735-029	Mohd Yousuf Hussain	present	present	present	present	present	present	present	present	present	present
30	1604-19-735-030	Mohammed Sadiq Uddin	Absent	present	present	Absent	present	present	present	present	present	present
31	1604-19-735-031	Shaik Ahmed Ali	present	present	present	present	Absent	present	present	present	present	present
32	1604-19-735-032	Mohammed Ameer Baba	present	present	present	present	present	present	present	Absent	Absent	present
33	1604-19-735-033	Mohammed Aman	present	present	present	present	present	present	present	present	present	present
34	1604-19-735-034	Syed Junaid Mohiuddin	present	present	present	present	present	Absent	present	present	present	present
35	1604-19-735-035	Md. Arbaaz Ahmed	Absent	present	present	present	Absent	present	present	present	present	present

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38	1604-19-735-038	Mohd Mugeetuddin	present	present	present	Absent	present	present	present	present	present	present
39	1604-19-735-039	Shaik Mubin	present	present	present	present	present	present	present	present	present	present
40	1604-19-735-040	Mohammed Zaid	present	present	Absent	Absent	present	present	present	present	present	present
41	1604-19-735-041	Md. Abdul Rahman	present	present	present	present	Absent	present	present	present	Absent	present
42	1604-19-735-042	Mohd Waseem	present	present	present	present	present	present	present	present	present	Absent
43	1604-19-735-043	Syed Nazeem Ahmed	Absent	present	present	present	present	present	present	present	present	present
44	1604-19-735-044	Mohd Misbhauddin	present	present	present	present	present	present	present	present	present	present
45	1604-19-735-045	Syed Sabihullah Hussaini	present	present	present	present	present	present	present	Absent	present	present
46	1604-19-735-046	Mohammed Numaan Ahmed	present	present	present	present	present	Absent	present	present	present	present
47	1604-19-735-047	Mohammed Ismail	present	present	present	present	present	present	present	present	Absent	present
48	1604-19-735-048	Syed Rizwan Ali Siraj	present	present	present	Absent	Absent	present	present	present	present	present
49	1604-19-735-049	Syed Aman	present	present	present	present	present	present	Absent	present	present	present
50	1604-19-735-050	Md. Sameer Ahmed	present	present	present	present	present	present	present	present	Absent	present
51	1604-19-735-051	Shaik Wasi Adnan	Absent	present	present	present	present	present	present	present	present	present
52	1604-19-735-052	Mohammed Asim Adil Baig	present	present	Absent	present	present	present	present	Absent	present	present
53	1604-19-735-053	Mohammed Danish	present	present	present	present	present	present	present	present	present	present


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		Mohiuddin										
54	1604-19-735-054	Md. Fardeen										
55	1604-19-735-055	Shahid Fardeen									present	present
56	1604-19-735-056	Mohammed Abdul Amer Ahmed	present	present	Absent	present	Absent	present	present	present	present	present
57	1604-19-735-057	Md. Yaseen	present	present	present	present	present	present	present	present	present	present
58	1604-19-735-058	Mohammed Abdul Wahid	present	present	present	present	present	present	present	present	present	Absent
59	1604-19-735-059	Md. Abul Fatha Mohiuddin	present	present	present	Absent	present	present	present	present	present	present
60	1604-19-735-060	Mustaq Ahmed Khan	present	present	present	present	present	present	present	present	present	present
61	1604-19-735-301	Gujjula Priyanka	present	Absent	present	present	present	present	present	present	present	present
62	1604-19-735-302	Nakerakomula Manideep	present	present	present	present	present	present	Absent	present	present	present


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Feedback on Mathematics using Python (1st-31st Jan)

1st Jan - 31st Jan 2021 (only on fri-sat-sun)

on
Mathematics using Python

S.No	Roll No	Name of the Student	The content of the workshop was relevant?	Please Rate your experience of this workshop on a scale of 5	Please rate the technical content of the lecture on a scale of 5	Was the length of the lecture adequate	After the lecture(s), were the speaker(s) available to answer any questions/comments?
1	16014-19-735-001	Samreen	yes	5	3	5	5
2	16014-19-735-002	Shaik Seema Farheen	yes	5	5	5	4
3	16014-19-735-003	Neha Tabassum	yes	4	5	3	5
4	16014-19-735-004	Afreen Tabasum Begum	yes	5	5	5	5
5	16014-19-735-005	Amera	yes	3	4	5	5
6	16014-19-735-006	Amtul Wasay Sayema	yes	5	5	5	5
7	16014-19-735-007	Mohammed Saniya Ridah	yes	5	5	5	5
8	16014-19-735-008	Sameera Begum	yes	5	4	5	5
9	16014-19-735-009	Syed Ilyas Jaweed	yes	5	5	5	5
10	16014-19-735-010	Syed Waqaruddin	yes	5	5	5	5
11	16014-19-735-011	Shaik Zubair Ahmed Faraz	yes	4	5	5	5
12	16014-19-735-012	Mohammed Anas	yes	5	5	4	5
13	16014-19-735-013	Ahmed Farzeenuddin	yes	5	3	5	5
14	16014-19-735-014	M.A. Muqtadir	yes	5	5	5	4
15	16014-19-735-015	Mohammed Irfan Ali	yes	4	5	3	5
16	16014-19-735-016	Mohammed Abdul Khaleeq	yes	5	5	5	5
17	16014-19-735-017	Mohammed Sohail	yes	3	4	5	5
18	16014-19-735-018	Maaz Bin Zafer	yes	5	5	5	5
19	16014-19-735-019	Mohammed Abdul Shoaib	yes	4	5	5	3
20	16014-19-735-020	Mohammed Fardeen Sumair	yes	5	5	4	5
21	16014-19-735-021	Syed Usama Ilyas	yes	5	4	3	5
22	16014-19-735-022	Mohd Minhajuddin	yes	4	5	5	5
23	16014-19-735-023	Shaik Bajibaba	yes	5	5	5	5
24	16014-19-735-024	Abdul Rahman Adil	yes	5	5	5	5
25	16014-19-735-025	Syed Ismail Ali	yes	4	3	4	5
26	16014-19-735-026	Mohammed Rayan Baig	yes	5	5	5	5
27	16014-19-735-027	Ayaan Siddiqui	yes	5	4	5	5
28	16014-19-735-028	Mohammed Junaid	yes	5	5	5	4
29	16014-19-735-029	Mohd Yousuf Hussain	yes	3	5	5	5
30	16014-19-735-030	Mohammed Sadiq Uddin	yes	5	5	4	5
31	16014-19-735-031	Shaik Ahmed Ali					
32	16014-19-735-032	Mohammed Ameer Baba	yes	4	5	5	4

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3	5-036	Mohd Muqteetuddin Soheb	yes	5	5	5	5
3	5-037	Gaffar Pasha Syed	yes	5	5	5	5
38	5-038	Shaik Irfan	yes	5	5	5	5
39	5-039	Shaik Mubin	yes	5	5	3	5
40	5-040	Mohammed Zaid	yes	5	5	5	5
40	5-041	Md. Abdul Rahman	yes	5	3	4	4
40	5-042	Mohd Waseem	yes	5	5	5	5
40	5-043	Syed Nazeem Ahmed	yes	5	5	5	5
41	5-044	Mohd Misbhaudhin	NO	5	5	4	5
41	5-045	Syed Sabihullah Hussaini	yes	5	5	5	5
41	5-046	Mohammed Numaan Ahmed	yes	5	5	5	5
41	5-047	Mohammed Ismail	yes	5	3	5	5
41	5-048	Syed Rizwan Ali Siraj	yes	5	5	5	5
41	5-049	Syed Aman	yes	5	5	5	5
50	5-050	Md. Sameer Ahmed	yes	5	5	5	5
50	5-051	Shaik Wasi Adnan	yes	5	5	5	5
50	5-052	Mohammed Asim Adil Baig	yes	5	5	5	5
50	5-053	Mohammed Danish Mohiuddin	yes	5	5	5	5
50	5-054	Md. Furqan Shareef	yes	5	5	5	5
50	5-055	Shaik Fardeen Basha	yes	5	5	5	5
50	5-056	Mohammed Abdul Amer Ahmed	yes	5	5	4	5
50	5-057	Md. Yaseen	yes	5	4	2	5
50	5-058	Mohammed Abdul Wahid	yes	5	5	5	5
50	5-059	Md. Abul Fatha Mohiuddin	yes	5	5	5	5
60	5-060	Mustaq Ahmed Khan	yes	5	5	5	5
60	5-301	Gujjula Priyanka	yes	4	5	4	5
60	5-302	Nakerakomula Manideep	yes	5	5	5	5
60	5-303	Mohammed Ifthaquar Ali	yes	5	4	5	5
65	5-304	Arsheen Begum	yes	5	3	5	5
65	5-305	Mohd Abdul Khader	yes	5	5	5	4
65	5-306	Fasiha Farheen	yes	4	5	3	5
65	5-061	Shaik Samirin Sulthana	yes	5	5	5	5
65	5-062	Sumaiya Muneer	yes	3	4	5	5
65	5-063	Saba Fathima	yes	5	5	5	5
70	5-064	Narapareddy Varnica	yes	4	5	5	5
70	5-065	Aarthi Sowmya Mylavaram	yes	5	5	5	5
70	5-066	Yasmeen Tanzil	yes	3	4	5	5
70	5-067	Nazneen Fatima	yes	5	5	5	5
70	5-068	Aliya Nazeer	yes	4	5	5	3
70	5-069	Amina Mahnoor	yes	5	5	4	5
70	5-070	Dudekula Mahammad Javed Ali	yes	5	5	5	5
70	5-071	Mohammed Asim Furqan	yes	5	4	5	3
70	5-072	Mohammad Abdul Sameer	yes	5	5	5	5

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075	Shaik Minhaz	yes	4	5	5	5
076	Md Mustaeen Khan	yes	5	4	4	5
077	Mohammed Asim Khan	yes	5	5	5	4
078	Mohammed Nasir Ali Khan	yes	3	5	5	5
079	Md Musthaqem	yes	5	5	4	5
080	Shaik Athik Pasha	yes	3	5	5	5
081	Shaik Saad Ahmed	yes	4	5	5	4
082	Syed Rafiuddin Aaqib	yes	5	5	5	5
083	Syed Anas Naseer	yes	5	5	5	5
084	Mohammed Atif Sayeed	yes	5	5	5	5
085	Mohammed Sarmad Akram	yes	5	5	5	5
086	Mohammed Abdul Aziz	yes	5	5	5	5
087	Irfan Baig	yes	5	5	5	5
088	Gulam Faisal Ahmed	yes	5	5	5	4
089	Mohammad Parvez	yes	3	5	5	5
090	Mohammed Abdul Ayub	yes	5	5	4	5
091	Shaik Mizbah Saadh	yes	3	5	5	5
092	Shaik Farooq	yes	4	5	5	4
093	B. Syed Shafaatulla	yes	5	5	5	5
094	Mohammed Abdul Rahman	yes	5	5	5	5
095	Mohammed Yasseruddin Ahmed	yes	5	5	5	5
096	Shaik Sameer	yes	5	5	5	5
097	Mohammed Amaan Bin Sayeed	yes	5	5	5	5
098	Mohd Abdul Rahman	yes	5	5	5	5
099	Syed Afnan Ahmed Haroon	yes	5	3	5	5
100	Mohammed Irteza Saheem	yes	5	5	5	5
101	Syed Aejaazullah Parvez	yes	5	5	5	5
102	Mohammed Wasi Uddin Ansari	yes	5	5	5	5
103	Furqan Hussain Faruki	yes	5	5	5	5
104	Rasheed Khan	yes	5	5	5	5
105	Mohd Sohail Raashid	yes	5	5	5	5
106	Mohammed Althaf Khan	yes	5	5	5	5
107	Mohammed Shoaib Nasruddin	yes	5	5	5	5
108	Mohd Soban Hussain					
109	Mohammed Shahlam Ahmed	yes	5	4	2	5
110	Mohammed Sufiyan Ali Siddiqui	yes	5	5	5	5
111	Mohammed Manar	yes	5	5	5	5
112	Sohail Ahmed	yes	5	5	5	5
113	Mohammed Mujtaba	yes	4	5	4	5
114	Shaik Nayeem	yes	5	5	5	5
115	Khaja Zohebuddin	yes	5	4	5	5
116	Sk. Shahzor	yes	5	5	5	5

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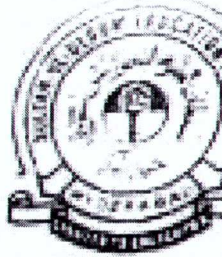
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		Noor				
26	20	Khizer Mohammed Farooq	yes	5	5	5
27	07	Azmath Tabassum	yes	4	5	4
28	08	Mohammed Ahmed	yes	5	5	5
29	09	Mohd Abdul Rahman	yes	5	4	5
0	10	Shaik Samreen	yes	5	5	5
1	11	Summaiya Fatima	yes	5	4	5
2	12	Mohd Masi Ahmed	yes	5	5	5


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Dr. Mohd. Arifuddin Sohel

Head of Department

Dr. Mohd. Arifuddin Sohel
Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Head ECE
Road No. 3, Banjara Hills Hyderabad-34

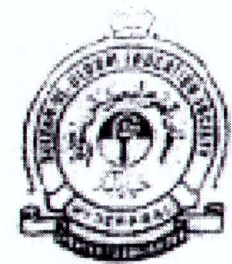
Dr. Salma

Dr. Salma Fauzia

Assistant Professor, Coordinator

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Head of Department

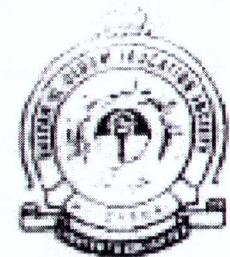
Dr. Mohd. Arifuddin Sohail
Head of Department of Electronics Engineering
Muffakham Jah College of Engg. & Tech.
Road No. 3, Banjara Hills Hyderabad-34

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Dr. Salma Fauzia
Assistant Professor, Coordinator

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Signature
Head of Department

Head of Department

Dr. Mohd. Arifuddin Sohel
Electronics & Communication Engineering
Muffakham Jah College of Engg. & Tech.
Road No. 3, Banjara Hills Hyderabad-34

Signature

Dr. Salma Fauzia
Assistant Professor, Coordinator