



# **MUFFAKHAM JAH**

## **COLLEGE OF ENGINEERING & TECHNOLOGY**

( THE SULTAN UL ULOOM EDUCATION SOCIETY )

Affiliated to Osmania University & Recognised by AICTE

Banjara Hills, Hyderabad 500 034

### **Electrical Engineering Department Organizes One Week Online SKILL DEVELOPMENT COURSE (LEARNING ARDUINO PROGRAMMING USING TINKERCAD)**

**SPEAKER**

**DR, MOHD.ABDUL MUQEET**  
**ASSOCIATE PROFESSOR, EED,**  
**MJCET**

**DURATION: ONE WEEK**

**06/07/2020 TO 11/07/2020**

**TIME: 10:00 AM TO 3:00 PM**

  
**PRINCIPAL**

23/03/2022  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



**Registration Form:**

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Date: ..... / ..... / .....

Place: .....

Signature of the Applicant

**Address for Correspondence:**

Dr. Mohd. Abdul Muqeet : 9177621253

Mr. Mohammed Umair Qaudri:

Dr. Md. Sajid : 8106865914

\*Email filled application form/  
scanned copy to

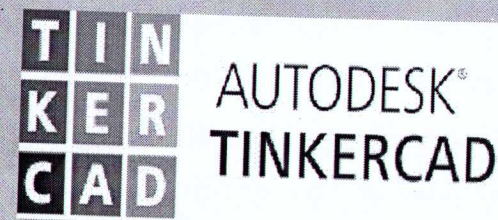
muqeteed@mjccollege.ac.in

**PATRONS**Janab Khan Lateef Mohammed Khan Sahab  
Chairman, SUES  
Janah. Zafar Javeed Sahab  
Honorary Secretary, SUES  
Dr. Basheer Ahmed  
Advisor-cum-Director, MJCET**CONVENER**

Prof. Mohammad Haseeb Khan, Head, EED, MJCET

**COORDINATOR**

Dr. Mohd. Abdul Muqeet, EED, MJCET

**CO-COORDINATORS**Mr. Mohammed Umair Quadri, EED, MJCET  
Mr. P.Sai Krishna, EED, MJCET.**ADVISORY COMMITTEE**Prof. Ashfaq Jafari, Dean Academics, MJCET  
Prof. Syed Ferhathullah Hussainy, Dean Administration,  
MJCET**ORGANIZING COMMITTEE**Dr. Sk. Qadeer, Professor, EED, MJCET  
Mrs. Ajaz Fatima, Assoc. Professor, EED, MJCET  
Mr. J.E. Muralidhar, Assoc. Professor, EED, MJCET  
Mr. P. Sai Krishna, Asst. Professor (S/G), EED, MJCET  
Mrs. Narjis Begum, Asst. Professor, (S/G), EED, MJCET  
Mr. Md. Abdullah, Asst. Professor, EED, MJCET  
Mr. K. Sasidhar, Asst. Professor, EED, MJCET  
Mr. Md. Umair Quadri, Asst. Professor, EED, MJCET  
Mrs. Mahmooda Mubeen, Asst. Professor, EED, MJCET  
Mr. Mohammed Imran, Asst. Professor, EED, MJCET  
Dr. Mahaboob Sk., Asst. Professor, EED, MJCET  
Dr. Md. Sajid, Asst. Professor, EED, MJCET  
Mr. Jaffer Mohammed, Asst. Professor, EED, MJCETOne Week  
Online Workshop  
onSkill Development Course  
(Learning Arduino Programming  
using Tinkercad)Hands on Experience  
(06-07-2020 to 11-07-2020)Organized by:  
Electrical Engineering Department**MUFFAKHAM JAH COLLEGE OF  
ENGINEERING AND  
TECHNOLOGY**( Approved by AICTE & Affiliated to O.U )  
Road No.3, Banjara Hills, Hyderabad-500034  
Website: www.mjccollege.ac.in**PRINCIPAL**Muffakham Jah College Of  
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HYDERABAD - 500 034. A.P



## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E. (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

In this course, we'll learn about the Fundamentals of Electrical, Electronics engineering, and Coding. Here we are using Tinkercad Platform the open-source electronics simulation and programming platform. By attending this course you will not have fear of coding Arduino. We will learn about coding the Arduino most simply. We will learn about how to interface the different sensors with the Arduino. How do the sensors work what is the operating principle? We will interface electric motors with Arduino and try to create real-life projects using the same. But what's different in this course is that I have tried to explain every minute detail, so that you will never have a doubt, from understanding how the sensor works to interfacing the sensor with Arduino. We will clear all complex concept most simply and you will never feel electronics & Coding is difficult.

## COURSE OUTLINE

- How to make circuit design using Arduino & electronics components on Tinkercad platform.
- Learn about how to program the Arduino in both languages that is scratch coding as well as in Arduino. C.
- Understand how to interface different sensor and electronics component with the Arduino.
- 10+ Hands on simulation of the project using Tinkercad Simulation Platform.
- Understanding the fundamentals of electronics and Electrical Engineering.
- Learn about the basic fundamentals of Programming.
- Learn about the basic operating principals of sensors and their interfacing with the Arduino in Tinkercad platform.



## IMPORTANT DATES

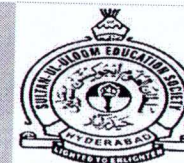
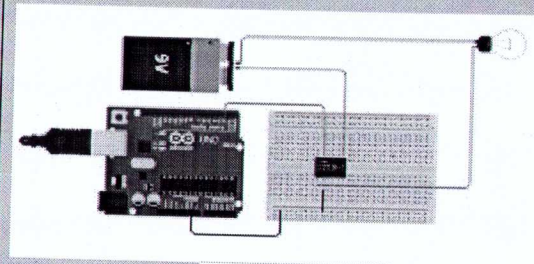
Last Date for Registration: 04, July, 2020  
Participation confirmation E-mail : 05 July 2020

## RESOURCE PERSONS

Dr. Mohd. Abdul Muqet, Associate Professor,  
Electrical Engineering Department.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



## MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY



*[Signature]*  
23/03/2021  
**PRINCIPAL**

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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 02/07/2020

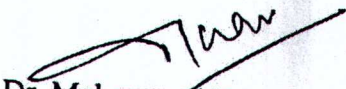
From,  
Head of Department,  
Electrical Engineering Department,

To,  
Dr. Mohd. Abdul Muqet  
Associate Professor, EED

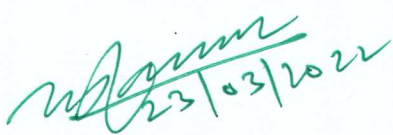
Sub: Conduction of Skill Development Course on topic "Learning Arduino Programming using Tinkercad"- Regarding

It is to inform you that "Arduino Programming", is an essential skill development program for the students. You are requested to design the syllabus and organize the course to EEE and EIE students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan  
Head, EED

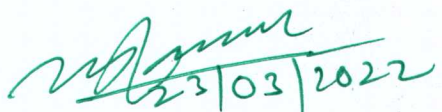
**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

  
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**Syllabus: Skill Development Course (Learning Arduino Programming using Tinkercad)"**

- Understanding the fundamentals of electronics and Electrical Engineering.
- How to make circuit design using Arduino & electronics components on Tinkercad platform.
- Learn about how to program the Arduino in both languages that is scratch coding as well as in Arduino. C.
- Understand how to interface different sensor and electronics component with the Arduino using the Tinkercad Software in Simulation.
- Learn about the basic operating principals of sensors and their interfacing with the Arduino in Tinkercad platform
- Hands on simulation of few projects using Tinkercad Simulation Platform.

  
23/03/2022

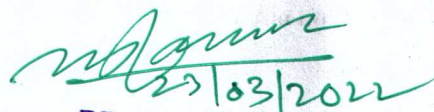
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**Skill Development Course "Learning Arduino Programming using Tinkercad"**

**Schedule**

<b>Date and Day</b>	<b>Session Timings (10AM-3PM)</b>
<b>Day1 : 06/07/2020</b>	Understanding the fundamentals of electronics and Electrical Engineering
<b>Day 2 : 07/07/2020</b>	How to make circuit design using Arduino & electronics components on Tinkercad platform.
<b>Day 3 : 08/07/2020</b>	Learn about how to program the Arduino in both languages that is scratch coding as well as in Arduino. C.
<b>Day 4 : 09/07/2020</b>	Understand how to interface different sensor and electronics component with the Arduino using the Tinkercad Software in Simulation.
<b>Day 5 : 10/07/2020</b>	Learn about the basic operating principals of sensors and their interfacing with the Arduino in Tinkercad platform.
<b>Day 6 : 11/07/2020</b>	Hands on simulation of few projects using Tinkercad Simulation Platform.

  
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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

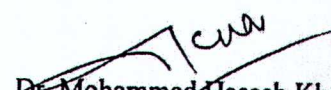
**Skill Development Course "Learning Arduino Programming using  
Tinkercad" Schedule**

Date: 04/07/20

**Circular**

All students of BE EEE and EIE are hereby informed that the Department of Electrical Engineering is organizing a Skill Development Course entitled "Learning Arduino Programming using Tinkercad". The classes for the above said course are commencing from 06/07/2020 to 11/07/2020. All the interested students and faculty are requested to register themselves latest by 05/07/2020.

  
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Dr. Mohammed Haseeb Khan  
Head, EED  
**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd-155.



Date: 03/07/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

Sub: Permission to conduct Skill Development Course on topic "Learning Arduino Programming using Tinkercad"- Regarding


Sir,


I am pleased to inform you that a Skill Development Course on topic "Learning Arduino Programming using Tinkercad, during 06<sup>th</sup> July 2020 – 11<sup>th</sup> July 2020 has been planned by Electrical Engineering department for the students and faculty.

**Schedule:**

Date	06/07/2020 to 11/07/2020
Syllabus	<ul style="list-style-type: none"><li>▪ Understanding the fundamentals of electronics and Electrical Engineering.</li><li>▪ How to make circuit design using Arduino &amp; electronics components on Tinkercad platform.</li><li>▪ Learn about how to program the Arduino in both languages that is scratch coding as well as in Arduino. C.</li><li>▪ Understand how to interface different sensor and electronics component with the Arduino using the Tinkercad Software in Simulation.</li><li>▪ Learn about the basic operating principals of sensors and their interfacing with the Arduino in Tinkercad platform</li><li>▪ Hands on simulation of few projects using Tinkercad Simulation Platform.</li></ul>
Resource Person	Dr. Mohd. Abdul Muqeet, Associate Professor, EED
Participants	B.E. EEE III and V Semester Students & Interested Faculties

So, I request you to grant the permission to conduct the above said course.  
Thanking You,


  
**PRINCIPAL**  
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Dr. Mohammed Haseeb Khan  
Head, EED



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: One Week Online Workshop on " Skill Development Course (Learning Arduino Programming using Tinkercad)
2. Program Type: Workshop
3. If others, mention type of activity: -
4. Dates: 06th to 11th July, 2020
5. Number of Students Participated:  $55+65=120$
6. Number of Faculty Participated: -4
7. Number of External Participants: NIL
8. Objective: To provide opportunity for the students of B.E EEE and EIE to get the exposure and application of Arduino Programming and interfacing of different sensors and hardware using an online simulation platform.
9. Benefits in terms of Learning/skill/Knowledge obtained: Get exposure and obtain skills in Arduino Programming and interfacing of various sensors in an simulated environment
10. Faculty Coordinator: Dr. Mohd. Abdul Muqeet, Associate Professor, EED, MJCET
11. Student Coordinator if any : - Ms. Zeba Urooj, Mr. Abdul Raoof
12. Photographs :03
13. Resource Person : Dr. Mohd. Abdul Muqeet, Associate Professor, EED, MJCET.
14. Consolidate Report

  
25/03/2022  
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# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(THE SULTAN UL ULOOM EDUCATION SOCIETY)

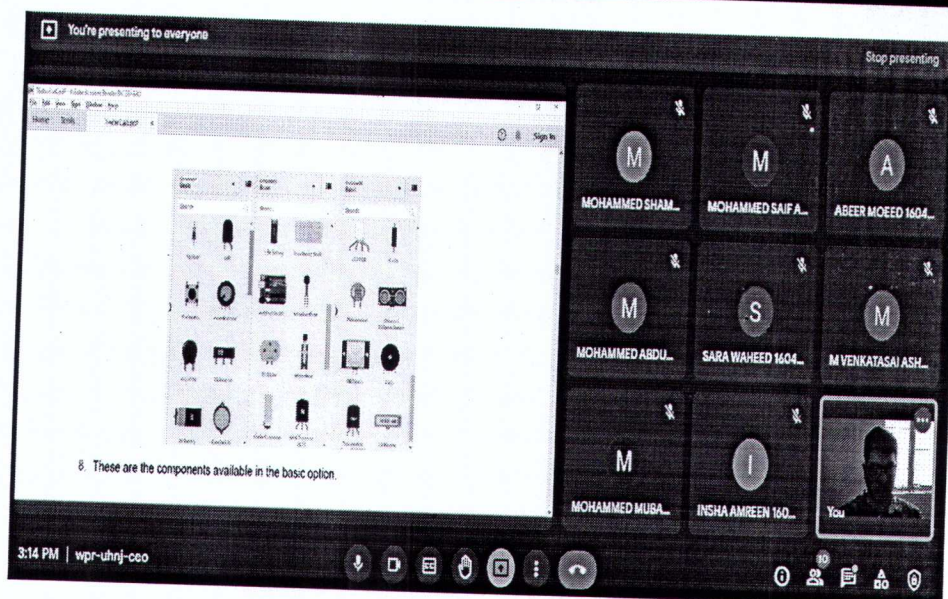
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Banjara Hills, Hyderabad 500 034

### Electrical Engineering Department Organizes One Week Online SKILL DEVELOPMENT COURSE (LEARNING ARDUINO PROGRAMMING USING TINKERCAD)

**SPEAKER**  
**DR. MOHD.ABDUL MUQEET**  
ASSOCIATE PROFESSOR, EED,  
MJCET

**DURATION: ONE WEEK**  
**06/07/2020 TO 11/07/2020**  
**TIME: 10:00 AM TO 3:00 PM**



*M. J. J.*  
23/07/2022

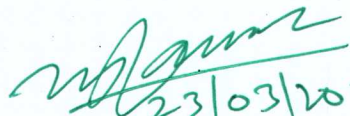
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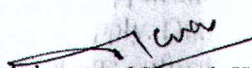


The workshop was initiated by the Head, EED, Dr. Mohammed Haseeb Khan. He explained the importance of new emerging technologies such as IoT and developing programming skills to do so. Later the workshop was started with the resource person from EED, Dr. Mohd. Abdul Muqet, who has good experience in Arduino Programming and simulated softwares. In IoT applications Arduino Programming and its related software and hardware are important to learn and apply. Due to Covid-19 situations the students still can learn such programming using available online software. Tinkercad is such a notable platform which provides online simulation tools to learn Arduino programming, where you can connect different sensors to Arduino and get the results actually can be obtained in a simulated environment.

Tinkercad - <https://www.tinkercad.com> is an excellent tool that allows you to simulate Arduino-based systems (and a lot more). You can (perhaps you SHOULD) simulate all exercises and even your own designs before trying them on real hardware. It also allows you to do programming using blocks. You can download / copy-paste the generated code later into Arduino IDE to program the real Arduino board, rather than having to write it from scratch. In this workshop various projects such as Home Automation, Temperature Measurement were explained to the students.

  
23/03/2022

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Dr. Mohammed Haseeb Khan  
Head, EED, and Convener  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Attendance Sheet for "Skill Development Course (Learning Arduino Programming  
 using Tinkercad)

**B.E EEE III-SEMESTER**

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-19-734-001	Ms. Bala Supraja	P	P	P	P	P	P
2	1604-19-734-002	Ms. Maliha Sumaiyya	P	P	P	P	P	P
3	1604-19-734-003	Ms. Maleeha Nurain	P	P	P	P	P	P
4	1604-19-734-004	Ms. Naheed Khanum	P	P	P	P	P	P
5	1604-19-734-005	Mohammad Khaja Thanziluddin	P	P	P	AB	P	P
6	1604-19-734-006	Mirza Owais Baig	P	P	P	P	P	P
7	1604-19-734-007	Seshabhatther Aditya	P	P	P	P	P	P
8	1604-19-734-008	Mohammad Ilyas Habib	P	P	P	P	P	P
9	1604-19-734-009	Shaik Amaan Bawazeer	P	P	P	P	P	P
10	1604-19-734-010	Mohammed Arfath Baig	P	P	P	P	P	P
11	1604-19-734-011	Reddivari Jaishyam Reddy	P	P	P	P	P	P
12	1604-19-734-012	Syed Abrar Ahmed	P	P	P	AB	P	P
13	1604-19-734-013	M.A. Razzak	P	P	P	P	P	P
14	1604-19-734-014	Mohd. Anas Ali Khan	P	P	P	P	P	P
15	1604-19-734-015	Mohammed Akram Ali	P	P	P	AB	P	P
16	1604-19-734-016	Mohammad Najamuddin	P	P	AB	P	P	P
17	1604-19-734-017	Mohd. Aleemuddin	AB	P	P	P	P	P
18	1604-19-734-018	Mohammed Rafi Uddin	P	P	P	P	P	AB
19	1604-19-734-019	Mohammed Daniyal Shahid	P	P	P	AB	P	P
20	1604-19-734-020	Mohd. Junaid Afnan Ghouse	P	P	P	P	P	P
21	1604-19-734-021	Mohd. Taha Aiyaz	P	P	P	P	P	P
22	1604-19-734-022	Ammar Mohammed Quraishi	P	P	P	AB	P	P
23	1604-19-734-023	Anas Mohammed Ilyas	P	P	P	P	P	P
24	1604-19-734-024	Syed Sohail	P	P	P	P	P	P
25	1604-19-734-025	Mohammed Abdul Aleem	P	P	P	P	P	P
26	1604-19-734-026	Mohd. Abbas Hussain	P	AB	P	P	P	P
27	1604-19-734-027	Mohammed Aswan Ali	P	P	AB	P	P	P
28	1604-19-734-028	Kalluru Razikh Basha	P	P	P	P	P	P
29	1604-19-734-029	Md. Afnan Ahmed	P	P	P	AB	P	P
30	1604-19-734-030	Sufyan Ahmed Khan	P	P	P	P	P	P

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31	1604-19-734-031	Ms. Asra Jabeen	P	P	P	P	P	P
32	1604-19-734-032	Ms. Rabaab Fatima	P	P	P	P	P	P
33	1604-19-734-033	Ms. Sania Firdous	P	P	P	P	P	P
34	1604-19-734-034	Mohammad Asfiya Tabasum	P	P	P	P	P	P
35	1604-19-734-035	Ms. Javeria Tabassum	P	P	P	P	P	P
36	1604-19-734-036	Mohd. Yakhoobuddin Zain Farooqui	P	P	P	AB	P	P
37	1604-19-734-037	Mohammed Ibrahim Abdullah	P	P	AB	P	P	P
38	1604-19-734-038	Mohammad Nadeem Ahamad	AB	P	P	P	P	P
39	1604-19-734-039	Mohd. Abdul Shoaib Ahmed	P	P	P	P	P	AB
40	1604-19-734-040	Syed Abdul Qhaliq	P	P	P	AB	P	P
41	1604-19-734-041	Sk Rohan	P	P	P	P	P	P
42	1604-19-734-042	Waheeduddin Farooqui	P	P	P	P	P	P
43	1604-19-734-043	Mohammed Ahsan	P	P	P	AB	P	P
44	1604-19-734-044	Mohammad Asif	P	P	P	P	P	P
45	1604-19-734-045	Mohammed Ali Shajee	P	P	P	P	P	P
46	1604-19-734-046	Mohammed Akram Ahmed	P	P	P	P	P	P
47	1604-19-734-047	Md. Ejaz	P	AB	P	P	P	P
48	1604-19-734-048	Mohammed Afzal Shahnawaz Khan	P	P	AB	P	P	P
49	1604-19-734-049	Mujahed Ali Khan	P	P	P	P	P	P
50	1604-19-734-050	Syed Sameer	P	P	P	AB	P	P
51	1604-19-734-051	Adnan Ali Khan	P	P	P	P	P	P
52	1604-19-734-052	M.A. Aweas Ur Rahman	P	P	P	P	P	P
53	1604-19-734-053	Mohammad Suleman	P	P	P	P	P	P
54	1604-19-734-054	Mohammad Amaanuddin	P	P	P	P	P	P
55	1604-19-734-055	Mohammed Anas Shareef	P	P	P	P	P	P
56	1604-19-734-056	Shaik Almas	P	P	P	P	P	P
57	1604-19-734-057	Mohammad Shoaib Malik	P	P	P	AB	P	P
58	1604-19-734-058	Abdul Sayeed	P	P	AB	P	P	P
59	1604-19-734-059	Syed Tanveer Ahmed	AB	P	P	P	P	P
60	1604-19-734-060	Khaja Moinuddin	P	P	P	P	P	AB
61	1604-19-734-301	Mohd Margoob	P	P	P	AB	P	P
62	1604-19-734-302	Mohd Inzlimam Ghori	P	P	P	P	P	P
63	1604-19-734-303	Syed Sameer	P	P	P	P	P	P
64	1604-19-734-304	Shaik Nagul Meera	P	P	P	AB	P	P
65	1604-19-734-305	Shaik Faisal Afridi	P	P	P	P	P	P
66	1604-19-734-306	Mohammed Abdul Rahman	P	P	P	P	P	P
67	1604-18-734-012	Mohammed Moizuddin Afeef	P	P	P	P	P	P
68	1604-18-734-046	Mohammed Abdul Khader	P	AB	P	P	P	P
69	1604-18-734-058	Mohd Hassan Abrar	P	P	AB	P	P	P

PRINCIPAL

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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



# B.E. EEE V-SEMESTER

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-18-734-001	Ms.Nazneen Sultana	P	P	P	P	P	P
2	1604-18-734-002	Ms.Qudseen Sultana	P	P	P	P	P	P
3	1604-18-734-003	Ms.Nausheen Parveen	P	P	P	P	P	P
4	1604-18-734-004	Ms.Maliha Shaik	P	P	P	P	P	P
5	1604-18-734-005	Ms.Eesha Umme Kulsum	P	P	P	P	P	P
6	1604-18-734-006	Ms.Sadath Nazneen	P	P	P	AB	P	P
7	1604-18-734-007	Ms.Rumana Ansari	P	P	P	P	P	P
8	1604-18-734-008	Ms.Nema Ahmed	P	P	P	P	P	P
9	1604-18-734-009	Khaja Yahya Ahmed	P	P	P	P	P	P
10	1604-18-734-010	Mohammed Zubair Khan	P	P	P	P	P	P
11	1604-18-734-011	Mohammed Abdul Razak	P	P	P	P	P	P
12	1604-18-734-013	Md Shafiuddin Ahmed	P	P	P	AB	P	P
13	1604-18-734-014	Mohammed Yousuf Ehtesham	P	P	P	P	P	P
14	1604-18-734-015	Mohammed Mudassir Nihaz	P	P	P	P	P	P
15	1604-18-734-016	Mohd Mustafa Rabbani	P	P	P	AB	P	P
16	1604-18-734-017	Mohd Mohiuddin	P	P	AB	P	P	P
17	1604-18-734-018	Khaja Sohaib Manzoor	AB	P	P	P	P	P
18	1604-18-734-019	Mohd Yousuf	P	P	P	P	P	AB
19	1604-18-734-020	Furqan Shahbaz Hussaini	P	P	P	AB	P	P
20	1604-18-734-021	Mohammed Abdul Ghani	P	P	P	P	P	P
21	1604-18-734-022	Aslam Khan	P	P	P	P	P	P
22	1604-18-734-023	Syed Nayab Rasool	P	P	P	AB	P	P
23	1604-18-734-024	Syed Sumair	P	P	P	P	P	P
24	1604-18-734-025	Mohammed Abdur Raheem	P	P	P	P	P	P
25	1604-18-734-026	Syed Anas Najeeb	P	P	P	P	P	P
26	1604-18-734-027	Ms. B. Shivani	P	AB	P	P	P	P
27	1604-18-734-028	Ms.Lulu Abdul Aziz	P	P	AB	P	P	P
28	1604-18-734-029	Hajira Kashifa	P	P	P	P	P	P
29	1604-18-734-030	Ms.Yasmeen Begum	P	P	P	AB	P	P
30	1604-18-734-031	Ms.Syeda Afreeda Noor	P	P	P	P	P	P
31	1604-18-734-032	Ms.Syeda Samiya Ruksar	P	P	P	P	P	P
32	1604-18-734-033	Ms. Shaik Reshma Farheen	P	P	P	P	P	P
33	1604-18-734-034	Osman Khaja Waheeduddin	P	P	P	P	P	P
34	1604-18-734-035	Md Rustam Ali	P	P	P	P	P	P
35	1604-18-734-036	Abdullah Ahmed Hussain	P	P	P	P	P	P
36	1604-18-734-037	Mohammed Sameer Pasha	P	P	P	AB	P	P

*[Signature]*  
**PRINCIPAL** 03/03/2022

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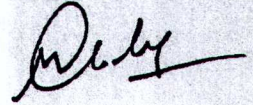


37	1604-18-734-038	Syed Muzzaferuddin Ahmed	P	P	AB	P	P	P
38	1604-18-734-039	Abdullah	AB	P	P	P	P	P
39	1604-18-734-040	Mohammed Sohail	P	P	P	P	P	AB
40	1604-18-734-041	Shaik Amer	P	P	P	AB	P	P
41	1604-18-734-042	Shaik Mohammad Shadaab	P	P	P	P	P	P
42	1604-18-734-043	Syed Aziz Ahmed	P	P	P	P	P	P
43	1604-18-734-044	Mohd Abdul Rahman	P	P	P	AB	P	P
44	1604-18-734-045	Mohammed Faizan Uddin	P	P	P	P	P	P
45	1604-18-734-047	Ata Abbas Mirza	P	P	P	P	P	P
46	1604-18-734-048	Shaik Mohammad Ashfan	P	P	P	P	P	P
47	1604-18-734-049	Mohammad Zuberuddin	P	AB	P	P	P	P
48	1604-18-734-050	Chintala Ram Teja Reddy	P	P	AB	P	P	P
49	1604-18-734-051	Syed Yasar Arfath	P	P	P	P	P	P
50	1604-18-734-052	Syed Abdul Jilan	P	P	P	AB	P	P
51	1604-18-734-053	Mohammed Safiuddin Imran	P	P	P	P	P	P
52	1604-18-734-054	Mohammed Shabbir Ali	P	P	P	P	P	P
53	1604-18-734-055	Syed Peera Vali	P	P	P	P	P	P
54	1604-18-734-056	Shaik Noorul Huda	P	P	P	P	P	P
55	1604-18-734-057	Syed Izaan Hashmi	P	P	P	P	P	P
56	1604-18-734-059	Qudrat Ali Farooqui	P	P	P	P	P	P
57	1604-18-734-060	Mohd. Abdul Muqeeth	P	P	P	AB	P	P
58	1604-18-734-301	Mohammad Afnan Ahmed Subhani	P	P	AB	P	P	P
59	1604-18-734-302	Mohd. Faizan Uddin	AB	P	P	P	P	P
60	1604-18-734-303	Md. Rehan Aslam	P	P	P	P	P	AB
61	1604-18-734-304	Md. Arbaaz Ahmed	P	P	P	AB	P	P
62	1604-18-734-305	Mohd. Azher Mahamood	P	P	P	P	P	P
63	1604-18-734-306	Shaik Imran	P	P	P	P	P	P
64	1604-17-734-010	Marwan Mohammed Faizul Haq	P	P	P	AB	P	P
65	1604-17-734-014	Mohammed Arbaaz Khan	P	P	P	P	P	P
66	1604-17-734-017	Mohammed Abdul Rahman	P	P	P	P	P	P
67	1604-17-734-019	Mohammed Ibrahimuddin	P	P	P	P	P	P
68	1604-17-734-025	Ahmad Raza Hamidullah Chisti	P	AB	P	P	P	P
69	1604-17-734-026	Mohammed Adnan Ahmed	P	P	AB	P	P	P
70	1604-17-734-030	Shaik Sameer	P	P	P	P	P	P
71	1604-17-734-036	Mohammad Nazim Nawaz Ahmed	P	P	P	AB	P	P
72	1604-17-734-039	Mohammed Nihal Ahmed	P	P	P	P	P	P
73	1604-17-734-041	Syed Yaseen	P	P	P	P	P	P
74	1604-17-734-045	Omar Ahmed Rehan	P	P	P	P	P	P

23/03/2022  
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75	1604-17-734-046	Mohammed Faheemuddin	P	P	P	P	P	P
76	1604-17-734-303	Syed Afnan	P	P	P	P	P	P
77	1604-16-734-024	Abed Hussain	A	A	A	A	A	A
78	1604-16-734-035	Abdullah Salahuddin	A	A	A	A	A	A



Coordinator  
Dr. Mohd. Abdul Muqeet  
Associate Professor, EED



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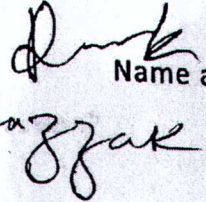
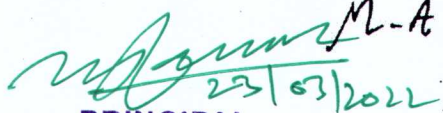


**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Established by Sultan-UI-Uloom Education Society in 1980)  
(Approved by AICTE and Accredited by NBA)

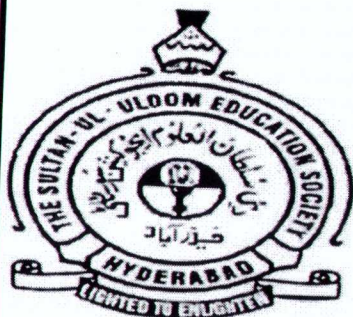
Online Workshop  
on  
Skill Development Course  
(Learning Arduino Programming using Tinkercad)  
Hands on Experience

Feedback Form

1. How do you rate the course content?  
☒ (a) Very good (b) Good (c) Satisfactory
2. How do you rate the keynote lecture?  
☒ (a) Very good (b) Good (c) Satisfactory
3. Were the lectures interesting and understandable?  
(a) None (b) Few ☒ (c) All
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them ☒ All of them
5. How was the hospitality during the course?  
☒ (a) Very Good (b) Good (c) Satisfactory
6. Do you have any Experience in working with Arduino?  
☒ Yes /No
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future.

  
Name and Sign  
  
23/03/2022  
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# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(THE SULTAN-UL-ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

### Certificate of Participation

***This is to certify that Mr./Ms Shaik Amaan Bawazeer of B.E EEE III Semester (AICTE) has participated in One Week Faculty Skill Development Course on topic "Learning Arduino Programming using Tinkercad", during 06-11 July, 2020, organized by Electrical Engineering Department.***

**Coordinator**  
**Dr. Mohd. Abdul Muqeet**

**PRINCIPAL**  
Muffakham J. College of Engineering & Technology  
Banjara Hills, Road No. 3,  
HYDERABAD - 500 034. A.P.

**Convener**  
**Dr. Mohammed Haseeb Khan**





# MUFFAKHAM JAH

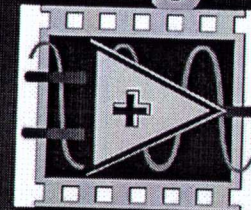
## COLLEGE OF ENGINEERING & TECHNOLOGY

( THE SULTAN UL ULOOM EDUCATION SOCIETY )  
Affiliated to Osmania University & Recognised by AICTE  
Banjara Hills, Hyderabad 500 034

### Electrical Engineering Department Organizes One Week Online Skill Development Course on "Process Instrumentation Design using LabView"

**RESOURCE PERSON:**  
**DR. SHAIK QADEER**  
**PROFESSOR, EED, MJCET**

**DURATION: ONE WEEK**  
**13/07/2020 TO 18/07/2020**  
**TIME: 10:00 AM TO 3:00 PM**



*M. J. Qadeer*  
22/03/2022  
**PRINCIPAL**  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



**Registration Form:**

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Date: ..... / ..... / .....

Place: .....

Signature of the Applicant

**Address for Correspondence:**

Dr. Mohd. Abdul Muqet : 9177621253

Mr. Mohammed Umair Qaudri:

\*Email filled application form/  
scanned copy to:[shaikqadeer@mjcollege.ac.in](mailto:shaikqadeer@mjcollege.ac.in)**PATRONS**

Janab Khan Lateef Mohammed Khan Sahab  
Chairman, SUES  
Janah. Zafar Javeed Sahab  
Honorary Secretary, SUES  
Dr. Basheer Ahmed  
Advisor-cum-Director, MJCET

**CONVENER**

Prof. Mohammad Haseeb Khan, Head, EED, MJCET

**COORDINATOR**

Dr. Shaik Qadeer, Professor, EED, MJCET

**CO-COORDINATORS**

Dr. Mohd. Abdul Muqet, Assoc. Professor, EED, MJCET  
Mr. Mohammed Umair Quadri, Asst. Professor, EED,  
MJCET.

**ADVISORY COMMITTEE**

Prof. Ashfaq Jafari, Dean Academics, MJCET  
Prof. Syed Ferhathullah Hussainy, Dean Administration,  
MJCET

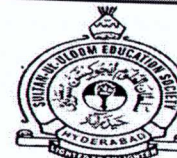
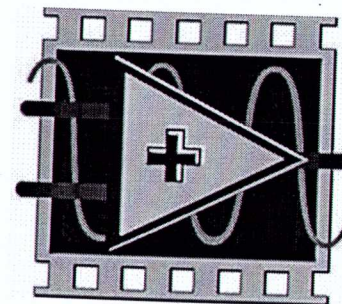
**ORGANIZING COMMITTEE**

Dr. Sk. Qadeer, Professor, EED, MJCET  
Mrs. Ajaz Fatima, Assoc. Professor, EED, MJCET  
Mr. J.E. Muralidhar, Assoc. Professor, EED, MJCET  
Mr. P. Sai Krishna, Asst. Professor (S/G), EED, MJCET  
Mrs. Narjis Begum, Asst. Professor, (S/G), EED, MJCET  
Mr. Md. Abdullah, Asst. Professor, EED, MJCET  
Mr. K. Sasidhar, Asst. Professor, EED, MJCET  
Mr. Md. Umair Quadri, Asst. Professor, EED, MJCET  
Mrs. Mahmooda Mubeen, Asst. Professor, EED, MJCET  
Mr. Mohammed Imran, Asst. Professor, EED, MJCET  
Dr. Mahaboob Sk., Asst. Professor, EED, MJCET  
Dr. Md. Sajid, Asst. Professor, EED, MJCET  
Mr. Jaffer Mohammed, Asst. Professor, EED, MJCET

One Week  
Online Workshop  
on

Skill Development Course  
(Process Instrumentation Design  
using LabView)  
(13-07-2020 to 18-07-2020)

Organized by:  
Electrical Engineering Department



**MUFFAKHAM JAH COLLEGE OF  
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TECHNOLOGY**

(Approved by AICTE & Affiliated to O.U.)  
Road No.3, Banjara Hills, Hyderabad-500034  
Website: [www.mjcollege.ac.in](http://www.mjcollege.ac.in)

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HYDERABAD - 500 034. A.P



## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E. (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

Process Instrumentation control plays a more and more important role in the field of auto measurement, with the development of computer technology and requirements of the electronics industry. Process instrument control is the process that instruments are controlled by computer directly through the exchange of commands and data between them. This process is achieved frequently by textual programming languages in traditional way. But graphical language LabVIEW bases on dataflow programming. Compared with traditional way, system developed by LabVIEW more emphasizes data processing procedure, and it makes it easier to write the program, shortens development time, and reduces the difficulty of program design.

In process instrumentation design using LabView the speaker explained the LabView basics and how different process control system can be designed using the LabView software in simulation. Prominently the Level Control system and Pressure control systems are designed and explain

### COURSE OUTLINE

- Architecture of a virtual instrument, data – flow techniques graphical programming in data flow, comparison with conventional programming.
- VIS and sub- VIS, loops and charts, array, clusters and graphs, case and sequence structures, formula nodes, local and global, variable, string and file I/O.
- Image acquisition and processing. Motion Control Learn about the basic fundamentals of Programming.
- Windowing & Filtering VI applications in various
- LabView Software Basics
- LabView Software Programming and Design of processes, Temperature, Level, and Pressure Control using PID.

## IMPORTANT DATES

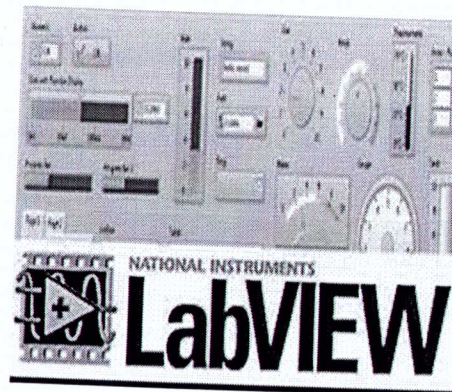
Last Date for Registration: 11, July, 2020  
Participation confirmation E-mail : 12 July, 2020

## RESOURCE PERSONS

Dr. Shaik Qadeer, Professor, Electrical Engineering Department, MJCET.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 06/07/20

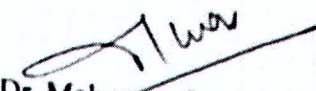
From,  
Head of Department,  
Electrical Engineering Department

To,  
Dr. Shaik Qadeer  
Professor, EED

Sub: Conduct of Skill Development Course on "Process Instrumentation Design using LabView"- Regarding

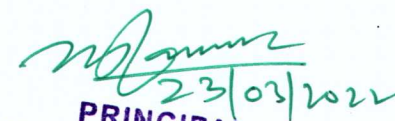
It is to inform you that "LabView Programming", is an essential skill development program for the students of B.E. EEE V and VII Semester. You are requested to design the syllabus and organize the course to EEE and students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan

Head, EED

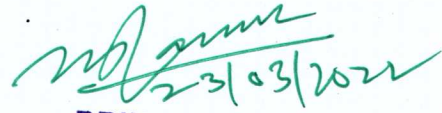
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

  
23/03/2022  
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**Syllabus: Skill Development Course**  
**(Process Instrumentation Design using LabView)**


- Architecture of a virtual instrument, data –flow techniques graphical programming in data flow, comparison with conventional programming.
- VIS and sub- VIS, loops and charts, array, clusters and graphs, case and sequence structures, formula nodes, local and global, variable, string and file I/O.
- Image acquisition and processing. Motion Control Learn about the basic fundamentals of Programming.
- Windowing& Filtering VI applications in various
- LabView Software Basics
- LabView Software Programming and Design of processes, Temperature, Level, and Pressure Control using PID.

  
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**Value Added Course: Skill Development Course (Process Instrumentation Design using LabView)" Schedule**

Date and Day	Session Timings (10AM-3PM)
Day 1 : 13/07/20	Architecture of a virtual instrument, data –flow techniques graphical programming in data flow, comparison with conventional programming.
Day 2 : 14/07/20	VIS and sub- VIS, loops and charts, array, clusters and graphs, case and sequence structures, formula nodes, local and global, variable, string and file I/O.
Day 3 : 15/07/20	Image acquisition and processing. Motion Control Learn about the basic fundamentals of Programming.
Day 4 : 16/07/20	Windowing & Filtering VI applications in various
Day 5 : 17/07/20	LabView Software Basics
Day 6 : 18/07/20	LabView Software Programming and Design of processes, Temperature, Level, and Pressure Control using PID.

  
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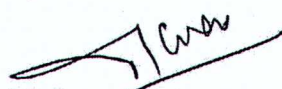
**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

**Skill Development Course**  
**"Process Instrumentation Design using LabView"**

Date: 08/07/20

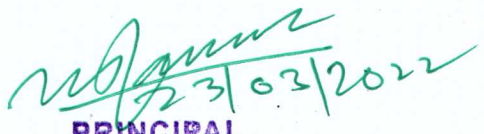
**Circular**

All students of BE EEE V and VII Semester are hereby informed that the Department of Electrical Engineering is organizing a one week Skill Development Course on "Process Instrumentation Design using LabView". The classes for the above said course are commencing from 13/07/2020 to 18/07/2020. This course will be conducted online. All the interested students and faculty are requested to register themselves latest by 10/07/2020.

  
Dr. Mohammed Haseeb Khan

Head, EED

**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-165.

  
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33	1604-17-734-053	Syed Raheel	P	P	P	P	P	P
34	1604-17-734-054	Abdul Razack Umar	P	P	P	P	P	P
35	1604-17-734-301	Shaik Zuber	P	P	P	P	P	P
36	1604-17-734-302	Kunta Akhileshwar	P	P	P	P	P	P
37	1604-17-734-304	Syed Munawwar Ali	P	P	P	P	P	P
38	1604-17-734-305	Shaik Shoaib	A	A	A	A	A	A
39	1604-17-734-306	Syed Samiuddin Ahmed	P	P	P	P	P	P
40	1604-17-734-308	Talha Athar	P	P	P	P	P	P
41	1604-17-734-309	Shaik Shakeer	P	P	P	P	P	P
42	1604-17-734-310	Md. Sameer	P	P	P	P	P	P
43	1604-17-734-311	Meer Inthiyaz Ali	P	P	P	Ab	Ab	Ab
44	1604-17-734-312	Mohammed Maqsooduddin	P	P	P	P	P	P
45	1604-16-734-038	Haseeb Hussain Mohammed	P	A	P	P	P	P
46	1604-16-734-061	B. Sidhanth	P	P	P	P	P	P
47	1604-16-734-303	Adil Ahmed	P	P	A	P	P	P
48	1604-15-734-015	Mohammed Obaid	P	P	P	P	P	P
49	1604-15-734-042	Mohammed Abdur Raheem	Ab	P	P	P	Ab	Ab
50	1604-14-734-041	S. Sambuddho	P	P	P	P	P	P

*[Signature]*  
23/03/2022

**PRINCIPAL**  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

*[Signature]*  
Coordinator  
Dr. S.K. Qadeer  
Professor, EED



## B.E EEE V-SEMESTER

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-18-734-001	Ms.Nazneen Sultana	P	P	P	P	P	P
2	1604-18-734-002	Ms.Qudseen Sultana	P	P	P	P	P	P
3	1604-18-734-003	Ms.Nausheen Parveen	P	P	P	P	P	P
4	1604-18-734-004	Ms.Maliha Shaik	P	P	P	P	P	P
5	1604-18-734-005	Ms.EeshaUmmeKulsum	P	P	P	AB	P	P
6	1604-18-734-006	Ms.Sadath Nazneen	P	P	P	P	P	P
7	1604-18-734-007	Ms.Rumana Ansari	P	P	P	P	P	P
8	1604-18-734-008	Ms.Nema Ahmed	P	P	P	P	P	P
9	1604-18-734-009	Khaja Yahya Ahmed	P	P	P	P	P	P
10	1604-18-734-010	Mohammed Zubair Khan	P	P	P	P	P	P
11	1604-18-734-011	Mohammed Abdul Razak	P	P	P	P	P	P
12	1604-18-734-013	Md Shafiuddin Ahmed	P	P	P	AB	P	P
13	1604-18-734-014	Mohammed Yousuf Ehtesham	P	P	P	P	P	P
14	1604-18-734-015	Mohammed Mudassir Nihaz	P	P	P	P	P	P
15	1604-18-734-016	Mohd Mustafa Rabbani	P	P	P	AB	P	P
16	1604-18-734-017	Mohd Mohiuddin	P	P	AB	P	P	P
17	1604-18-734-018	Khaja Sohaib Manzoor	AB	P	P	P	P	P
18	1604-18-734-019	Mohd Yousuf	P	P	P	P	P	AB
19	1604-18-734-020	Furqan Shahbaz Hussaini	P	P	P	AB	P	P
20	1604-18-734-021	Mohammed Abdul Ghani	P	P	P	P	P	P
21	1604-18-734-022	Aslam Khan	P	P	P	P	P	P
22	1604-18-734-023	Syed Nayab Rasool	P	P	P	AB	P	P
23	1604-18-734-024	Syed Sumair	P	P	P	P	P	P
24	1604-18-734-025	Mohammed Abdur Raheem	P	P	P	P	P	P
25	1604-18-734-026	Syed Anas Najeeb	P	P	P	P	P	P
26	1604-18-734-027	Ms. B. Shivani	P	AB	P	P	P	P
27	1604-18-734-028	Ms.Lulu Abdul Aziz	P	P	AB	P	P	P
28	1604-18-734-029	HajiraKashifa	P	P	P	P	P	P
29	1604-18-734-030	Ms.Yasmeen Begum	P	P	P	AB	P	P
30	1604-18-734-031	Ms.SyedaAfreeda Noor	P	P	P	P	P	P
31	1604-18-734-032	Ms.Syeda Samiya Ruksar	P	P	P	P	P	P
32	1604-18-734-033	Ms. Shaik Reshma Farheen	P	P	P	P	P	P
33	1604-18-734-034	Osman Khaja Waheeduddin	P	P	P	P	P	P
34	1604-18-734-035	Md Rustam Ali	P	P	P	P	P	P
35	1604-18-734-036	Abdullah Ahmed Hussain	P	P	P	P	P	P
36	1604-18-734-037	Mohammed Sameer Pasha	P	P	P	AB	P	P
37	1604-18-734-038	Syed Muzzaferuddin Ahmed	P	P	AB	P	P	P
38	1604-18-734-039	Abdullah	AB	P	P	P	P	P
39	1604-18-734-040	Mohammed Sohail	P	P	P	P	P	AB

*[Signature]*  
25/03/2022

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40	1604-18-734-041	Shaik Amer	P	P	P	AB	P	P
41	1604-18-734-042	Shaik Mohammad Shadaab	P	P	P	P	P	P
42	1604-18-734-043	Syed Aziz Ahmed	P	P	P	P	P	P
43	1604-18-734-044	Mohd Abdul Rahman	P	P	P	AB	P	P
44	1604-18-734-045	Mohammed Faizan Uddin	P	P	P	P	P	P
45	1604-18-734-047	Ata Abbas Mirza	P	P	P	P	P	P
46	1604-18-734-048	Shaik Mohammad Ashfan	P	P	P	P	P	P
47	1604-18-734-049	Mohammad Zuberuddin	P	AB	P	P	P	P
48	1604-18-734-050	Chintala Ram Teja Reddy	P	P	AB	P	P	P
49	1604-18-734-051	Syed Yasar Arfath	P	P	P	P	P	P
50	1604-18-734-052	Syed Abdul Jilan	P	P	P	AB	P	P
51	1604-18-734-053	Mohammed Safiuddin Imran	P	P	P	P	P	P
52	1604-18-734-054	Mohammed Shabbir Ali	P	P	P	P	P	P
53	1604-18-734-055	Syed Peera Vall	P	P	P	P	P	P
54	1604-18-734-056	Shaik Noorul Huda	P	P	P	P	P	P
55	1604-18-734-057	Syed Izaan Hashmi	P	P	P	P	P	P
56	1604-18-734-059	Qudrat Ali Farooqui	P	P	P	P	P	P
57	1604-18-734-060	Mohd. Abdul Muqeeth	P	P	P	AB	P	P
58	1604-18-734-301	Mohammad Afnan Ahmed Subhani	P	P	AB	P	P	P
59	1604-18-734-302	Mohd. Faizan Uddin	AB	P	P	P	P	P
60	1604-18-734-303	Md. Rehan Aslam	P	P	P	P	P	AB
61	1604-18-734-304	Md. Arbaaz Ahmed	P	P	P	AB	P	P
62	1604-18-734-305	Mohd. AzherMahamood	P	P	P	P	P	P
63	1604-18-734-306	Shaik Imran	P	P	P	P	P	P
64	1604-17-734-010	Marwan Mohammed FaizulHaq	P	P	P	AB	P	P
65	1604-17-734-014	Mohammed Arbaaz Khan	P	P	P	P	P	P
66	1604-17-734-017	Mohammed Abdul Rahman	P	P	P	P	P	P
67	1604-17-734-019	Mohammed Ibrahimuddin	P	P	P	P	P	P
68	1604-17-734-025	Ahmad Raza HamidullahChisti	P	AB	P	P	P	P
69	1604-17-734-026	Mohammed Adnan Ahmed	P	P	AB	P	P	P
70	1604-17-734-030	Shaik Sameer	P	P	P	P	P	P
71	1604-17-734-036	Mohammad Nazim Nawaz Ahmed	P	P	P	AB	P	P
72	1604-17-734-039	Mohammed Nihal Ahmed	P	P	P	P	P	P
73	1604-17-734-041	Syed Yaseen	P	P	P	P	P	P
74	1604-17-734-045	Omar Ahmed Rehan	P	P	P	P	P	P
75	1604-17-734-046	Mohammed Faheemuddin	P	P	P	P	P	P
76	1604-17-734-303	Syed Afnan	P	P	P	P	P	P
77	1604-16-734-024	Abed Hussain	A	A	A	A	A	A
78	1604-16-734-035	Abdullah Salahuddin	A	A	A	A	A	A

*M. J. Jah*  
23/03/2022  
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HYDERABAD - 500 034. A.P



## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

Electrical system factors Electrical systems control nearly every aspect of a modern hospital, and a knowledgeable facility manager recognizes the interconnectedness of electrical systems and their energy sources. A hospital's electrical system must provide reliable, disturbance-free power around the clock.

Hospital design is also influenced by site restraints and opportunities, climate, surrounding facilities, budget, and available technology. All hospitals should have certain common attributes, regardless of their location, size or budget.

Mechanical and electrical systems act as vital organs to a hospital, providing power, water, fresh air and other important elements that keep the hospital running efficiently and safely.

The course will highlight some basic concepts involved for electrical factor associated with hospital designs.

## COURSE OUTLINE

- Basic of Biomedical Instrumentation
- Need of Electrical Design consideration in Biomedical Field.
- General devices used in biomedical applications.
- Instruments for recording Bio-potentials
- Safety codes and Standards, Micro and Macro shock and their physiological effects
- Leakage currents and protection by the use of isolation transformers
- Equipotential grounding and earth free monitoring.
- Electrical power supply systems in a Hospital building.
- Proper installation and grounding for providing safe patient electrical environment.

## IMPORTANT DATES

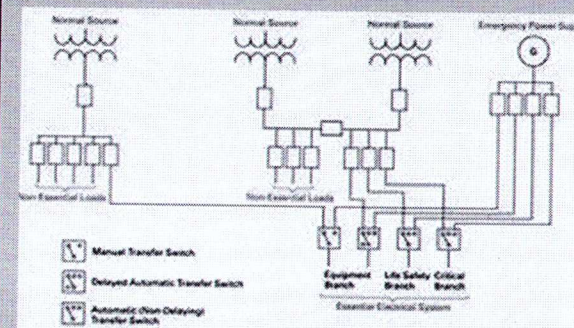
Last Date for Registration: 01, August, 2020  
Participation confirmation E-mail : 02 August, 2020.

## RESOURCE PERSONS

Mr. Mohammed Umair Quadri, Asst. Professor,  
Electrical Engineering Department, MJCET.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 24/07/2020

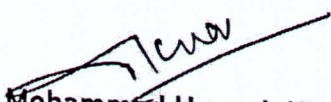
From,  
Head of Department,  
Electrical Engineering Department,

To,  
Mr. Mohammed Umair Quadri  
Assistant Professor, EED, MJCET

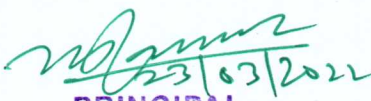
Sub: Conduct of a skill development Course on "Electrical Factors in Hospital Design"-  
Regarding

It is to inform you that "Electrical Factors in Hospital Design" is an important topic to be explained for the EEE students. You are requested to design the syllabus and organize the course to EEE students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan  
Head, EED


**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Plot No. 3, Banjara Hills, Hyd.-155.

  
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## **Skill Development Course (Electrical Factors in Hospital Design)**

- **Basic of Biomedical Instrumentation**
- **Need of Electrical Design consideration in Biomedical Field.**
- **General devices used in biomedical applications.**
- **Instruments for recording Bio-potentials.**
- **Safety codes and Standards, Micro and Macro shock and their physiological effects.**
- **Leakage currents and protection by the use of isolation transformers.**
- **Equipotential grounding and earth free monitoring.**
- **Electrical power supply systems in a Hospital building.**
- **Proper installation and grounding for providing safe electrical environment for patient.**

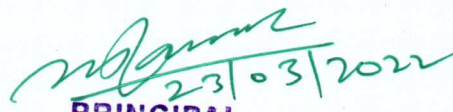
  
22/03/2022  
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Banjara Hills, Road No.3,  
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## Skill Development Course (Electrical Factors in Hospital Design)

### Schedule

Date and Day	Session Timings (10AM-3PM)
Day 1 : 03/08/2020	Basic of Biomedical Instrumentation Need of Electrical Design consideration in Biomedical Field.
Day 2 : 04/08/2020	General devices used in biomedical applications. Instruments for recording Bio-potentials
Day 3 : 05/08/2020	Safety codes and Standards, Micro and Macro shock and their physiological effects
Day 4 : 06/08/2020	Leakage currents and protection by the use of isolation transformers. Equipotential grounding and earth free monitoring.
Day 5 : 07/08/2020	Electrical power supply systems in a Hospital building.
Day 6 : 08/08/2020	Proper installation and grounding for providing safe electrical environment for patient.

  
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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

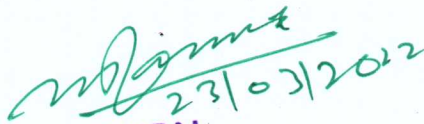
**Skill Development Course (Electrical Factors in Hospital Design)**

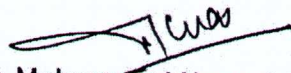
Date: 31/07/2020

**Circular**

All students of BE IV and VI Semester EEE are hereby informed that the Department of Electrical Engineering is organizing a Skill Development Course on "Electrical Factors in Hospital Design".

The classes for the above said course are commencing from 03/08/2020 to 08/08/2020. All the interested students and faculty are requested to register themselves latest by 01/08/2020.

  
23/03/2022  
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Dr. Mohammed Haseeb Khan

Head, EED

**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Plot No. 3, Banjara Hills, Hyd.-155.



Coordinator  
Dr. Sk. Qadeer  
Professor, EED

  
23/03/2022

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**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Established by Sultan-UI-Uloom Education Society in 1980)  
(Approved by AICTE and Accredited by NBA)

**Online Workshop**  
on  
**Skill Development Course**  
**Process Instrumentation Design using LabView**  
**Feedback Form**

1. How do you rate the course content? (a) ☒ Very good (b) Good (C) Satisfactory
2. How do you rate the keynote lecture? (a) ☒ Very good (b) Good (C) Satisfactory
3. Were the lectures interesting and understandable? (a) None (b) Few (c) ☒ All
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them ☒ All of them
5. How was the hospitality during the course?  
☒ Very Good (b) Good (c) Satisfactory
6. Do you have any Experience in working with LabView Software? Yes ☒ / No
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future

217

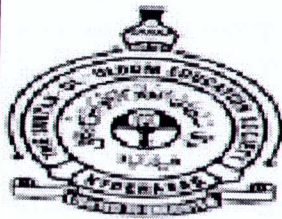
*[Signature]*  
23/03/2022

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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

Name and Sign

*[Signature]*  
SK. Jmyan

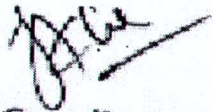





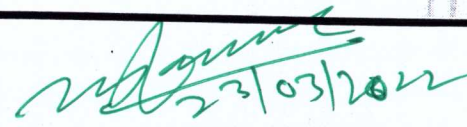
**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
(THE SULTAN-UL-ULOOM EDUCATION SOCIETY)  
Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

★  
Certificate of Participation

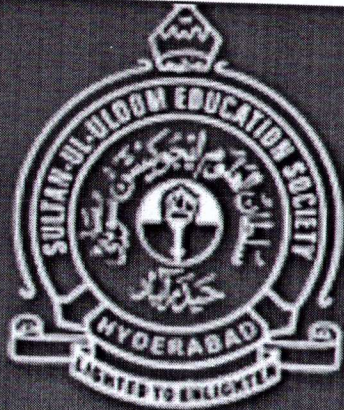
This is to certify that Ms. Qudseen Sultana of B.E EEE V-Semester has participated in One Week Skill Development Course on topic "Process Instrumentation Design using LabView", during 13-18 July, 2020, organized by Electrical Engineering Department.

★  
  
Coordinator  
Dr. Shaik Qadeer

★  
  
Convener  
Dr. Mohammed Haseeb Khan

★  
  
23/03/2022  
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( THE SULTAN UL ULOOM EDUCATION SOCIETY )

Affiliated to Osmania University & Recognised by AICTE

Banjara Hills, Hyderabad 500 034

**Electrical Engineering Department  
Organizes One Week Online  
SKILL DEVELOPMENT COURSE  
ELECTRICAL FACTORS IN HOSPITAL DESIGN**

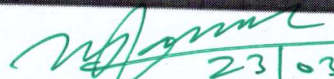
**SPEAKER**

**MR. MOHAMMED UMAIR QUADRI**  
ASSISTANT PROFESSOR, EED, MJCET

**DURATION: ONE WEEK**

**03/08/2020 TO 08/08/2020**

**TIME: 10:00 AM TO 3:00 PM**

  
23/03/2022  
**PRINCIPAL**

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Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



**Registration Form:**

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Date: ..... / ..... / .....

Place: .....

Signature of the Applicant

**Address for Correspondence:**

Mr. K.Sasidhar : 8978668154

Mr.G.Ravi Kiran: 7207877352

\*Email filled application form/  
scanned copy to:

umairquadri@mjcollege.ac.in

**PATRONS**

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Chairman, SUES

Janah. Zafar Javeed Sahab

Honorary Secretary, SUES

Dr. Basheer Ahmed

Advisor-cum-Director, MJCET

**CONVENER**

Prof. Mohammad Haseeb Khan, Head, EED, MJCET

**COORDINATOR**

Mr. Mohammed Umair Quadri. Asst. Professor,  
EED, MJCET

**CO-COORDINATORS**

Mr. K.Sasidhar Asst. Professor, EED, MJCET

Mr. G.Ravi Kiran, Asst. Professor, EED, MJCET.

**ADVISORY COMMITTEE**

Prof. Ashfaque Jafari, Dean Academics, MJCET

Prof. Syed Ferhathullah Hussainy, Dean  
Administration, MJCET

**ORGANIZING COMMITTEE**

Dr. Shaik Qadeer, Professor, EED, MJCET

Mrs. Ajaz Fatima, Assoc. Professor, EED, MJCET

Mr. J.E. Muralidhar, Assoc. Professor, EED, MJCET

Mr. P. Sai Krishna, Asst. Professor (S/G), EED,  
MJCET

Mrs. Narjis Begum, Asst. Professor, (S/G), EED,  
MJCET

Mr. Md.Abdullah, Asst. Professor, EED, MJCET

Mr. Arshad Mohammed, Asst. Professor, EED,  
MJCET

Mr. Md. Umair Quadri, Asst. Professor, EED, MJCET

Mrs. Mahmooda Mubeen, Asst. Professor, EED,  
MJCET

Mr. Mohammed Imran, Asst. Professor, EED,  
MJCET

Dr. Mahaboob Sk., Asst. Professor, EED, MJCET

Dr. Md.Sajid, Asst. Professor, EED, MJCET

Mr. Jaffer Mohammed, Asst. Professor, EED,  
MJCET

**One Week  
Online Workshop  
on**

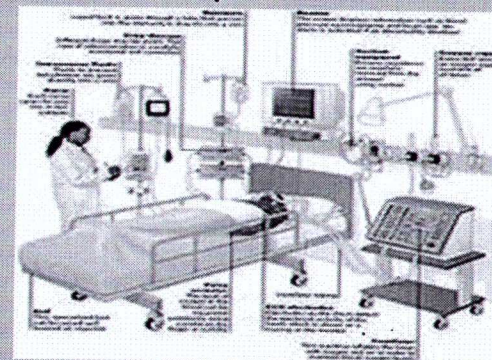
**Skill Development Course:**

***Electrical Factors in  
Hospital Design***

**(03-08-2020 to 08-08-2020)**

Organized by:

**Electrical Engineering  
Department**



**MUFFAKHAM JAH COLLEGE OF  
ENGINEERING AND  
TECHNOLOGY**

( Approved by AICTE & Affiliated to O.U )

Road No.3, Banjara Hills, Hyderabad-  
500034

Website: [www.mjcollege.ac.in](http://www.mjcollege.ac.in)

**PRINCIPAL**

Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



Date: 07/07/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

Sub: Permission to conduct a Skill Development Course on "Process Instrumentation Design using LabView"- Regarding

Sir,

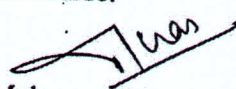
I am pleased to inform you that a Skill Development Course "Process Instrumentation Design using LabView", dated 13<sup>th</sup> July 2020 – 18<sup>th</sup> July 2020 has been planned by Electrical Engineering department for the students and faculty.

**Schedule:**


Date	13/07/2020 to 18/07/2020
Syllabus	<ul style="list-style-type: none"><li>• Architecture of a virtual instrument, data –flow techniques graphical programming in data flow, comparison with conventional programming.</li><li>• VIS and sub- VIS, loops and charts, array, clusters and graphs, case and sequence structures, formula nodes, local and global, variable, string and file I/O.</li><li>• Image acquisition and processing. Motion Control Learn about the basic fundamentals of Programming.</li><li>• Windowing&amp; Filtering VI applications in various</li><li>• LabView Software Basics</li><li>• LabView Software Programming and Design of processes, Temperature, Level, and Pressure Control using PID.</li></ul>
Resource Person	Dr. Shaik Abdul Qadeer, Professor, EED
Participants	B.E. EEE V and VII Semester students & Interested faculty

So, I request you to grant the permission to conduct the above said course.

Thanking You,

  
Dr. Mohammed Haseeb Khan

Head, EED  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

  
25/03/2022  
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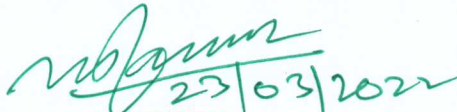
**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: One Week Online Workshop on " Skill Development Course: Process Instrumentation Design using LabView
2. Program Type: Workshop
3. If others, mention type of activity: -
4. Dates: 13th to 18th July, 2020
5. Number of Students Participated:  $48+62=110$
6. Number of Faculty Participated: -5
7. Number of External Participants: NIL
8. Objective: To provide opportunity for the students of B.E EEE to get the exposure and application of LabView Programming and Process of different sensors and hardware using an online simulation platform.
9. Benefits in terms of Learning/skill/Knowledge obtained: Get exposure and obtain skills in LabView Programming and understand of designing processes n LabView Simulated software.
10. Faculty Coordinator: Dr. Shaik Abdul Qadeer, Professor, EED, MJCET
11. Student Coordinator if any : Md. Zafar Ahmed
12. Photographs :04
13. Resource Person : Dr. Shaik Abdul Qadeer, Professor, EED, MJCET
14. Consolidate Report

The workshop was initiated by the Head, EED, Dr. Mohammed Haseeb Khan. The speaker of the workshop Dr. Shaik Qadeer has started the session with a thank note to consider as a resource person for this workshop.

He explained the importance of new emerging technologies in simulation such and explained the importance of developing programming skills to do so.

Process Instrumentation control plays a more and more important role in the field of auto measurement, with the development of computer technology and requirements of the electronics industry. Process instrument control is the process that instruments are controlled by computer directly through the exchange of commands and data between them. This process is achieved frequently by textual programming languages in traditional way. But graphical language LabVIEW

  
23/03/2022


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bases on dataflow programming. Compared with traditional way, system developed by LabVIEW more emphasizes data processing procedure, and it makes it easier to write the program, shortens development time, and reduces the difficulty of program design.

In process instrumentation design using LabView the speaker explained the LabView basics and how different process control system can be designed using the LabView software in simulation. Prominently the Level Control system and Pressure control systems are designed and explain. Feedback control systems and feed forward control systems are explained in detail. The explanation is elaborated with the help of LabView Software. The students are taught about the various control actions such as Proportional control, Proportional Integral Control, and Composite Control such as PID control. The speaker explained how PID control action can be implemented in LabView software. Various topics such as VIS and sub- VIS, loops and charts, array, clusters and graphs, case and sequence structures, formula nodes, local and global, variable, string and file I/O have been explained. LabView Software Programming and Design of processes, Temperature, Level, and Pressure Control using PID.



# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

( THE SULTAN UL ULOOM EDUCATION SOCIETY )

Affiliated to Osmania University & Recognised by AICTE

Banjara Hills, Hyderabad 500 034

### Electrical Engineering Department

### Organizes One Week Online

### Skill Development Course on

# "Process Instrumentation Design using LabView"

**RESOURCE PERSON:**

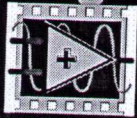
**DR. SHAIK QADEER**

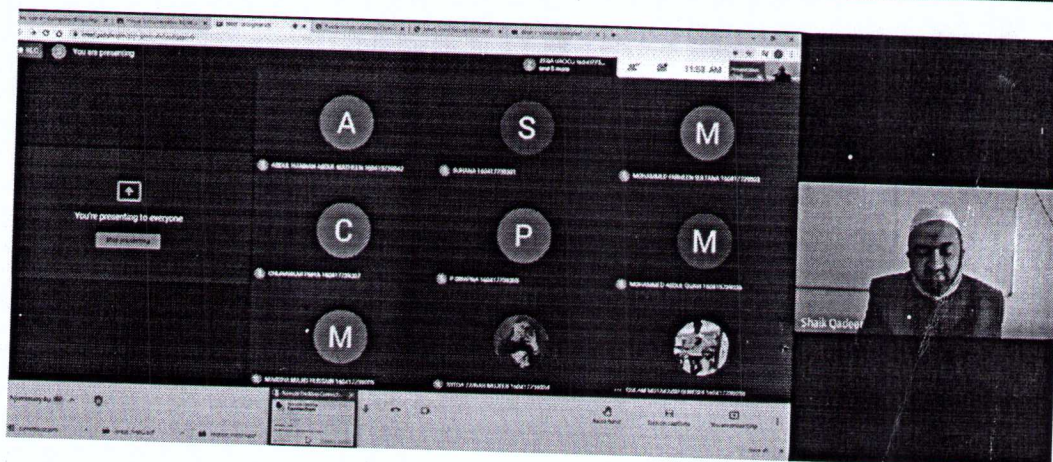
**PROFESSOR, EED, MJCET**

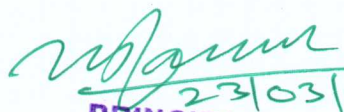
**DURATION: ONE WEEK**

**13/07/2020 TO 18/07/2020**

**TIME: 10:00 AM TO 3:00 PM**





  
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Feedback device or position sensor - A position feedback device is not required for some motion control applications (such as controlling stepper motors) but is vital for servo motors. The feedback device, usually a quadrature encoder, senses the motor position and reports the result to the controller, thereby closing the loop to the motion controller.

2. Software for Configuration, Prototyping, Development

Application software is divided into three main categories: configuration, prototyping, and application development environment (ADE). Figure 2 illustrates the motion control system programming process and the corresponding National Instruments product designed for the process.

Figure 2. The Motion Control System Development Process

Configuration  
One of the first things to do is configure your system. For this, National Instruments offers Measurement & Automation Explorer (MAX), an interactive tool for configuring not only motion control but all other National Instruments hardware. For motion control, MAX offers interactive testing and tuning panels that help you verify your system functionality before you program.

1.5

Shah Qadeer

Shah Qadeer

Dr. Mohammed Haseeb Khan  
Head, EED, and Convener  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-166.

*[Signature]*  
23/03/2022  
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# MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY

## ELECTRICAL ENGINEERING DEPARTMENT

Attendance Sheet for "Skill Development Course: Process Instrumentation

Design using LabView

B.E VII-SEMESTER

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-17-734-001	Ms.ThasmeenaFareen	P	P	P	P	P	P
2	1604-17-734-003	Ms.NishatNooreen	P	P	P	P	P	P
3	1604-17-734-004	Ms.ShaikRahmathUnnisa	P	P	P	P	P	P
4	1604-17-734-005	Ms. Ayesha Firdous	P	P	P	P	P	P
5	1604-17-734-007	Syed Azeem	P	P	P	AB	P	P
6	1604-17-734-008	Yahya Mujtaba Shareef	P	P	P	P	P	P
7	1604-17-734-009	Shaik Munawwar Ahmed	P	P	P	P	P	P
8	1604-17-734-011	Md. Zafar Ahmed	P	P	P	P	P	P
9	1604-17-734-012	S.J.Md. Athar Basha	P	P	P	P	P	P
10	1604-17-734-013	Syed Khwaja Shahzad Ahmed	P	P	P	P	P	P
11	1604-17-734-015	Mohammed Aslam Parvez	P	P	P	P	P	P
12	1604-17-734-018	Mohammad Saifuddin	P	P	P	AB	P	P
13	1604-17-734-021	Shaik Sarfaraz	P	P	P	P	P	P
14	1604-17-734-022	Mohammed Faizaan Ashraf	P	P	P	P	P	P
15	1604-17-734-023	Mohd Abdul Mussavir Ahmed	P	P	P	AB	P	P
16	1604-17-734-024	Syed Siddiq Ahmed	P	P	AB	P	P	P
17	1604-17-734-027	Syed Sameeruddin	AB	P	P	P	P	P
18	1604-17-734-028	Mohammed Ahsan Ansari	P	P	P	P	P	AB
19	1604-17-734-029	Mohammed Zaki Hussain	P	P	P	AB	P	P
20	1604-17-734-031	Mohammed Maseehullah Khan	P	P	P	P	P	P
21	1604-17-734-032	Shaik Md. Mahaboob	P	P	P	P	P	P
22	1604-17-734-033	Mohammed Aqueeb Uddin	P	P	P	AB	P	P
23	1604-17-734-034	Syed Sohail Ahmed	P	P	P	P	P	P
24	1604-17-734-035	Mohammad Azeemuddin	P	P	P	P	P	P
25	1604-17-734-037	M.A. Muzamil Khan	P	P	P	P	P	P
26	1604-17-734-040	Mohammed Abdul Rafay	P	AB	P	P	P	P
27	1604-17-734-043	Mohammed Murtuza Khan	P	P	AB	P	P	P
28	1604-17-734-044	Mohammed Wasim Akram	P	P	P	P	P	P
29	1604-17-734-047	Mohammed Sameer	P	P	P	AB	P	P
30	1604-17-734-050	Mohammed Jazib Ahmed	P	P	P	P	P	P
31	1604-17-734-051	Mohammed Samiuddin	P	P	P	P	P	P
32	1604-17-734-052	Mohammed Abdul Rahman	P	P	P	P	P	P

*[Signature]*  
23/03/2022

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Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



Date: 27/07/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

**Sub: Permission to conduct value Added Course on Skill Development Course:  
Electrical Factors in Hospital Design- Regarding**

Sir,

I am pleased to inform you that a value added course on Skill Development Course: Electrical Factors in Hospital Design, dated 3<sup>rd</sup> August- 8<sup>th</sup> August 2020 has been planned by Electrical Engineering department for the students and faculty.

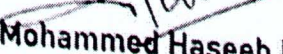
**Schedule:**

Date	03/08/2020 to 08/08/2020
Syllabus	<ul style="list-style-type: none"><li>• Basic of Biomedical Instrumentation</li><li>• Need of Electrical Design consideration in Biomedical Field.</li><li>• General devices used in biomedical applications.</li><li>• Instruments for recording Bio-potentials</li><li>• Safety codes and Standards, Micro and Macro shock and their physiological effects</li><li>• Leakage currents and protection by the use of isolation transformers</li><li>• Equipotential grounding and earth free monitoring.</li><li>• Electrical power supply systems in a Hospital building.</li><li>• Proper installation and grounding for providing safe electrical environment for patient.</li></ul>
Resource Person	Mr. Mohammed Umair Quadri, Asst. Professor, EED, MJCET.
Participants	B.E. EEE IV, VI Semester students & faculty

So, I request you to grant the permission to conduct the above said course.

Thanking You,


  
25/03/2022  
**PRINCIPAL**  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A P

  
Dr. Mohammed Haseeb Khan  
Head, EED



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: Five-day Online Workshop on " Skill Development Course: Electrical Factors in Hospital Design
2. Program Type: Workshop
3. If others, mention type of activity: -
4. Dates: 3<sup>rd</sup> to 8<sup>th</sup> August 2020
5. Number of Students Participated: 45+64=109
6. Number of Faculty Participated: -4
7. Number of External Participants: NIL
8. Objective: To provide opportunity for the students of B.E EEE to get the exposure of Electrical designing in hospitals.
9. Benefits in terms of Learning/skill/Knowledge obtained: Get designing factors associated with biomedical instruments applied in hospitals.
10. Faculty Coordinator: Mr. Mohammed Umair Quadri, Asst. Professor, EED, MJCET
11. Student Coordinator if any : - Ms. Insha Amreen, Salahuddin, Mohammed Abul Nabeel Hasnain, Mohammed Imaduddin
12. Photographs :05
13. Resource Person : Mr. Mohammed Umair Quadri, Asst. Professor, EED, MJCET
14. Consolidate Report

  
23/03/2022  
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Muffakham Jah College Of  
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HYDERABAD - 500 034.





# MUFFAKHAM JAH

COLLEGE OF ENGINEERING & TECHNOLOGY

( THE SULTAN UL ULOOM EDUCATION SOCIETY )

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Banjara Hills, Hyderabad 500 034

## Electrical Engineering Department Organizes One Week Online SKILL DEVELOPMENT COURSE ELECTRICAL FACTORS IN HOSPITAL DESIGN

### SPEAKER

MR. MOHAMMED UMAIR QUADRI  
ASSISTANT PROFESSOR, EED, MJCET

DURATION: ONE WEEK

03/08/2020 TO 08/08/2020

TIME: 10:00 AM TO 3:00 PM

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Media Playback Audio Video Subtitle Tools View Help

## ELECTRICAL FACTORS IN HOSPITAL DESIGN

M

Mr. Umar Quadri

02:48  
VLC media player controls: play/pause, stop, previous, next, full screen, playlist, extended settings, repeat, shuffle, volume, and close buttons.

45:20

*Handwritten signature and date:*  
6/3/2022  
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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



## Electrical Factors to be Considered in Hospital Design

- › Lighting system
- › Alarm system
- › Main and standby power supply system
- › Grounding

M

Md. Umar Quadri

## Electrical Factors to be Considered in Hospital Design

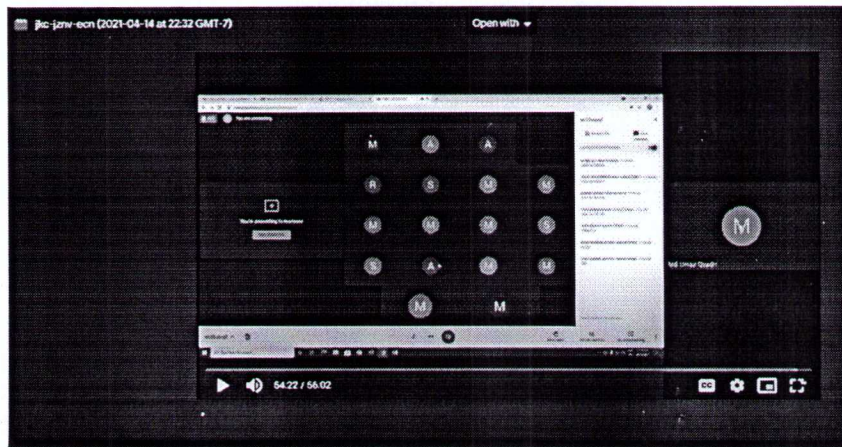
- › Lighting system
- › Alarm system
- › Main and standby power supply system
- › Grounding

M

Md. Umar Quadri

*Md. Umar Quadri*  
23/03/2022  
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The workshop was initiated by the Head, EED , Dr. Mohammed Haseeb Khan. He explained the importance of new concepts and topics required to understand practical exposure. Such one topic is Electrical Design factors associated with Hospitals.

Later the workshop was started with the resource person Mr. Mohammed Umair Quadri, who explained the importance of understanding the concepts involved with biomedical field for EEE students. He explained the Basic of Biomedical Instrumentation, Need of Electrical Design consideration in Biomedical Field.

What are the General devices used in biomedical applications and Instruments for recording Bio-potentials.

He explained that there are certain Safety codes and Standards, Micro and Macro shock and their physiological effects associated with Biomedical instruments. These concepts are important for EEE students. Moreover, topics on Leakage currents and protection by the use of isolation transformers are also discussed.

He explained the importance of Equipotential grounding for earth free monitoring and how the Electrical power supply system's works in a hospital building. How the Proper installation and grounding helps to provide safe patient electrical environment.

*M. J. Khan*  
**PRINCIPAL**  
 Muffakham Jah College Of  
 Engineering & Technology,  
 Banjara Hills, Road No.3,  
 HYDERABAD - 500 034. A.P

*M. J. Khan*  
 Dr. Mohammed Haseeb Khan  
 Head, EED, and Convener  
 Professor & Head  
 Electrical Engineering Department,  
 M.J. College of Engg. & Tech.,  
 Rd. No. 3, Banjara Hills, Hyd.-155.



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Attendance Sheet for " Skill Development Course: Electrical Factors in Hospital Design"

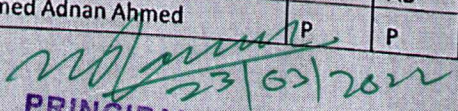
**B.E. EEE IV-SEMESTER**

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-18-734-001	Ms.Nazneen Sultana	P	P	P	P	P	P
2	1604-18-734-002	Ms.Qudseen Sultana	P	P	P	P	P	P
3	1604-18-734-003	Ms.Nausheen Parveen	P	P	P	P	P	P
4	1604-18-734-004	Ms.Maliha Shaik	P	P	P	P	P	P
5	1604-18-734-005	Ms.Eesha Umme Kulsum	P	P	P	P	P	P
6	1604-18-734-006	Ms.Sadath Nazneen	P	P	P	AB	P	P
7	1604-18-734-007	Ms.Rumana Ansari	P	P	P	P	P	P
8	1604-18-734-008	Ms.Nema Ahmed	P	P	P	P	P	P
9	1604-18-734-009	Khaja Yahya Ahmed	P	P	P	P	P	P
10	1604-18-734-010	Mohammed Zubair Khan	P	P	P	P	P	P
11	1604-18-734-011	Mohammed Abdul Razak	P	P	P	P	P	P
12	1604-18-734-013	Md Shafiuddin Ahmed	P	P	P	P	P	P
13	1604-18-734-014	Mohammed Yousuf Ehtesham	P	P	P	AB	P	P
14	1604-18-734-015	Mohammed Mudassir Nihaz	P	P	P	P	P	P
15	1604-18-734-016	Mohd Mustafa Rabbani	P	P	P	P	P	P
16	1604-18-734-017	Mohd Mohiuddin	P	P	P	AB	P	P
17	1604-18-734-018	Khaja Sohaib Manzoor	P	P	AB	P	P	P
18	1604-18-734-019	Mohd Yousuf	AB	P	P	P	P	P
19	1604-18-734-020	Furqan Shahbaz Hussaini	P	P	P	P	P	AB
20	1604-18-734-021	Mohammed Abdul Ghani	P	P	P	AB	P	P
21	1604-18-734-022	Aslam Khan	P	P	P	P	P	P
22	1604-18-734-023	Syed Nayab Rasool	P	P	P	P	P	P
23	1604-18-734-024	Syed Sumair	P	P	P	AB	P	P
24	1604-18-734-025	Mohammed Abdur Raheem	P	P	P	P	P	P
25	1604-18-734-026	Syed Anas Najeeb	P	P	P	P	P	P
26	1604-18-734-027	Ms. B. Shivani	P	P	P	P	P	P
27	1604-18-734-028	Ms.Lulu Abdul Aziz	P	AB	P	P	P	P
28	1604-18-734-029	Hajira Kashifa	P	P	AB	P	P	P
29	1604-18-734-030	Ms.Yasmeen Begum	P	P	P	P	P	P
30	1604-18-734-031	Ms.Syeda Afreeda Noor	P	P	P	AB	P	P

*[Signature]*  
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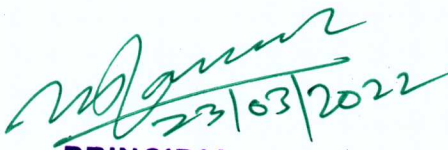
31	1604-18-734-032	Ms.Syeda Samiya Ruksar	P	P	P	P	P	P
32	1604-18-734-033	Ms. Shaik Reshma Farheen	P	P	P	P	P	P
33	1604-18-734-034	Osman Khaja Waheeduddin	P	P	P	P	P	P
34	1604-18-734-035	Md Rustam Ali	P	P	P	P	P	P
35	1604-18-734-036	Abdullah Ahmed Hussain	P	P	P	P	P	P
36	1604-18-734-037	Mohammed Sameer Pasha	P	P	P	AB	P	P
37	1604-18-734-038	Syed Muzzaferuddin Ahmed	P	P	AB	P	P	P
38	1604-18-734-039	Abdullah	AB	P	P	P	P	P
39	1604-18-734-040	Mohammed Sohail	P	P	P	P	P	AB
40	1604-18-734-041	Shaik Amer	P	P	P	AB	P	P
41	1604-18-734-042	Shaik Mohammad Shadaab	P	P	P	P	P	P
42	1604-18-734-043	Syed Aziz Ahmed	P	P	P	P	P	P
43	1604-18-734-044	Mohd Abdul Rahman	P	P	P	AB	P	P
44	1604-18-734-045	Mohammed Faizan Uddin	P	P	P	P	P	P
45	1604-18-734-047	Ata Abbas Mirza	P	P	P	P	P	P
46	1604-18-734-048	Shaik Mohammad Ashfan	P	P	P	P	P	P
47	1604-18-734-049	Mohammad Zuberuddin	P	AB	P	P	P	P
48	1604-18-734-050	Chintala Ram Teja Reddy	P	P	AB	P	P	P
49	1604-18-734-051	Syed Yasar Arfath	P	P	P	P	P	P
50	1604-18-734-052	Syed Abdul Jilan	P	P	P	AB	P	P
51	1604-18-734-053	Mohammed Safiuddin Imran	P	P	P	P	P	P
52	1604-18-734-054	Mohammed Shabbir Ali	P	P	P	P	P	P
53	1604-18-734-055	Syed Peera Vali	P	P	P	P	P	P
54	1604-18-734-056	Shaik Noorul Huda	P	P	P	P	P	P
55	1604-18-734-057	Syed Izaan Hashmi	P	P	P	P	P	P
56	1604-18-734-059	Qudrat Ali Farooqui	P	P	P	P	P	P
57	1604-18-734-060	Mohd. Abdul Muqeeth	P	P	P	AB	P	P
58	1604-18-734-301	Mohammad Afnan Ahmed Subhani	P	P	AB	P	P	P
59	1604-18-734-302	Mohd. Faizan Uddin	AB	P	P	P	P	P
60	1604-18-734-303	Md. Rehan Aslam	P	P	P	P	P	AB
61	1604-18-734-304	Md. Arbaaz Ahmed	P	P	P	AB	P	P
62	1604-18-734-305	Mohd. Azher Mahamood	P	P	P	P	P	P
63	1604-18-734-306	Shaik Imran	P	P	P	P	P	P
64	1604-17-734-010	Marwan Mohammed Faizul Haq	P	P	P	AB	P	P
65	1604-17-734-014	Mohammed Arbaaz Khan	P	P	P	P	P	P
66	1604-17-734-017	Mohammed Abdul Rahman	P	P	P	P	P	P
67	1604-17-734-019	Mohammed Ibrahimuddin	P	P	P	P	P	P
68	1604-17-734-025	Ahmad Raza Hamidullah Chisti	P	AB	P	P	P	P
69	1604-17-734-026	Mohammed Adnan Ahmed	P	P	AB	P	P	P

  
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70	1604-17-734-030	Shaik Sameer	P	P	P	P	P	P
71	1604-17-734-036	Mohammad Nazim Nawaz Ahmed	P	P	P	AB	P	P
72	1604-17-734-039	Mohammed Nihal Ahmed	P	P	P	P	P	P
73	1604-17-734-041	Syed Yaseen	P	P	P	P	P	P
74	1604-17-734-045	Omar Ahmed Rehan	P	P	P	P	P	P
75	1604-17-734-046	Mohammed Faheemuddin	P	P	P	P	P	P
76	1604-17-734-303	Syed Alnan	P	P	P	P	P	P
77	1604-16-734-024	Abed Hussain	A	A	A	A	A	A
78	1604-16-734-035	Abdullah Salahuddin	A	A	A	A	A	A

  
 Coordinator  
 Mr. Mohammed Umair Quadri,  
 Asst. Professor, EED

  
 23/03/2022  
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# B.E VI-SEMESTER

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-17-734-001	Ms.Thasmeena Fareen	P	P	P	P	P	P
2	1604-17-734-003	Ms.Nishat Nooreen	P	P	P	P	P	P
3	1604-17-734-004	Ms.Shaik Rahmath Unnisa	P	P	P	P	P	P
4	1604-17-734-005	Ms. Ayesha Firdous	P	P	P	P	P	P
5	1604-17-734-007	Syed Azeem	P	P	P	AB	P	P
6	1604-17-734-008	Yahya Mujtaba Shareef	P	P	P	P	P	P
7	1604-17-734-009	Shaik Munawwar Ahmed	P	P	P	P	P	P
8	1604-17-734-011	Md. Zafar Ahmed	P	P	P	P	P	P
9	1604-17-734-012	S.J.Md. Athar Basha	P	P	P	P	P	P
10	1604-17-734-013	Syed Khwaja Shahzad Ahmed	P	P	P	P	P	P
11	1604-17-734-015	Mohammed Aslam Parvez	P	P	P	P	P	P
12	1604-17-734-018	Mohammad Saifuddin	P	P	P	AB	P	P
13	1604-17-734-021	Shaik Sarfaraz	P	P	P	P	P	P
14	1604-17-734-022	Mohammed Faizaan Ashraf	P	P	P	P	P	P
15	1604-17-734-023	Mohd Abdul Mussavir Ahmed	P	P	P	AB	P	P
16	1604-17-734-024	Syed Siddiq Ahmed	P	P	AB	P	P	P
17	1604-17-734-027	Syed Sameeruddin	AB	P	P	P	P	P
18	1604-17-734-028	Mohammed Ahsan Ansari	P	P	P	P	P	P
19	1604-17-734-029	Mohammed Zaki Hussain	P	P	P	P	P	AB
20	1604-17-734-031	Mohammed Maseehullah Khan	P	P	P	AB	P	P
21	1604-17-734-032	Shaik Md. Mahaboob	P	P	P	P	P	P
22	1604-17-734-033	Mohammed Aqueeb Uddin	P	P	P	P	P	P
23	1604-17-734-034	Syed Sohail Ahmed	P	P	P	AB	P	P
24	1604-17-734-035	Mohammad Azeemuddin	P	P	P	P	P	P
25	1604-17-734-037	M.A. Muzamil Khan	P	P	P	P	P	P
26	1604-17-734-040	Mohammed Abdul Rafay	P	P	P	P	P	P
27	1604-17-734-043	Mohammed Murtuza Khan	P	AB	P	P	P	P
28	1604-17-734-044	Mohammed Wasim Akram	P	P	AB	P	P	P
29	1604-17-734-047	Mohammed Sameer	P	P	P	P	P	P
30	1604-17-734-050	Mohammed Jazib Ahmed	P	P	P	AB	P	P
31	1604-17-734-051	Mohammed Samiuddin	P	P	P	P	P	P
32	1604-17-734-052	Mohammed Abdul Rahman	P	P	P	P	P	P
33	1604-17-734-053	Syed Raheel	P	P	P	P	P	P
34	1604-17-734-054	Abdul Razack Umar	P	P	P	P	P	P
35	1604-17-734-301	Shaik Zuber	P	P	P	P	P	P

Principal  
22/03/2022  
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36	1604-17-734-302	Kunta Akhileshwar	P	P	P	P	P	P
37	1604-17-734-304	Syed Munawwar Ali	P	P	P	P	P	P
38	1604-17-734-305	Shaik Shoaib	A	A	A	A	A	A
39	1604-17-734-306	Syed Samiuddin Ahmed	P	P	P	P	P	P
40	1604-17-734-308	Talha Athar	P	P	P	P	P	P
41	1604-17-734-309	Shaik Shakeer	P	P	P	P	P	P
42	1604-17-734-310	Md. Sameer	P	P	P	P	P	P
43	1604-17-734-311	Meer Inthiyaz Ali	P	P	P	Ab	Ab	Ab
44	1604-17-734-312	Mohammed Maqsooduddin	P	P	P	P	P	P
45	1604-16-734-038	Haseeb Hussain Mohammed	P	A	P	P	P	P
46	1604-16-734-061	B. Sidhanth	P	P	P	P	P	P
47	1604-16-734-303	Adil Ahmed	P	P	A	P	P	P
48	1604-15-734-015	Mohammed Obaid	P	P	P	P	P	P
49	1604-15-734-042	Mohammed Abdur Raheem	Ab	P	P	P	Ab	Ab
50	1604-14-734-041	S. Sambuddho	P	P	P	P	P	P

*Quadri*

Coordinator

Mr. Mohammed Umair Quadri,  
Asst. Professor, EED

*Muffakham Jah*

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# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(Established by Sultan-UI-Uloom Education Society in 1980)

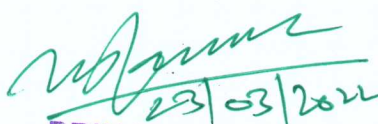
(Approved by AICTE and Accredited by NBA)


Online Workshop  
on

Skill Development Course: Electrical Factors in Hospital Design

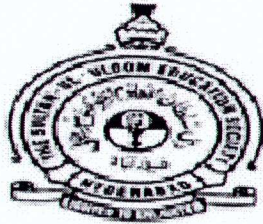
Feedback Form

1. How do you rate the course content?  
(a) ☒ Very good (b) Good (C) Satisfactory
2. How do you rate the keynote lecture?  
(a) ☒ Very good (b) Good (C) Satisfactory
3. Were the lectures interesting and understandable?  
(a) None (b) Few (c) ☒ All
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them All of them ☒
5. How was the hospitality during the course?  
(a) Very Good (b) ☒ Good (c) Satisfactory
6. Do you have any prior knowledge of Electrical design factor in hospitals?  
Yes / No ☒
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future  
NIL

  
23/03/2022  
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Name and Sign  
Abdham Khan  






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(THE SULTAN-UL-ULOOM EDUCATION SOCIETY)  
Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

★ **Certificate of Participation**

This is to certify that Mr. Shaik Md. Mahaboob of B.E EEE VII-Semester has participated in One Week Skill Development Course on topic "Electrical Factors in Hospital Design", during 03/08/2020 to 08/08/2020 organized by Electrical Engineering Department.

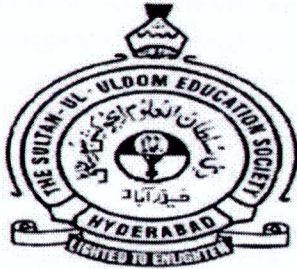
Coordinator  
Mr. Mohammed Umair Quadri

Convener  
Dr. Mohammed Haseeb Khan

  
23/03/2022

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**Electrical Engineering Department**  
**Conducts**  
**One Week Online**

**Skill Development Course on**

**"Advanced Power Electronics"**

**RESOURCE PERSON:**  
**DR. MOHAMMED SAJID**

**ASST. PROFESSOR, EED, MJCET**

**DURATION: ONE WEEK**

**17/08/2020 TO 22/08/2020**

**TIME: 11:00 AM TO 4:00 PM**

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



**Registration Form:**

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Date: ..... / ..... / .....

Place: .....

Signature of the Applicant

Address for Correspondence:  
Mr.G.Ravi Kiran: 7207877352  
Mr. Md. Abdullah : 9985298197

\*Email filled application form/  
scanned copy to:  
[sajideed@mjclege.ac.in](mailto:sajideed@mjclege.ac.in)

**PATRONS**

Janab Khan Lateef Mohammed Khan Sahab  
Chairman, SUES  
Janah. Zafar Javeed Sahab  
Honorary Secretary, SUES  
Dr. Basheer Ahmed  
Advisor-cum-Director, MJCET

**CONVENER**

Prof. Mohammad Haseeb Khan, Head, EED, MJCET

**COORDINATOR**

Dr. Mohammed Sajid, Asst. Professor, EED, MJCET

**CO-COORDINATORS**

Mr. G.Ravi Kiran, Asst. Professor, EED, MJCET.  
Mr. Md. Abdullah, Asst. Professor, EED, MJCET

**ADVISORY COMMITTEE**

Prof. Ashfaque Jafari, Dean Academics, MJCET  
Prof. Syed Ferhathullah Hussainy, Dean  
Administration, MJCET

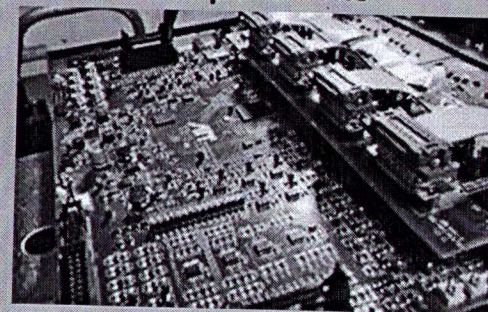
**ORGANIZING COMMITTEE**

Dr. Namratha Manohar, Professor, EED, MJCET  
Dr. Shaik Qadeer, Professor, EED, MJCET  
Dr. Mohd. Abdul Muqet, Assoc. Professor, EED,  
MJCET  
Mrs. Ajaz Fatima, Assoc. Professor, EED, MJCET  
Mr. J.E. Muralidhar, Assoc. Professor, EED, MJCET  
Mr. P. Sai Krishna, Asst. Professor (S/G), EED, MJCET  
Mrs. Narjis Begum, Asst. Professor, (S/G), EED, MJCET  
Mr. Md. Abdullah, Asst. Professor, EED, MJCET  
Mr. Arshad Mohammed, Asst. Professor, EED, MJCET  
Mr. Md. Umair Quadri, Asst. Professor, EED, MJCET  
Mrs. Mahmooda Mubeen, Asst. Professor, EED, MJCET  
Mr. Mohammed Imran, Asst. Professor, EED, MJCET  
Dr. Mahaboob Sk., Asst. Professor, EED, MJCET  
Dr. Md. Sajid, Asst. Professor, EED, MJCET  
Mr. Jaffer Mohammed, Asst. Professor, EED, MJCET

**One Week  
Online Workshop  
on**

***Skill Development Course:  
Advanced Power  
Electronics  
(17-08-2020 to 22-08-2020)***

Organized by:  
**Electrical Engineering  
Department**



**MUFFAKHAM JAH COLLEGE OF  
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TECHNOLOGY**

( Approved by AICTE & Affiliated to O.U )  
Road No.3, Banjara Hills, Hyderabad-  
500034

Website: [www.mjclege.ac.in](http://www.mjclege.ac.in)

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## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E. (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

The systems and machines of our world depend on power electronics for the ability to run efficiently and sustainably. Power electronics is the application of solid-state electronics for the control and conversion of electric power. It applies to both the systems and products involved in converting and controlling the flow of electrical energy, allowing the electricity needed for everyday products to be delivered with maximum efficiency in the smallest and lightest package. Advances in power electronics allow power to be delivered in a more dependable and less costly manner saving both energy and costs for the consumer. The energy saved by taking advantage of power electronics is important for our changing environment by using less valuable resources.

This course will explain the concepts and topics for advanced power electronics.

## COURSE OUTLINE

- Introduction to Advanced Power Electronics
- Switching voltage regulators, flyback Converter
- Push pull converters Resonant Converters
- Zero voltage Switching DC-DC converters, Zero Current Switching DC-DC converters,
- Concepts of Multiphase Converters
- FACT Devices

## IMPORTANT DATES

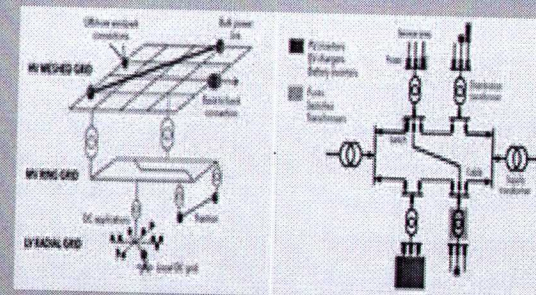
Last Date for Registration: 14, August, 2020  
Participation confirmation E-mail : 16 August, 2020.

## RESOURCE PERSONS

Mr. Mohammed Sajid, Asst. Professor,  
Electrical Engineering Department, MJCET.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND  
TECHNOLOGY**

**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 11/08/2020

From,  
Head of Department,  
Electrical Engineering Department,

To,  
Dr. Mohammed Sajid  
Assistant Professor, EED

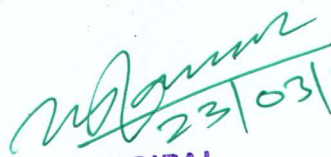
Sub: Conduct of Skill Development Course on topic "Advanced Power Electronics"-  
Regarding

It is to inform you that "Advanced Power Electronics", is an essential subject for latest development in the power electronics domain and will be beneficial for the EIE students. You are requested to design the syllabus and organize the course to EIE students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan

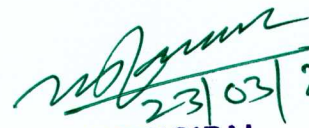
Head, EED  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

  
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**Syllabus: Skill Development Course on topic "Advanced Power Electronics"**

- ❖ Introduction to Advanced Power Electronics
- ❖ Switching voltage regulators, flyback Converter
- ❖ Push pull converters
- ❖ Resonant Converters
- ❖ Zero voltage Switching
- ❖ DC-DC converters,
- ❖ Zero Current Switching
- ❖ Concepts of Multiphase Converters
- ❖ FACT Devices

  
23/03/2022

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**Skill Development Course on topic "Advanced Power Electronics"**

**Schedule**

<b>Date and Day</b>	<b>Session Timings (10AM-3PM)</b>
<b>Day 1 : 17/08/2020</b>	Introduction to Advanced Power Electronics
<b>Date2 : 18/08/2020</b>	Switching voltage regulators, Flyback Converter
<b>Date3 : 19/08/2020</b>	Push pull converters Resonant Converters
<b>Date4 : 20/08/2020</b>	Zero voltage Switching DC-DC converters, Zero Current Switching DC-DC converters,
<b>Date5 : 21/08/2020</b>	Concepts of Multiphase Converters
<b>Date6 : 22/08/2020</b>	FACT Devices

  
23/03/2022

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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
ELECTRICAL ENGINEERING DEPARTMENT**

**Skill Development Course**


on topic

**"Advanced Power Electronics"**

Date: 14/08/20

**Circular**

All students of BE EIE V and VII Semester are hereby informed that the Department of Electrical Engineering is organizing a Skill Development Course on topic "Advanced Power Electronics". The classes for the above said course are commencing from 17/08/2020 to 22/08/2020. All the interested students and faculty are requested to register themselves latest by 13/08/2020.

  
Dr. Mohammed Haseeb Khan

Head, EED

**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155

  
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Date: 13/08/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

Sub: Permission to conduct Skill Development Course on topic "Advanced Power Electronics- Regarding

Sir,

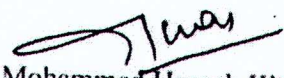
I am pleased to inform you that a Skill Development Course on topic "Advanced Power Electronics" during 17<sup>th</sup> August, 2020 -22<sup>th</sup> August, 2020 has been planned by Electrical Engineering department for the students and faculty.

**Schedule:**

Date	17/08/2020 to 22/08/2020
Syllabus	<ul style="list-style-type: none"><li>• Introduction to Advanced Power Electronics</li><li>• Switching voltage regulators, flyback Converter</li><li>• Push pull converters Resonant Converters</li><li>• Zero voltage Switching DC-DC converters, Zero Current Switching DC-DC converters,</li><li>• Concepts of Multiphase Converters</li><li>• FACT Devices</li></ul>
Resource Person	Dr. Mohammed Sajid, Assistant Professor, EED
Participants	B.E. EIE V and VII Semester Students & Interested Faculties

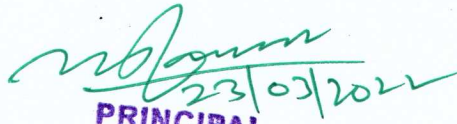
So, I request you to grant the permission to conduct the above said course.

Thanking You,

  
Dr. Mohammed Haseeb Khan

Head, EED


Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Road No. 3, Banjara Hills, Hyd.-155.

  
23/08/2020  
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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND  
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ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: One Week Online Workshop on Skill Development Course on topic "Advanced Power Electronics"
2. Program Type: Workshop
3. If others, mention type of activity: -
4. Dates: 17<sup>th</sup> August, 2020 - 22<sup>th</sup> August, 2020
5. Number of Students Participated: 55 + 65
6. Number of Faculty Participated: -4
7. Number of External Participants: NIL
8. Objective: To provide opportunity for the students of B.E EIE to get the conceptual exposure of topics in Advanced Power Electronics.
9. Benefits in terms of Learning/skill/Knowledge obtained: Get the theoretical aspects of the exposure Advanced Power Electronics
10. Faculty Coordinator: Dr. Mohammed Sajid, Assistant Professor, EED
11. Student Coordinator if any : B.Chaitanya Roy
12. Photographs :03
13. Resource Person :Dr. Mohammed Sajid, Assistant Professor, EED
14. Consolidate Report

  
23/03/2022  
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**Electrical Engineering Department  
Conducts**

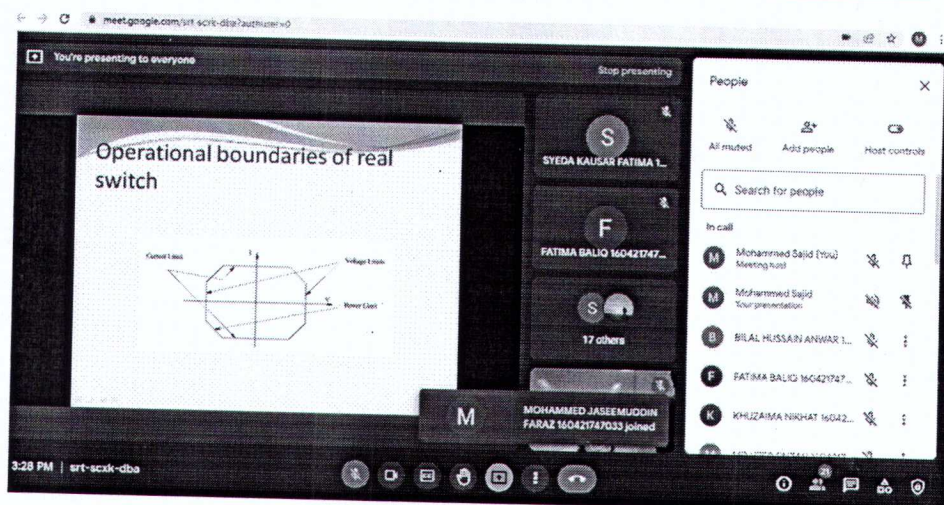
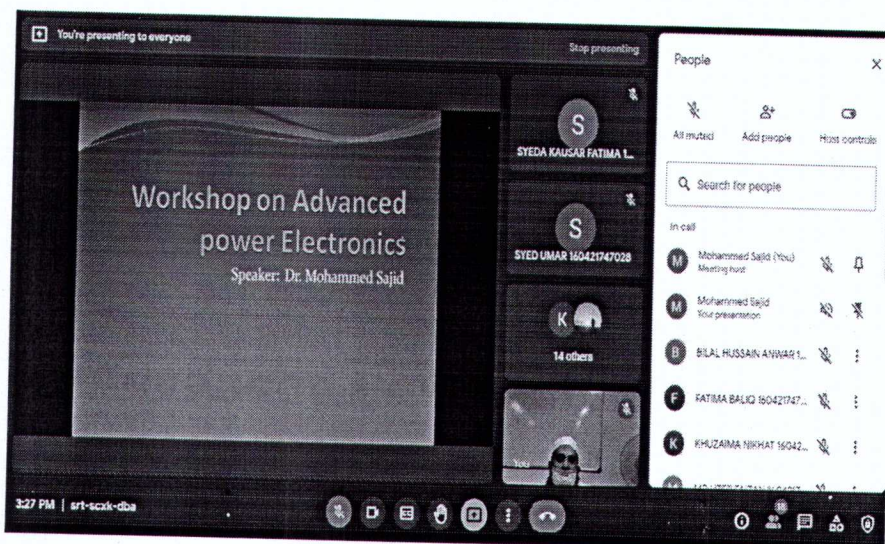
**One Week Online**

**Skill Development Course on**

## **"Advanced Power Electronics"**

**RESOURCE PERSON:**  
**DR. MOHAMMED SAJID**  
**ASST. PROFESSOR, EED, MJCET**

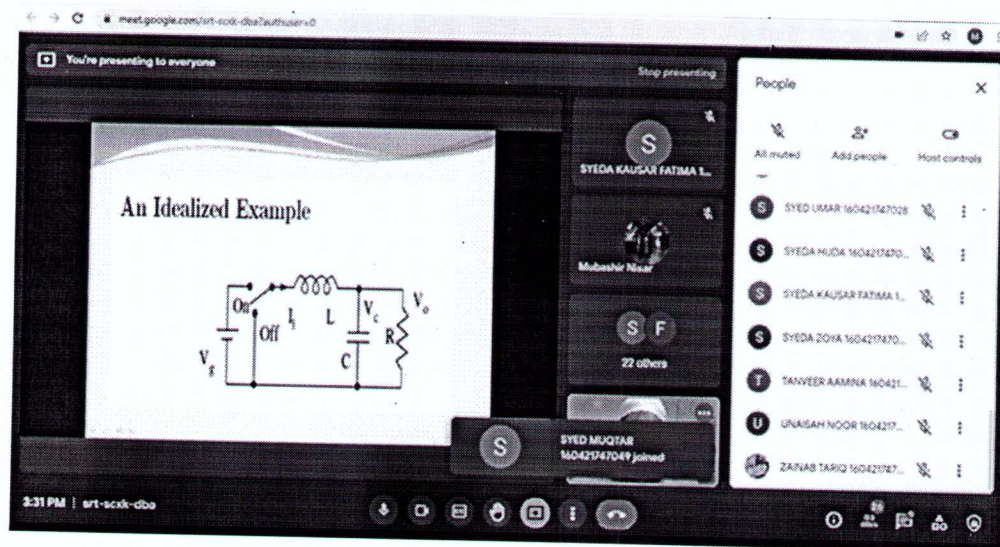
**DURATION: ONE WEEK**  
**17/08/2020 TO 22/08/2020**  
**TIME: 11:00 AM TO 4:00 PM**



*[Handwritten Signature]*  
**PRINCIPAL**

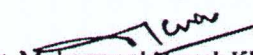
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

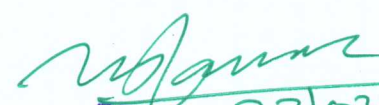




The workshop was initiated by the Head, EED, Dr. Mohammed Haseeb Khan. He explained the importance of new emerging technologies such as IoT and developing programming skills to do so. Later the workshop was started with the resource person from EED, Dr. Mohd. Abdul Muqeet, who has good experience in Arduino Programming and simulated softwares. In IoT applications Arduino Programming and its related software and hardware are important to learn and apply. Due to Covid-19 situations the students still can learn such programming using available online software. Tinkercad is such a notable platform which provides online simulation tools to learn Arduino programming, where you can connect different sensors to Arduino and get the results actually can be obtained in a simulated environment.

Tinkercad - <https://www.tinkercad.com> is an excellent tool that allows you to simulate Arduino-based systems (and a lot more). You can (perhaps you SHOULD) simulate all exercises and even your own designs before trying them on real hardware. It also allows you to do programming using blocks. You can download / copy-paste the generated code later into Arduino IDE to program the real Arduino board, rather than having to write it from scratch. In this workshop various projects such as Home Automation, Temperature Measurement were explained to the students.

  
Dr. Mohammed Haseeb Khan  
Head, EED, and Convener  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-165.

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



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Attendance Sheet for "Skill Development Course Advanced Power Electronics

**B.E EIE VII Semester**

S.No.	ROLL No.	STUDENTS NAME	20/07 / 2020	21/07 / 2020	22/07 /2020	23/07 /2020	24/07 /2020	25/07 /2020
1	1604-17-739-001	Ms. Zeba Urooj	P	P	P	P	P	P
2	1604-17-739-002	Ms. Syeda Fatima	P	P	P	P	P	P
3	1604-17-739-003	Ms. Mohammed Farheen Sultana	P	P	P	P	P	P
4	1604-17-739-005	Ms.Marsha Majid Hussain	P	P	P	P	P	P
5	1604-17-739-006	Ms. Shagufta Rehman	P	P	P	AB	P	P
6	1604-17-739-007	Ms. Amtul Hafsa	P	P	P	P	P	P
7	1604-17-739-009	Maslehuiddin Siddiqui	P	P	P	P	P	P
8	1604-17-739-010	Mohammad Arbaz Pasha	P	P	P	P	P	P
9	1604-17-739-012	Mohd. Wasiuddin	P	P	P	P	P	P
10	1604-17-739-019	Shaik Abdul Shareef	P	P	P	P	P	P
11	1604-17-739-021	Abdul Muqeeet	P	P	P	P	P	P
12	1604-17-739-022	C.M.Suhail Ahmed	P	P	P	AB	P	P
13	1604-17-739-023	Mohammed Asif Ali	P	P	P	P	P	P
14	1604-17-739-024	Mir Mohiuddin Ali Khan	P	P	P	P	P	P
15	1604-17-739-026	Syed Anas Ahmed	P	P	P	AB	P	P
16	1604-17-739-028	Ishran Ali Mohiuddin Shaik	P	P	AB	P	P	P
17	1604-17-739-031	Ms. Syeda Amatul Hussain Izzath Unissa	AB	P	P	P	P	P
18	1604-17-739-032	Ms. Mubeen Fatima	P	P	P	P	P	AB
19	1604-17-739-033	Ms.Sameera Amani Farooqui	P	P	P	AB	P	P
20	1604-17-739-034	Ms. Syeda Zainab Mujeeb	P	P	P	P	P	P
21	1604-17-739-035	Ms.Rubeena Begum	P	P	P	P	P	P
22	1604-17-739-036	Ms. Ayesha Zareen	P	P	P	AB	P	P
23	1604-17-739-038	Gulam Mutakabir Qureshi	P	P	P	P	P	P
24	1604-17-739-042	Karrar Nawaz Khan	P	P	P	P	P	P
25	1604-17-739-048	Shaik Faiz Ahmed	P	P	P	P	P	P
26	1604-17-739-050	Jassim Abdul Rahman	P	AB	P	P	P	P
27	1604-17-739-301	Ms.Suhana	P	P	AB	P	P	P
28	1604-17-739-302	Mohd. Ahad Ali Khan	P	P	P	P	P	P
29	1604-17-739-303	Ms.C. Keerthana	P	P	P	AB	P	P
30	1604-17-739-304	S. Pavan	P	P	P	P	P	P
31	1604-17-739-305	Ms. P. Swapna	P	P	P	P	P	P


*[Signature]*  
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32	1604-17-739-306	Sriramoju Dileep	P	P	P	P	P	P
33	1604-17-739-307	Ms. Chunarkar Priya	P	P	P	P	P	P
34	1604-17-739-308	G. Venkanna	P	P	P	P	P	P
35	1604-16-739-022	Mohammed Asad Hussain	P	P	P	P	P	P
36	1604-16-739-028	Syed Abdul Rahman	P	P	P	P	P	P
37	1604-16-739-035	Mohd. Salman Ahmed	P	P	P	P	P	P
38	1604-16-739-039	Mohammed Tajjamul Hasan	A	A	A	A	A	A
39	1604-16-739-042	Adeeb Arsalan	P	P	P	P	P	P
40	1604-16-739-043	Syed Hamed Ali Sufi	P	P	P	P	P	P
41	1604-15-739-019	P. Rahul	P	P	P	P	P	P
42	1604-15-739-021	Rayyan Zaki Ahmed	P	P	P	P	P	P
43	1604-15-739-033	Md. Wahaj Ahmed	P	P	P	Ab	Ab	Ab
44	1604-15-739-035	Syed Ali Mazher Abidi	P	P	P	P	P	P
45	1604-15-739-036	Mohammed Abdul Quavi	P	A	P	P	P	P
46	1604-15-739-042	Abdul Hannan Abdul Matheen	P	P	P	P	P	P
47	1604-15-739-057	Mohammed Zahed Habeeb	P	P	A	P	P	P
48	1604-15-739-303	Sonu Khan	P	P	P	P	P	P
49	1604-14-739-015	Mohd. Abdul Raza A. Mustafa	Ab	P	P	P	Ab	Ab
50	1604-14-739-022	Atif Raziuddin	P	P	P	P	P	P
51	1604-14-739-033	Md. Riyazuddin	Ab	P	P	P	Ab	Ab
52	1604-14-739-040	Mohd. Towseef	P	P	P	P	P	P

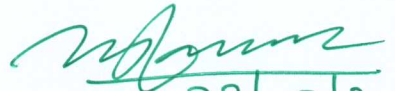
### B.E EIE V-SEMESTER

S.No.	ROLL No.	STUDENTS NAME	13/0 7/20 20	14/0 7/20 20	15/0 7/20 20	16/0 7/20 20	17/0 7/20 20	18/0 7/20 20
1	1604-18-739-001	Ms.Neda Fatima	P	P	P	P	P	P
2	1604-18-739-002	Ms.Saba Mubeen Fatima	P	P	P	P	P	P
3	1604-18-739-003	Ms.Muskaan Gujrati	P	P	P	P	P	P
4	1604-18-739-004	Ms. Muskaan Yousuf	P	P	P	P	P	P
5	1604-18-739-005	Ms.Minhaj Fatima	P	P	P	AB	P	P
6	1604-18-739-006	Ms.Mariyam Fatima	P	P	P	P	P	P
7	1604-18-739-007	Ms.Abeer Moeed	P	P	P	P	P	P
8	1604-18-739-008	Ms.Ruba Begum	P	P	P	P	P	P
9	1604-18-739-009	Ms.Insha Amreen	P	P	P	P	P	P
10	1604-18-739-010	B.Chaitanya Roy	P	P	P	P	P	P
11	1604-18-739-011	Shaik Mohamed Anas	P	P	P	P	P	P
12	1604-18-739-012	Mohammed Abdul Younus	P	P	P	AB	P	P
13	1604-18-739-013	Mohammed Abdul Muqtader	P	P	P	P	P	P

  
**PRINCIPAL** 24/03/2022  
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14	1604-18-739-014	Mohammed Nazimuddin	P	P	P	P	P	P
15	1604-18-739-015	Mohammed Abdul Naafay Shareef	P	P	P	AB	P	P
16	1604-18-739-016	Syed Rohid	P	P	AB	P	P	P
17	1604-18-739-017	Syed Nabeel Ahmed	AB	P	P	P	P	P
18	1604-18-739-018	Ahmed Usama	P	P	P	P	P	AB
19	1604-18-739-019	Mohammed Shamsuddin Faraz	P	P	P	AB	P	P
20	1604-18-739-020	Md Vaseem	P	P	P	P	P	P
21	1604-18-739-021	Mohd Salman Khan	P	P	P	P	P	P
22	1604-18-739-022	Mohammed Zubair	P	P	P	AB	P	P
23	1604-18-739-023	Aftab Ali	P	P	P	P	P	P
24	1604-18-739-024	Mohammed Abdul Rauf	P	P	P	P	P	P
25	1604-18-739-026	Syed Abbas	P	P	P	P	P	P
26	1604-18-739-027	Mohammed Saif Ali	P	AB	P	P	P	P
27	1604-18-739-028	Ms. P. Alekya	P	P	AB	P	P	P
28	1604-18-739-029	Ms. Hana Riaz	P	P	P	P	P	P
29	1604-18-739-030	Ms. Rida Fatima Khan	P	P	P	AB	P	P
30	1604-18-739-031	Ms. Ayesha Thabassum Ara	P	P	P	P	P	P
31	1604-18-739-032	Ms. Ayesha Juveria	P	P	P	P	P	P
32	1604-18-739-033	Ms. Amtul Moiz	P	P	P	P	P	P
33	1604-18-739-034	Ms. Sara Waheed	P	P	P	P	P	P
34	1604-18-739-035	Mohammed Faqaruddin	P	P	P	P	P	P
35	1604-18-739-036	Mohammed Salahuddin	P	P	P	P	P	P
36	1604-18-739-037	Ausaf Ahmed	P	P	P	AB	P	P
37	1604-18-739-038	Qizer ul Hassan	P	P	AB	P	P	P
38	1604-18-739-039	Syed Ismail Ahmed	AB	P	P	P	P	P
39	1604-18-739-040	Ahmed Uzair Hussain	P	P	P	P	P	AB
40	1604-18-739-043	Syed Shoaib Akhter	P	P	P	AB	P	P
41	1604-18-739-044	Mohammed Viqaas	P	P	P	P	P	P
42	1604-18-739-045	Mohammed Kashif Shaheem	P	P	P	P	P	P
43	1604-18-739-046	Syed Atyab Shah	P	P	P	AB	P	P
44	1604-18-739-047	Md Habeeb Ahmed	P	P	P	P	P	P
45	1604-18-739-048	Mohd Owais Khan	P	P	P	P	P	P
46	1604-18-739-049	Mohammed Adeeb Omer	P	P	P	P	P	P
47	1604-18-739-051	Mohd Ashfaq	P	AB	P	P	P	P
48	1604-18-739-052	Mohammed Abdul Bari	P	P	AB	P	P	P
49	1604-18-739-053	Mohammed Abdul Aziz	P	P	P	P	P	P
50	1604-18-739-054	Mohd Idris Faheem	P	P	P	AB	P	P
51	1604-18-739-055	Syed Reyan Ahmed	P	P	P	P	P	P
52	1604-18-739-056	Syed Misbahuddin	P	P	P	P	P	P
53	1604-18-739-057	Abdulla Shoukat Ali	P	P	P	P	P	P

  
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54	1604-18-739-058	Syed Raziuddin	P	P	P	P	P	P
55	1604-18-739-059	Mohd. Afnaan Ahmed	P	P	P	P	P	P
56	1604-18-739-060	Mohd. Yousuf uddin	P	P	P	P	P	P
57	1604-18-739-301	N. Vamsi Krishna	P	P	P	AB	P	P
58	1604-18-739-302	Mohammed Abdul Waseem	P	P	AB	P	P	P
59	1604-18-739-303	Mohammed Muzammil Ali	AB	P	P	P	P	P
60	1604-18-739-304	Mohammad Soheli Pasha	P	P	P	P	P	AB
61	1604-18-739-305	D. Adithya	P	P	P	AB	P	P
62	1604-18-739-306	Shabaz Khan	P	P	P	P	P	P
63	1604-17-739-011	M. Venkatasai Ashwinmitra	P	P	P	P	P	P
64	1604-17-739-016	Mohammd Zain Ur Rahman	P	P	P	AB	P	P
65	1604-17-739-017	Mohammed Ismail	P	P	P	P	P	P
66	1604-17-739-018	Mohammed Jawad Mujeeb	P	P	P	P	P	P
67	1604-17-739-020	Mohammad Abdul Rafey Sultan	P	P	P	P	P	P
68	1604-17-739-025	Mohammed Saadullah	P	AB	P	P	P	P
69	1604-17-739-041	Syed Taher	P	P	AB	P	P	P
70	1604-17-739-043	Mohammed Mubasheeruddin	P	P	P	P	P	P
71	1604-17-739-044	Shaik Wajid	P	P	P	AB	P	P
72	1604-17-739-045	Shaik Ameer Sohail	P	P	P	P	P	P
73	1604-17-739-046	Ahmed Uzair	P	P	P	P	P	P
74	1604-17-739-047	Syed Mukheed	P	P	P	P	P	P
75	1604-17-739-049	Mohammed Abdul Qadeer	P	P	P	P	P	P
76	1604-17-739-052	Mohammed Shoaib	P	P	P	P	P	P
77	1604-16-739-013	Ms. Husna Rafeeq	A	A	A	A	A	A
78	1604-16-739-014	Ms. Sameena Khan Neha Khan	A	A	A	A	A	A

*[Signature]*

Coordinator

Dr. Mohammed Sajid

*[Signature]*  
23/03/2022  
**PRINCIPAL**  
Muffakham Jah College Of  
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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P






# **MUFFAKHAM JAH**

## **COLLEGE OF ENGINEERING & TECHNOLOGY**

(Established by Sultan-UI-Uloom Education Society in 1980)  
(Approved by AICTE and Accredited by NBA)

**Online Workshop**  
**on**  
**Skill Development Course**  
**(Advanced Power Electronics)**  
**Feedback Form**

1. How do you rate the course content? (a) Very good (b) Good (c) Satisfactory
2. How do you rate the keynote lecture? (a) Very good (b) Good (c) Satisfactory
3. Were the lectures interesting and understandable? (a) None (b) Few (c) All
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them (c) All of them
5. How was the hospitality during the course?  
(a) Very Good (b) Good (c) Satisfactory
6. Do you have any Experience in working with power electronics devices? Yes /No
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future

  
23/03/2022

**PRINCIPAL**

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Engineering & Technology,  
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**MUFFAKHAM JAH**  
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Online Workshop  
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4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) ☒ Few of them (c) ☒ All of them
5. How was the hospitality during the course?  
(a) Very Good (b) ☒ Good (c) Satisfactory
6. Do you have any Experience in working with power electronics devices? Yes / ☒ No
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future

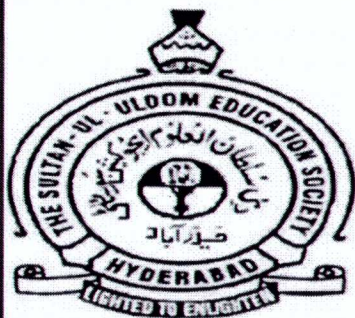
Nil

*M. J. J.*  
23/03/2022

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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

*Mond. Wasimuddin*  
Name and Sign





# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(THE SULTAN-UL-ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

### Certificate of Participation

*This is to certify that Dr./Mr./Ms Mr. Mohd. Wasiuddin of B.E EIE VII Semester has participated in One Week Skill Development Course on topic "Advanced Power Electronics", during 17-08-2020 to 22-08-2020, organized by Electrical Engineering Department.*

**Coordinator**

**Dr. Mohammed Sajid**

  
23/03/2022

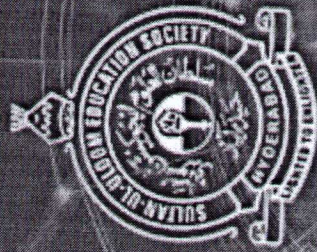
**PRINCIPAL**

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Engineering & Technology  
Banjara Hills, Road No.3  
HYDERABAD - 500 034. A

**HoD & Convener**

**Dr. Mohammed Haseeb Khan**





# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

( THE SULTAN UL ULOOM EDUCATION SOCIETY )  
Affiliated to Osmania University & Recognised by AICTE  
Banjara Hills, Hyderabad 500 034

Electrical Engineering Department

Conducts

One Week Online

Skill Development Course on

# " Introduction to Artificial Intelligence "

RESOURCE PERSON:

MR. AZHAR ALI

ASST. PROFESSOR, ITD, MJCET

DURATION: ONE WEEK  
20/07/2020 TO 25/07/2020  
TIME: 10:00 AM TO 3:00 PM

PRINCIPAL

Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



**Registration Form:**

Name \_\_\_\_\_

Designation \_\_\_\_\_

Organization \_\_\_\_\_

Department \_\_\_\_\_

Mailing Address \_\_\_\_\_

Mobile No. \_\_\_\_\_

Email: \_\_\_\_\_

Date: ..... / ..... / .....

Place: .....

Signature of the Applicant

Address for Correspondence:

Mr. K.Sasidhar : 8978668154

Mr.G.Ravi Kiran: 7207877352

\*Email filled application form/  
scanned copy to:

[ravikiraneed@mjcollege.ac.in](mailto:ravikiraneed@mjcollege.ac.in)

**PATRONS**

Janab Khan Lateef Mohammed Khan Sahab  
Chairman, SUES

Janah. Zafar Javeed Sahab

Honorary Secretary, SUES

Dr. Basheer Ahmed

Advisor-cum-Director, MJCET

**CONVENER**

Prof. Mohammad Haseeb Khan, Head, EED, MJCET

**COORDINATOR**

Dr. Mohd. Abdul Muqeet, Assoc. Professor, EED,  
MJCET

**CO-COORDINATORS**

Mr. K.Sasidhar Asst. Professor, EED, MJCET

Mr. G.Ravi Kiran, Asst. Professor, EED, MJCET.

**ADVISORY COMMITTEE**

Prof. Ashfaque Jafari, Dean Academics, MJCET

Prof. Syed Ferhathullah Hussainy, Dean  
Administration, MJCET

**ORGANIZING COMMITTEE**

Dr. Shaik Qadeer, Professor, EED, MJCET

Mrs. Ajaz Fatima, Assoc. Professor, EED, MJCET

Mr. J.E. Muralidhar, Assoc. Professor, EED, MJCET

Mr. P. Sai Krishna, Asst. Professor (S/G), EED,  
MJCET

Mrs. Narjis Begum, Asst. Professor, (S/G), EED,  
MJCET

Mr. Md. Abdullah, Asst. Professor, EED, MJCET

Mr. Arshad Mohammed, Asst. Professor, EED,  
MJCET

Mr. Md. Umair Quadri, Asst. Professor, EED, MJCET

Mrs. Mahmooda Mubeen, Asst. Professor, EED,  
MJCET

Mr. Mohammed Imran, Asst. Professor, EED,  
MJCET

Dr. Mahaboob Sk., Asst. Professor, EED, MJCET

Dr. Md. Sajid, Asst. Professor, EED, MJCET

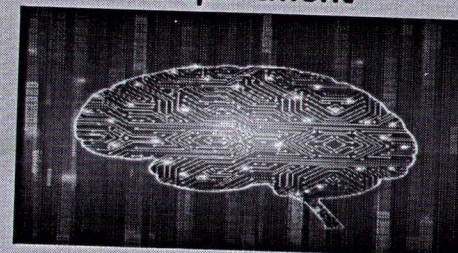
Mr. Jaffer Mohammed, Asst. Professor, EED,  
MJCET

**One Week  
Online Workshop  
on**

**Skill Development Course:  
Introduction to Artificial  
Intelligence**

**(20-07-2020 to 25-07-2020)**

Organized by:  
**Electrical Engineering  
Department**



**MUFFAKHAM JAH COLLEGE OF  
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Website: [www.mjcollege.ac.in](http://www.mjcollege.ac.in)

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## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

- ❖ *Artificial Intelligence touches millions of lives daily where it interacts with us through Smart Phone, Personal Computer, and other Smart Devices, It yields immense benefits across all the sectors ranging from Healthcare, Manufacturing, Transportation, Retail, Education, Information Technology, Marketing among several others.*
- ❖ *Below are the benefits of Artificial Intelligence:*
  - 1. Reducing Human Intensive Labour
  - 2. Increasing Efficiency in Pharma Industry
  - 3. Transforming the Financial Sector
  - 4. Quicker and Easier Customer Service using AI Chat-Bots
  - 5. Enhancing Safety on Roads

## COURSE OUTLINE

- Intelligent Systems, Foundations of AI, Subareas of AI, Applications. Problem Solving
- Search Algorithms
- Probabilistic Reasoning: Probability, conditional probability
- Reinforcement Learning: Passive reinforcement learning
- Adaptive dynamic programming
- Bayesian Networks

## IMPORTANT DATES

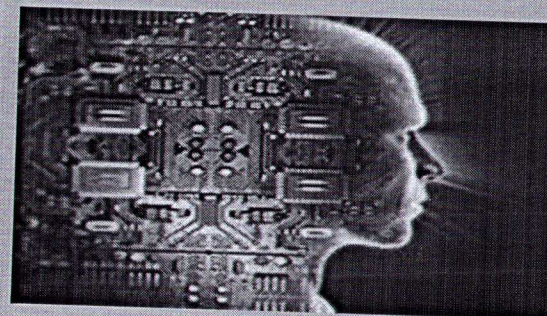
Last Date for Registration: 18, July, 2020  
Participation confirmation E-mail : 19 July, 2020

## RESOURCE PERSONS

Mr. Azhar Ali, Asst. Professor, Information Technology Department, MJCET.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



*[Signature]*  
23/07/2020

## PRINCIPAL

Muffakham Jah College Of  
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HYDERABAD - 500 034. A.P



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 15/07/20

From,  
Head of Department,  
Electrical Engineering Department,

To,  
Dr. Mohd. Abdul Muqeet  
Associate Professor,  
Electrical Engineering Dept.

Sub: Conduct of Skill Development Course on "Introduction to Artificial Intelligence"- Regarding


It is to inform you that "Artificial intelligence" is an emerging subject and students of EEE and EIE can get benefitted by understanding the concepts involved in this emerging domain. You are requested to design the syllabus and organize the course to EEE and EIE students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan

Head, EED


**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hydr. -155.

  
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**Syllabus: Skill Development Course "Introduction to Artificial Intelligence"**

- ✓ Intelligent Systems,
  - Foundations of AI,
  - Subareas of AI,
  - Applications.
  - Problem Solving
- ✓ Search Algorithms
- ✓ Probabilistic Reasoning: Probability, conditional probability
- ✓ Reinforcement Learning: Passive reinforcement learning
- ✓ Adaptive dynamic programming
- ✓ Bayesian Networks

  
27/03/2012


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## Skill Development Course "Introduction to Artificial Intelligence"

### Schedule

Date and Day	Session Timings (10AM-3PM)
Day 1 : 20/07/20	Intelligent Systems, Foundations of AI, Subareas of AI, Applications. Problem Solving
Day 2 : 21 /07/20	Search Algorithms
Day 3 : 22/07/20	Probabilistic Reasoning: Probability, conditional probability
Day 4 : 23/07/20	Reinforcement Learning: Passive reinforcement learning
Day 5 : 24/07/20	adaptive dynamic programming
Day 6 : 25/07/20	Bayesian Networks

  
23/03/2022

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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

**Skill Development Course "Introduction to Artificial Intelligence"**

Date: 18/07/20

**Circular**

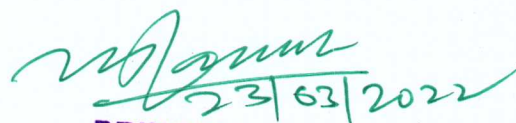
All students of B.E EEE and EIE VII semester students are hereby informed that the Department of Electrical Engineering is organizing a "Skill Development Course on topic "Introduction to Artificial Intelligence". The online classes for the above said course are commencing from 20/07/2020 to 25/07/2020. All the interested students and faculty are requested to register themselves latest by 19/07/2020.



Dr. Mohammed Haseeb Khan

Head, EED

**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.



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Date: 17/07/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

Sub: Permission to conduct Skill Development Course on "Introduction to Artificial Intelligence"-  
Regarding

Sir,

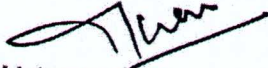
I am pleased to inform you that a Skill Development Course on "Introduction to Artificial Intelligence", dated 20<sup>th</sup> July, 2020 – 25<sup>th</sup> July, 2020 has been planned by Electrical Engineering department for the students and interested faculties

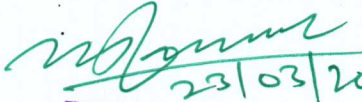
**Schedule:**

Date	20/07/2020 to 25/07/2020
Syllabus	<ul style="list-style-type: none"><li>• Intelligent Systems, Foundations of AI,</li><li>• Subareas of AI, Applications. Problem Solving</li><li>• Search Algorithms</li><li>• Probabilistic Reasoning: Probability, conditional probability</li><li>• Reinforcement Learning: Passive reinforcement learning</li><li>• Adaptive dynamic programming</li><li>• Bayesian Networks</li></ul>
Resource Person	Mr. Azhar Ali, Assistant Professor, IT Department
Participants	B.E. EEE & EIE VII Semester students & interested faculties

So, I request you to grant the permission to conduct the above said course.

Thanking You,

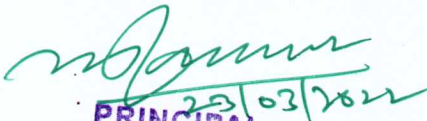
  
Dr. Mohammed Haseeb Khan  
Head, EED

  
23/03/2022  
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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: One-week Online Workshop on "Skill Development Course on "Introduction to Artificial Intelligence
2. Program Type: Workshop
3. If others, mention type of activity: -
4. Dates: 20<sup>th</sup> July, 25<sup>th</sup> July, 2020
5. Number of Students Participated: 110
6. Number of Faculty Participated: -4
7. Number of External Participants: NIL
8. Objective: To provide opportunity for the students of B.E EEE and EIE to get Artificial Intelligence To understand foundations and Applications of AI. To learn aspects of Reinforcement Learning.
9. Benefits in terms of Learning/skill/Knowledge obtained: Understand and analyze working of an AI technique using Heuristic search. Understand and design the Bayesian Networks. How to utilized such concepts for Instrumentation systems and electrical system designing.
10. Faculty Coordinator: Dr. Mohd. Abdul Muqeet, Assoc. Professor, EED, MJCET.
11. Student Coordinator if any : - Ms. Abeer Moeed
12. Photographs :04
13. Resource Person: Mr. Azhar Ali, Asst. Professor, IT Department.
14. Consolidate Report

  
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# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(THE SULTAN UL ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognised by AICTE

Banjara Hills, Hyderabad 500 034

### Electrical Engineering Department

### Conducts

### One Week Online

### Skill Development Course on

## "Introduction to Artificial Intelligence"

RESOURCE PERSON:

**MR. AZHAR ALI**

**ASST. PROFESSOR, ITD, MJCET**

DURATION: ONE WEEK

20/07/2020 TO 25/07/2020

TIME: 10:00 AM TO 3:00 PM

**What is Intelligence?**

- Intelligence is a property of mind that encompasses many related mental abilities, such as the capabilities to
  - reason
  - plan
  - solve problems
  - think abstractly
  - comprehend ideas and language and learn

**Characteristics of AI systems**

*[Signature]*  
23/07/2022  
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### Problem-22:

Consider the following graph:

The numbers written on edges represent the distance between the nodes.  
The numbers written on nodes represent the heuristic value.  
Find the most cost effective path to reach from start state A to final state J using A\* Algorithm.

### Algorithm (A\*)

- Initialization OPEN list with initial node; CLOSED =  $\varnothing$ ;  $g = 0$ ;  $f = h$ ; Found = false;
- While (OPEN  $\neq \varnothing$  and Found = false)
  - Remove the node with the lowest value of  $f$  from OPEN to CLOSED and call it as a Best\_Node
  - If Best\_Node = Goal state then Found = true else
    - Generate the Succ of Best\_Node
    - For each Succ do
      - Compute  $g(\text{Succ}) = g(\text{Best\_Node}) + \text{cost of getting from Best\_Node to Succ}$

### A\* - Contd..

- If Succ  $\in$  OPEN then  $f$  already being generated but not processed "

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The workshop was initiated by the Workshop coordinator Dr. Mohd. Abdul Muqeet, Associate Professor, EED. He explained the importance of new emerging technologies such as IoT and Artificial Intelligence and how such technologies will change the future of world.

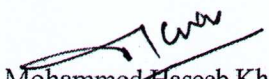
Later the speaker started the workshop and explain various concepts involved in AI field. He also explained the way Artificial Intelligence touches millions of lives daily where it interacts with us through Smart Phone, Personal Computer, and other Smart Devices, It yields immense benefits across all the sectors ranging from Healthcare, Manufacturing, Transportation, Retail, Education, Information Technology, Marketing among several others.

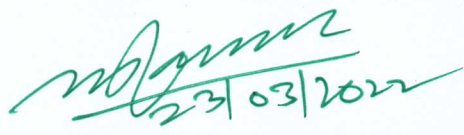
Below are the benefits of Artificial Intelligence:

1. Reducing Human Intensive Labour
2. Increasing Efficiency in Pharma Industry
3. Transforming the Financial Sector
4. Quicker and Easier Customer Service using AI Chat-Bots
5. Enhancing Safety on Roads

Theoretical concepts on the following topics have been covered.

- Intelligent Systems, Foundations of AI,
- Subareas of AI, Applications. Problem Solving
- Search Algorithms
- Probabilistic Reasoning: Probability, conditional probability
- Reinforcement Learning: Passive reinforcement learning
- Adaptive dynamic programming
- Bayesian Networks

  
Dr. Mohammed Haseeb Khan  
Head, EED, and Convener  
Professor & Head  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

  
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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Attendance Sheet for Skill Development Course on "Introduction to Artificial Intelligence"

**B.E EEE VII Semester**

S.No.	ROLL No.	STUDENTS NAME	20/07/ 2020	21/07/ 2020	22/07/ 2020	23/07/ 2020	24/07/ 2020	25/07/ 2020
1	1604-17-734-001	Ms.ThasmeenaFareen	P	P	P	P	P	P
2	1604-17-734-003	Ms.NishatNooreen	P	P	P	P	P	P
3	1604-17-734-004	Ms.ShaikRahmathUnnisa	P	P	P	P	P	P
4	1604-17-734-005	Ms. Ayesha Firdous	P	P	P	P	P	P
5	1604-17-734-007	Syed Azeem	P	P	P	AB	P	P
6	1604-17-734-008	Yahya Mujtaba Shareef	P	P	P	P	P	P
7	1604-17-734-009	Shaik Munawwar Ahmed	P	P	P	P	P	P
8	1604-17-734-011	Md. Zafar Ahmed	P	P	P	P	P	P
9	1604-17-734-012	S.J.Md. Athar Basha	P	P	P	P	P	P
10	1604-17-734-013	Syed Khwaja Shahzad Ahmed	P	P	P	P	P	P
11	1604-17-734-015	Mohammed Aslam Parvez	P	P	P	P	P	P
12	1604-17-734-018	Mohammad Saifuddin	P	P	P	AB	P	P
13	1604-17-734-021	Shaik Sarfaraz	P	P	P	P	P	P
14	1604-17-734-022	Mohammed Faizaan Ashraf	P	P	P	P	P	P
15	1604-17-734-023	Mohd Abdul Mussavir Ahmed	P	P	P	AB	P	P
16	1604-17-734-024	Syed Siddiq Ahmed	P	P	AB	P	P	P
17	1604-17-734-027	Syed Sameeruddin	AB	P	P	P	P	P
18	1604-17-734-028	Mohammed Ahsan Ansari	P	P	P	P	P	AB
19	1604-17-734-029	Mohammed Zaki Hussain	P	P	P	AB	P	P
20	1604-17-734-031	Mohammed Maseehullah Khan	P	P	P	P	P	P
21	1604-17-734-032	Shaik Md. Mahaboob	P	P	P	P	P	P
22	1604-17-734-033	Mohammed Aqueeb Uddin	P	P	P	AB	P	P
23	1604-17-734-034	Syed Sohail Ahmed	P	P	P	P	P	P
24	1604-17-734-035	Mohammad Azeemuddin	P	P	P	P	P	P
25	1604-17-734-037	M.A. Muzamil Khan	P	P	P	P	P	P
26	1604-17-734-040	Mohammed Abdul Rafay	P	AB	P	P	P	P
27	1604-17-734-043	Mohammed Murtuza Khan	P	P	AB	P	P	P
28	1604-17-734-044	Mohammed Wasim Akram	P	P	P	P	P	P
29	1604-17-734-047	Mohammed Sameer	P	P	P	AB	P	P
30	1604-17-734-050	Mohammed Jazib Ahmed	P	P	P	P	P	P
31	1604-17-734-051	Mohammed Samiuddin	P	P	P	P	P	P
32	1604-17-734-052	Mohammed Abdul Rahman	P	P	P	P	P	P
33	1604-17-734-053	Syed Raheel	P	P	P	P	P	P

*[Signature]*  
23/03/2022

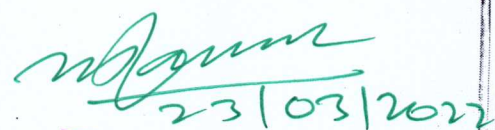
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34	1604-17-734-054	Abdul Razack Umar	P	P	P	P	P	P
35	1604-17-734-301	Shaik Zuber	P	P	P	P	P	P
36	1604-17-734-302	Kunta Akhileshwar	P	P	P	P	P	P
37	1604-17-734-304	Syed Munawwar Ali	P	P	P	P	P	P
38	1604-17-734-305	Shaik Shoaib	A	A	A	A	A	A
39	1604-17-734-306	Syed Samiuddin Ahmed	P	P	P	P	P	P
40	1604-17-734-308	Talha Athar	P	P	P	P	P	P
41	1604-17-734-309	Shaik Shakeer	P	P	P	P	P	P
42	1604-17-734-310	Md. Sameer	P	P	P	P	P	P
43	1604-17-734-311	Meer Inthiyaz Ali	P	P	P	Ab	Ab	Ab
44	1604-17-734-312	Mohammed Maqsooduddin	P	P	P	P	P	P
45	1604-16-734-038	Haseeb Hussain Mohammed	P	A	P	P	P	P
46	1604-16-734-061	B. Sidhanth	P	P	P	P	P	P
47	1604-16-734-303	Adil Ahmed	P	P	A	P	P	P
48	1604-15-734-015	Mohammed Obaid	P	P	P	P	P	P
49	1604-15-734-042	Mohammed Abdur Raheem	Ab	P	P	P	Ab	Ab
50	1604-14-734-041	S. Sambuddho	P	P	P	P	P	P



Coordinator  
Dr. Mohd. Abdul Muqeet  
Associate Professor, EED




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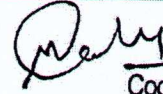
# B.E EIE VII Semester

S.No.	ROLL No.	STUDENTS NAME	20/07 / 2020	21/07 / 2020	22/07 / 2020	23/07 / 2020	24/07 / 2020	25/07 / 2020
1	1604-17-739-001	Ms. Zeba Urooj	P	P	P	P	P	P
2	1604-17-739-002	Ms. Syeda Fatima	P	P	P	P	P	P
3	1604-17-739-003	Ms. Mohammed Farheen Sultana	P	P	P	P	P	P
4	1604-17-739-005	Ms.Marsha Majid Hussain	P	P	P	P	P	P
5	1604-17-739-006	Ms. Shagufta Rehman	P	P	P	AB	P	P
6	1604-17-739-007	Ms. Amtul Hafsa	P	P	P	P	P	P
7	1604-17-739-009	Maslehuddin Siddiqui	P	P	P	P	P	P
8	1604-17-739-010	Mohammad Arbaz Pasha	P	P	P	P	P	P
9	1604-17-739-012	Mohd. Wasiuddin	P	P	P	P	P	P
10	1604-17-739-019	Shaik Abdul Shareef	P	P	P	P	P	P
11	1604-17-739-021	Abdul Muqeet	P	P	P	P	P	P
12	1604-17-739-022	C.M.Suhail Ahmed	P	P	P	AB	P	P
13	1604-17-739-023	Mohammed Asif Ali	P	P	P	P	P	P
14	1604-17-739-024	Mir Mohiuddin Ali Khan	P	P	P	P	P	P
15	1604-17-739-026	Syed Anas Ahmed	P	P	P	AB	P	P
16	1604-17-739-028	Ishran Ali Mohiuddin Shaik	P	P	AB	P	P	P
17	1604-17-739-031	Ms. SyedaAmatul Hussain IzzathUnissa	AB	P	P	P	P	P
18	1604-17-739-032	Ms. Mubeen Fatima	P	P	P	P	P	AB
19	1604-17-739-033	Ms.Sameera Amani Farooqui	P	P	P	AB	P	P
20	1604-17-739-034	Ms. Syeda Zainab Mujeeb	P	P	P	P	P	P
21	1604-17-739-035	Ms.Rubeena Begum	P	P	P	P	P	P
22	1604-17-739-036	Ms. Ayesha Zareen	P	P	P	AB	P	P
23	1604-17-739-038	Gulam Mutakabir Qureshi	P	P	P	P	P	P
24	1604-17-739-042	Karrar Nawaz Khan	P	P	P	P	P	P
25	1604-17-739-048	Shaik Faiz Ahmed	P	P	P	P	P	P
26	1604-17-739-050	Jassim Abdul Rahman	P	AB	P	P	P	P
27	1604-17-739-301	Ms.Suhana	P	P	AB	P	P	P
28	1604-17-739-302	Mohd. Ahad Ali Khan	P	P	P	P	P	P
29	1604-17-739-303	Ms.C. Keerthana	P	P	P	AB	P	P
30	1604-17-739-304	S. Pavan	P	P	P	P	P	P
31	1604-17-739-305	Ms. P. Swapna	P	P	P	P	P	P
32	1604-17-739-306	Sriramoju Dileep	P	P	P	P	P	P
33	1604-17-739-307	Ms. Chunarkar Priya	P	P	P	P	P	P
34	1604-17-739-308	G. Venkanna	P	P	P	P	P	P
35	1604-16-739-022	Mohammed Asad Hussain	P	P	P	P	P	P

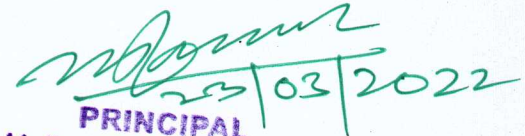
  
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36	1604-16-739-028	Syed Abdul Rahman	P	P	P	P	P	P
37	1604-16-739-035	Mohd. Salman Ahmed	P	P	P	P	P	P
38	1604-16-739-039	Mohammed Tajjamul Hasan	A	A	A	A	A	A
39	1604-16-739-042	Adeeb Arsalan	P	P	P	P	P	P
40	1604-16-739-043	Syed Hamed Ali Sufi	P	P	P	P	P	P
41	1604-15-739-019	P. Rahul	P	P	P	P	P	P
42	1604-15-739-021	Rayyan Zaki Ahmed	P	P	P	P	P	P
43	1604-15-739-033	Md. Wahaj Ahmed	P	P	P	Ab	Ab	Ab
44	1604-15-739-035	Syed Ali MazherAbidi	P	P	P	P	P	P
45	1604-15-739-036	Mohammed Abdul Quavi	P	A	P	P	P	P
46	1604-15-739-042	Abdul Hannan Abdul Matheen	P	P	P	P	P	P
47	1604-15-739-057	Mohammed Zahed Habeeb	P	P	A	P	P	P
48	1604-15-739-303	Sonu Khan	P	P	P	P	P	P
49	1604-14-739-015	Mohd. Abdul Raza A. Mustafa	Ab	P	P	P	Ab	Ab
50	1604-14-739-022	Atif Raziuddin	P	P	P	P	P	P
51	1604-14-739-033	Md. Riyazuddin	P	P	P	Ab	Ab	Ab
52	1604-14-739-040	Mohd. Towseef	P	P	P	P	P	P



Coordinator  
Dr. Mohd. Abdul Muqet  
Associate Professor, EED



**PRINCIPAL**  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034, A.P





**MUFFAKHAM JAH**  
**COLLEGE OF ENGINEERING & TECHNOLOGY**  
(Established by Sultan-UI-Uloom Education Society in 1980)  
(Approved by AICTE and Accredited by NBA)

**ONLINE WORKSHOP**  
**ON**  
**SKILL DEVELOPMENT COURSE**  
**"INTRODUCTION TO ARTIFICIAL INTELLIGENCE"**

**Feedback Form**

1. How do you rate the course content?  
☒ (a) Very good (b) Good (c) Satisfactory
2. How do you rate the keynote lecture?  
☒ (a) Very good (b) Good (c) Satisfactory
3. Were the lectures interesting and understandable?  
(a) None (b) Few ☒ (c) All
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them ☒ All of them
5. How was the hospitality during the course?  
☒ (a) Very Good (b) Good (c) Satisfactory
6. Do you have any prior experience in working with LabView AI Software? Yes / No ☒
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future

Nil

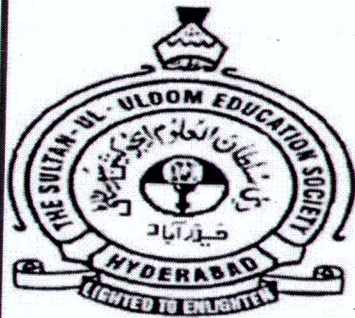
*[Signature]*  
22/03/2022

**PRINCIPAL**

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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A P

*[Signature]*  
Name and Sign  
Sohail Ahmed





# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

(THE SULTAN-UL-ULOOM EDUCATION SOCIETY)

Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

### *Certificate of Participation*

*This is to certify that Dr. /Mr./Ms Ms. Zeba Urooj of B.E EIE VII Semester has participated in One Week Skill Development Course on topic "Introduction to Artificial Intelligence", during 20-25 July, 2020, organized by Electrical Engineering Department.*

**Coordinator**

**Dr. Mohd. Abdul Muqeet**

**PRINCIPAL**

Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

**Convener**

**Dr. Mohammed Haseeb Khan**





# MUFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

( THE SULTAN UL ULOOM EDUCATION SOCIETY )

Affiliated to Osmania University & Recognised by AICTE

Banjara Hills, Hyderabad 500 034

### Electrical Engineering Department

#### Organizes One Week Online

#### SKILL DEVELOPMENT COURSE

#### INTRODUCTION TO ELECTRICAL VEHICLES

**COORDINATOR/SPEAKER**

**DURATION: ONE WEEK**

**MRS. AJAZ FATIMA, ASSOCIATE** 24/08/2020 TO 29/08/2020

**PROFESSOR, EED, MJET**

**TIME: 10:00 AM TO 3:00 PM**

**PRINCIPAL**

Muftakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

*MJAF*  
23/03/2022



Lateef Mohammed Khan Sahab  
UES  
r Javeed Sahab  
ecretary, SUES  
r Ahmed  
n-Director, MJCET

amjad Haseeb Khan, Head, EED, MJCET

TOR  
ima, Assoc. Professor, EED, MJCET

NATORS  
ed Imran, Asst. Professor, EED,  
ryam, Asst. Professor, EED, MJCET

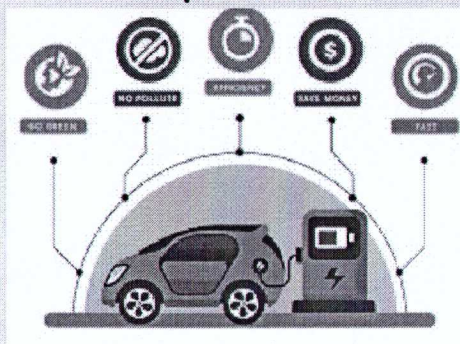
OMMITTEE  
ue Jafari, Dean Academics, MJCET  
erhathullah Hussainy, Dean  
on, MJCET

G COMMITTEE  
a Manohar, Professor, EED, MJCET  
al, Assoc. Professor, EED, MJCET  
ul Muqet. Assoc. Professor, EED, MJCET  
eer, Professor, EED, MJCET  
ul Muqet, Assoc. Professor, EED,  
ima, Assoc. Professor, EED, MJCET  
idhar, Assoc. Professor, EED, MJCET  
shna, Asst. Professor (S/G), EED, MJCET  
gum, Asst. Professor (S/G), EED, MJCET  
lah, Asst. Professor, EED, MJCET  
ohammed, Asst. Professor, EED, MJCET  
ir Quadri, Asst. Professor, EED, MJCET  
da Mubeen, Asst. Professor, EED, MJCET  
en Bano, Asst. Professor, EED, MJCET  
ed Imran, Asst. Professor, EED, MJCET  
h Sk., Asst. Professor, EED, MJCET  
st. Professor, EED, MJCET  
imed, Asst. Professor, EED, MJCET

One Week  
Online Workshop  
on

***Skill Development Course:  
Introduction to Electrical  
Vehicles  
(24-08-2020 to 29-08-2020)***

Organized by:  
Electrical Engineering  
Department



**MUFFAKHAM JAH COLLEGE OF  
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TECHNOLOGY**

( Approved by AICTE & Affiliated to O.U )  
Road No.3, Banjara Hills, Hyderabad-  
500034

Website: [www.mjcollege.ac.in](http://www.mjcollege.ac.in)

*Handwritten signature and date: 24/03/2022*

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HYDERABAD - 500 034. A.P

**M JAH**  
**& TECHNOLOGY**  
( EDUCATION SOCIETY )  
Recognised by AICTE  
500 034

**Department**  
**Online**  
**COURSE**  
**ELECTRICAL VEHICLES**

**DURATION: ONE WEEK**  
**2020 TO 29/08/2020**  
**10:00 AM TO 3:00 PM**



## MJCET

Muffakham Jah College of Engineering and Technology (MJCET) was established in the year 1980 by Sultan-UI-Uloom Education Society (SUES). Today, it is a premier institute, offering BE Courses in 8 Branches (Civil, ECE, CSE, IT, EEE, EIE, Mechanical & Production) and PG Courses M.Tech. (CSE), M.E (CAD/CAM), M.E. (Structural Engineering), M.E. (Digital Systems), M.E. (Power Electronic Systems). The current intake of all B.E and M.Tech. courses is 780 and 102 respectively. The college is affiliated to Osmania University, Hyderabad and approved by AICTE, New Delhi. Osmania university has approved research centers for Mechanical, ECE, EEE, Civil, and CSE for pursuing Ph.D.

### Vision of the Institution

To be part of universal human quest for development and progress by contributing high caliber, ethical and socially responsible engineers who meet the global challenge of building modern society in harmony with nature.

### Electrical Engineering Department

The Electrical Engineering Department offers two B.E. Programs and one M.E. Program.

- B.E. in Electrical and Electronics Engineering (Intake 60).
- B.E. in Electronics and Instrumentation Engineering (Intake 60).
- M.E. in Power Electronic Systems (Intake 18)

The four year B.E. program in Electronics and Instrumentation Engineering was started in the year 1997 in order to meet the surging industry demand for professionals in the area of automation and Power who could monitor and control automated engineering systems. Subsequently, the program of Electrical and Electronics Engineering was introduced in 2002 and Masters Program in Power Electronic Systems was introduced in 2013. The research center was established in 2017.

### Department Vision

- To produce proficient engineers who illuminate the nation, drive the industry and innovate in the field of power and automation.

### Department Mission

- Provide futuristic and comprehensive technical education to equip students with core competencies and relevant skill sets through effective teaching learning methods and state of art laboratories thus preparing them for global careers.
- Pursue need based research and provide consultancy and testing services to address contemporary issues in the fields of Electrical and Instrumentation Engineering.

## CORUSE OBJECTIVE

Transport is a fundamental requirement of modern life, but the traditional combustion engine is quickly becoming outdated. Petrol or diesel vehicles are highly polluting and are being quickly replaced by fully electric vehicles. Fully electric vehicles (EV) have zero tailpipe emissions and are much better for the environment. Electric cars are 100% eco-friendly as they run on electrically powered engines. It does not emit toxic gases or smoke in the environment as it runs on a clean energy source. They are even better than hybrid cars as hybrids running on gas produce emissions. This course will explain the concepts and topics for Electrical Vehicles.

### COURSE OUTLINE

- Familiarize with the internal combustion engines and electric power trains.
- Performance calculations. How to select the rating of the motors and how to select the rating of batteries.
- Understanding of various subsystems of Electric vehicles.
- Acquaintance with the various drive cycles.
- Understand the effect of the drive cycle on the performance of the electric vehicle.
- Introduction to different types of motors used in the electric vehicles.
- Overview of various converters used in electric vehicles.
- Designing of the driving range of the vehicle and the BMS of the vehicle
- Understanding about the power electronic converters used in electric vehicles for power transfer and developing the control for the converters.

## IMPORTANT DATES

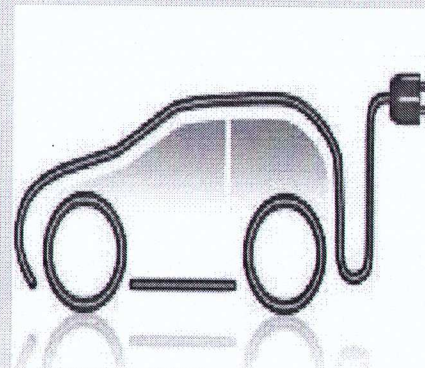
Last Date for Registration: 14, August, 2020  
Participation confirmation E-mail : 16 August, 2020.

## RESOURCE PERSONS

Mr. Mohammed Sajid, Asst. Professor,  
Electrical Engineering Department, MJCET.

## REGISTRATION DETAILS

There is no Registration Fees for this Course



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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 19/08/2020


From,  
Head of Department,  
Electrical Engineering Department,

To,  
Mrs. Ajaz Fatima,  
Associate Professor, EED

Sub: Conduct a skill development Course on "Introduction on Electric Vehicles"- Regarding


It is to inform you that "Introduction on Electric Vehicles", is an essential skill development program for the students. You are requested to design the syllabus and organize the course to EIE students. You are also requested to inform the undersigned the date and schedule.

Thanking You,

  
Dr. Mohammed Haseeb Khan

Head, EED

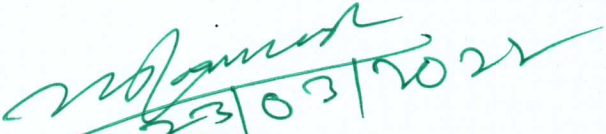
**Professor & Head**  
Electrical Engineering Department  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155

  
**PRINCIPAL**  
Muffakham Jah College Of  
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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P



### **Syllabus: Skill Development Course on Introduction to Electric Vehicles.**

- Familiarize with the internal combustion engines and electric power trains.
- Performance calculations. How to select the rating of the motors and how to select the rating of batteries.
- Understanding of various subsystems of Electric vehicles.
- Acquaintance with the various drive cycles.
- Understand the effect of the drive cycle on the performance of the electric vehicle.
- Introduction to different types of motors used in the electric vehicles.
- Overview of various converters used in electric vehicles.
- Designing of the driving range of the vehicle and the BMS of the vehicle
- Understanding about the power electronic convertors used in electric vehicles for power transfer and developing the control for the convertors.

  
5/3/2022

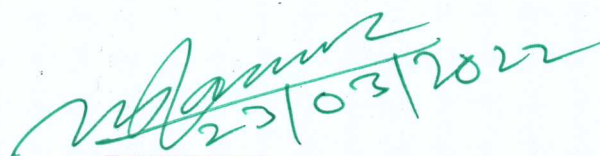
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### Skill Development Course: Introduction to Electric Vehicles Schedule

Date and Day	Session Timings (10AM-3PM)
Day1 : 24/08/2020	Familiarize with the internal combustion engines and electric power trains.
Day2 : 25/08/2020	Performance calculations. How to select the rating of the motors and how to select the rating of batteries. Understanding of various subsystems of Electric vehicles.
Day3 : 26/08/2020	Acquaintance with the various drive cycles. Understand the effect of the drive cycle on the performance of the electric vehicle.
Day4 : 27/08/2020	Introduction to different types of motors used in the electric vehicles. Overview of various converters used in electric vehicles
Day5 : 28/08/2020	Designing of the driving range of the vehicle and the BMS of the vehicle.
Day6 : 29/08/2020	Understanding about the power electronic convertors used in electric vehicles for power transfer and developing the control for the convertors.



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**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Date: 22/08/2020

**Circular**

**Skill Development Course: "Introduction to Electric vehicles"**

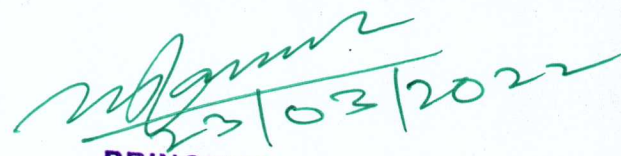
All students of BE V and VII Semester EIE students are hereby informed that the Electrical Engineering Department is organizing a value added course on "Introduction to Electric vehicles". The classes for the above said course are commencing from 24/08/2020 to 29/08/2020. All the interested students and faculty are requested to register themselves latest by 23/08/2020.



Dr. Mohammed Haseeb Khan

Head, EED

**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-166,

  
23/08/2022

**PRINCIPAL**

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



Date: 21/08/2020

To,  
Advisor-Cum-Director  
MJCET,  
Banjara Hills, Hyderabad

Sub: Permission to conduct skill development Course on "Introduction to Electric vehicles"  
Regarding.

Sir,

I am pleased to inform you that a skill development course on "Introduction to Electric vehicles", dated 24<sup>th</sup> Aug 2020 – 29<sup>th</sup>, Aug 2020 has been planned by Electrical Engineering department for the students and faculty.

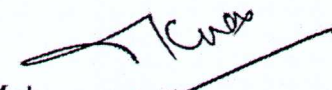
**Schedule:**

<b>Date</b>	<b>24/08/2020 to 29/08/2020</b>
<b>Syllabus</b>	Familiarize with the internal combustion engines and electric power trains. Performance calculations. How to select the rating of the motors and how to select the rating of batteries. Understanding of various subsystems of Electric vehicles. Acquaintance with the various drive cycles. Understand the effect of the drive cycle on the performance of the electric vehicle. Introduction to different types of motors used in the electric vehicles. Overview of various converters used in electric vehicles. Designing of the driving range of the vehicle and the BMS of the vehicle Understanding about the power electronic convertors used in electric vehicles for power transfer and developing the control for the convertors.
<b>Resource Person</b>	Mrs. Ajaz Fatima, Associate Professor, EED
<b>Participants</b>	B.E. EIE V, VII Semester students & faculty

So, I request you to grant the permission to conduct the above said course.

Thanking You,

  
**PRINCIPAL**  
Muffakham Jah College Of  
Engineering & Technology,  
Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

  
Dr. Mohammed Haseeb Khan  
Head, EED  
**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-155.

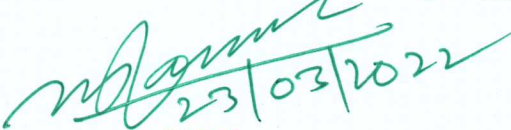


**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

1. Title of the Activity: One week Online Workshop on "Introduction to Electric vehicles"
2. Program Type: Workshop
3. Dates: 24<sup>th</sup> to 29<sup>th</sup> Aug, 2020
4. Number of Students Participated: 140
5. Number of Faculty Participated: -09
6. Number of External Participants: NIL
7. Objective: To provide opportunity for the students of B.E, EIE to get the exposure on electric vehicles, Battery management system overview and understanding the various subsystems of electric vehicles.
8. Benefits in terms of Learning/skill/Knowledge obtained: Get exposure to the concept of Electrical Vehicles.
9. Faculty Coordinator: Mrs. Ajaz Fatima, Associate Professor, EED
10. Student Coordinator if any : - Ms. Insha Ambreen, C.M.Suhail Ahmed
11. Photographs :02
12. Resource Person : Mrs. Ajaz Fatima, Associate Professor, EED
13. Consolidate Report


The Head, EED, Dr. Mohammed Haseeb Khan explained the importance of electric vehicles and the need to provide awareness of the same. Later the workshop was started by the resource person Mrs. Ajaz Fatima, Associate Professor, EED. The workshop gave the students an insight into the policies and the subsidies provided by the Indian govt. The different components of the electrical vehicle were discussed.

The biggest advantage of an electric vehicle is its green credential. Electric cars are 100 percent eco-friendly as they run on electrically powered engines. It does not emit toxic gases or smoke in the environment as it runs on a clean energy source. They are even better than hybrid cars as hybrids running on gas produce emissions. A brief about the latest converter technologies and battery management system was also discussed.

  
23/03/2022

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HYDERABAD - 500 034. A.P.





# MUFFAKHAM JAH

## COLLEGE OF ENGINEERING & TECHNOLOGY

BANGARAHILL, HYDERABAD - 500 034, A.P.

Established in 1983, the college has a long tradition of excellence in education.

### Organizes One Week Online

### SKILL DEVELOPMENT COURSE

### INTRODUCTION TO ELECTRICAL VEHICLES

**COORDINATOR/SPEAKER**

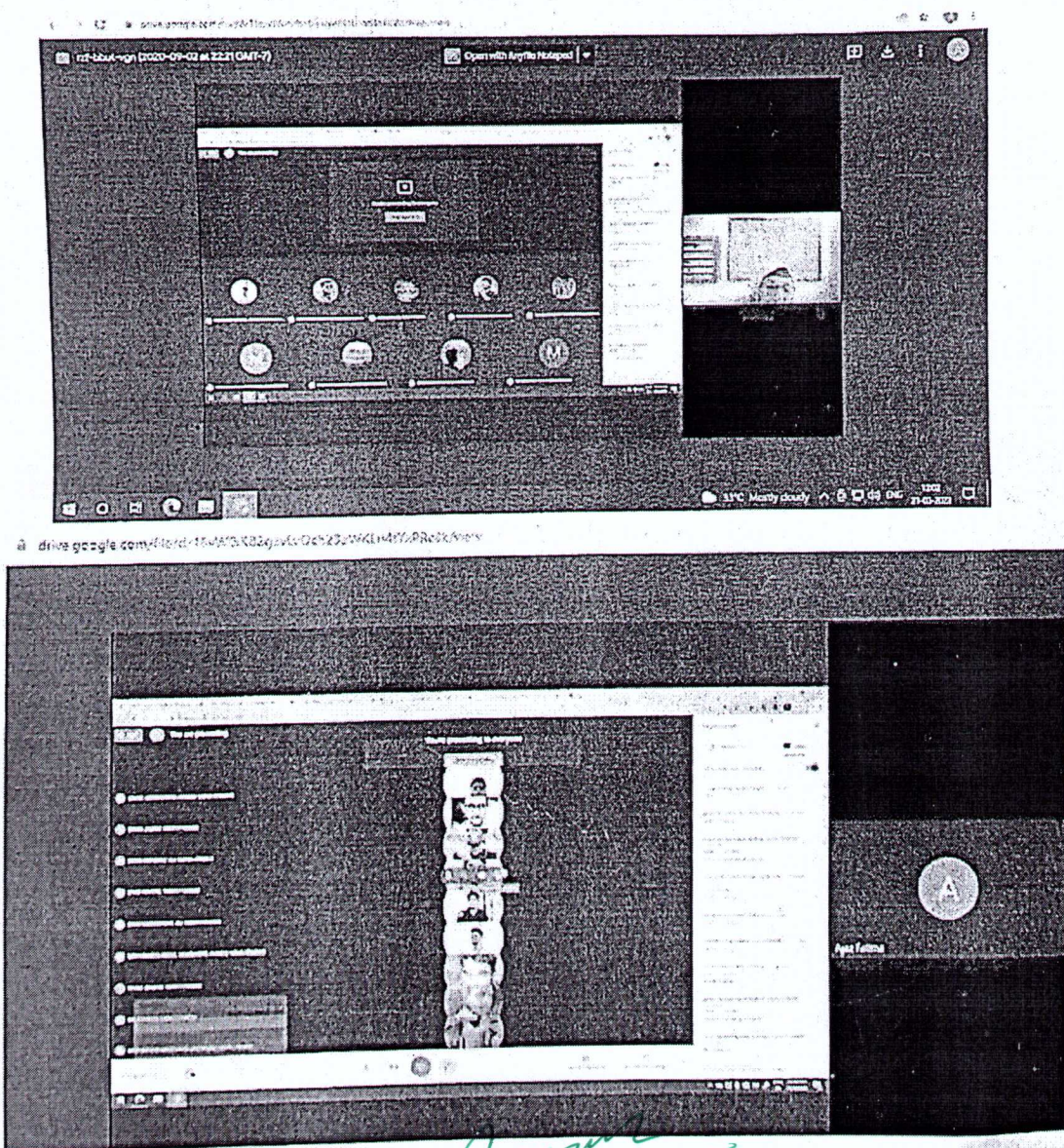
**MRS. AJAZ FATIMA, ASSOCIATE**

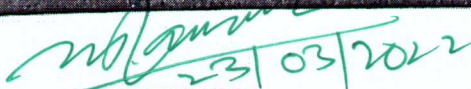
**PROFESSOR, EED, MDJET**

**DURATION: ONE WEEK**

**24/08/2020 TO 29/08/2020**

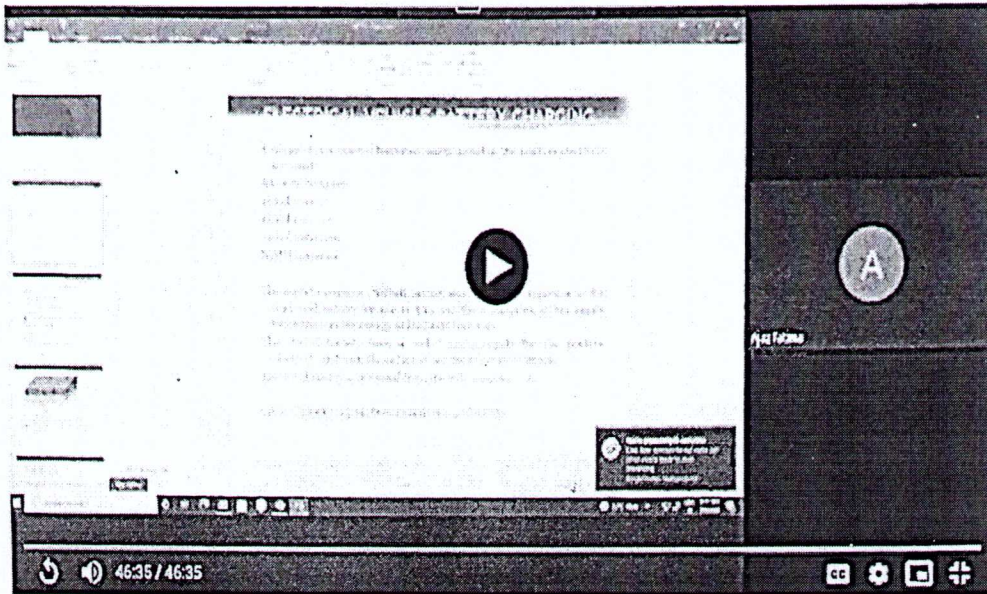
**TIME: 10:00 AM TO 3:00 PM**



  
 23/03/2022

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*M. J. Khan*  
23/03/2012  
**PRINCIPAL**  
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Banjara Hills, Road No.3,  
HYDERABAD - 500 034. A.P

*M. J. Khan*  
Dr. Mohammed Haseeb Khan  
Head, EED and Convener  
**Professor & Head**  
Electrical Engineering Department,  
M.J. College of Engg. & Tech.,  
Rd. No. 3, Banjara Hills, Hyd.-165.



**MUFFKAHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY**  
**ELECTRICAL ENGINEERING DEPARTMENT**

Attendance Sheet for "Introduction on Electric vehicles"

**B.E EIE V-SEMESTER**

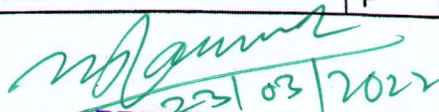
S.No.	ROLL No.	STUDENTS NAME	24/0 8/20 20	25/0 8/20 20	26/0 8/20 20	27/0 8/20 20	28/0 8/20 20	29/0 8/20 20
1	1604-18-739-001	Ms.Neda Fatima	P	P	P	P	P	P
2	1604-18-739-002	Ms.Saba Mubeen Fatima	P	P	P	P	P	P
3	1604-18-739-003	Ms.Muskaan Gujrati	P	P	P	P	P	P
4	1604-18-739-004	Ms. Muskaan Yousuf	P	P	P	P	P	P
5	1604-18-739-005	Ms.Minhaj Fatima	P	P	P	AB	P	P
6	1604-18-739-006	Ms.Mariyam Fatima	P	P	P	P	P	P
7	1604-18-739-007	Ms.Abeer Moeed	P	P	P	P	P	P
8	1604-18-739-008	Ms.Ruba Begum	P	P	P	P	P	P
9	1604-18-739-009	Ms.Insha Amreen	P	P	P	P	P	P
10	1604-18-739-010	B.Chaitanya Roy	P	P	P	P	P	P
11	1604-18-739-011	Shaik Mohamed Anas	P	P	P	P	P	P
12	1604-18-739-012	Mohammed Abdul Younus	P	P	P	AB	P	P
13	1604-18-739-013	Mohammed Abdul Muqtader	P	P	P	P	P	P
14	1604-18-739-014	Mohammed Nazimuddin	P	P	P	P	P	P
15	1604-18-739-015	Mohammed Abdul Naafay Shareef	P	P	P	AB	P	P
16	1604-18-739-016	Syed Rohid	P	P	AB	P	P	P
17	1604-18-739-017	Syed Nabeel Ahmed	AB	P	P	P	P	P
18	1604-18-739-018	Ahmed Usama	P	P	P	P	P	AB
19	1604-18-739-019	Mohammed Shamsuddin Faraz	P	P	P	AB	P	P
20	1604-18-739-020	Md Vaseem	P	P	P	P	P	P
21	1604-18-739-021	Mohd Salman Khan	P	P	P	P	P	P
22	1604-18-739-022	Mohammed Zubair	P	P	P	AB	P	P
23	1604-18-739-023	Aftab Ali	P	P	P	P	P	P
24	1604-18-739-024	Mohammed Abdul Rauf	P	P	P	P	P	P
25	1604-18-739-026	Syed Abbas	P	P	P	P	P	P
26	1604-18-739-027	Mohammed Saif Ali	P	AB	P	P	P	P
27	1604-18-739-028	Ms. P. Alekya	P	P	AB	P	P	P
28	1604-18-739-029	Ms. Hana Riaz	P	P	P	P	P	P
29	1604-18-739-030	Ms. Rida Fatima Khan	P	P	P	AB	P	P
30	1604-18-739-031	Ms.Ayesha Thabassum Ara	P	P	P	P	P	P
31	1604-18-739-032	Ms. Ayesha Juveria	P	P	P	P	P	P

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32	1604-18-739-033	Ms.Amtul Moiz	P	P	P	P	P	P
33	1604-18-739-034	Ms. Sara Waheed	P	P	P	P	P	P
34	1604-18-739-035	Mohammed Faqaruddin	P	P	P	P	P	P
35	1604-18-739-036	Mohammed Salahuddin	P	P	P	P	P	P
36	1604-18-739-037	Ausaf Ahmed	P	P	P	AB	P	P
37	1604-18-739-038	Qizer ul Hassan	P	P	AB	P	P	P
38	1604-18-739-039	Syed Ismail Ahmed	AB	P	P	P	P	P
39	1604-18-739-040	Ahmed Uzair Hussain	P	P	P	P	P	AB
40	1604-18-739-043	Syed Shoaib Akhter	P	P	P	AB	P	P
41	1604-18-739-044	Mohammed Viquaas	P	P	P	P	P	P
42	1604-18-739-045	Mohammed Kashif Shaheem	P	P	P	P	P	P
43	1604-18-739-046	Syed Atyab Shah	P	P	P	AB	P	P
44	1604-18-739-047	Md Habeeb Ahmed	P	P	P	P	P	P
45	1604-18-739-048	Mohd Owais Khan	P	P	P	P	P	P
46	1604-18-739-049	Mohammed Adeeb Omer	P	P	P	P	P	P
47	1604-18-739-051	Mohd Ashfaq	P	AB	P	P	P	P
48	1604-18-739-052	Mohammed Abdul Bari	P	P	AB	P	P	P
49	1604-18-739-053	Mohammed Abdul Aziz	P	P	P	P	P	P
50	1604-18-739-054	Mohd Idris Faheem	P	P	P	AB	P	P
51	1604-18-739-055	Syed Reyan Ahmed	P	P	P	P	P	P
52	1604-18-739-056	Syed Misbahuddin	P	P	P	P	P	P
53	1604-18-739-057	Abdulla Shoukat Ali	P	P	P	P	P	P
54	1604-18-739-058	Syed Raziuddin	P	P	P	P	P	P
55	1604-18-739-059	Mohd. Afnaan Ahmed	P	P	P	P	P	P
56	1604-18-739-060	Mohd. Yousuf uddin	P	P	P	P	P	P
57	1604-18-739-301	N. Vamsi Krishna	P	P	P	AB	P	P
58	1604-18-739-302	Mohammed Abdul Waseem	P	P	AB	P	P	P
59	1604-18-739-303	Mohammed Muzammil Ali	AB	P	P	P	P	P
60	1604-18-739-304	Mohammad Sohail Pasha	P	P	P	P	P	AB
61	1604-18-739-305	D. Adithya	P	P	P	AB	P	P
62	1604-18-739-306	Shabaz Khan	P	P	P	P	P	P
63	1604-17-739-011	M. Venkatasai Ashwinmitra	P	P	P	P	P	P
64	1604-17-739-016	Mohammd Zain Ur Rahman	P	P	P	P	P	P
65	1604-17-739-017	Mohammed Ismail	P	P	P	P	P	P
66	1604-17-739-018	Mohammed Jawad Mujeeb	P	P	P	P	P	P
67	1604-17-739-020	Mohammad Abdul Rafey Sultan	P	P	P	P	P	P
68	1604-17-739-025	Mohammed Saadullah	P	AB	P	P	P	P
69	1604-17-739-041	Syed Taher	P	P	AB	P	P	P

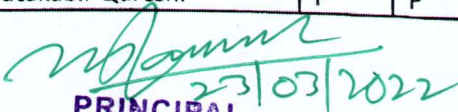
  
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70	1604-17-739-043	Mohammed Mubasheeruddin	P	P	P	P	P	P
71	1604-17-739-044	Shaik Wajid	P	P	P	AB	P	P
72	1604-17-739-045	Shaik Ameer Sohail	P	P	P	P	P	P
73	1604-17-739-046	Ahmed Uzair	P	AB	P	P	P	P
74	1604-17-739-047	Syed Mukheed	P	P	AB	P	P	P
75	1604-17-739-049	Mohammed Abdul Qadeer	P	P	P	P	P	P
76	1604-17-739-052	Mohammed Shoaib	P	P	P	AB	P	P
77	1604-16-739-013	Ms. Husna Rafeeq	A	A	A	A	A	A
78	1604-16-739-014	Ms. Sameena Khan Neha Khan	A	A	A	A	A	A

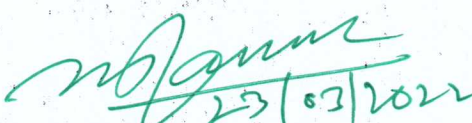
### B.E EIE VII Semester


S.No.	ROLL No.	STUDENTS NAME	24/0 8/20 20	25/0 8/20 20	26/0 8/20 20	27/0 8/20 20	28/0 8/20 20	29/0 8/20 20
1	1604-17-739-001	Ms. Zeba Urooj	P	P	P	P	P	P
2	1604-17-739-002	Ms. Syeda Fatima	P	P	P	P	P	P
3	1604-17-739-003	Ms. Mohammed Farheen Sultana	P	P	P	P	P	P
4	1604-17-739-005	Ms. Marsha Majid Hussain	P	P	P	P	P	P
5	1604-17-739-006	Ms. Shagufta Rehman	P	P	P	AB	P	P
6	1604-17-739-007	Ms. Amtul Hafsa	P	P	P	P	P	P
7	1604-17-739-009	Maslehuddin Siddiqui	P	P	P	P	P	P
8	1604-17-739-010	Mohammad Arbaz Pasha	P	P	P	P	P	P
9	1604-17-739-012	Mohd. Wasiuddin	P	P	P	P	P	P
10	1604-17-739-019	Shaik Abdul Shareef	P	P	P	P	P	P
11	1604-17-739-021	Abdul Muqeeet	P	P	P	P	P	P
12	1604-17-739-022	C.M. Suhail Ahmed	P	P	P	AB	P	P
13	1604-17-739-023	Mohammed Asif Ali	P	P	P	P	P	P
14	1604-17-739-024	Mir Mohiuddin Ali Khan	P	P	P	P	P	P
15	1604-17-739-026	Syed Anas Ahmed	P	P	P	AB	P	P
16	1604-17-739-028	Ishran Ali Mohiuddin Shaik	P	P	AB	P	P	P
17	1604-17-739-031	Ms. Syeda Amatul Hussain Izzath Unissa	AB	P	P	P	P	P
18	1604-17-739-032	Ms. Mubeen Fatima	P	P	P	P	P	AB
19	1604-17-739-033	Ms. Sameera Amani Farooqui	P	P	P	AB	P	P
20	1604-17-739-034	Ms. Syeda Zainab Mujeeb	P	P	P	P	P	P
21	1604-17-739-035	Ms. Rubeena Begum	P	P	P	P	P	P
22	1604-17-739-036	Ms. Ayesha Zareen	P	P	P	AB	P	P
23	1604-17-739-038	Gulam Mutakabir Qureshi	P	P	P	P	P	P

  
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24	1604-17-739-042	Karrar Nawaz Khan	P	P	P	P	P	P
25	1604-17-739-048	Shaik Faiz Ahmed	P	P	P	P	P	P
26	1604-17-739-050	Jassim Abdul Rahman	P	AB	P	P	P	P
27	1604-17-739-301	Ms.Suhana	P	P	AB	P	P	P
28	1604-17-739-302	Mohd. Ahad Ali Khan	P	P	P	P	P	P
29	1604-17-739-303	Ms.C. Keerthana	P	P	P	AB	P	P
30	1604-17-739-304	S. Pavan	P	P	P	P	P	P
31	1604-17-739-305	Ms. P. Swapna	P	P	P	P	P	P
32	1604-17-739-306	Sriramoju Dileep	P	P	P	P	P	P
33	1604-17-739-307	Ms. Chunarkar Priya	P	P	P	P	P	P
34	1604-17-739-308	G. Venkanna	P	P	P	P	P	P
35	1604-16-739-022	Mohammed Asad Hussain	P	P	P	P	P	P
36	1604-16-739-028	Syed Abdul Rahman	P	P	P	P	P	P
37	1604-16-739-035	Mohd. Salman Ahmed	P	P	P	P	P	P
38	1604-16-739-039	Mohammed Tajjamul Hasan	A	A	A	A	A	A
39	1604-16-739-042	Adeeb Arsalan	P	P	P	P	P	P
40	1604-16-739-043	Syed Hamed Ali Sufi	P	P	P	P	P	P
41	1604-15-739-019	P. Rahul	P	P	P	P	P	P
42	1604-15-739-021	Rayyan Zaki Ahmed	P	P	P	P	P	P
43	1604-15-739-033	Md. Wahaj Ahmed	P	P	P	Ab	Ab	Ab
44	1604-15-739-035	Syed Ali Mazher Abidi	P	P	P	P	P	P
45	1604-15-739-036	Mohammed Abdul Quavi	P	A	P	P	P	P
46	1604-15-739-042	Abdul Hannan Abdul Matheen	P	P	P	P	P	P
47	1604-15-739-057	Mohammed Zahed Habeeb	P	P	A	P	P	P
48	1604-15-739-303	Sonu Khan	P	P	P	P	P	P
49	1604-14-739-015	Mohd. Abdul Raza A. Mustafa	Ab	P	P	P	Ab	Ab
50	1604-14-739-022	Atif Raziuddin	P	A	P	P	P	P
51	1604-14-739-033	Md. Riyazuddin	P	A	P	P	P	P
52	1604-14-739-040	Mohd. Towseef	P	A	P	P	P	P

  
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 Coordinator  
 Mrs. Ajaz Fatima  
 Associate Professor, EED






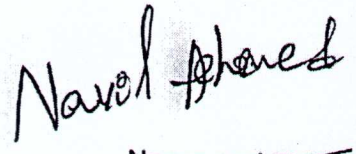
**MUFFAKHAM JAH**  
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**Online Workshop**  
**on**  
**Skill Development Course**  
**("Introduction on Electric vehicles)**  
**Feedback Form**

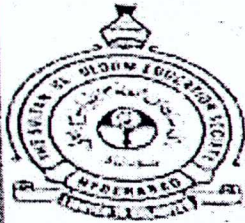
1. How do you rate the course content?  
(a) Very ☒ good (b) Good (c) Satisfactory
2. How do you rate the keynote lecture?  
(a) Very ☒ good (b) Good (c) Satisfactory
3. Were the lectures interesting and understandable?  
(a) None (b) Few (c) All ☒
4. Did the experts effectively encourage interaction during the session?  
(a) None of them (b) Few of them (c) All of them ☒
5. How was the hospitality during the course?  
(a) Very Good ☒ (b) Good (c) Satisfactory
6. Do you have any Experience in working with Electrical Vehicles?  
Yes / No ☒
7. Please indicate, if you have suggestions to improve the conduct of similar courses in future

NIL

  
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Name and Sign  
Syed Nabil Ahmed





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Affiliated to Osmania University & Recognized by AICTE  
Banjara Hills, Road No. 3, Hyderabad 500 034.

**Certificate of Participation**

This is to certify that Ms. Abeer Moeed of B.E EIE V Semester has participated in One Week Skill Development Course on topic "Introduction on Electric vehicles", during 24-08-2020 to 29-08-2020, organized by Electrical Engineering Department.

Coordinator  
Mrs. Ajaz Fatima

HoD & Convener  
Dr. Mohammed Haseeb Khan

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