



Mohd Moin
Cell No: +91 9700465001
Email: hazamoin@gmail.com

Career Objective:

Exceptionally motivated and certified Electrical Engineer having great desire to be a part of organization to implement my technical knowledge and extensive internship experience. Seeking an Entry level career opportunity to continue developing professional skills, build positive relationships with my colleagues and also to contribute towards the growth of the organization.

Education:

<i>Degree</i>	<i>College/University</i>	<i>Specialization</i>	<i>YEAR OF PASS</i>	<i>Percentage</i>
<i>Bachelor of Engineering</i>	<i>Muffakham Jah College of Engineering and Technology, Osmania University.</i>	<i>Electrical and Electronics Engineering</i>	<i>2019</i>	<i>83</i>
<i>Diploma</i>	<i>Jawaharlal Nehru govt. polytechnic, SBTET</i>	<i>Electrical and Electronics Engineering</i>	<i>2016</i>	<i>86</i>
<i>SSC</i>	<i>Kilpatrik mission high school</i>	<i>-</i>	<i>2013</i>	<i>9.2</i>

Technical Experience/Projects:

1. Advanced solar power plant design training:

Organization: Steinbeis Academy for Advanced Technology Training & Entrepreneurship, India.

Duration= 02 months

9 june 2019

Responsibilities:

- *Performing preliminary electrical load calculations of proposed system.*
- *Site survey, System sizing, financial analysis and optimization of power plant.*
- *Preparing BOQ/BOM and Project Proposals.*

Skills acquired:

- *Sizing of inverters, solar PV panels, and batteries.*
- *Selection of inverter, batteries, cables and solar PV modules.*
- *Net metering, operation, and maintenance of power plant*

2. Internship at Research Centre Imarat, DRDO.

Project Title= INS of AGNI-III,AGNI-IV and PRITHVI-II

Organization= Research centre Imarat , DRDO , INDIA

Designation= CALIBRATION EXPERT

Duration= 06 months

Responsibilities:

- *Initialisation of calibration setup of different rate axis tables.*

- Installation of INS device on testing table.
- Use of Computer Commands for testing.
- Comparing of test results with presets values.

3. Advanced power electronic design training

Organization: Advance training institute, India.

Duration= 01 week

Skills acquired:

- Selection of proper thyristors on application based
- Designing of converters, choppers, inverters
- Fault testing and repairing ability
- Simulation of innovative ideas

4. Projects:

Project title: speed control of dc motor using thyristor.

The versatile control characteristics of DC motor have contributed in the extensive use of DC motor in the industry. With the increasing use of power semiconductor units, the speed control of DC motor is increasingly getting sophisticated and precise. Speed of the DC motor is controlled by controlling the armature voltage. Armature voltage is controlled using different single phase AC/DC converter

Project title: Wireless transmission of solar energy

Designed and implemented the project based on creating a wireless charging zone using solar energy as a source to energize AC & DC loads. Used research-based knowledge and research methods including design of experiments, analysis, and interpretation of data, and synthesis of the information to provide valid conclusions.

Project title: IR sensor based car parking

The IR sensor will detect the obstacle with in 100cm, if there is any obstacle it will sense and give information to the tone detector which will enable the LM555 timer to generate a PWM for the buzzer. The LM555 will generate the pulse which helps to buzz the buzzer so driver can understand that there is an obstacle.

Project title: Hybrid Off Grid Solar UPS Using Arduino UNO

This project utilizes the idea of Hybrid Off Grid Solar UPS design where the load is supplied with power supply from different sources like AC mains, inverter and generator by prioritizing the supply by using switching mechanism to trigger different relays. On the other hand, the battery is charged through the main power supply or through the solar power.

Extracurricular activities & Honors:

- Participated in hardware modelling in ADSOPHOS 2017.
- Attended technical event on the "earthing and protection from electric shock" at IEEE mjcet.
- Won 1st prize in electro-con quiz event.

Personal details:

Date of Birth: 31 october 1997

Address: Hyderabad-500064

Nationality: Indian

Languages Known:

Languages	Read	Write	Speak
English, Hindi, Urdu	Yes	Yes	Yes
Arabic	Yes	Yes	No

CERTIFICATES:

WORK EXPERIENCE:6MONTHS



GOVERNMENT OF INDIA
RESEARCH CENTRE IMARAT
DRDO, Ministry of Defence
Vignyanakancha P.O
HYDERABAD - 500 069

Tel: 040 - 24306124/24307000
Fax: 040 - 24306626

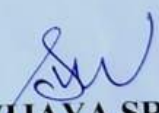
RCI/DNEC/PROJ/16/01

17 May 2016

CERTIFICATE

This is to certify that **Mr. MOHD. MOIN** (Pin No. 13002-EE-014), student from **JAWAHARLAL NEHRU GOVT. POLYTECHNIC, Hyderabad** have successfully completed his Industrial Training in partial fulfillment of the degree Diploma in Electrical & Electronics on “**INS RELATED CARDS TESTING AND CABLE ASSEMBLY**” from 01st December 2015 to 09th May 2016 at **DIRECTORATE OF NAVIGATION & EMBEDDED COMPUTERS, Research Centre Imarat**. His performance was good and I wish him success for future endeavors.




(M. VIJAYA SREE)
TO 'D'
DNEC-RCI

एम. विजयश्री/M. VIJAYASREE
तकनीकी अधिकारी 'डी' / Technical Officer 'D'
अनुसंधान केन्द्र इमारत/Research Centre Imarat
डी आर सी ओ, रक्षा मंत्रालय, भारत सरकार
DRDO, Min. of Defence Govt. of India
हैदराबाद/Hyderabad-500 069.

SOLAR POWER INDUSTRIAL TRAINING



POWER SEMICONDUCTOR DEVICES PRACTICE:



सत्यमेव जयते

SI No: 44146

GOVERNMENT OF INDIA
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP
DIRECTORATE GENERAL OF TRAINING
ADVANCED TRAINING INSTITUTE
FOR
ELECTRONICS AND PROCESS INSTRUMENTATION
RAMANTHAPUR, HYDERABAD-500 013 (TELANGANA)

Certificate

This certificate is awarded to Shri/Smt./Kumari
MOHD MOIN S/W/D/o Shri MOHD SALEEM for having
successfully completed **ONE WEEK** course on
**"POWER ELECTRONIC DEVICES AND
APPLICATIONS"** conducted by this Institute from **19.06.2017**
to **23.06.2017**.

His/Her performance during the course was found to be
GOOD.



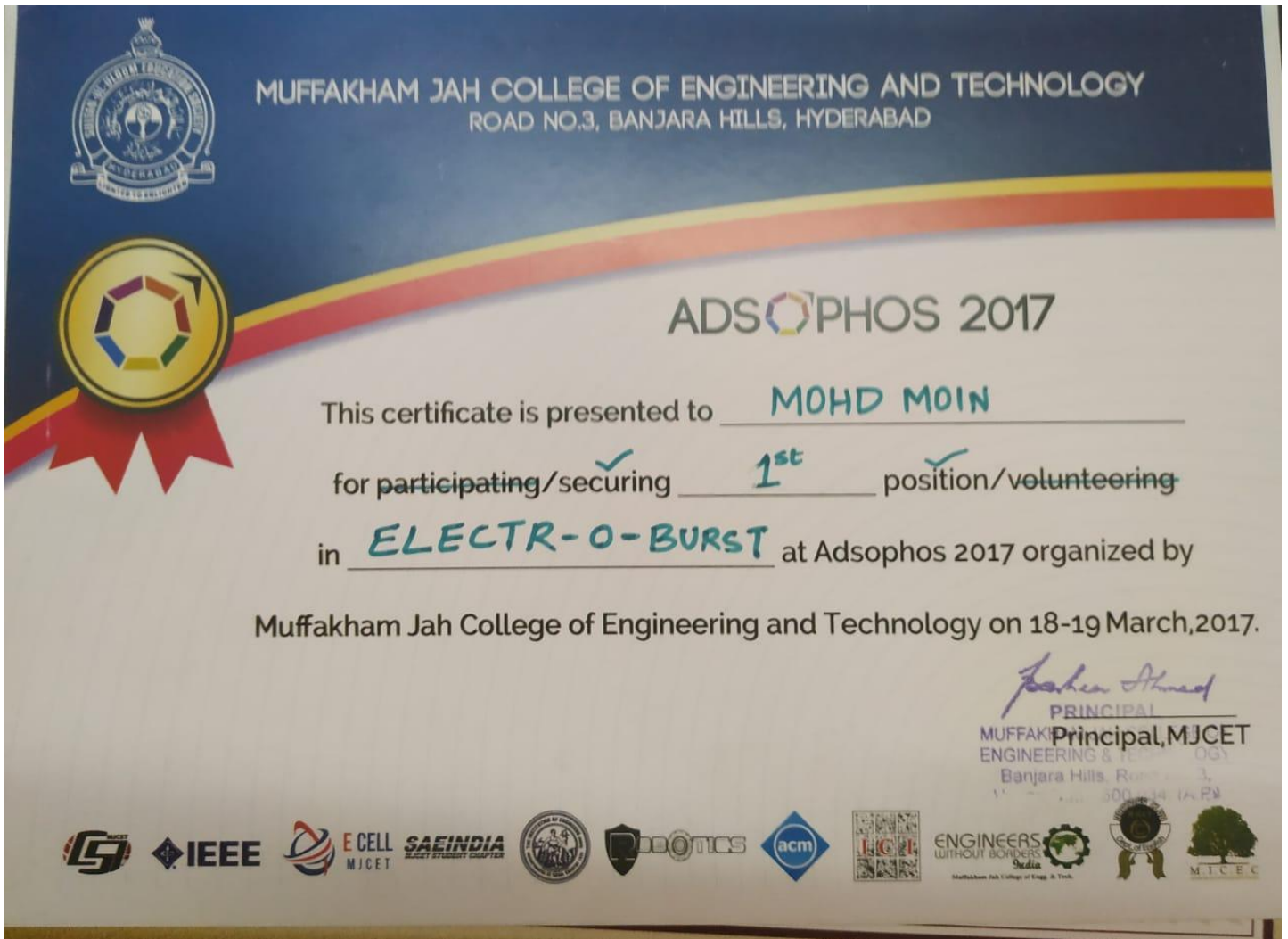

DIRECTOR

DIRECTOR
ATI-EPI

Ramanthapur, Hyderabad - 13

Date: 23.06.2017

COLLEGE EVENTS



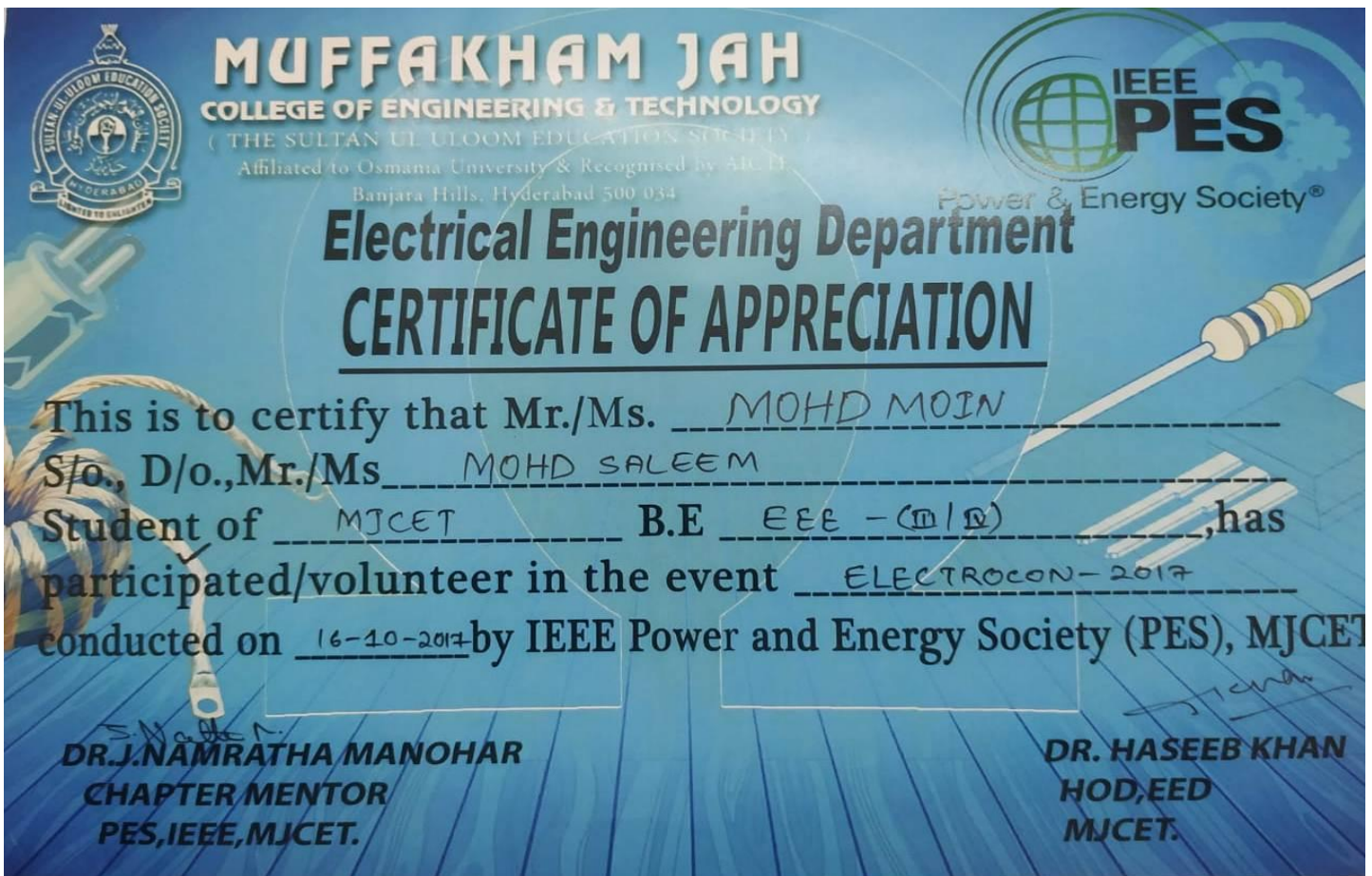
MUFFAKHAM JAH COLLEGE OF ENGINEERING AND TECHNOLOGY
ROAD NO.3, BANJARA HILLS, HYDERABAD

ADSOPHOS 2017

This certificate is presented to MOHD MOIN
for participating/securing 1st position/volunteering
in ELECTR-O-BURST at Adsophos 2017 organized by
Muffakham Jah College of Engineering and Technology on 18-19 March, 2017.

Fahim Ahmed
PRINCIPAL
MUFFAKHAM JAH COLLEGE OF ENGINEERING & TECHNOLOGY
Banjara Hills, Road No. 3,
Hyderabad - 500 034 (A.P.)

Logos: IGC, IEEE, E CELL MJCET, SAEINDIA, Robotics, acm, IETE, ENGINEERS WITHOUT BORDERS India, MICEC



MUFFAKHAM JAH
COLLEGE OF ENGINEERING & TECHNOLOGY
(THE SULTAN UL ULOOM EDUCATION SOCIETY)
Affiliated to Osmania University & Recognised by AICTE
Banjara Hills, Hyderabad 500 034

IEEE PES
Power & Energy Society®

Electrical Engineering Department
CERTIFICATE OF APPRECIATION

This is to certify that Mr./Ms. MOHD MOIN
S/o., D/o., Mr./Ms MOHD SALEEM
Student of MJCET B.E EEE - (M/D), has
participated/volunteer in the event ELECTROCON-2017
conducted on 16-10-2017 by IEEE Power and Energy Society (PES), MJCET

J. Namratha Manohar
DR. J. NAMRATHA MANOHAR
CHAPTER MENTOR
PES, IEEE, MJCET.

Haseeb Khan
DR. HASEEB KHAN
HOD, EED
MJCET.