

MUHAMMAD USMAN MASOOD

Nationality: PAKISTANI

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QUALIFICATION:

2014-2018 – **Graduation**, Bachelors of Engineering in Electrical Engineering -BE, Pakistan Navy Engineering College (NUST) – Karachi – Pakistan -- **CGPA_3.40**

2014 – Intermediate, FSc Pre Engineering – Army Burn Hall College for Boys, Abbottabad – Pakistan.

2012 – Matriculation, Army Burn Hall College for Boys, Abbottabad, Pakistan.

FORTE:

- MATLAB
- MICROSOFT OFFICE
- PROTEUS & MULTISIM
- POWER WORLD SIMULATOR
- KICAD

PROFESSIONAL EXPOSURE:

- **SIX WEEKS INTERNSHIP** AT PAKISTAN ORDNANCE FACTORIES (POF), HAVELIAN CANTONMENT (2016)
- **FOUR WEEKS INTERNSHIP** AT ATLAS HONDA LIMITED, KARACHI (2017)

ACADEMIC PROJECTS AND RESEARCH UNDERTAKEN:

- MANUFACTURING OF LINE FOLLOWING ROBOT USING ARDUINO.
- DESIGNING INDUCTION MOTOR, SYNCHRONOUS GENERATOR, PMDC MOTOR, TRANSFORMERS AND INTEGRATING ALL THESE ELEMENTS TO MAKE A SMALL PROTOTYPE OF GENERATING STATION
- DEVELOPED CIRCUIT DESIGN INCLUDING WIRING AND VALUES OF ALL POWER SUPPLIES FOR A HOME
- INTRODUCED SENSORS AND DEVELOPED CIRCUIT DESIGN INCLUDING WIRING OF FORMULA STUDENT CAR (**NFST**)
- CARRIED OUT DATA ACQUISITION OF MOTEC (ECU) AND TUNED THE CAR ACCORDINGLY (**NFST**)
- HIGH SPEED PWM BASED SINE WAVE INVERTER (**FYP**)

WORKSHOPS:

- IMECH WORKSHOP ON ROBOTICS (**BOT MANIA ADVANCED LEVEL 1**)
- PCB DESIGNING WORKSHOP CONDUCTED BY IEEE

ORGANIZATIONS/SOCIETIES:

- TEAM MEMBER (ELECTRICAL LEAD) - **NUST FORMULA STUDENT TEAM**
- PRESIDENT-**ENGLISH LITERARY SOCIETY**
- DEPUTY DIRECTOR PUBLICATIONS –**MUNINP**
- DEPUTY DIRECTOR COMMUNICATIONS – **IEEE**

PERSONAL DETAILS:

Father's Name	:	M. Masood ul Hassan	Gender / Sex:	Male	Religion:	Islam
Nationality	:	Pakistani	Date of Birth:	Oct 18th, 1995	Marital Status:	Single
Mailing Address	:	House C-12 POF Estate Havelian Cantt District Abbottabad				

Hobbies & Interests:

Acquaintance with latest arising technologies.

NB: Reference & Hardcopy of Original Documents can be furnished upon request.