

Noman Hanifa

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EDUCATIONAL QUALIFICATION

DEGREE	YEAR	UNIVERSITY/SCHOOL	PERCENTAGE
Bachelor of Engineering (Electrical Engineering)	2018	St. Vincent Pallotti college of engineering/RTM Nagpur University, Nagpur.	80.54% CGPA-9.27/10 University Rank-5
Higher secondary education (12 th std.)	2014	Wisdom Public School, Aligarh.	77%
Secondary education (10 th std.)	2011	St. Thomas Inter college, Shahganj, Jaunpur.	79%, Rank-6 in school

AREA OF INTEREST

Project management, Technical policy regulation, Product analysis & Sustainable systems.

ACADEMIC PROJECT & INTERNSHIP

Research Project:

- **Generation of AC power from solar cells:** Supervisor- Dr. (Mrs.) J.P Rothe, Associate professor (jrothe@stvincentngp.edu.in), Electrical Engineering Department, **SVPCET**, Nagpur [2017-18]

A theoretical model was developed which predicts the Generation of AC power from solar cells without use of inverter however there are challenges over its power quality. To improve power quality and efficiency major change in design has been proposed which will be helpful to overcome practical difficulties.

This project was judged 1st prize at All India Seminar on Green Energy and Smart Grid challenge conducted by Institution of engineers (India), Nagpur & IEEE, Nagpur Sub Section. [2018]

Internship:

- **Premier Tech Chronos-Faridabad**, Delhi NCR: Guide-Mr. Nurul Islam, Senior Engineer, (isln@premiertech.com) [2017]

This industrial training helped me to understand the concept of electrical drives and their control, basics of industrial automation and clear understanding of electrical Machines drawing and its control.

INDUSTRIAL EXPERIENCE IN GAS AUTHORITY OF INDIA (GAIL) LIMITED.

- Graduate Apprentice (Electrical): **GAIL rooftop solar power plant (5.76MW)** [Dec '18 – June '19]
Routine check of plant capacity utilization percentage and performance, Inverter tripping, fault in solar strings, CO2 reduction monitoring.
Assignments: calculation and analysis of capacity utilization and performance of plant (weekly/monthly), Generation analysis of plant & forecasting.
- Graduate Apprentice: **Electrical Workshop** [July '19 – Dec'19]
Activities Monitored: Transformer testing, Motor overhauling & repairing, Monitoring of LT motors, Instrument check.
Assignments: Analysis of possible faults in 3-phase motor installed in plant.

SCHOLASTIC ACHIEVEMENTS

YEAR	AWARD/COMPETITION	RANK	ORGANIZATION
April'19	Academic Excellence Award	University rank-5	St. Vincent Pallotti college of Engg. Nagpur.
March'18	All India seminar on green energy and smart grid challenge	1 st winner [Project category]	The institution of engineers (India), Nagpur local Centre in association with IEEE (Nagpur sub-section).
Feb'18	Techno-dox, AXIS'18.	1st winner [Paper Presn.]	Visvesvaraya National Institute of technology, Nagpur.
Jan'18	Academic Excellence Award	College Rank-1 [3rd, 4th & 6th Semester]	St. Vincent Pallotti college of Engineering, Nagpur

SKILLS

Programming Languages/ Software Skills: C, MATLAB, and AUTOCAD Electrical.

PRESENTATIONS

- Hanifa, Noman, 2015. "Microwave and radar technology". Presented at St. Vincent Pallotti College of engineering.
- Hanifa, Noman, 2018. "Generation of AC power from solar cells". Presented at Visvesverya National Institute of technology.

PATENT

[Rothe J.P, Kalamkar Nilay, Hanifa Noman, Maurya Rajkumar, Singh Rohit, Shende Roshani, Tarsekar Trupti] [2018.] [Improved generation AC from solar cells by eliminating shadowing effect.] [Indian Patent 201821014419] Filed [April 11, 2018.] Patent Pending.

COMMUNITY SERVICE

- Volunteer: **Saksham**, Gas authority of India Limited (GAIL), Pata [Feb'19]
Activities: Campaigned in villages around GAIL plant for energy saving awareness, Presentations through skit and posters in schools on energy saving.
- Student Leader: **Indian Student Parliament**, MIT School of Government, Pune [Jan'18]
Represented college as a student leader in student parliament, discussed solutions for various social problems of India.
- Team Leader: **Transform Maharashtra**, Mumbai [May'17]
Led a six-member team to submit a draft on eradication of poverty in competition by government of Maharashtra province. These solutions were discussed with the panel.

EXTRA CIRRICULAR ACTIVITY

- **Yashvantrao Chavan College of Engineering, Nagpur:** Won Consolation Prize for best Orator in the year 2018.
- **St. Vincent Pallotti College of engineering, Nagpur:** Responsibility for organizing various departmental festivals (Inventomania & Technico-entrevista) in the year 2016 & 2018.

REFERENCES

- Academic: Dr. J.P Rothe (jrothe@stvincentngp.edu.in), Associate Professor, Electrical Engineering Department, **SVPCET, Nagpur**
- Academic: Dr. Nitin Dhote (hodee@stvincentngp.edu.in), Associate Professor, Electrical Engineering Department, **SVPCET, Nagpur**
- Academic: Mr. Dushyant Khadse (dkhadse@stvincentngp.edu.in), Assistant Professor, Electrical Engineering Department, **SVPCET, Nagpur**



गेल (इंडिया) लिमिटेड

(भारत सरकार का उपक्रम - एक महारत्न कंपनी)

GAIL (India) Limited

(A Government of India Undertaking - A Maharatna Company)

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No. GAIL/PATA/HR /APP/2019-20

Dated: 05.12.2019

CERTIFICATE OF APPRENTICESHIP TRAINING

This is to certify that **Shri NOMAN ABU HANIFA**, Enrolment No. **NUPG011180500010** has undergone Apprenticeship training under the provisions of Apprentices (Amendment) Act 2014 and Apprenticeship (Amendment) Rules 2015 at GAIL (India) Limited, PATA as per following details:

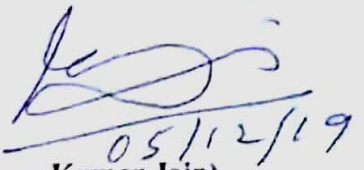
Type of Apprentice : Graduate Engineering
Discipline : Electrical Engg.
Training Period : 05-12-2018 to 04-12-2019
Contract Regn. No. : NUPGP18011000065

During the Apprenticeship Training he was associated with Solar Power Plant & Electrical Dept., GAIL (India) Ltd, PATA, Auraiya (U.P.) and was imparted on-the-job training.

His performance and conduct was very good during the training period.

We wish him success in his career and future endeavors.

This certificate is being issued after execution of Apprenticeship **Contract Regn. No. NUPGP18011000065** approved by **Board of Apprenticeship Training - Northern Region (BOAT-NR)**, Kanpur.


(Praveen Kumar Jain)
DGM(Training & DCS)

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