

NOORANI TEMBHEKAR

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PROFILE

Well-organised and resourceful postgraduate with strong experience in engineering mechanical design, research and development and event management. My attention to detail and analytical skills are strong and I am target driven and results focused. A highly motivated team player, keen to take on new challenges, I am looking for a position as Sustainability Associate, MRV Team at Hummingbird Technologies Ltd that can help me focus my energy and enthusiasm in the world of science.

KEY SKILLS

- Technical Software:
Basics of MATLAB, Solidworks, Ansys, Pro-E, Citrix, Auto CAD
- Project Planning
- Research and Development skills
- Event management
- Interviewing
- Teamworking
- Communication & Presentation
- Critical Thinking
- Leadership

WORK EXPERIENCE

Fluor Corporation (India), Associate Design Engineer

July 2018 – July 2021

My job roles and responsibilities were as follows:

- Drafting and designing the process & instrumentation diagrams on the assigned 2D/3D software.
- Managing, delegating and delivering the output on-time.
- Extracting process & instrumentation diagram reports, back-drafting and checking before further submitting.
- Coordination with counterpart offices in Farnborough and Atyrau.
- Resolving site data queries.
- Engaging in weekly meetings with the department to promote quality and integrity with healthy and safe environment.

Other activities:

- Assist and involve with the 'Innovation Catalyst Team', New Delhi.
- Curated and managed various events like Business Transformation and Innovation Event, Knowember, Engineering week, 'Joy of Giving' Week.
- Member of 'Graduate Advancing to Professionals' community.

EDUCATION

Durham University, MSc New and Renewable Energy (Expected Grades: Distinction)

Sept 2021 – Sept 2022

Notable Modules:

- Smart Energy Network
- Decarbonisation of Heating and Cooling
- Electrical Energy Conversion
- Future Vehicle
- Renewable Energy Technologies
- Environmental Engineering

Indira Gandhi Delhi Technical University, B.Tech Mechanical and Automation Engineering

Aug 2014 – May 2018

Grades: First Degree Honours

Notable Modules:

- Theory of Machines
- Automobile Engineering
- Strength of Material
- Mechatronics
- Manufacturing Engineering
- Computer Aided Design / Manufacturing
- Fluid Mechanics

PROJECTS & EVENTS

TECHNICAL

- SAE Super Mileage, Michigan, USA (2015-16)
An international competition hosted annually by SAE International with the aim of designing and building fuel efficient prototype vehicle powered by internal combustion engine.
 - Head Chassis, Ergonomics and Bodyworks
 - Team Panthera – Official Supermileage Team of IGDTUW won ‘Best Overall Team Attitude Award’ with a cash prize of USD 100 and secured 7th rank in Design Round.
- Shell Eco Marathon, ASIA– (2015) an international competition organised by Shell Co. held in Philippines with the aim of designing and building highly fuel-efficient prototype vehicle powered by various energy categories.

NON-TECHNICAL

- ET Auto Retail Forum’17, Conference and exclusive workshop designed for automobile dealers, attended as a delegate at Hyatt Regency.
- A World In Motion, Competition powered by SAE and Maruti Suzuki, volunteered as a mentor to one of the teams participating.
- Social Media team, Leaders for Tomorrow (NGO).
- Sponsorship team, TAARANGANA, Annual Cultural Blast of Indira Gandhi Delhi Technical University.
- Event Management and Sponsorship team, XEBEC, Annual Technical Fest of Indira Gandhi Delhi Technical University.

PAPER & PUBLICATION

‘Analysis of Critical Parameters to Increase Mileage of Super Mileage Vehicle’

Status: Published at 1st International Conference on New Frontiers in Engineering, Science and Technology, India

INTERNSHIP / TRAINING

Solid State Physics Laboratory, Defence Research and Development Organisation (India)

June 2017 - July 2017

Worked on a summer project ‘To study the principal and working of a J.T cooler used for cryo-cooling of an IR detector’.
Learned how DIWAR works and basics of Cryology.

Department: Device Packaging

Tata Motors Ltd (India)

June 2016 - July 2016

Worked as an intern on a summer project ‘How to improve kmpl in Tata commercial trucks’.
Experienced shop floor work in Tata Sales and Services and learned how the Sales and Marketing functions in the corporate environment.

Department: Sales and Marketing

ACHIEVEMENTS

- Awarded with the ‘Certification of Recognition’ in Fluor Daniel Pvt. Ltd.
- Received ‘Outstanding Sports Person’ Award in school (2009-2010)
- Won Table Tennis Championships at District and State level, singles and doubles.
- Highest scorer award in Biology in SSC
- Trained in Bharatanatyam, Indian classical dance form, 5 years.
- House Captain Batch in class 12th.