



● ABOUT ME

I am a nanotechnology engineer with a background in mechanical engineering. My interest and expertise lie in utilizing nanotechnology for mechanical and electronic applications, such as sensors and actuators.

● EDUCATION AND TRAINING

03/09/2018 – 18/07/2024 Rome

INDUSTRIAL NANOTECHNOLOGY ENGINEERING Sapienza University of Rome

Website <https://www.uniroma1.it/it/pagina-strutturale/home> | **Level in EQF** EQF level 6

03/06/2009 – 29/06/2013 Nawabshah, Pakistan

MECHANICAL ENGINEERING Quaid-E-Awam University of Engineering Science and Technology Nawabshah

Website <https://www.quest.edu.pk/> | **Level in EQF** EQF level 6

● WORK EXPERIENCE

09/05/2015 – 13/06/2016 Shekhupura, Pakistan

MECHANICS ENGINEER RUPALI LIMITED SHEKHUPURA

To check daily general and shift log books.
To generate schedule for preventive and corrective maintenance work and Daily target sheets for supervisors.
Coordination meeting with Process manager, Engineers and Supervisors.
To generate machines faulty positions and abnormality reports with their reasons and maintain their record.
To manage the resources for proper use and to prepare purchase indents for spare parts.

● LANGUAGE SKILLS

Mother tongue(s): **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	B2	B2	B2	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● COMMUNICATION AND INTERPERSONAL SKILLS

Active learner and Listener

Write here the description...Skilled in coordinating effectively with teams across various levels, from process managers to engineers and supervisors, ensuring seamless daily operations. Proficient in preparing and sharing key updates, such as shift log summaries, maintenance schedules, and fault reports, enabling clear communication of machine statuses and maintenance needs. Capable of managing resources efficiently, collaborating to optimize spare parts procurement, and maintaining organized records to support decision-making and operational continuity.

● PUBLICATIONS

2023

Dye adsorbed few-layer thick Ti₃C₂T_x-MXenes for direct electrochemical detection of CD44 proteins

Write here the description...

Electroanalysis, 35(10), p.e202300091.

2023

Natural oxidation of Ti₃C₂T_x to construct efficient TiO₂/Ti₃C₂T_x photoactive heterojunctions for advanced photoelectrochemical biosensing of folate-expressing cancer cells

Analytica Chimica Acta Volume 1251, 22 April 2023, 341016

2022

Robust Electrochemical Sensors for Detection of Isoprenaline Using Hexagonal Co₃O₄ Nanoplates Embedded in Few-Layer Ti₃C₂T_x Nanosheets

ACS Applied Nano Materials, 5(8), pp.11352-11360.

2022

Ni Nanoparticles Embedded Ti₃C₂T_x-MXene Nanoarchitectures for Electrochemical Sensing of Methylmalonic Acid

Biosensors. 2022 Apr 10;12(4):231.