

KIRAN SHANKAR MAJI

MECHANICAL ENGINEER

CONTACT

+91-7407368936

majikiranshankar@gmail.com

majiengr

Mugkalyan, Howrah, West Bengal,
711312

SOFT SKILLS

Leadership

Problem-solving

Adaptability

Teamwork

Creativity

HARD SKILLS

Microsoft Office

Autodesk AutoCAD Mechanical

ANSYS Fluent

SimScale

Tecplot.360

CERTIFICATIONS

Refrigeration & Air Conditioning

Fundamentals of Compressible Flow

Microfluidics & Nanofluidics

LANGUAGES

Bengali

English

Hindi

ABOUT

Enthusiastic and detail-oriented thermal engineering graduate with a strong academic foundation in heat transfer, thermodynamics, and fluid mechanics. Proficient in tools like ANSYS Fluent, SimScale and skilled in thermal analysis, system modeling, and problem-solving. Passionate about leveraging engineering knowledge to develop innovative and energy-efficient thermal management solutions. Eager to apply technical expertise and a commitment to learning in a dynamic engineering environment to contribute to impactful projects and continuous professional growth.

EDUCATIONS

Masters of Technology in Thermal Engineering

National Institute of Technology Kurukshetra, Thanesar, Haryana

2024-2026

Bachelor of Technology in Mechanical Engineering

College of Engineering & Management, Kolaghat affiliated with Maulana Abul Kalam Azad University of Technology

2020-2023

Diploma in Mechanical Engineering

Ramakrishna Mission Shilpamandira, Belurmath affiliated with West Bengal State Council of Technical & Vocational Education and Skill Development

2016-2019

INTERSHIPS

Internship on Heat Transfer Enhancement

Online Internship Programme for Under Graduate, Indian Institute of Technology, Indore

PROJECTS

Numerical Study of Heat Transfer Enhancement by Using Al₂O₃/Water & CuO/Water on Circular Jet Impingement

Final Project of Bachelor of Technology degree in Mechanical Engineering

Design & Fabrication of Protected Type Flanged Coupling, Cotter Joint & Chain

Final Project of Diploma in Mechanical Engineering

PUBLICATIONS

Numerical investigation of heat transfer enhancement of impinging circular jets using Al₂O₃-water and CuO-water nanofluids

INCOM24: 2nd International Conference on Mechanical Engineering
Jadavpur University, Kolkata, India. January 5 & 6, 2024