Kishan Chaubey
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EDUCATION

- **Madan Mohan Malaviya University of Technology, Gorakhpur, U.P. -273010** *2027*
  B. Tech. (Mechanical Engineering) CGPA:8.83
- **Dr. Amrit Lal Ishrat Memorial Sunbeam School Chaubeypur, Varanasi, U.P. -221104** *2023*
  Central Board of Secondary Education, New Delhi Percentage: 94.8
- **Dr. Amrit Lal Ishrat Memorial Sunbeam School Chaubeypur, Varanasi, U.P. -221104** *2021*
  Central Board of Secondary Education, New Delhi Percentage: 94.4

EXPERIENCE

- **Indian Institute of Technology(BHU), Varanasi** *May 2025- June 2025*
  Internship Varanasi
  - Assembled and operated on UNIMAT CNC kit (CNC lathe. 3axis vertical CNC, 4 axis CNC)
  - Worked under Production Engineering lab and Machine Shop
- **National Institute of Technology , Hamirpur** *June 2025-July 2025*
  Internship Hamirpur
  - Worked on writing summary report for MAT influence on Industry 4.0
  - Employed skills for performing Multi-Criteria Decision-Making Approach

PROJECTS

- ***Industry 4.0 Technologies Analysis Using Multi-Criteria Decision-Making*** *May 2025-July 2025*
  Studied the role of key technologies such as IoT. Cyber-Physical Systems, AI, Big Data, and Digital
  - Tools Used: - ***AHP, DEMATEL, Fuzzy TOPSIS***
  - Studied weight distribution to understand mass concentration and its impact on balance.
  - Analyzed the application of Multi-Criteria Decision-Making (MCDM) methods including AHP, DEMATEL, and F-TOPSIS for technology evaluation conducted force analysis to evaluate mechanical loads acting on the camshaft.
  - Developed understanding of criteria weighting, cause-effect relationships, and technology ranking in manufacturing system.
- ***Design and Structural Analysis (SolidWorks & Ansys)*** *November 2026-January 2026*
  Design, ***Analysis*** *and* ***ANSYS Report*** *of Camshaft model in SolidWorks considering geometric and dimensional constraints*
  - Tools and Technologies Used :- SolidWorks and Ansys
  - Studied weight distribution to understand mass concentration and its impact on balance.
  - Conducted force analysis to evaluate mechanical loads acting on the camshaft.
  - Gained ***Camshaft*** practical exposure to CAD-based mechanical design and analysis workflow.

TECHNICAL SKILLS and INTERESTS

CAD: AutoCAD (2D Drafting), SolidWorks (3D & Parametric Modelling), GD&T, Engineering Drawing
CAE: SolidWorks Simulation, ANSYS Structural, Workbench
Manufacturing: CNC Machining, Machine Shop Evaluation
Soft Skills: Leadership, Communication Skills
Coursework: Engineering Mechanics, Thermodynamics, Material Science, Production Engineering, Strength of Material, Material Science & Engineering, Inventory Control
Areas of Interest: Material Testing

POSITIONS OF RESPONSIBILITY

- **Chair,** ASME Student Section *2025-26*
- **Executive Member,** University Innovation Cell *2024-25*
- **Volunteer,** NSS MMMUT, Gorakhpur *2023-24*

ACHIEVEMENTS

- **GATE 2026 ME** Qualified with AIR 2522