

URJYANT GAUTAM

Sikandra, Agra

PROFESIONAL SUMMARY

Civil Engineering undergraduate with hands-on experience in design, construction, and project management. Proficient in structural analysis, CAD software, and civil engineering principles. aiming to apply civil engineering expertise in a dynamic role to leverage technical skills in structural design, cost estimation, and sustainable construction practices while contributing to innovative infrastructure projects.

SKILLS

- **Software/Tools:** AutoCAD, STAAD Pro, MS Office.
- **Design & Analysis:** Structural design, Soil testing, Surveying, Construction methods, Hydraulic design.
- **Civil Engineering Instruments Proficiency:** Auto level, Survey compass, Total station, Dumpy level

EXPERIENCE

Drafting & Quantity Calculations for Road and Structural Elements

June 17,-2024-July26, 2024

Internship: National Institute of Technology Arunachal Pradesh

- Conducted a comprehensive analysis of a road stretch using longitudinal survey data.
- Developed a detailed 3D AutoCAD design with precise elevation calculations.
- Performed soil excavation volume calculations and designed a cost-efficient flexible pavement structure, ensuring compliance with budget and project specifications.

AUTOCAD-3D

July 2024- August 2024

Internship

- Gained proficiency in AutoCAD interface and 3D modeling, mastering basic and complex object creation.
- Applied annotation practices and block design for efficient drafting and documentation.
- Delivered a final project optimizing drafting workflows, reducing design time by 15%.

PROJECTS

Minor project I: Road Elevation Survey and AutoCAD Plotting

May 2023- June 2023

- Conducted a 1 km road elevation survey, recording RL readings at 5-meter intervals using an auto level over 100 stations.
- Utilized AutoCAD to plot RL data into a DWG file, enhancing clarity and analysis accuracy.
- Demonstrated effective surveying techniques and AutoCAD skills during faculty presentations.

Minor project II: Wet Mix Macadam and Proctor Compaction Test

October 2024 - December 2024

- Conducted Proctor Compaction Tests to determine optimal moisture content (OMC) and maximum dry density (MDD).
- Prepared and analyzed 5 sample specimens, achieving 80% efficiency in Wet Mix Macadam construction techniques.
- Plotted water content percentage (X-axis) and dry unit density (Y-axis) to determine the OMC and MDD values.
- Presented findings under the guidance of Dr. Jaykesh K., focusing on sustainable construction practices.

EDUCATION

- **Bachelor of technology**
National Institute of Technology, Arunachal Pradesh 3rd Year(6th Sem Present)
- **Higher Secondary School**
Suraj Govind Senior Secondary School Agra -Passed(92.22%)
- **Secondary school**
St Francis Convent School, Sikandra Agra - Passed(87.4%)

CERTIFICATIONS

- AUTOCAD 3D - Internshala

EXTRACURRICULAR ACTIVITIES

- Badminton
- Reading Books and Novels
- Travelling and exploring new cultures
- Canva Designing