

**Anirudh Sharma**

9314, Cheery Hill Road, Apartment 1018, Seven Springs,  
College Park, MD, 20740

[anirudhshrm889@gmail.com](mailto:anirudhshrm889@gmail.com)

2403967470

**Education****University of Maryland College Park**

Masters of Engineering in Project Management

May 2020

**Rajiv Gandhi Prodhdyogiki Vishwavidhyalaya**

Bachelors in Civil Engineering

June 2015

**Relevant Courses**

- |  |                                       |
|--|---------------------------------------|
| 1. Structural Design and Drawing – I and II    | 11. Project risk Management           |
| 2. Construction Planning and Management        | 12. Cost Accounting and Finance       |
| 3. Theory of Structures & Strength of Material | 13. Project Scheduling and Estimation |
| 4. Highway Engineering                         | 14. Sustainability                    |
| 5. Geotech Engineering                         | 15. Project Administration            |
| 6. Water Supply and Waste Water Engineering    | 16. Project Procurement               |
| 7. Transportation / Traffic Engineering        |                                       |
| 8. Fluid Mechanics                             |                                       |
| 9. Cost Engineering and Control                |                                       |
| 10. Legal Aspects of Construction              |                                       |

**Work Experience****Project Engineer (Asnani Developers), Indore, M.P., India**

June 2015- May 2018

- Involved in strategic coordination, planning, control of the project, quantity take off and site supervision resulting in efficient progress and timely completion of project.
- Prepared Bill of tender documents, quantities, drawings and carried out negotiation with vendors and contractors thus optimizing cost and saving company funds. Involved in drawing development, project control, quality control scheduling, rate analysis, and bill checking.
- Involved in decision making and prioritization as per clients and site requirement.
- Analyzed the clients' resources, constraints and deliverables to recommend high level execution plan.
- Providing alternative solutions in planning design and execution methodology to overcome site challenges resulting in on time completion of project.
- Prepared Work Specific Quality Control Plans, Health Safety and Environment documents.
- Involved in day to day Manpower development & productivity management thus optimizing resource allocation and cost saving and performed Estimation and Scheduling of project, especially during change order request.

**Relevant Projects****Earthquake Resistance Building**

- Worked on project to present a detailed worked out example of two - dimensional seismic analysis and strength - based design of four storied-three bay reinforced concrete frame.
- Studied concepts like earthquake fault types, Shallow and deep focus earthquakes, rupture dynamics and earthquake clusters.
- Studied different concepts like repair and reconstruction, seismic strengthening, failure mechanism of earthquakes, foundation and structural safety requirements.
- Worked on zoning concept (method of seismic design, different design philosophy, load combination and general earthquake resistance design principal of IS 1893 :( 2002).
- Presented a detailed worked out example by designing horizontal and vertical members.

**Design of Flexible Pavements**

- Analyzed physical parameters of road (width, thickness) and performed calculation of earthwork by using data of reduced level obtained from Indore Municipal Corporation.
- Analyzed the load calculation to find out the maximum vehicle load coming on the road and designed the payment using MORTH and Indian Standard based on California bearing ratio method.

**Skills**

AutoCAD, MS Project, MS Excel, Primavera P6, MS Word, MS PowerPoint, Risk7, Bluebeam, Procore

