

RESUME

PROFESSIONAL TRAINING

- **Rajkamal Builders Infrastructure Pvt. Ltd., Ahmedabad** (Jan'19 to May'19) ◀
Practical training intern
Duration: 17 Weeks
Project: Construction of 60MLD STP
 - Checking the bar-bending schedule according to drawings provided by client.
 - Checking the quality of concrete using slump cone test and compression test of cubes.
 - Estimation of quantities of materials like concrete, cement, steel, sand, aggregate etc.
 - Assistance in documentation and record maintenance in MS excel.
- **M/s D.H.Patel (Rehabilitation & Upgradation from Ch. 121.500 to Ch. 161.281 of Section of NH-953), Vani** (June'18 to July'18) ◀
Practical training intern
Duration: 4 Weeks
Project: Execution of cement concrete highway work
 - Study of plan, profile and typical cross-section of rigid pavement and culverts.
 - Study of operation of Wirtgen SP-1200 paver machine.
 - Checking the levels of different pavement layers using theodolite and total station.
 - Assistance in performing all the tests of soil, aggregates, cement, etc. in the QC lab.

ACADEMIC PROJECTS

- **Thesis** M.Tech – IV sem (ongoing) ◀
Study of Risk Mitigation Strategies for various Project Delivery Methods for Contracting Firms
- **Integrated Construction Practices** M.Tech – III sem ◀
- Westport Ahmedabad, Ahmedabad
- **Construction Project Execution, Monitoring & Control** M.Tech – II sem ◀
- Indian Institute of Management Ahmedabad (IIMA)- New campus extension
- **Construction Project Appraisal and Formulation** M.Tech – I sem ◀
- Feasibility Study of Surat Multi-modal Transportation Hub(MMTH), Surat
- **Research Project (Published)** B.Tech – VI-VII sem ◀
- Study of Construction, Strength and Permeability of Pervious Concrete Paver Block System
- **Research Project** B.Tech – IV-V sem ◀
- Study of Mechanical Properties of Fiber Reinforced Concrete

EDUCATION

- **Construction Engineering & Management | M.Tech** Ongoing - 2021 ◀
Faculty of Technology, CEPT University, Ahmedabad, Gujarat
CGPA: Upto Sem II – 3.42/5
- **Bachelors in Technology | B.Tech** 2019 ◀
Institute of Technology, Nirma University, Ahmedabad, Gujarat
CPI: 8.35/10 (78.55%)
- **Higher Secondary Education | 12th Grade** 2015 ◀
Shree Vallabh Ashram, Killa pardi, Valsad, Gujarat
SCORE: 467/500 (93.40%)
- **Senior Secondary Education | 10th Grade** 2013 ◀
Shree Vallabh Ashram, Killa pardi, Valsad, Gujarat
CGPA: 9.8/10 (93.10%)

OTHER ACHIEVEMENTS

- Associate Member of Institution of Engineers (IEI, India) 2020 ◀
- Successfully completed *Excel Skills for Business: Essentials* online course by Macquarie University. 2020 ◀
- Successfully completed *Fundamentals of Project Planning and Management* online course by University of Virginia. 2020 ◀
- 1st Position at Annual sports meet - Badminton, Shaurya, IIM Ahmedabad 2018 ◀
- 1st Runners up at Annual sports meet - Badminton, IGNIS, SVNIT, Surat 2015 ◀
- 1st in U-14 IPSC- Badminton tournament at The Lawrence school, Sanawar, HP 2012 ◀

EXPERIENCES AND VOLUNTEERING

- Serving as President of Student Council, Faculty of Technology, CEPT University 2020-21 ◀
- Served as Treasurer for Nirma Sports Association(NSA), Nirma University. 2018-19 ◀
- Served as Captain – Nirma University Badminton team. 2016-19 ◀
- Regular Blood donor - 14 times in last 54 months. 2016-20 ◀



AUM KARKAR

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- 📁 [Portfolio](#)

SOFTWARE SKILLS

Microsoft Project	██████████
Primavera P6	██████████
AutoCAD 2D	██████████
MS Office Suite	██████████
Autodesk Revit	██████████
Navisworks	██████████
Synchro Pro	██████████
BIM 360	██████████

LANGUAGE SKILLS

	Speak	Read	Write
English	✓	✓	✓
Hindi	✓	✓	✓
Gujarati	✓	✓	

ADD-ON SKILLS

- Leadership
- Quick Learner
- Decision Making
- Adaptability