

Er. Manisha Padamprakash Gupta

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A/P- Purjal, Tq. Aundha Nagnath,
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Career Summary

- Hand on experience on Auto CAD 2D, 3D, 3D Max and STADD-PRO with Masters in field of Transportation
- Theory Lectureship on Structures, Estimation and Survey.
- Practical Lectureship on Auto CAD 2D and 3D and Survey.
- Managed inter college activities.
- Career guidance to students.
- Represented department to upper management.
- Exam controller for college appointed by Maharashtra board.
- External Squad appointed by Maharashtra board.

Education

GH Rasoni College of Engineering, Nagpur 2018-2021

Masters of Technology in Transportation Engineering

CGPA- 8.38

Feasibility study on widening and designing of road pavement

With the view of increase in the current traffic, the roads on the stretch were surveyed, analyzed and designed

- Conduction of Surveys for analyzing the present traffic.
- Designing of road pavement as per future traffic at the end of design period.
- The comparison of results of IRC codes and IIT-Pave software was done.

Yeshwantrao College of Engineering, Nagpur 2011 - 2014

Bachelor of Engineering in Civil

CGPA-8.75

Partial Replacement of Fly-ash and rice husk ash for cement mortar mix 1:4

- 10 different mortar mixes for 1:4 was prepared for fly-ash and rice husk ash, most optimum mix was found out.
- Optimization was carried out on the basis of compressive tests and water absorption tests.

Government Polytechnic, Nagpur 2008 - 2011

Diploma in Civil Engineering

Percentage-84.56%

Cost effective housing by using smart materials & techniques for some items of work

- Some smart techniques were compared with the conventional techniques.

- Estimation and costing was carried out for both the techniques.
- The cost estimation for both techniques was found out.

Guru Nanak Higher Secondary School, Nagpur
SSC

Percentage-87.56%

Experience

JD Polytechnic, Nagpur

Head of Department of Civil Department

June 2016 - April 2018

Assistant Professor

June 2015- June 2016

Nagpur Institute of Technology, Nagpur

Assistant Professor

June 2014 – June 2015

Skills

- Auto CAD 2D and 3D
- 3D Max
- STADD-PRO

Publications

- Published research paper on Feasibility study on designing of pavement as per traffic in Scopus indexed journal-Design Engineering (TORONTO), Issue 4.
- Published review paper on Feasibility study on widening and designing of pavement in UGC indexed journal- International journal in scientific research InTechnology.

Workshops

- Attended one-day workshop on 'Industrial Motivation Campaign for Entrepreneurship Development by Ministry of Micro, Small

and Medium Enterprises Govt. of India’, organized by YCCE Nagpur.

- Attended one-day workshop on ‘Advances in Concrete Technology’ in collaboration with Indian Concrete Institute, Nagpur, organized by YCCE Nagpur.
- Attended three-day workshop on ‘Practical Skills Development in Civil Engineering for Polytechnic Students’, organized by Gurunanak Institute of Engineering and Management Nagpur.
- Attended two-day workshop on ‘Recent Advances in Infrastructure Development’, organized by ‘The Institution of Engineers India’.

Paper Presentation

- Won second prize for Technical State level Paper Presentation at ‘Pratikruti 2013- YCCE, Nagpur’ on ‘Ancient & Modern Irrigation Techniques.’
- Won third prize for Technical State level Paper Presentation at ‘Paroksha 2011, G.H. Raisonni, Nagpur’, on ‘Ancient & Modern Irrigation Techniques.’
- Won first prize for Technical National level Paper Presentation at - ‘Tech-pravad-12, Govindrao Wanjari College of Engineering and Technology, Nagpur’ on ‘Low Carbon Emission Buildings’
- Won third prize for Technical National level Paper Presentation at ‘QUARK-11, Tulsiramji Gaikwad - Patil College of Engineering and Technology, Nagpur’ on ‘Bamboo Technology’
- Won second prize for Technical National level Paper Presentation at ‘Techno vision – 2011, ITM College of Engineering, Nagpur’ on ‘Cost Effective Plastic Roads’
- Won second prize for Technical Paper Presentation at ‘Govt. Polytechnic Nagpur, on ‘Recent Irrigation Techniques’

Online Certifications Courses

- Completed NPTEL online course on ‘Design of Steel Structures’ with Elite certification.
- Completed NPTEL online course on ‘Urban planning and management’ with Elite certification.

Personal Information

Full Name: Manisha Padamprakash Gupta

Date of Birth: 22nd July, 1992

Gender: Female

Marital Status: Married

Spouse Name: Deepakkumar Govindlal Agrawal

Nationality: Indian

Languages Proficiency: English, Hindi and Marathi.