



CONTACT ME AT

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SKILLS SUMMARY

- Structural Audit
- Material Application
- Test on Concrete
- Non-Destructive Testing
- Site Investigation Reports
- Analysis and Design of Structures

AWARDS RECEIVED

- 📖 RTM Nagpur University Gold Medalist - 2015
- 📖 Vidarbha Co-op Housing Society Gold Medal - 2015
- 📖 Best Paper Award - IC - Quest 2018

RANGESH JAJODIA

PERSONAL PROFILE

I am a research oriented personality and wish to carve a niche for myself and to contribute my learning in the field of Engineering. I am passionate about exploring my knowledge along with imparting it to others.

WORK EXPERIENCE

Assistant Professor

BDCE, Sewagram | July 2017 - June 2018

- Teaching work in Civil Engineering Department
- Institute Member for NAAC committee
- Coordinated and organized various co-curricular activities

Teaching Assistant

BDCE, Sewagram | Jan 2016 - June 2017

- Responsibilities included assisting, coordinating and execution of the various assignments

EDUCATIONAL HISTORY

Doctor of Philosophy* (Pursuing)

Visvesvaraya National Institute of Technology, Nagpur | July 2018 - Present

- Experimental Investigation of Shear Behavior of Plain Concrete

Master of Technology: Structural Engineering

BDCE, Sewagram | July 2015 - June 2017

- Behavioral Study of Flexible Concrete Sheet

Bachelor of Engineering: Civil Engineering

BDCE, Sewagram | June 2011 - June 2015

- Experimental Study on Concrete by Partially replacing Cement by Fly-Ash and Sand by Marble Dust.

SOFTWARES

1. ABAQUS16
2. STAAD Pro V8i
3. Autodesk Revit
4. SAP
5. Auto-CAD
6. MS- Excel
7. Origin Pro
8. IBM SPSS

MEMBERSHIPS

1. Affiliate Member - ASCE

LANGUAGES

1. English
2. Hindi
3. Marathi
4. Marwari
5. German

PAPER PUBLICATIONS

Journal

- Sangeeta Gadve and Rangesh Jajodia. "Prediction of Mechanical Properties of Plain Concrete." Informes De La Construccin. Issue No. 565. (Accepted)
- Shelote K., Jajodia R., Gavali H., Madurwar M., Gadve S. S., and Ralegaonkar R. V. "Experimental and Computational Analysis of Energy Efficient Plaster" Proceedings of Sustainable Infrastructure Development & Management, 2019
<https://dx.doi.org/10.2139/ssrn.3369412>
- Jajodia R. M., Makarande S. G. and Nikhar M. "Study of Flexible Concrete Sheet." IJERT, Vol. 06 (Issue 07), 2017
- Jajodia R. M. and Nikhar M. "A study of Flexible Concrete Sheet in Civil Engineering Works." IJIRTT, 2017
- Jajodia R. M. and Nikhar M. "Study of Structural Features of Nagpur Metro." IJRSET, 2017

Conference

- Jajodia R. M. and Gadve S. S. "Design Aids for Special Shaped Reinforced Concrete Columns" SECON'21. Kerala, India. 2021
- Jajodia R. M. and Makarande S. G. "Study of Flexible Concrete Sheet." IC-Quest 2018. Bapurao Deshmukh College of Engineering. 2018
- Jajodia R. M., Makarande S. G. and Nikhar M. "Experimental Study on Concrete by Partially replacing Cement by Fly-Ash and Sand by Marble Dust." IC-Quest 2017. Bapurao Deshmukh College of Engineering. 2017