

## Research Papers Published by Faculty Members

### DEPARTMENT OF CIVIL ENGINEERING

- Prof. Gaurav Tiwari Published a paper with research scholar titled “Development of M60 Grade of Concrete using Micro-Silica and Alccofine Separately for the Construction of Bridge Girders” in International Journal for Research in Applied Science & Engineering Technology , Volume 7 Issue 8, Aug 2019.
- Dr Rakesh Patel Published a paper with research scholar titled “Comparison of Continuous RCC & Prestressed Concrete Beams by Using Limit State Method” in International Research Journal of Engineering and Technology Vol. 6 issue 1 .
- Dr Rakesh Patel Published a paper with research scholar titled Analysis Of Different Truss Bridge To Configure The Best Suited Shape For Practical Implementation ” in International Journal of Advances in Arts, Sciences and Engineering , Volume 8 Issue 17, 2019 .
- Dr Rakesh Patel Published a paper with research scholar titled “Effect of Introducing Setback on the Stability of R.C. Framed Buildings ” in International Journal of Engineering Science and Computing Vol. 9 issue 6 , June 2019.
- Dr Rakesh Patel paper titled “Comparative study on strength of sugarcane bagasse ash and marble slurry dust in mortar” is published in the proceedings of UKIERI Concrete congress at NIT Jalandhar Punjab ,5-8 March 2019
- Dheerendra Tiwari, Stability analysis of pile group subjected to lateral loading using psudo-dynamics analysis, International journal for scientific research & development, 2018, vol.7,ISSN No. 2321-0613.

- Rohit Mishra, Analysis of RCC deep beam by considering shear effect, International journal for scientific research & development, Vol. 7 2018, ISSN No. 2321-0613.
- Ruby Singh, Effect of silica fume with fibre in concrete, International journal of scientific and engineering research, Vol 9 ,2018.ISSN No.2229-5518.
- Dr Rakesh Patel published a paper titled “Study on the behavior of rubber aggregate concrete beams using analytical approach” in Engineering science and Technology an International journal , Elsevier Vol 20,(2017).
- Prof Gulshan meena published a paper Titled Partial replacement of aggregate in roller compacted concrete by demolished aggregate in IJSTE Journal Vol 3 Issue 7, Jan ,2017.
- Dr Rakesh Patel, paper titled “Reinforced Concrete Beams for Sustainable Development “is published in the proceedings of International conference INFRACON 2017 organized by ICI Nagpur 6- 7 October 2017.
- Dr.Rakesh Patel “Analysis of Infilled Beams using Method of Initial Functions and comparison with FEM”.Engineering Science and Technology: an International Journal, Elsevier. 17 (2014) 158-164. doi.org/10.1016/j.jestch.2014.05.001.

- Dr.Rakesh Patel “Effect of depth span ratio on the behavior of beams”. International Journal of Advanced Structural Engineering, Springer. Vol. 6:56, doi 10.1007/s40091- 014-0056-3.
- Dr.Rakesh Patel “Analysis of Light weight RCC beams” in UKIERI concrete congress, International conference on concrete to be held at NIT Jalandhar on 2-5 November 2015.
- Prof. Sachin Nagayach “Up-Gradation of Existing Traffic System of Vidisha using Traffic Management Techniques.” In International Journal for Scientific Research & Development| Vol. 3, Issue 05, 2015.