


Faculty Profile

Name of Faculty : Dr. Prashant Rangrao Jagtap	
Designation : Assistant Professor	
Qualification : Ph.D.	
Specialization : Civil -Structures	
Official Email ID: prashantjagtap.dypcet@dypgroup.edu.in	
Courses Taught	<ul style="list-style-type: none"> ● First Year: Applied Mechanics, Basic Civil Engineering ● Third Year: Concrete Technology, Design of Steel Structures, Theory of Structures ● Final Year: Design of Concrete Structures, Advanced Foundation Engineering, Design of Bridges
Roles and Responsibilities	<p>Institute Level:</p> <ul style="list-style-type: none"> ● Working as President of Institution’s Innovation Council (IIC) ● Working as Entrepreneurship Development Cell (EDC) coordinator <p>Department Level:</p> <ul style="list-style-type: none"> ● Working as NEP Coordinator and Autonomy Coordinator ● Working as Member Secretary- Board of Studies (BoS)
Research Contribution	<ul style="list-style-type: none"> ● P. R. Jagtap and S. M. Pore (2021), “Strengthening of fully corroded steel I-beam with CFRP laminates”, Materials Today: Proceedings, Publisher-Elsevier, ISSN: 2214-7853, Vol-43, pp. 2170-2175. ● P. R. Jagtap and S. M. Pore (2020), “Steel I-Beams Strengthened with Carbon Fiber Reinforced Polymer (CFRP) Laminates: A Review”, International Journal of Advance Scientific Research and Engineering Trends, ISSN: 2456-0774, Vol-5, Issue-Special Issue, pp. 18-23. ● P. R. Jagtap and S M Pore (2020), “Shear Strengthening of Steel I-Beam with CFRP Composites”, International Journal of Scientific & Technology Research, ISSN:2277-8616, Volume 9, Issue 2, pp. 1335-1338.

	<ul style="list-style-type: none"> • P. R. Jagtap and S M Pore (2019), “Effectiveness of CFRP Composites on Compression Flange of Structural I-Beam”, Journal of Engineering Design and Technology, Publisher-Emerald Insight, ISSN: 1726-0531, Volume 17, Issue 4, pp. 782-792. • P. R. Jagtap and S M Pore (2019), “Effect of CFRP Strengthening on Web of Steel I-Beam”, International Journal of Innovative Technology and Exploring Engineering (IJITEE), ISSN: 2278-3075, Volume 8, Issue 12, pp. 4628-4631. • P. R. Jagtap, S. M. Pore and Vipul Prakash (2015), “Necessity of Strengthening of Steel Structures with FRP Composites: a Review”, International Journal of Latest Trends in Engineering and Technology, ISSN: 2278-621X, Volume 5, Issue 4, pp. 390-394. • P. R. Jagtap, S. M. Pore and Vipul Prakash (2014), “Dynamic Analysis of RCC Cantilever Retaining Wall with Different Parameters”, International Journal of Earth Science and Engineering, ISSN: 0974-5904, Volume 5, Issue 4, pp. 650-654. • Mrunalini P. Jagtap and Prashant R. Jagtap (2018), “Review Paper on Phytoremediation: A Green Technology”, International Journal of Advance Research in Science and Engineering, ISSN: 2319-8354, Volume 7, S. Issue 3, pp. 964-970. • Mrunalini P. Jagtap, Sudhir B. Desai and Prashant R. Jagtap (2022), “Application of Green Technology for Grey Water Treatment and its Reuse- A Review”, Journal of Emerging Technologies and Innovative Research, ISSN: 2349-5162, Volume 9, Issue 8, pp. 188-191.
<p>FDP/Workshop Attended</p>	<ul style="list-style-type: none"> • Participated Four times in National Level games Meet of Volleyball. • Attended STTP at IIT Bombay on “Advanced Foundation Engineering”, “Finite Element Methods & Applications in Civil Engineering”, etc. • Attended STTP on “Designing Barrier Free Environments” at IIT Roorkee. • Attended FDP on “An Approach to FEA in Research and Development for Dynamic Structures by Using ANSYS” at TKIET Warananagar. • Participated in Training Workshop on “Migration to Open-Source Platform” at Dr. B.A.T. University, Lonere. • Certified with SWAYAM-NPTEL online courses.
<p>Awards</p>	<ul style="list-style-type: none"> • Awarded with Young Scientist Award in the 9th International Scientist Awards on Engineering, Science and Medicine, held on 12 & 13 Sep.-2020, Trichy, India, Organized by VDGGOOD Professional Association.