

FACULTY PROFILE

Name : Dr. S. B. Heggond



Designation : Associate Professor
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Qualification : M.Tech. (Structural Engineering), Ph.D
Professional Experience : 11 Years
Teaching experience : 11 Years
Industry experience
Administrative Responsibilities : NBA coordinator

No. of Projects
Guided : 17
UG : 01
PG

Research Interest Area : Nano material applications in construction industry, HPC

FDP Attended : 24

Patent Publication

“Impact Of Nano Silica On High Performance Concrete Properties” Published on 29 March 2024 IPR- Application Number – 202421016750 A

“Self-healing Concrete Composition for Civil Engineering Applications” Published on 25th Oct. 2024, IPR Application Number – 202441079619

Journals (with citations)

1. Shreeshail Heggond and Paritosh Srivastava, *“Study on Microstructure analysis with Nanoconcrete”*, NeuroQuantology June 2022 Volume 20 Issue 6 Page 9019-9025
2. Shreeshail Heggond and Paritosh Srivastava, *“Physical property study on Cellulosic Nanocrystals Concrete”*, International journal of mechanical engineering (0974-5823), Vol. 7 No. 2 February, 2022.
3. Shreeshail Heggond and Paritosh Srivastava, *“Effect of Nano Silica on Properties of High Performance Concrete”* International Research Journal of Management Science & Technology Vol 11 Issue 6, 2020.
4. Shreeshail, B.H.; Chougale, J.; Pimple, D. and Kulkarni, A. (2014). *Effects of coconut fibers on the properties of concrete*. International Journal of Research in Engineering and Technology, 3(12), 5-11.
5. Thakur, D., Thakur, S., Pal, N., Kasbe, P., & Heggond, S. (2019). *Effect of cow dung on physical properties of concrete*. International Research Journal of Engineering and Technology (IRJET), 06(3), 4470–4472.
6. D. Kumar, B. Lopes, K. Mhatre, R. Nityanand, and S. Heggond, *“To Study Physical Properties of Self Compacting Concrete,”* Int. J. Innov. Eng. Sci., vol. 5, no. 6, p. 36, 2020, doi:10.46335/ijies.2020.5.6.7.
7. Anoop Mujalge, Elvis Rodrigues, Shreeshail B Heggond *“Incineration Process for Municipal Solid Waste In Palghar District”* International Journal of Innovations in Engineering and Science, Vol 5, No.6, 2020, e-ISSN: 2456-3463.
8. Mr.Deepak Bhurkud, Mr.Ritesh Patil, Mr.Suresh Suthar, Mr. Shreeshail Heggond *“Development and Design of G+20 Residential Structure by Using Advance Tools At Palghar”* International Journal of Innovations in Engineering and Science, Vol. 6, No. 4, 2021, PP. 01 - 07 e-ISSN: 2456-3463.
9. Shreeshail Heggond, Purva Awari, P and Ramesh Pujar., (2015) *“Study on Strength Properties of Ternary Blended Concrete with Fiber”* International Journal of Structural and Civil Engineering Research Vol. 4, No. 2, pp.178-183
10. Jaydeep chougale Shreeshail B.Heggond *“Dynamic Analysis of Pile Foundations under Coupled Vibration”* International Journal of advance research in science and engineering, Volume-4, Pages 257-265.
11. Shreeshail B Heggond *“Artificial Neural Network Application in the Field of Structural Design and Construction Projects”* International Journal of Recent Trends in Engineering & Research (IJRTER) Volume 03, Issue 12; December – 2017
12. Milton Fernandes, Swane Rodrigues, Suraj Sharma, Smit Raut, Shreeshail Heggond *“Comparative Study of Seismic Behaviour of High Rise Building with and Without Use of Fluid Viscous Damper Using E-Tabs”* International Journal of Innovations in Engineering and Science Vol. 6, No. 5, 2021, PP. 22 -30.
13. Shreeshail B Heggond, Preet Jain, Agam Fadia, Ashok Purohit, Varad Raut *“Effect of Dynamic Loads on G+15*

Residential RCC Building” Journal Publication of International Research for Engineering and Management (JOIREM) Volume: 10 Issue: 04 | April-2022.

14. Marathe, Ankur & Nibandhe, Salil & Moraes, Lloyd & Save, Vedang & Heggond Shreeshail. (2020). *Planning and Scheduling of Underground Metro Station Box Using MSP Software*. International Journal of Innovations in Engineering and Science. 5. 19. 10.46335/IJIES.2020.5.6.4.

15. G. V. Mulgund , Shreeshail Heggond , B. J. Godbole, “*Analysis and Modelling of Infilled Frame Structures*” SAMRIDDHI, A journal of Physical science, Engineering and Technology, ISSN-2239-7111 Volume No. 14, Issue- 2, April - June 2022 Pg. 138-141

16. Shreeshail Heggond, Kartiki Gharat,, Priyank Khandare, Akshata Patil, Chinmay Patil “*Analysis, Design And Estimation of Shopping Mall for Palghar city using Etabs Software*” SAMRIDDHI, A journal of Physical science, Engineering and Technology, ISSN-2239-7111 Volume No. 14, Issue- 2, April - June 2022 Pg. 142-158

Conference

- : 1. Shreeshail Heggond and Paritosh Srivastava, “*Strength and Durability study on Nano Silica Concrete*”, 1 st Virtual International Conference on Emerging Research and Innovations in Civil Engineering (ERICE – 2021) Conference Proceedings. Gujarat Council on Science and Technology (GUJCOST)
- 2. Shreeshail Heggond and Paritosh Srivastava, “*Effect of Nano material on Properties of Concrete*”, International Conference on artificial intelligent and Machine learning Proceedings, march 2020 SICET at Hyderabad.
- 3. Shreeshail Heggond, Chougale, J. “*Effect of W/C Ratio on Self Compacting Concrete of M70 Grade With Fly Ash and Admixtures*” 2015/3/1, International Journal of Global Technology Initiatives, Volume 4, Issue 01, Pages 1-4.
- 4. Shreeshail Heggond, Chaougale. J “*Retrofitting of Concrete member using FRP*” National Conference JCON 2016 on Emerging Trends and Applications in Engineering and Sciences (ETA-EAS) 13th and 14th Feb. 2016. ISSN-987-1-944541-93-4 by Jaihind College of Engineering, Kuran.
- 5. G. V. Mulgund¹, Shreeshail Heggond², B. J. Godbole³, “*Analysis and Modelling of Infilled Frame Structures*” International Conference on Trends in Engineering, Applied Sciences and Management (IC-TEAM 2022). By St. John College of Engineering and Management Palghar, 08th – 09th April 2022
- 6. Shreeshail Heggond, Kartiki Gharat, Priyank Khandare, Akshata Patil, Chinmay Patil “*Analysis, Design and Estimation of Shopping Mall for Palghar city using Etabs Software*” International Conference on Trends in Engineering, Applied Sciences and Management (IC-TEAM 2022). By St. John College of Engineering and Management Palghar, 08th – 09th April 2022.

Membership

- : Life Member of the Indian Society of Technical Education (ISTE),
Member of the Indian Chapter of American Concrete Institute (ACI), 2020

Research grant

- : Minor Research Grant from Mumbai University 2017-18
Topic “*Effect of Nano material on properties of concrete*”

Outreach Activity

- **Session Chair**, International Conference, St. John College of Engineering and Management, Palghar 2021,
- **Session Chair**, National level Conference Viva Institute of Technology Virar March 2023
- **Oscillation 2024, Judge** at National Level Presentations, Vidyavardhini College of Engineering and Technology, Vasai

- **Judge** MSBTE Organized National project competition for Diploma students at SJCEM Palghar.
- **Session Chair** at National Conference on “Sustainable Infrastructure and Innovative Engineering solutions”. Organized by Guru Nanak Dev Engineering College, Bidar 28th September 2024.