

FACULTY PROFILE

Dr. Rajashekhar S. Talikoti
Associate Professor
Department of Civil Engineering

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- **QUALIFICATION**
- Ph.D (Structural Engineering) IIT Bombay 2005
- ME Civil (Structural Engineering) from BLDEA's COE Bijapur Karnataka, (July 1995)
- BE Civil from UVCE Bangalore Karnataka (Feb 1990)

TEACHING EXPERIENCE

Sl No	Name of the Institute	From	to	Post held	Reason for Leaving
1	BLDEA's COE Bijapur	March 1990	March 1993	Lecturer	Joined ME Structures
2	K K Wagh C O E Nashik	24 th July 1995	09 th Sep 2005	Lecturer	Promoted as AP
3	K K Wagh C O E Nashik	09 th Sep 2005	19 th May 2007	Assistant Professor	Joined L & T ECC Division
4	Late G N Sapkal COE Anjaneri Nashik	2 nd March 2010	21 st Nov. 2016	Professor & Head Civil Engg., Dept.	Joined Sandip Institute of Engineering and Management Mahiravani Nasik
5	Sandip Institute of Engineering and Management Mahiravani Nashik	21 st Nov. 2016	18-9-2019	Professor in Civil Engg., Dept.	Joined R. H Sapat COE, Management studies and Research, Nashik.
6	R. H Sapat COE, Management studies and Research, Nashik.	19 th Sept.. 2019	Working	Professor in Civil Engg., Dept	

- Current experience: 4Years at RH Sapat CoE
- Past experience : 29 Years

INDUSTRY EXPERIENCE

1	Larsen & Toubro Mumbai	23 rd May 2007	27 th Feb 2010	Design Manager	Joined Late G N Sapkal COE Anjaneri Nashik
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RESEARCH PUBLICATIONS

Referred Journals

- 1 Bajoria, K. M. and Talikoti, R. S., (2006), Determination of Flexibility of Beam-to- Column Connectors Used in Thin Walled Cold-Formed Steel Pallet Racking Systems, *Thin-Walled Structures*.
- 2 Talikoti, R. S. and Bajoria, K. M., (2005), New approach to improving distortional strength of intermediate length thin-walled open section columns, *Electronic Journal of Structural Engineering*, **5**, 59-69.
- 3 Talikoti, R. S. and Bajoria, K. M., (2006), Torsional Enhancement of Frames used in Pallet Racking Systems, *Insdag's Steel in Construction*, **.7**, v1, 25-36.
- 4 Bajoria, K. M., Sangle K K., and Talikoti, R. S.,(2009), Stability Analysis of 3-D Conventional Pallet Rack Structures with Semi-Rigid Connections, *International Journal of Advanced Structural Engineering*, **2**, v1, 153-181.
- 5 Talikoti, R. S., Bajoria, K. M., and K., Sangle, (2010) Modal analysis of cold-formed pallet rack structures with semi-rigid joints journal of constructional steel research.66, 428-441.
- 6 Talikoti, R. S. and Bajoria, K. M., Torsional Enhancement of Open Thin-Walled Perforated steel Columns with addition of Channel and Hat Sections as Stiffeners, *Thin- walled Structures*,
- 7 Talikoti, R. S. and Bajoria, K. M., Strengthening of runway bridge at Mumbai airport using FRP. (2011), *IJNME* (Communicated).
- 8 Talikoti Rajashekhar S., Kandekar Sachin B. (2019). "Strength and Durability Study of Concrete Structures Using Aramid Fiber Reinforced Polymer." *Fibers*, 7(11), 1-11. [MDPI, SCOPUS]
- 9 Kandekar, S.B., Talikoti, R.S. (2018). "Torsional behaviour of reinforced concrete beam wrapped with aramid fiber." *Journal of King Saud University – Engineering Sciences*, <https://doi.org/10.1016/j.jksues.2018.02.001>. [Elsevier, SCOPUS]
- 10 Kandekar, S. B., Talikoti, R. S. (2018). "Study of torsional behavior of reinforced concrete beams strengthened with aramid fiber strips." *International Journal of Advanced Structural Engineering*, 10(4), 465–474. [Springer, SCOPUS]
- 11 Kandekar Sachin B., Talikoti Rajshekhar S. "Torsional Behaviour of Reinforced Concrete Beams Retrofitted with Aramid Fiber." *Advances in Concrete Construction*, Techno-Press, (Under Review). [Technopress, SCI, SCOPUS]
- 12 Rathi, S., Kandekar, S., Talikoti, R.S. (2015) "Strengthening of R.C. Beam using Carbon and Aramid Fibre for its Torsional Behaviour." *International Journal of Research Studies in Science, Engineering and Technology*, 2(9), 65-71.

13. Khairnar, N. K., Kandekar, S.B., Talikoti, R.S. (2015). "Experimental Investigation on Torsional Behaviour of Beam-Column Joint Wrapped with Aramid Fiber," International Journal of Modern Trends in Engineering and Research, 02(08), 270-277.
14. Rathi, S., Kandekar, S.B., Talikoti, R.S. (2015). "Strengthening of R.C. Beam using Carbon Fibre to Study its Torsional Behavior." International Journal for Scientific Research & Development, 3(07), 416-419.
15. Dr. R. S. Talikoti and Miss Nishigandha Rajendra Patil, "Seismic Analysis of Elevated Water Tank" International Journal of Research in Engineering and Technology, Volume: 03 Issue: 01 | , eISSN: 2319-1163.
16. Dr. R. S. Talikoti. "Seismic Analysis of Balanced Cantilever Bridge Considering Time Dependent Properties", International Journal of Engineering Research & Technology, [IJERT, Volume 3, Issue 07], Jul-14.
17. Dr. R. S. Talikoti, "Base Isolation in Seismic Structural Design", International Journal of Engineering Research & Technology, [IJERT, Volume 3, Issue 07,] ISSN (Online): 2319-1163, Jul-14.
18. Dr. R. S. Talikoti, "Seismic behaviour of elevated water tank", International Journal of Engineering Research & Technology, [IJERT, Volume 4, Issue 05,] ISSN (Online): 2319-1163, May-15.
19. Dr. R. S. Talikoti, "Analysis of Cylindrical Shell Structure with varying parameters", International Journal in Engineering Research and Technology, [IJRET, Volume 4, Issue 5] ISSN (Online) May-15, 2319-1163.
20. Dr. R. S. Talikoti, "Effect of wind load on high rise structure", International Journal of Engineering and Technical Research, [IJRET, Volume 3, Issue 7,] ISSN (Online): 2321-0869, Jul-15.
21. Dr. R. S. Talikoti, "Structural Design of Engineering Buildings, International Journal of Computer Science and Mobile Applications, Vol. 3, Issue 8, E- ISSN 2321-8363, Aug- 15
22. Dr. R. S. Talikoti, "Hardening of RC Beam & column junction by utilizing Fiber sheet, International Journal of Civil and Structural Engineering Research, Vol. 4, Issue 2, E-ISSN 2348-7607, Aug-15.
23. Dr. R. S. Talikoti, "Effect of earthquake and wind on soil", International Journal of Civil and Structural Engineering Research, Vol. 3, Issue 1, E- ISSN 2348-7607, Aug-15.
24. Dr. R. S. Talikoti, "Nonlinear analysis of high rise steel frame structure with different bracing configuration", International Journal of Advance Research in Science and Engineering, Vol. 5, Issue 6, E-ISSN 2319-8354, Jun-16.

25. Dr. R. S. Talikoti,"Effect of gap between building on seismic pounding force", International Journal of Innovative Research in Science and Engineering, Vol. 2, Issue 6, E-ISSN 2454-9665,Jun-16.
26. Dr. R. S. Talikoti and Miss. A. M. Kadam,"Study and Design of Aircraft Hangar",International Journal of Modern Trends in Engineering and Research, Volume 03 Issue-05,ISSN-2349-9745,July2016.
27. Dr. R. S. Talikoti and Mr Ankit V. Jain,"Study the Performance of High Rise Structure with dampers at different Location", International Journal of Engineering Research and Technology,ISSN2278-0181,Volume-05,Issue-07,July2016.
28. Dr. R. S. Talikoti and Audumber wani,"A study on progressive collapse response of cable stayed bridges for deflection and axial forces in cables",International research journal of engineering and technology, ISSN 2395-0056,Volume 03, issue 05, May-16.
29. Dr. R. S. Talikoti and Mr. S. R. Pagar, "Analysis of Box Culvert for Storm Water Drainage System for Runway under Aircraft Loading at Airport", International Journal of Engineering Research and Technology, Volume: 03, Issue: 06, e-ISSN: 2395 -0056, p-ISSN: 2395-0072, June-2016.
30. Dr. R. S. Talikoti and Miss Anuja Nivrutti Dhattrak, "Survey paper on nonlinear analysis of high-rise steel frame structure with different bracing configuration ", International Research Journal of Engineering and technology, Volume 03, Issue 05, e-ISSN 2395- 0056 p-ISSN 2395-0072, Mar-16
31. Dr. R. S. Talikoti, "Evaluating the effect of strength hierarchy on seismic performance of building by Push-over analysis", International Journal of Technical Research and Applications, Volume 04, Issue 03, e-ISSN 2320-8163, May-Jun-16.
32. Dr. R. S. Talikoti, "Seismic analysis of ground supported water tank with different aspect ratios", International Journal of Advance Research in Science and Engineering, Volume 05, Issue06, e-ISSN2319-8354, Jun-16.

STTP/FDP/WEBINAR Attended/Coordinated

Sr. No	STTP/FDP/WEBINAR DETAILS	No of Days	Date and Duration (from – to)	Quiz Assignments Yes/No
1	Short Term Training Programme through ICT Mode on Outcome Based Accreditation and NBA organized by NITTR Kolkata.	1 Week	20/04/2020 to 24/04/2020	Yes
2	Short Term Training Programme through ICT Mode on NBA Accreditation and SAR Preparation organized by NITTR Kolkata.	1 Week	27/04/2020 to 01/05/2020	Yes

3	Short Term Training Programme through ICT Mode on Organizational Behaviour organised by NITTR Kolkata.	1 Week	11/05/2020 to 15/05/2020	Yes
4	Short Term Training Programme through ICT Mode on Problem Based Learning organised by NITTR Kolkata.	2 Week	18/05/2020 to 29/05/2020	Yes
5	A one Day Webinar on “Being Competitive; The Need of Present and future era job market” Organized by RH Sapat COEMS&R Nashik.	1 Day	09/06/2021	As T&P Coordinator
6	A one Day Webinar on “Understanding of IPR & It’s Usage for Industry” Organized by RH Sapat COEMS&R Nashik.	1 Day	21/08/2021	As T&P Coordinator
7	National Conference on “Latest Trends in Infrastructure Development” Organized by Civil Department RH Sapat COEM&R Nashik.	2 Days	12 & 13 Nov. 2021	As Coordinator
8	Short Term Training Programme through ICT Mode on Machine Learning organised by Dr. JJ Magdum COE Jaysingpur, Sponsored by AICTE New Delhi.	1 Week	21/02/2022 to 25/02/2022	Yes
9	As Resource Person for 3Day FDP Programme on “Recent Advances in Structural Engineering” conducted by Guru Gobind Singh COE Nashik.	3 Days	18/04/2022 to 20/04/2022	Resource Person

College level works done

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1	A one Day Webinar on “Being Competitive; The Need of Present and future era job market” Organized by RH Sapat COEMS&R Nashik.	1 Day	09/06/2021	As T&P Coordinator
2	A one Day Webinar on “Understanding of IPR & It’s Usage for Industry” Organized by RH Sapat COEMS&R Nashik.	1 Day	21/08/2021	As T&P Coordinator
3	National Conference on “Latest Trends in Infrastructure Development” Organized by Civil Department RH Sapat COEM&R Nashik.	2 Days	12 & 13 Nov. 2021	As Coordinator
4	As Senior Supervisor for In Sem Exam Semester -2 AY 2021-22	5 Days	16 th to 20 th April 2022	Senior Supervisor
5	Since to last 2 years worked as Nodal Officer for NIRF 2020-21 2021-22 and 2022-23			Nodal Officer
6	Design of our Hospital Building at our Campus Using ETABS			

Departmental works done till date

Sr. No	Works Alloted	No of Days	Date and Duration (from – to)	Assignment
1	1. Teaching TE Civil Steel Structures & RCC Design 2. Departmental Academic coordinator 3. NAAC Criteria-2 Coordinator 4. NBA Coordinator			

5. T & P coordinator
6. University & AICTE proposals coordinator
7. NIRF Coordinator.

2	National Conference on “Latest Trends in Infrastructure Development” Organized by Civil Department RH Sapat COEM&R Nashik.	2 Days	12 & 13 Nov. 2021	As Coordinator prepared the e-Proceedings
3	Online Faculty Development Programme (FDP) on “Urban Flood Risk Mitigation and Management”	One Week	14 -18, November 2022	As Coordinator prepared the e-Proceedings
4	National Conference on “Applications of Artificial Intelligence in Engineering” Organized by Civil Department RH Sapat COEM&R Nashik.	2 Days	18 & 19 May. 2023	As Coordinator prepared the e-Proceedings

ADMINISTRATIVE WORK

Sr. No.	Post	Description
1.	NIRF Nodal Officer	Since to last 3 years worked as Nodal Officer for NIRF 2020-21 2021-22 and 2022-23
2.	Senior Supervisor	End Semester Examination for TE and BE from 29-11-2023 to 16-12-2023

UNIVERSITY RESPONSIBILITIES

Sr. No.	Post	Duties
1.	Member	Local Inquiry Committee (LIC) and Subject Expert – UGC on University of Pune
2.	Subject Expert	Subject Expert for the Local Management University of Pune
3.	Member	Local Inquiry Committee, University of Pune
4.	Subject Chairman,	

5.	Examiners (External and Internal)	For TE Subjects Design of Steel Structures and Design of Reinforced Concrete Structures, External Examiner for ME Structures Project Orals
6.	Senior Supervisor (Internal)	End Semester Examination for TE and BE from 29-11-2023 to 16-12-2023

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