RESUME

Name: Dr. G R Patil

Date of Birth: 01.06.1965
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Educational Qualification:

Exam	School/College	Year of Passing	Main Subjects/Topic	Division
PhD	Indian Institute of Technology, Guwahati	June 2020	Structural Engineering	NA
M E (Structural Engg.)	Indian Institute of Science, Bangalore	Jan 1998	Structural Engineering	First
B E (Civil)	Government College of Engineering, Karad	June1988	Civil Engineering Subjects	First
H S C	Sadhana Jr. College of Science, Gadhinglaj	June 1984	English Math, Science	Distinction
S S C	S S Highschool Nesari	June 1981	Marathi, Hindi English, Maths.	First

PhD Topic: Evaluation of slope bottom tuned liquid dampers in reduction of earthquake vibrations of Structure.

Patents Published:

Sr. No.	Title	Application Number	Date of filing
1	Dual triangular slope bottom tuned liquid damper for improving efficiency of flat bottom tuned liquid damper.	202221001645	12/01/22
2	New scrubber for cleaning and washing of stainless Tiffin box and utensils/pot used in cooker.	202121062299	31/12/21
3	Slope bottom tuned liquid damper for improving performance of flat bottom tuned liquid damper	202121061528	29/12/21

Important Publications:

Patil, G. R., Singh, K. D. and Nanda, B. (2023) Controlling Earthquake Induced Structural Vibration with Slope Bottom Tuned Liquid Damper*12th Structural Engineering Convention*, VNIT Nagpur, India.

Patil, G. R., Singh, K. D. and Nanda, B. (2022). Mitigating structural vibrations due to earthquake with application of slope bottom tuned liquid dampers, *12th Structural Engineering Convention*, NIT Jaipur, India.

Patil, G. R., Singh, K. D. and Nanda, B. (2018). Performance of TLD with different slope profiles utilized to mitigate dynamic response of structure, *11thStructural Engineering Convention,* Jadavpur University, Kolkata, India.

Patil, G. R., Singh, K. D. and Nanda, B. (2017). Application of sloped bottom tuned liquid damper for controlling dynamic response of buildings, *13th International Conference on Vibration Problems*. IIT Guwahati, India.

Patil, G. R., Singh, K. D. and Nanda, B. (2016). Evaluation of sloped bottom tuned liquid damper for mitigation of dynamic response of structure, *Structural Engineering Convention,* CSIR-Structural Engineering Research Centre, Chennai, and India and Indian Institute of Technology Madras, Chennai, India.

Patil, G. R. and Singh, K. D. (2016). Evaluation of sloped bottom tuned liquid damper for reduction of seismic response of tall buildings, Journal of Institution of Engineers (India): Series A, Springer Publication.

Patil, G. R. and Singh, K. D. (2014). Evaluation of sloped bottom tuned liquid damper for reduction of seismic response of tall buildings, *Structural Engineering Convention*, Indian Institute of Technology, Delhi.

Book Chapter: Published an article "AI-Based Digital Evaluation of Concrete Building" as book chapter in Application of Artificial Intelligence in Real World Apr 2022.
Book Chapter: Recent Developments in Structural Engineering, Vol. 1, 2024, Springer Nature Singapore.

Book: Advances in Structural Engineering**,** Namya Press, April 2023 ISBN-10: 9355452004

Experience: 38 Years (Teaching)

Sr. No.	Organization	Duration	Post Held	Nature of Duty
1	Pillai HOC College of Engineering and Technology, Rasayani (Raigad), Navi Mumbai	09/082021 30/05/2026	Professor	Teaching, Research, Administrative
2	SVERI's COE, Pandharpur	25/08/2020 31/07/2021	Professor	Teaching, Research Administrative
3	JSPM's RSCOE, Pune	19.08.08 12.06.18	Associate Professor	Teaching, P G Coordinator
4	G H Raisoni College of Engineering Pune	27.08.07 to 18.08.08	Asst. Professor	Teaching, In-charge First year Engg.
5	Sinhgad Institute of Technology, Lonavala	18.10.05 To 26.08.07	Asst. Professor	Teaching
6	PICT, Pune	15.07.94 To 17.10.05	Lecturer	Teaching
7	K E S Engg. College, Pen, Raigad	06.03.90To 14.07.94	Lecturer	Teaching
8	Govt. Polytechnic Malvan, Sindhudurg	28.11.88 To 05.03.90	Lecturer (Part Time)	Teaching

Some Important Trainings:

Sr. No	Topic	Place	Duration
1	Finite Element Method and its Applications in Civil Engineering	IIT Mumbai (May 2014)	One Week
3.	Finite Element Method and its Applications in Civil Engineering	IIT Mumbai (July 2012)	One Week
3.	Structural Dynamics and Earthquake Engineering	IIT Mumbai (Nov 2003)	Two Weeks
4.	Geotechnical Earthquake Engineering	IIT Guwahati (July 2005)	One Week
5.	Earthquake Resistant Design of Structures	IIT Roorkee (July 2006)	One Week
6.	Effective Teaching Methodologies in Classroom	IIT Kanpur (Dec 2003)	One Week
7.	Random Vibrations and Earthquake Engineering	IISc Bangalore (Dec 2006)	One Week
8.	Advances in Geotechnical Engineering	University of Pune (Feb 2005)	Three Days
9.	Earthquake Resistant Design of Structures	COEP, IEI Pune (Dec 2007)	Three Days
10.	Seismic Design of Buildings and Bridges	IIT Guwahati	One Week

		(Dec 2010)	
11	ATAL FDP on Advanced Concrete Technology	ATAL, AICTE (Nov 2021)	One Week
12	ATAL FDP on Alternate Fuels	ATAL, AICTE (Dec 2021)	One Week
13	Certified in 24 NPTEL Courses	NPTEL Jan-Apr 2025 and Jan-Apr 2026	240 Weeks

Some Important Achievements/Activities:

Sr. No	Name of activity	Date
1	State level workshops on "Recent developments in Civil Engineering". (Coordinated)	Feb 2016
2	Syllabus committee member at. DBATU, Lonere.	April 2012
3	Paper setter for Symbiosis Institute of Technology, Pune	Oct 2011, Apr 2012
4	Visiting Faculty for at COE Pune, VPCOE Baramati, AISSMS Pune, Orchid College Solapur.	July 2007, July 2012 and Oct 2011 Apr 17
5	Worked on LIC committee of Pune University	Sept 2012, Mar 2015,
6	Worked as subject expert in Pune University's faculty selection committee.	June 2011, Nov 2012, Jan 2013
7	External examiner for M E, Solapur University	Apr 2014, Oct 2015
8	Worked as P G Coordinator (RSCOE, Pune)	Jan 2014- June 1018
9	Worked as Coordinator for P G admissions	July 2016, July 2017
10	Worked as NBA Coordinator	Aug 2011, May 2023
11	Worked as internal and external senior supervisor for Pune University Exams.	10+ times
12	Reviewer for "Journal of Institution of Engineers India" a Springer Publication	Feb 2020 onwards
13	Convenor of M E syllabus revision committee of Mumbai University	2021-22
14	Member of B E syllabus revision committee of Mumbai University	2021-22
15	Completed "Innovation Ambassador" foundation level and advanced level training of Ministry of Education, GoI.	2022
16	Chairmen, B E and M E paper setting of Mumbai University.	2021-22
17	Nominated and worked as "Project Guide" for Exam – B of Institution of Engineers (India).	2022

18	Nominated and worked as 'External Referee' for examining PhD thesis, PAH Solapur University	2023
19	Worked as Judge for Aviskar (Inter University Project Competition) of Mumbai University	Jan 2023, 2024,2025
20	Evaluate for Mumbai University RGSTC research proposal	Feb 2023
21	Paper setter for PhD entrance test of PAH Solapur University	July 2024
22	ARIIA Coordinator for the Institute	Since 2021
23	Resource Person for ISRO Disaster Management Support Programme (DMSP) "Capacity Building in Space-Based Disaster Management, Support and Risk Reduction for Maharashtra State" of District Disaster Management Officers.	March 2023
24	Nominated as Board of Studies member for SVERI's College of Engineering, Pandharpur	Since 2023
25	Doctoral Committee Member at RICS School of Built Environment, AMITY University, Mumbai.	Since Dec 2024
26	NIRF Nodal Officer	Since 2024 - 2026
27	Conference Technical Committee member and reviewer for "ICCRIP" 9th and 10th International conference of NICMAR University, Pune 2025 and 2026 respectively.	Aug 2025 Aug 2026
28	Topper in a NPTEL Course	July - Dec 2025
29	Recognized as NPTEL Champion, NPTEL Discipline Star and NPTEL Enthusiasts.	July - Dec 2025
30	Topper in a three NPTEL Courses	Jan - Apr 2026
31	Recognized as NPTEL Champion, NPTEL Superstar and NPTEL Discipline star.	Jan - Apr 2026

Workshops/Seminars, Papers

- Participated in several other workshops/seminars
- Paper presented in International and National conferences:30+
- Paper published in International Journals:40+

Subjects Taught at Undergraduate Level:

1. Design of RCC Structures
2. Structural Analysis I and II
3. Engineering Mechanics
4. Basic Civil Engineering
5. Geotechnical Engineering
6. Engineering Drawing
7. Surveying
8. Design and drawing of steel structures
9. Advanced concrete technology
10. Mechanics of Solids

Subjects Taught at Postgraduate level:

1. Structural Mathematics
2. Advanced Solid Mechanics
3. Theory of Plates and Shells
4. Finite Element Method
5. Structural Dynamics
6. Earthquake Resistant Design of Structures
7. Construction Contracts Administration and Management
8. Project Economics and Financial Management
9. Theory of Elasticity and Elastic Stability
10. Sustainable Construction Practices.

M E Dissertations Supervised: 65+

Conference Session Chair: 03

BCUD Research Projects Completed: 01

Memberships:

* Indian Society for Technical Education.
* Institution of Engineers India.

Awards: "Best Citizen of India Award 1999" from International Publishing House, New Delhi.

Dr. G R Patil
Place: Navi Mumbai
Date:30.06.2026