

:: Personal Details:

Name **Atul Siddheshwar Patane**

Postal Address : A/P-Kavathe-Ekand, Tal-Tasgaon, Dist-Sangli.

City : Sangli

State : Maharashtra.

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Date of Birth : 15th October 1990

Languages Known : English, Hindi, Marathi



:: Objective:

To work with a reputed institution as an Assistant Professor, that will provide me a good platform to utilize my teaching and administration skills and will help me to grow my career.

:: Academic Background:

University/College/School	Degree	Branch	Year	Grade/ %Marks
Srinivas University Institute of Engineering and Technology	PhD	Civil Engineering	Pursuing	
Walchand College Of Engineering, Sangli (An Autonomous Institute)	B Tech	Civil Engineering	May-12	7.38
	M Tech	Civil – Structural Engg.	Aug-15	7.98
Kolhapur Board	SSC	----	Mar-06	80.40
Kolhapur Board	HSC	Science	Feb-08	79.67

GATE 2013 QUALIFIED:

GATE SCORE: 362 (Valid from 15th March 13 to 14th March 14)

GATE SCORE: 447 (Valid from 15th March 14 to 14th March 15)

:: Memberships:

- **Indian Society of Structural Engineers (ISSE):**
Life Member, Member ID: **LM 2659**
- **Indian Society for Technical Education (ISTE):**
Life Member, Member ID: **LM 110933**

- **American Society of Civil Engineers (ASCE):**
Affiliate Member, Member ID: **9947723**
- **The Institute of Engineers (India):**
Associate Member(**AMIE**), Membership No.: **AM1677228**

::: Software Skills:

- SAP 2000
- STAAD Pro V8
- ANSYS
- Auto CAD
- ETABS
- MSCIT

::: Students Guided:

M. Tech Students Guided: 8 - Completed, 4 - Ongoing

B. Tech Students Guided: 6 – Completed

::: Work Experience:

- **Walchand College of Engineering, Sangli**
Designation: Lecturer (Dept. of Civil Engg.)
Duration: Dec 2012 to May 2013
- **Thornton Tomasetti Inc., Mumbai**
Designation: Engineer Intern
Duration: Oct 2014 to Feb 2015
- **PVPIT, Budhgaon**
Designation: Assistant Professor (Dept. of Civil Engg.)
Duration: July 2015 to May 2016
- **DYP College of Engineering, Akurdi, Pune**
Designation: Assistant Professor (Dept. of Civil Engg.)
Duration: June 2016 to December 2016
- **Sardar Vallabhbhai National Institute of Technology, Surat (SVNIT)**
Designation: Doctoral Research Scholar (Applied Mechanics Dept.)
Duration: December 2016 to July 2018
- **Walchand College Of Engineering, Sangli**
Designation: Assistant Professor
Duration: July 2018 to Present

::: Journal Publications and Conference Publications:

International Journal Publications:

- Siddharaj Pujari and **Atul Patane**, (2024) “Image Caption Generation Using Deep Learning Techniques”, *Grenze International Journal of Engineering & Technology (GIJET)*, Volume 10, Issue 1, p2464
- Vaishnavi Khot and **Atul Patane**, (September 2023), “Seismic Analysis of Horizontal Irregular Building Using Conditional Mean Spectra”, *International Journal of Engineering Research in Mechanical and Civil Engineering (IJERMCE)*, Vol. 10 Issue 9, pages 38-41, ISSN (Online) 2456-1290
- **Atul Patane** and et al., (June 2023), “Development of IoT-Based Smart Bin System for Effective Garbage Management”, *Grenze International Journal of Engineering and Technology*, Vol. 9 Issue 2, ISSN: 2395-5295(Online); 2395-5287(Print), 2597-2604
- **Atul Patane** and Gaurang Vesmawala (April 2023), “Experimental and Analytical Investigation of Behaviour of Reinforced Concrete Beam under Pure Torsion”, *Materials Today, Elsevier Journal*, ISSN:2214-7853
<https://doi.org/10.1016/j.matpr.2023.03.539>
- **Atul Patane** and Sachin Kadam (Oct 2015), “Effect of horizontal irregularity on seismic behavior of building”, *International Journal of Engineering Science and Research Technology (IJESRT)*, Vol. 4, Issue 10, ISSN: 2277-9655, 446-450
- **Atul Patane** and et al., (May 2014), “Modified Field Compaction Control Criteria for Field Compaction Containing Fine and Coarse Gravel Fraction”, *International Journal of Engineering and Associates (IJEA)*, Vol. 3, Issue 5, ISSN: 2320-0804, 103-109.

International Conference Publications:

- Karan Abhyankar, **Atul Patane** and Shrirang Tande, “Composite Deck Slabs: A Comprehensive Review of Design Methodologies and Structural Insights”, 3rd International Conference on Construction Materials and Structures (ICCMS-2025), held at Indian Institute of Technology (IIT) Tirupati, 3rd – 5th July 2025
- Kedar Bhosale and **Atul Patane**, “Review for Progressive Collapse: Mechanism, Influencing Factors and Mitigation Strategies”, 3rd International Conference on Construction Materials and Structures (ICCMS-2025), held at Indian Institute of Technology (IIT) Tirupati, 3rd – 5th July 2025
- Yogesh Choure, **Atul Patane**, Prachi Sohoni and Ravindra Desai “A Review on Performance of Post-Installed Mechanical Anchors in Cracked Concrete”, 3rd International Conference on Construction Materials and Structures (ICCMS-2025), held at Indian Institute of Technology (IIT) Tirupati, 3rd – 5th July 2025

- Akshay Pol and **Atul Patane**, “Timber Concrete Composite Slab: A Comprehensive Review of Design Methodologies and Structural Insights”, 3rd International Conference on Construction Materials and Structures (ICCMS-2025), held at Indian Institute of Technology (IIT) Tirupati, 3rd – 5th July 2025
- Miss. Geeta Kamble, Dr. Prachi Sohoni, **Mr. A. S. Patane**, Dr. R. S. Desai.” Finite Element Analysis of Post-Installed Bonded Anchors in Uncracked Concrete: A Comprehensive Review” 2nd International Conference on Sustainable Innovations in Civil and Mechanical Engineering held at SKN SINHGAD COLLEGE OF ENGINEERING, Pandharpur, During 27th & 28th June 2025
- **Atul Patane** and et al., (2025), “A Review on Comparative Study of Pre-Engineered Building and Conventional Building and Development of Fragility Curves”, *International Conference on Advances in Composites and Materials (ACM 2025)*, 30th & 31st May 2025
- **Atul Patane** and et al., (2023), “Development of IoT-Based Smart Bin System for Effective Garbage Management”, *Hinweis Second International Conference on Advances in Software Engineering and Information Technology- ASIT (Hybrid Mode)*, 17th June 2023
- **Atul Patane** and Gaurang Vesmawala (2022), “Experimental and Analytical Investigation of Behaviour of Reinforced Concrete Beam under Pure Torsion”, Second International Conference on Construction Materials and Structures (ICCMS 2022)
- **Atul Patane**, Rohit Kambale and S. N. Tande (2014), “Dynamic Characteristics of a Barrage at Various Stages of Construction” in *Proc., 4th International Conference on Advances and Architecture, Urban Planning, Material Engineering and Civil/Environmental Dynamics (AUPMECED-2014)*, Delhi, 26th and 27th July, 2014.

National Conference Publications:

- **A. S. Patane** and Vibhavari Mane (2023). Behavior of Reinforced Concrete beam under combined Bending and Torsion strengthened by Basalt Fiber Reinforced Polymer Composites at National Conference on Civil and Mechanical Engineering (NCCME-23), Jaipur, 19th August 2023.
- **A. S. Patane** and Vaishnavi Khot (2023). Seismic Analysis of Horizontal Irregular Building Using Conditional Mean Spectra at National Conference on Civil and Mechanical Engineering (NCCME-23), Jaipur, 2nd September 2023.
- Pavan Tikate, **Atul Patane**, and Sachin Kadam (2014). Seismic Retrofitting for Reinforced Concrete Structures in *Proc., 2nd National Conference on System, Energy and Environment (NCSEE)*, Kannur, Kerala, 1st & 2nd August 2014.

- **Atul Patane**, Aditya Patil, Prajyot Bodhale and Nikhil Dopare (2014). Modified Field Compaction Control Criteria for Field Compaction Containing Fine and Coarse Gravel Fraction in *Proc., National Conference on Exhibited Models of Project Innovations and Research in Engineering (NC-EMPIRE)*, Miraj, 28th Feb. & 1st March 2014.

::: Book Publications:

- Seismic Performance of RC framed buildings located on hills – Dynamic Analysis (Lambart Academic Publishing)
- Torsional Behaviour of Horizontal Irregular Buildings During Earthquake – Pushover Analysis (Lambart Academic Publishing)

::: Patent Publications:

- A SOLAR POWER CONSTRUCTION MATERIAL CARBONATION ANALYSER, Design No.: 376761-001, Date of Patent Filing: 04/01/2023, Date of Publishing: 01/02/2024
- SOLAR ASSISTED CEMENT CURING CABINET, Application No. 407499-001, Date of Patent Filing: 14/02/2024, Date of Publishing: 21/10/2025
- GRAIN SUCTION & SCREENING MACHINE, Design No. 419277-001, Date of Patent Filing: 07/06/2024, Date of Publishing: 24/07/2024

::: Consultancy/IRG:

- Contributed ₹1.14 crore towards institute consultancy/IRG by executing 245 consultancy projects in compliance with institutional norms during July 2023–December 2025.

::: Continuing and Distance Education Programs/Workshops/Seminars Attended:

- Completed One Day Workshop on “Understanding IS 1893 (Part 1 and Part 5) : 2025 for Seismic Design of Buildings” organized by Indian Society of Structural Engineers (ISSE) Kolhapur Local Centre in Association with WCE, Sangli & Shivaji University, Kolhapur, on 14th February 2026.
- Completed One Week ISTE-Approved FDP on “Applications of Artificial Intelligence in Civil Engineering”, Organised by Department of Civil Engineering, ADCET, Ashta, India, from 27th – 31st January 2026.
- Completed an 8-week NPTEL-certified course on “Research Methodology” (Jul–Sep 2025) with a score of 82%, earning 2-3 academic credits.
- Participated in Annual Research Conclave at Srinivas University, Mangaluru held on 23rd August 2025.

- Completed One Week FDP on Fundamentals of Low Frequency NVH and Automotive Applications, Organised by Flora Institute of Technology, Pune supported by La Fondation Dassault Systems, India, from 16th – 21st June 2025.
- Participated in One day Webinar “Pushover Analysis of RCC Buildings” organized by EPICON Consultants Pvt. Ltd., on 8th February 2025.
- Completed One Week ISTE approved FDP “Structural Audits and Non-Destructive Testing of Buildings” organized by Departments of Civil Engineering, ADCET, Ashta, from 13th – 17th January 2025.
- Completed Tata Tiscon E-Discovery Webinar Series on, “Super Ductile Bars & Cost Effectivity”, 11th December 2024.
- Completed One Week FDP “Strengthening and Rehabilitation of RCC Elements for Sustainable Infrastructure” Jointly organized by Departments of Civil Engineering, R. H. Sapat College of Engineering, Management Studies and Research Nashik and University of Visvesvaraya College of Engineering (UVCE), Bengaluru, from 25th – 29th November 2024.
- Completed One Week FDP “Material Characterization and Optimization” conducted by Mechanical Engineering Department, CVR College of Engineering, Ibrahimpatnam, Telangana, 24th – 28th September 2024.
- Completed One Week online FDP “Advancing Research & Innovation : Strategic Implementation of NEP, Autonomy and IPR Development” conducted by Civil Engineering Department, Karmaveer Adv. Baburao Ganpatrao Thakare College of Engineering Nashik, 03rd – 07th September 2024.
- Completed the AICTE Evaluated 2-Week Patent Course organized by Turnip Innovations from 1st August to 14th August 2024.
- Participated in one Week online FDP “Advances in Civil Engineering” conducted by Civil Engineering Department, PVPIT, Budhgaon, 22-26 July 2024.
- Participated in a One week National e-Workshop on “Innovation & Intellectual Property Rights (NeW IPR-2024)” organized by CSIR-Institute of Minerals Materials Technology, Bhubaneswar, India from 24th June to 29th June 2024.
- Participated in Two Days National Level Workshop, “MATLAB Applications in Civil Engineering” organized by School of Civil Engineering, MIT Academy of Engineering, Alandi (D), Pune, Maharashtra on March 31st 2024 and April 01st 2024.
- Participated in One Week Online Program, “IP DOST - 2024” organized by Innovative Technology Enabling Center – InTEC, CSIR – Institute of Minerals and Material Technology (IMMT), Bhubaneswar during Feb 19-24, 2024.
- Participated in One Week Online Workshop, “Patent SEA - 2024” organized by Innovative Technology Enabling Center – InTEC, CSIR – Institute of Minerals and Material Technology (IMMT), Bhubaneswar during Jan 22-27, 2024.

- Participated in a One week National e-Workshop on “Innovation & Intellectual Property Rights (NeW IPR-2023)” organized by CSIR-Institute of Minerals Materials Technology, Bhubaneswar, India from 12th June to 17th June 2023.
- Participated in a One week Virtual STTP on “Advances in Earthquake Resistant Design of Structures (AERDS-2021)” organised by S V National Institute of Technology, Surat from 18th January, 2021 to 22nd January, 2021.
- Participated in a One week STTP on “Advanced Research Topics in Geotechnical and Structural Engineering - ARTGS 2020” organised by S V National Institute of Technology, Surat from 28th November, 2020 to 02nd December, 2020.
- Completed Two week course on “Digital Transformation in Teaching Learning Process”, organised by Indian Institute of Technology, Bombay from 6th April, 2020 to 22nd April, 2020.
- Completed an 8-week NPTEL-certified course on “Introduction to Research” (Aug–Oct 2019) with a score of 73%, earning 2-3 academic credits.
- Participated in a One week workshop on “Course Management and Technology based Teaching” organised by WCE, Sangli under AICTE Margdarshan Scheme from 21st January, 2019 to 25th January, 2019.
- Participated in a One Week STTP on “Elementary Course on Experimental Research” organised by S V National Institute of Technology, Surat on 13th to 17th November, 2017.
- Participated in a One day National Seminar on “Advances in Geotechnical Engineering (AGE 2017)” organised by S V National Institute of Technology, Surat on 4th November, 2017.
- Participated in a Two days National Seminar on “Pile Foundation-Advances in Design and Construction Practices” organised by S V National Institute of Technology, Surat from 27th May, 2017 to 28th May, 2017.
- Participated in a Two-week ISTE STTP on “Introduction to Structural Engineering” conducted by Indian Institute of Technology Kharagpur from 30th November, 2015 to 9th January, 2016.
- Participated in a One-week ISTE approved STTP on “Advanced Construction Trends” conducted by PVPIT, Budhgaon from 21st December, 2015 to 26th December, 2015.
- Attended the Indo-Norwegian Training Programme on “Nonlinear Modelling and Seismic Response Evaluation of Structures” organized by the Department of Earthquake Engineering, Indian Institute of Technology Roorkee in collaboration with NORSAR and NGI, Norway during Dec.14-16, 2014.
- Participated as delegate in the Two Days National Level Workshop on “Research Methodology” organized by Dept. of Mechanical Engg. of WCE, Sangli during 11-12th April 2014.

- Participated in a Two-week ISTE STTP on “Finite Element Method Using ANSYS” conducted by WCE, Sangli from 23rd December, 2013 to 8th January, 2014.
- Participated in Eight week Indo-US Collaboration for Engineering Education (IUCEE) Virtual Academy Mini Course “Sustainable Energy Systems” offered from 23 Jan - 13 Mar 2013 by Prof. Ramesh K. Agarwal of Washington University (U.S.A).

::: **Actively participated/worked in/as:**

- Working as a Member of Planning and Development Cell (Institute Level) of WCE, Sangli.
- Working as a Departmental Exam Coordinator (DEC).
- Working as a Testing In-Charge of Applied Mechanics Department.
- Working as a NBA Co-coordinator of Applied Mechanics Department.
- Working as a Postgraduate Phase Examination coordinator (Institute Level) of WCE, Sangli
- Working as a Co-staff advisor for specified sports categories (Institute Level) of WCE, Sangli
- Working as a Co-cordinator for students chapter of Indian Society of Structural Engineers for professional society membership of students.
- Worked in the Institute Level Committee of Facilitation Center, Admission Reporting and Institute Level Round for UG and PG Admission for AY 2021-21, 2021-22 & 2022-23.
- Worked in the committee of merit list verification of institutes in Sangli district.
- Woked as a reviewer for Elsevier Journal, Materials Today: Proceedings.
- Organised and worked as a Coordinator for various industrial visits & construction site visits of UG and PG students.
- Worked as a Lab Incharge of Concrete Technology Lab and Testing Incharge at WCE, Sangli.
- Worked as Activity Coordinator for TEQIP III Sponsored Software Training on “Finite Element Simulation with ANSYS Workbench” conducted by WCE, Sangli on 15th February 2020 to 18th February 2020.
- Worked as Co-coordinator a One-week ISTE approved STTP on “Advanced Construction Trends” conducted by PVPIT, Budhgaon from 21st Dec, 2015 to 26th Dec, 2015.
- Involved in the process of NBA/NAAC/NIRF activities for Civil Engineering & Applied Mechanics department of WCE, Sangli.
- Worked as Invigilator, Examiner, Paper-setter, Practical/Oral Internal Examiner and Practical/Oral External Examiner.

::: **References:**

1. **Dr. S. B. Kadam:** Professor & Head, Applied Mechanics Department, Walchand College of Engineering, Sangli, Maharashtra.

2. **Dr. G. R. Vesmawala:** Professor, Civil Engineering Department, Sardar Vallabhbhai National Institute of Technology, Surat.

Declaration :-

I hereby declare that all above information given by me is true.

Place:

Date: / /

Signature:

Name: Atul Siddheshwar Patane