

Curriculum Vitae

❖ Personal

Name:-

Rajendra Dinkar Patil

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E Mail:-

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Address:-

01-A, Geeta Nagar, Wadibhokar Road,
Deopur, Dhule. 424-002 (MS)

Date of Birth:-

16th November 1986

Marital Status:-

Married

Languages Known:-

English, Hindi, Marathi

❖ Institutional Major Task

- Admission Coordinator & Counselor
- University Exam Coordinator
- Maintenance Engineer (Planning & Management)
- NAAC / NBA Departmental Coordinator

❖ Work Experience

➤ Total Work Experience 13 Years, 03 Months

- **Aug. 2012 - Present** Assistant Professor
SES's R. C. Patel Institute of Technology, Shirpur (MS)
- **Aug. 2011 – Aug. 2012** Assistant Professor
SSVPs BSD Polytechnic & College of Engineering, Dhule (MS)
- **Aug. 2010 – Aug. 2011** Assistant Professor
MVP's KBGT College of Engineering, Nashik (MS)
- **May 2010 – Aug. 2010** Site Engineer
A. V. Associates & Sathe Construction, Pune (MS)

❖ Achievement

- **2013 - University Topper (First)** in Master of Engineering
- **2015 – University Approval** as Assistant professor
- **2017 - Research Grant**, Title of project: Condition assessment of concrete quality by Ultrasonic Pulse Velocity Funding Agency: Vice Chancellor Research Motivation Scheme (North Maharashtra University, Jalgaon) Sanction amount: - Rs. 105000/-
- **2022 – Patent Registered & Commercial** – Design of Permeability for soil
- **2023 – Patent Registered & Commercial** – Water Tank Ventilator
- ➤ Admission Coordinator

❖ Education & Qualifications

- **Jan. 2021 - Present** **PhD** (Pursuing)
Oriental University, Indore (MP)
- **Jul. 2011 – May 2013** **Master of Engineering** (Distinction)
SSVP's, B.S.D. College of Engineering, Dhule (MS)
- **Jul. 2007 – May 2010** **Bachelor of Engineering** (Distinction)
SSVP's, B.S.D. College of Engineering, Dhule (MS)
- **Jul. 2004 – May 2007** **Diploma in Civil Engg.** (Distinction)
SSVP's, B.S.D. Polytechnic, Dhule (MS)
- **Jul. 2004** **SSC.** (First Class)
KSK. New City Highschool, Dhule (MS)

❖ Academic Project in PhD, PG, UG & Diploma

➤ Research Project:-

“Evaluation of Condition Assessment of Concrete with Ultrasonic Pulse Velocity”

➤ ME. Project:-

“Functional Audit of PHC Building in Dhule.”

➤ BE. Project:-

“Structural Design in Limit State Methods on Spread sheet”

➤ DIPLOMA Project:-

“Design of a Water Supply Scheme for Village Wadibhokar”

❖ Paper Publications

- **“Proposing a Water Distribution Network Solution for an Arid Region Using the Criticality Tool”** in *IOP Conference Series: Earth and Environmental Science IOP Conf. Ser.: Earth Environ. Sci.* 1130 012043
- **“Framework for Functional Audit of Primary Health Centers Using AHP”** in *International Journal of Mathematical Sciences & Engineering Applications (IJMSEA)* ISSN:-0973-9424
- **“Weighted Mean Distance – An Index to Measure Suitability of Geographical Locations of PHCs:”** in *International Journal of Innovative Research in Science, Engineering & Technology (IJIRSET)*, ISSN (Online):-2319 – 8753 ISSN (Print):- 2347 – 6710
- **“A Civil Engineering Innovative solution for the Slum people in Shirpur city”** in *International Journal on Recent and Innovation Trends in Computing and Communication (IJISSN: 2321-8169 Volume: 4 Issue: 4 220 – 223*

❖ Book Publication

- “Functional Audit of Primary Health Centers of Dhule” in *Infrastructure & Audit Lambert Academic Publications.*

❖ Professional Membership & Reviewer

- Life Time Membership of Institute of Engineering Research & Publications (IAENG)
- Life Time Membership of American Concrete Institute (ACI)
- Life Time Membership of National Society of Professional Engineers (NSPE)
- Life Time Membership of International Association of Water, Environment & Society
- Member of International Association of Engineers (IAWEES)
- **Reviewer** *Advances in Science, Technology and Engineering Systems Journal (ISTESJ)*

❖ Coursera

Sr. No.	Title of Course	University	Duration
1	Assessment for Learning	Illionois University	6 - Weeks
2	Introduction to Programing with MATLAB	Venderbilt University	5 - Weeks
3	Learning to Teach Online	UNSW University sydney	6 - Weeks
4	Renewable Energy & Green Building	Duke University	5 - Weeks
5	Introduction to Engineering mechanics	Georgia institute of technology	5 - Weeks
6	Natural Gas	The State University of New York	4 - Weeks
7	Safety in the Utility Industry	The State University of New York	4 - Weeks
8	Mechanics of Materials I: Fundamentals of Stress & Strain and Axial Loading	Georgia Institute of Technology	5 - Weeks
9	Mechanics of Materials II: Thin-Walled Pressure Vessels and Torsion	Georgia Institute of Technology	5 - Weeks
10	Mechanics of Materials III: Beam Bending	Georgia Institute of Technology	5 - Weeks
11	Mechanics of Materials IV: Deflections, Buckling, Combined Loading & Failure Theories	Woodruff School of Mechanical Engineering, Georgia Institute of Technology	2 - Weeks
12	Material Behavior	Georgia Institute of Technology	4 - Weeks
13	Our Energy Future	University of California San Diego	8 - Weeks
14	Global Energy & Climate Policy	University of London & SOS University of London	6 - Weeks
15	Sustainability of Social-Ecological Systems: the Nexus between Water, Energy and Food	Universitat Autònoma de Barcelona	6 - Weeks

❖ Workshop

Sr. No.	Title of Workshop	Level	Place	Period
1.	The Ambuja Concrete Mix Design Workshop	National	Indian Engineering Society, Nashik.	16 th to 18 th March 2011
2.	AAkash for Education	National	ISTE IIT Bombay Conducted By RCPIT, Shirpur.	10 th to 11 th November 2012
3.	Engineering Mechanics	National	ISTE IIT Bombay Conducted By RCPIT, Shirpur.	26 th to 06 th November 2013
4.	Mission 10X Engineering Faculty Workshop	National	Wipro India.	9 th to 11 th December 2013
5.	Fluid Mechanics	National	ISTE IIT Kharagpur Conducted by RCPIT, Shirpur.	26 th to 06 th November 2013
6.	Vision Maharashtra 2047 (Water, Energy, Industry & Transportation)	National	Bharatratna MVSS, Dhule.	9 th February 2014
7.	Pedagogy for Effective use of ICT in Engineering Education	National	ISTE IIT Bombay Conducted by RCPIT, Shirpur.	8 th to 31 st January 2015
8	Environmental Studies	National	ISTE IIT Bombay Conducted by RCPIT, Shirpur	2 nd to 12 th June 2015
9	Introduction to Structural Engineering	National	ISTE IIT Bombay Conducted by RCPIT, Shirpur.	30 th Nov. to 9 th January 2016
10	Treatment of Waste Issues, Challenges, & Problem Solving	National	COEP, Pune	27 th to 31 st March 2017
11	Foundation Program in ICT for Education	National	ISTE IIT Bombay Conducted by RCPIT, Shirpur.	03 rd Aug. to 7 th September 2017
12	Ultratech Concrete Mix Design	Nation	SVNIT, Surat.	21 th December 2018
13	Exploring Research Topics & Techniques of Technical writings	Nation	SVNIT, Surat.	25 th to 31 st December 2019
14	Durability of Concrete	Nation	NIT, Suratkhal, Karnataka	26 th to 30 th October 2021
15	Air Pollution & Health Hazards (APPH-2021)	Nation	Dr. B. R. Ambedkar National Institute of Technology, Jalindhar, Punjab	31 st March 2022
16	Solid Waste Management	Nation	Delhi Research Implementation & Innovation, Delhi	10 th April 2022
17	Research Opportunities in environmental Engineering	Nation	Bhartiya Vidyapeeth, Pune	20 th to 25 th July 2020
18	Waste to Bioenergy	Nation	Sharda & MIT Unviersity	28 th to 30 th July 2020
19	Advances in Concrete Construction and Techniques	Nation	MVPS's KBT College of Engineering, Nashik	10 th to 15 th August 2021

❖ Consultancy Projects (Soil Testing & NDT Testing Gross in Rs. 2,10,000/-)

➤ 2013-14	“Safe Bearing Capacity of Soil for Construction of Slum House under IHSDP Scheme, Shirpur.”	Rs. 4000/-
➤ 2014-15	Safe Bearing Capacity of Soil for Construction Varzadi Road Filtration Plant Substation, Shirpur, Dist. Dhule	Rs. 4000/-
➤ 2019-20	Structural Audit for Elevated Storage Reservoir (Approx. 25000 Liters Capacity Water Tank) At Village Gidhade, Tal. Shirpur, Dist. Dhule	Rs. 12000/-
➤ 2019-20	Structural Audit Report for Kharedi Vikri Office RCC Building, CSN-1475, Opposite of Lal Bag Hanuman Temple, Dhule.	Rs. 5000/-
➤ 2019-20	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Kharde Bk; Tal. Shirpur, Dist. Dhule	Rs. 12000/-
➤ 2019-20	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Bharwade; Tal. Shirpur, Dist. Dhule	Rs. 12000/-
➤ 2019-20	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Tajpuri; Tal. Shirpur, Dist. Dhule	Rs. 12000/-
➤ 2019-20	Determination of Safe Bearing Capacity (SBC) of Soil, (by Lab Test for (S+0)), for 33 KV Electricity High Transmission Tower Mauje Sarangkhedha, Tal- Shahada, Dist-Nandurbar.	Rs. 7000/-
➤ 2019-20	Determination of Safe Bearing Capacity (SBC) of Soil, (by Lab Test for (S+0)), for 33 KV Electricity High Transmission Tower Mauje Sarangkhedha, Tal- Shahada, Dist- Nandurbar.	Rs. 7000/-
➤ 2019-20	“Safe Bearing Capacity of Soil for Construction of Steel Truss at Shirpur Krushi Utpanaa Samitte, Shirpur.”	Rs. 4000/-
➤ 2020-21	Non Destructive Testing Report for Tapi River Bridge (Old Bridge), At Savalde, Tal. Shirpur, Dist. Dhule.	Rs. 4000/-
➤ 2020-21	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Vaghadi; Tal. Shirpur, Dist. Dhule	Rs. 15000/-
➤ 2021-22	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Shingave; Tal. Shirpur, Dist. Dhule	Rs. 15000/-
➤ 2021-22	“Safe Bearing Capacity of Soil for Proposed CNG Plant At Tardi, Tal.- Shirpur, Dist. Dhule	Rs. 14775/-
➤ 2021-22	Structural Audit for Elevated Storage Reservoir (Approx. 50000 Liters Capacity Water Tank) At Village Babhulde; Tal. Shirpur, Dist. Dhule	Rs. 15000/-
➤ 2021-22	Structural Audit for Elevated Storage Reservoir At Village Chaugaan Kh. Tal. Shindhkheda, Dist. Dhule	Rs. 15000/-
➤ 2021-22	Structural Audit for Elevated Storage Reservoir At Village Waghadi. Tal. Shindhkheda, Dist. Dhule	Rs. 15000/-
➤ 2022-23	“Safe Bearing Capacity of Soil for Proposed G+6 Residential Project of Smily Construction Pvt. Ltd., At Karwand, Tal.- Shirpur, Dist. Dhule	Rs. 8800/-
➤ 2023-24	Structural Audit for Load Bearing Structure School Building (G+1), Inspection Report At St. Xavier Canossa School, Station Road, Dhule, MS	Rs. 15000/-

❖ Professional Strength

- Possess more than Fifteen Years of professional experience as Lecturer in Civil department.
- Well known experience in Academic Admission Counselling
- Arranged the Various Technical Visits & Guest Lecture.
- Possess excellent teaching and monitoring skills.
- Ability to complete assigned course within limited time period.
- Ability to explain technical concepts and ideas in a clear and precise way.
- Proficient in grasping in new technical concepts and utilizing them in an effective manner.
- Self-motivator and excellent team player.

I hereby declare the above-listed particulars of information and evidence are true to the best of my knowledge.

Place:-Dhule

Date:- 11 January 2025

Rajendra Dinkar Patil