

## Curriculum Vitae

1. Name: Aditya S. Gangane

2. Designation & Department: Assistant Professor Civil Engineering

3. Correspondence address

“Shivashrya”,

Bhagwat Wadi, Station Road,

Ramdas Peth, Akola 444001

4. Email(s) and contact number(s) aditya.gangane@gmail.com

5. Date of Birth 2<sup>nd</sup> June, 1992

6. Academic Qualification (Undergraduate Onwards)



Sr. No	Degree	Year	Subject	University/Institution	CGPA
1	B.E. Civil Engg.	2015	Civil	S.G.B.A.U.	7.91
2	M.E. Civil Engg.	2017	Constrn. Engg. & Mgmt.	S.G.B.A.U.	8.83
3	PGDUPDL	2019	Urban Planning & Development	IGNOU New Delhi	68.40
4	GATE	2023	Architecture	IIT Kharagpur	294
5	PhD			S.G.B.A.U.	Pursuing

7. Ph.D thesis / M.E Dissertation title, Year of Award.

- **M.E. Construction Engg. & Mgmt.**

Assessment of Impact of Construction Documents and Records on Project Completion and Risk Management (2017)

- **PGD Urban Planning & Development**

Municipal Solid Waste Management Practices at Akola City (2019)

8. Work experience (in chronological order).

Sr. No.	Designation	Name of the Institute	From	To
1	Lecturer	R.R.K Polytechnic Murtizapur	2016	2016
2	Assistant Professor	C.O.E.&T.Akola	July 2017	Till date

9. Professional Recognition/ Award/ Achievement/ Certificate received.

- Indian Green Building Council - IGBC Accredited Faculty, Hyderabad 2021
- Effective Engineering Teaching Techniques in Practise - IIT Madras 2019

- University Merit in Post-Graduation , SGBAU Amravati, 2017

10. Publications (*List of papers published in Journals, in year wise descending order*).

Sr. No	Author(s)	Title	Name of Journal /Conference	ISSN/ISBN	Vol	Page	Yr
1	Aditya S. Gangane	Investigating the Planning Concepts of Sustainable and Stable Old Structures	Best Practices in Good Governance, Ministry of Education, GOI, NITTR Bhopal				2022
2	Aditya S. Gangane	Review Study of Step Wells	IC – MRD, MSOET, MSOP, Akola	2456-236X			2022
3	Aditya S. Gangane	Green Building Rating Agency – Parameters and Limitations	IC – SDCT, D.Y. Patil COE, Akurdi, Pune				2021
4	Aditya S. Gangane	Identifying Generic Issues and their Effects in Construction Project Management	IJIIRD	2456-236X	5		2020
5	Aditya S. Gangane	Road Marking System A case study of Akola City	IRJET	2395-0056	7(4)	2060-64	2020
6	Aditya S. Gangane	Analysis of Municipal Solid Waste Management System incorporated at Akola City	NC - SIDM, VNIT Nagpur				2019
7	Aditya S. Gangane	Documentation and Recordkeeping Assessment Survey and Review Study in Construction Industry	IJPRET	2319-507X	6(2)		2017
8	Aditya S. Gangane	Impact of Construction Documents and Records on Project Management	Elixir International Journal	46315-46318	105		2017
9	Aditya S. Gangane	Impact of Construction Documents and	IJESRT	2277-9655	6 (3)		2017

		Records on Sustainable Project Management: An Overview					
10	Aditya S. Gangane	Quality Audit for Sustainable Construction Management	IJPRET	2319-507X	5(2)		2016
11	Aditya S. Gangane	Study of Municipal Solid Waste Management Practices at Akola City	IJPRET	2319-507X	4 (9),		2016
12	Aditya S. Gangane	Resource Optimization Strategy: C & D Waste Management	IJPRET	2319-507X	4 (8)		2016
13	Aditya S. Gangane	Special Repair Techniques for Masonry and Heritage Structures	IJRESTS	2395-6453	1 (8)		2015
14	Aditya S. Gangane	Sustainable Design Approach for Social Area - Market Place	IJPRET	2319-507X	3 (8)		2015
15	Aditya S. Gangane	Analysis of Ground Water and Compare It with World Health Organization (WHO) For Akola City.	IJPRET	2319-507X	3 (8)		2015
16	Aditya S. Gangane	Sustainable Design Concept for Market Area.	Transactions on Engineering and Sciences	2347-1964			2015

#### 11. Detail of STTP/ WORKSHOP.

##### FDP (15)

1. Recent Advances in Composite Materials Integrating Modelling and Experimental Approaches 1 W FDP, MVGR COE Vizianagaram Andra Pradesh from 17th to 21st November 2025
2. Universal Human Values - UHV I AICTE FDP 24th to 28th February 2025
3. Brain O Vision FDP - AI Tools, 17th to 21st February 2025
4. ATAL FDP - Data Analytics for Smart Mobility 3rd to 8th Feb 2025
5. Nanotechnology Trends and Applications FDP JDIT Yavatmal 13<sup>th</sup>-18<sup>th</sup> Jan 2025
6. SWAYAM - NPTEL FDP - Stress Management, 76%, Elite + Silver IIT Kharagpur, Aug-Sept. 2024
7. Technology Advancement in Civil Engineering Dr. V. B. Kolte College of Engineering, Malkapur, 27th May to 31st May 2022

8. Green Technology A Journey Towards Social Upliftment COET Akola FDP, 10th to 14th Jan 2022
9. ATAL FDP - Application of Sustainable Construction Engineering for Enhancing Durability of Existing Structures from 19th July to 23rd July 2021 at VNIT Nagpur by ATAL New Delhi
10. Green Buildings & Built Environment on 31<sup>st</sup> May to 4<sup>th</sup> June 2021, by Indian Green Building Council & ATAL New Delhi
11. Application of A.I. & I.o.T in Civil Engineering, TEQIP III Sponsored 3 Days FDP September 14-16, 2020 by DOCE, by Rajasthan Technical University & Geetanjali Institute of Technical Studies Udaipur Rajasthan
12. Development of E – Content, Shri R.L.T. College of Science Akola, 8<sup>th</sup> June to 15<sup>th</sup> June 2020
13. Introduction of Accreditation Mechanism & NBA Approach, Padm. Dr. V. B. Kolte COE, Malkapur (M.S.) 11<sup>th</sup> May to 15<sup>th</sup> May 2020
14. Body Language - IIT Roorkee NPTEL - 69% in Elite Class August 2019
15. Effective Engineering Teaching Techniques in Practise - IIT Madras NPTEL -64% in Elite Class 2019

#### STTP (17)

1. Integration of Indian Knowledge in Present Education System, Civil Engg. Dept. COET Akola 2 Week 23<sup>rd</sup> June to 3<sup>rd</sup> July 2025
2. NEP based Curriculum framing. Implementation & Pedagogical Strategies, C.O.E.T. Akola 2 Week 15<sup>th</sup> – 27<sup>th</sup> July 2024
3. Innovative and Creative Approaches for Teaching and Research, C.O.E.T. Akola 16<sup>th</sup> – 20<sup>th</sup> Jan. 2024
4. Futuristic Trends in Civil Engineering for Sustainable Development, YCCE Nagpur, 4<sup>th</sup> Dec - 9<sup>th</sup> Dec 2023
5. Effective Drafting of Research Paper and IPR, STTP DY P Pune, 18<sup>th</sup> -23<sup>rd</sup> Dec 2023
6. Implementation of Universal Human Values in Teaching and Environmental Conservation, 2 Week STTP, C.O.E.T.A. 5<sup>th</sup> – 16<sup>th</sup> Jan 2023
7. GIS for Smart Cities Presidency University Bengaluru & KSTA, Karnataka 12<sup>th</sup> to 16<sup>th</sup> December 2022
8. Recent Trends of Machine Learning and Data Science, 2 weeks STTP, CSE, COETA, 18<sup>th</sup> to 28<sup>th</sup> January 2022
9. Advance Construction Techniques in Low Cost Civil Structures for Modern Living on 7<sup>th</sup> to 12<sup>th</sup> December 2021, by KKR & KSR ITS Guntur A.P.
10. Computational Intelligence in Earthquake Resistant Design by Civil Engg. Dept. PRMCEAM Amravati, 3<sup>rd</sup> to 8<sup>th</sup> August 2020
11. Latex – The Document Processor by I.T. Department Sipna C.O.E. T. Amravati, 20<sup>th</sup> to 24<sup>th</sup> July 2020
12. Climate Responsive Settlement Planning, Urban Design and Architecture, by Tulsiramji Gaikwad-Patil College Of Architecture, Nagpur , 23<sup>rd</sup> to 27<sup>th</sup> June 2020
13. Innovation and Upgradation in Infrastructural Technology, by Terna Engineering College, ICAI & IEI Mumbai 27<sup>th</sup> May to 2<sup>nd</sup> June 2020

14. Machine Learning & Its Applications in Research & Development 2 Week @ COETA. Dec 2018 ISTE Approved
15. NDT – A Practical Approach Sipna COE, Amravati 1 Week 25<sup>th</sup> -30<sup>th</sup> Nov.19 AICTE, ISTE Approved
16. Research Writing & Patenting Methodology @ COETA. April 2018, ISTE Approved
17. Utilisation of Green Energy @ Padmashree Dr. V.B. Kolte COE Malkapur August 2018, ISTE Approved

#### WORKSHOPS (12)

1. CBCS – NEP Executors Training Program @ SGBAU & COETA, 17th September 2022.
2. IPR - Patent and Design Process on 20th Dec 2021, COETA & RGNIPM Nagpur
3. Valuation of Real Estate Properties on 27<sup>th</sup> May 2021, by JNEC - MGM University Aurangabad
4. Advance Construction Materials & Technology, @ C.O.E.T.A. 27<sup>th</sup> Jan. 2020.
5. Intellectual Property Rights, by R & D Cell C.O.E.T.A. 23<sup>rd</sup> Jan. 2020.
6. 2 Days workshop and exhibition - RAMCON by INSTRUCT Bangalore and ACCE Akola Centre at Shubh Karta Lawns Akola, 14<sup>th</sup> & 15<sup>th</sup> December 2019
7. Electrical Safety by Rallis India & C.O.E.T.A. @ Akola Sept. 2019
8. 100 (or more) Mistakes to avoid on Site during Building Construction by ACCE India at Akola 14<sup>th</sup> Sept. 19.
9. E- Tendering & Contractors Class Registration @ C.O.E.T. Akola 7<sup>th</sup> March 2019
10. Safety in Construction Technology @ C.O.E.T. Akola Oct. 2017
11. Structural Audit: Concept, Scope & Procedure @ Gov. College of Engg. Amravati. 9,10 Aug. 2016
12. Innovations in Building Chemicals @ PRMCEAM Badnera. Nov. 2015

#### 12. Other Achievements

- Merit in Auto Cad Exam - Government Certified 2014.
- Outstanding Performance Certificate in H.S.S.C. Examination, 2010
- All the Fields of Education Award - All Rounder Award, 2009
- Gold Medal in National Science Olympiad Exam 2009.
- MSCIT - (Government Certified), 2006

#### 13. Field of Expertise / Specialization.

Building Planning, Building Services, Sustainable and Green Building Construction

Project Planning & Management,

Date and Sign