

**Mr. Manoj B. Patil**  
 Assistant Professor,  
 MVPS's, KBT College of Engineering,  
 Udoji Boarding Campus,  
 Gangapur road,  
 Nashik-422013



**Research and Teaching Interest :**

In areas of Civil Engineering such as Environmental Engineering, Irrigation Engineering, Watershed Development. Physico-chemical processes for water and wastewater treatment. Low-cost water and wastewater treatment. Soil and water conservation, Rainwater harvesting.

**Publications: Total: 06**  
**Journals:05**

**Conferences:01**

**Personal information:**

**Date of birth** : 16<sup>th</sup> April 1989

**Nationality** : Indian

**Sex** : Male

**Marital Status:** Married

**Languages Known:** English, Hindi and Marathi.

**Date of birth** : 16/04/1989

**Present address:**

Flat No.15, Saivihar Apartment, Kalyani Nagar, Gangapur road,  
 Nashik

**Email:**

patil.manoj89@kbtcoe.org  
 manojpatil547@gmail.com

**Mobile Number:**

+91 8975922170

**Education Qualification:**

Qualification	Institution	Board/University	Year of Passing	%	Class
<b>M.E</b>	S.R.E.S. C.O.E.Kopargaon	Pune University	2016	6.98	First class
<b>B.E</b>	S.N.J. B's C.O.E.Chandwad	Pune University	2011	60.27	First class
<b>HSC</b>	K.A.N.M.S. College Satana	Nashik Divisional Board	2007	66.17	First class

**Grants and Projects undertaken :** Smart campus project (Wastewater treatment by using anaerobic baffled reactor followed by phytoremediation technique, AY 2019-20, Amount: 85,000)

**Summary of Experience:**

1. MVPS KBT COE, Nashik working as a Assistant Professor in Civil Engineering Department from 18/09/2017 to till date.
2. Sandip Institute of Engineering and Management, Nashik worked as a Assistant Professor in Civil Engineering Department from 10/05/2016 to 16/09/2017
3. G.E.S.'s R.H.Sapat College of Engineering ,Management Studies and Research Nashik – 05 worked as a Assistant Professor in Civil Engineering Department from 25/06/2012 to 30/04/2016
4. SNJB's. S.H.H.J.B's Polytechnic Chandwad worked as a Assistant Professor in Civil Engineering Department from 04/07/2011 to 31/05/2012.

**Professional Experience:**

1. Design and execution of 2.5 KLD anaerobic baffled reactor for the wastewater treatment facility at MVPS KBT COE, Nashik.

**Courses Undertaken:**

<b>Sr. No.</b>	<b>Topic</b>	<b>Duration</b>	<b>Date</b>
1.	Wastewater Treatment and Recycling	12-week course	July-October 2018
2.	Integrated Waste management for a smart city	12-week course	Jul-Oct 2019
3.	Water Supply Engineering	12-week course	Jan-Apr 2020
4.	NBA Accreditation and Teaching - Learning in Engineering (NATE)	12-week course	Jan-Apr 2020

**Teaching Experience (Subject Thought):**

1. F.E. -Basic Civil & Environmental Engineering, Engineering Mechanics, Environmental Studies-II,
2. S.E.- Surveying
3. T.E.- Environmental Engineering-I, Advanced Surveying, Irrigation Engineering
4. B.E.- Environmental Engineering-II, Hydropower Engineering
5. M.E.-Environment and Energy for Sustainable Construction

### **Membership in Professional Organizations:**

1. Life member of Indian Society for Technical Education (ISTE) (LM 129479)
2. Life member of Association of Consulting Civil Engineers (India) (LM No. 5506-L)

### **Computer Skills:**

1. MS Office
2. AutoCAD

### **Faculty development programs (FDP/STTP/workshops/QIP) attended:**

1. A State Level Seminar on “Watershed Management in India” Organized by SNJBCOE, Chandwad, Under Quality Improvement Programme of Pune University of 19-20 Jan2013.
2. Workshop of Engineering Mechanics organized by IIT Bombay under NTRDA programme at N.D.M.V.P’S C.O.E.Nashik
3. Two day's workshop on “Analysis and design of modern steel structures” organized by Sandip Foundations, Sandip Institute of Engineering and Management during 24th and 25th March 2017.
4. Workshop on “Utilization of waste materials in construction for sustainable development” Organized by M.V. P’S C.O.E. Nashik during 09th and 10th February 2018.
5. FDP on “Advanced techniques in surface and subsurface surveying”Organized by M.V.P’S C.O.E. Nashikduring 28th to 31<sup>st</sup> MAY 2018.
6. Field training of Jet Grouting-at Takli Kalan project-Amravati
7. ISTE approved One day Workshop on Standard Test Methods for Analysis of Wastewater organized by Pimpri Chinchwad COE (Civil Dept.) on 15 th June 2018.
8. Two day's Indo-US workshop on “Hazardous Materials Management” organized by Sandip University Nashik, during 14th November to 15 November 2018.
9. One day workshop on GRAM++ GIS Organized by M.V.P’S C.O.E. Nashikon 02-02-2019.
10. Workshop on “Iot for Defence” organized by NDMVP’s KBT COE(Instrumentation and Control Dept.) during 14/02/2019 to 15/02/2019.
11. One-week Faculty Development Program on “Advances in Water Engineering” organized by SGGs institute of engineering &Technology,Nanded during 11/03/2019 to 15/03/2019.
12. Industrial/Field training in Asia Pacific Waste Management (Working of effluent treatment plant) during 15/05/2019 to 22/05/2019.
13. FDP on “ICE based Innovative teaching learning Pedagogical Methods organized by NDMVP’s KBTCOE during 26/07/2019 to 27/07/2019.
14. Workshop on Student Induction” organized by NDMVP’s KBTCOE on 9-08-2019.
15. Online Research Methodology Workshop organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, India, during 18 April, 2020 to 20 April, 2020.

16. Online Multi Criteria Decision Making Workshop organized by REST Society for Research International (RSRI), Krishnagiri, Tamil Nadu, during 23 April to 25 April, 2020.
17. National level One Week Online Faculty Development Program (online mode) on “Open FOAM” Spoken Tutorial Project, IIT Bombay, remotely organised by Department of Civil Engineering, AISSMS College of Engineering, Pune, during April 28 to May 04, 2020.
18. Online workshop on Moodle learning management system organised by ABMSP’S Anantrao Pawar College of Engineering & Research - [APCOER], PUNE, during 4 May 2020 to 9 May 2020.
19. Online Faculty development programme on Opportunities & Threats in Engineering after COVID-19 – A Concept of Green Environment, organised by department of Civil Engineering, Sandip University, Nashik, during 13th May 2020 to 17th May 2020.
20. Online Faculty development programme on “Advances in Civil Engineering” organised by Department of Civil Engineering, Nagpur Institute during 26/05/2020 to 30/05/2020.
21. Online Faculty development programme on “Municipal Solid Waste Management during COVID-19 Pandemic” organized by Department of Chemical Engineering, Anurag Group of Institutions, Telangana during 28-30 May 2020.
22. Online Faculty development programme on Innovative teaching pedagogy in the technical institutions organized by MVPS’s K.B.T. College of Engineering, Nashik, during 1st June to 5th June 2020.
23. Online Faculty development programme on Domestic and Industrial Water and Waste Water Treatment organized by Department of Chemical Engineering B V RAJU INSTITUTE OF TECHNOLOGY (UGC Autonomous) Affiliated to JNTUH, Telangana Vishnupur, Narsapur, Medak -502313, during 6th to 10th June 2020.
24. Online Faculty development programme on Research in Environmental Engineering and A way Forward organized by Department of Civil Engineering of Pimpri Chinchwad College of Engineering, Pune in association with Environment Conservation Association (ECA), Pune, during 15th - 20th June, 2020.
25. One-week TEQIP online-STTP on Advanced technologies in water resource management (ATWARM-2020) organized by Government college of Engineering Aurangabad, during 23-27 November, 2020.
26. Online FDP on OBE-An integrated approach Organized by Department of Electronics & Telecommunication Engineering MVPSs, KBT College of Engineering, Nashik, during 11-12-2020 to 15-12-2020.
27. One week Online Short-Term Training Program on “Role of Teacher: To Boost Moral values, Ethics in Engineering Education System” Organized by Department of Electronics & Telecommunication Engineering MVPSs, KBT College of Engineering, Nashik, AICTE sponsored during 17-12-2020 to 23-12-2020.
28. AICTE sponsored one week online short-Term Training Program on Emerging applications of geographic information system (EAGIS-2020): Phase-3 organized by the department of Civil Engineering, AISSMS College of Engineering, Pune, during 14 December 2020 to 19 December 2020.

29. AICTE sponsored one week online short-Term Training Program on Empowering the moral values ethics and behavioural attitude in teaching skills among teachers Organized by Department of Electronics & Telecommunication Engineering Dr N G P Institute of Technology, Coimbatore, during 19-04-2021 to 24-04-2021.
30. AICTE-ISTE approved Orientation/refresher programme on improving excellence in teaching organized by Anantrao Pawar College of Engineering and Research, Parvati, Pune, Maharashtra, during 24/04/2021 to 30/04/2021.
31. Online workshop on Drafting of TE Civil 2019 Pattern Syllabus organized by the department of Civil Engineering, AISSMS College of Engineering, Pune, during 3<sup>rd</sup> May to 5<sup>th</sup> May 2021.
32. Participation in three days online National Level Faculty Development Program on 'Electric Vehicles: Present Status and Future Prospects' conducted on 06th, 07th and 08th May 2021.
33. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Recent advances in management and processing of industrial and domestic waste" from 16/08/2021 to 20/08/2021 at Siddaganga Institute of Technology.
34. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Waste Technology: Emerging Strategies in Waste Management Solutions" from 23/08/2021 to 27/08/2021 at Dr.Ambedkar Institute of Technology for Handicapped.
35. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Waste Technology" from 25/10/2021 to 29/10/2021 at National Institute of Technical Teachers' Training and Research, Kolkata.
36. Completed AICTE-ISTE approved Orientation/refresher programme on Outcome based education (in orientation with NBA) held during 13/12/2021 to 18/12/2021, organized by D. Y. Patil College of Engineering Akurdi, Pune, Maharashtra,
37. Participated in Three Days Online Workshop on "Implementation and Execution of Third Year Civil Engineering 2019 Pattern Syllabus" from 13th Jan 2022 to 15th Jan 2022.

#### **Journal Publication List : 05**

1. "Interpretation of Groundwater Quality Using Statistical Analysis from Kopergaon, Maharashtra, India", International Journal of Latest Trends in Engineering and Technology, ISSN 2278-621, Volume 6, Issue 2, in November 2015, pp.97-104.
2. "Study of physico-chemical parameters of groundwater quality along the periphery of Sanjivani Sugar Factory Kopergaon, Maharashtra", International Journal for Science and Advance Research in Technology, ISSN 2395-1052, Volume1, Issue 10 in October 2015, pp.137-142
3. "Chemical analysis of sugar mill effluent on groundwater quality" in Swayamprakash Journal.
4. "Use of Rice Husk and Activated Carbon as Adsorbents for Removal of Heavy Metals from Industrial Wastewater" International Research Journal of Engineering and Technology, e-ISSN: 2395-0056, Volume:08, Issue 10 in October 2021, pp.881-886

5. "Removal of hardness from drinking water by electrocoagulation using iron electrodes" International Journal of Emerging Trends in Engineering Research, ISSN 2347 – 3983, Volume -9, Issue 11 in November 2021, pp.1413 – 1417

### **Conference Papers and Posters: 01**

- 1."Solar power satellite", 4<sup>th</sup>International virtual conference on, Recent trends in Engineering and Technology, on 27<sup>th</sup> and 28<sup>th</sup> November, 2021 at Vishwakarma Institute of Information Technology, Pune.

### **Curricular/Co-curricular/Extra-curricular activities (Such as Lecture Delivered):**

1. Organized blood donation camp (Arpan blood bank,) in GES, s R.H.S.COE,Nashik on 15 September 2013.
2. Participation in National level Bridge Making Competition at MET College of Engineering Nashik.
3. Work as a departmental committee member in technical events.

### **Administrative Responsibilities:**

1. FE admission counselling committee member.
2. Active member in syllabus setting committee TE Civil (2019 Pat.) SPPU Pune.
3. TE Civil class coordinator
4. NBA Criteria-9 departmental coordinator
5. Paper setter and examiner for T.E. Civil 2019 Pattern subject of Water supply Engineering.

### **Career Aspirations:**

1. To work on the water and wastewater treatment project.
2. To involve actively in teaching learning process for allotted subject.
3. To maintain healthy environment for the progress of the department and institute.