

**Dr. Prashant Rameshpatil Awsarmal**  
Assistant Professor  
Ph.D. (Civil Engineering), M.E. (Structure)

Mobile: 81492 77773  
Email: mit.prashantpatil@gmail.com  
prashant.awsarmal@mit.asia

Total Experience (Teaching): 21 Years and 05 Months (Till 1<sup>st</sup> Nov, 2024)

Workshops/Conferences: More than 20+ seminars, workshops, conferences attended successfully

More than 41+ seminars, workshops, conferences organized successfully

Publications: 15+ Journals (UGC/SCI)

Google Citations: 51 Citations (h-index = 2) (i10-index = 1)

### Qualification:

Ph.D. Civil Engineering (2020)	Government College of Engineering Aurangabad	-
M.E. Structure Engineering (2007)	Government College of Engineering Aurangabad	60.00%
B.E. Civil Engineering (2003)	J.N.C.E. Aurangabad	73.00 %

### Experience:

- Current Employee:** Head Civil Engineering Department at G.S. Mandal's MIT Aurangabad  
(July 2023 to till date)
  - ✓ Oversees academic programs, faculty, and research. They ensure quality education, manage resources, and foster industry collaborations.
  - ✓ Drives strategic planning and growth for the department.
  - ✓ Manages departmental resources, budget, and infrastructure.
- Current Employee:** Assistant Professor at G.S. Mandal's MIT Aurangabad  
(Aug 2007 to till date)
  - ✓ Subjects: Strength of Material, Concrete Technology, Basic of Civil Engineering, Engineering Mechanics
  - ✓ Portfolio: Administration work, Class Teacher, Implant Training Co-ordinator, Class Test Co-ordinator, Sport Director, Conveyor of National Level Paper Presentation, Practical/Oral Co-ordinator, University Exam Controller, Industrial Visit Co-ordinator, Central Youth Festival Co-ordinator, etc
- Founder at Jal-Kranti Group Maharashtra (Sept 2014 to till date)
  - ✓ Worked on Projects like making village free from water tankers.
  - ✓ Projects Completed
    - Redevelopment of Saint Dnyaneshwar Udyaan Paithan-Aurangabad (Cost Rs 225 Crores) under Irrigation Department Government of Maharashtra
    - Redevelopment of Satara Khandoba Temple-Aurangabad (Cost Rs 60 Crores) under MSRDC Government of Maharashtra
    - Road Safety Audit of Beed-bypass (14 Km) Aurangabad under Police Commissioner office Aurangabad
    - Converting old constructed bridged (100 year old) into Water Barrage by public contribution (Cost Rs 10 Lakhs) (Completion Date May 2016)
    - Construction of CNB on River Shivna in Gangapur Tq. Aurangabad Dist. by public contribution (Cost Rs 50 Lakhs) (Completion Date June 2016)
    - Widening, Deepening, Strengthening of River bed for Eklahera-Nandeda-Kasdoda-Badachi Vadi by public contribution (Cost Rs 10 Lakhs) (Completion Date April 2016)
- Project Management Trainee at "M/S Rudranee Infrastructure Limited" (Sept 2003 to Jul 2004)
- Civil Engineering Purchase at "M/S Bhale & Phathe Associates, Aurangabad (Jun 2003 to Jan 2004)

## Projects:

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1. Ph.D. Thesis on “**Performance and Optimization of Steel Fiber Reinforced Metakaolin Geopolymer Concrete subjected to elevated temperature**” under the guidance of Dr. R.M. Damgir
2. M.E. Dissertation on “**Analysis and Design of Communication Tower**” under the guidance of Dr. R.S. Londhe
3. B.E. Project on “**High Performance Concrete**” under the guidance of Prof. A.S. Patil

## Papers/Poster:

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1. **Awsarmal P.R.** and Kapgate P. (2011) “Low Cost Housing” at first international conference on Sunrise Technologies at B.S.D.C.E.P. Dhule, 13-15 Jan, 2011
2. **Awsarmal P.R.** (2012) “Study of influence of Rice Husk Ash and fly ash on properties of soil” at International conference on Current Trends and Challenges in Management, Engineering, Computer Application and Technology ICCTCMECAT at Deogiri College Aurangabad on 23-25<sup>th</sup> March, 2012
3. **Awsarmal P.R.** and Charkha K. (2015) “Investigation of Concrete Properties With Different Types of Fibers With Their Variation of Volume Fraction and Different Aspect Ratio” International Journal for Science And Advance Research in Technology, Vol.1 (4), 2015
4. **Awsarmal P.R.** and Singh R.V. (2015) “Effect of Variation of Elevated Temperature on Compressive Strength of Metakaolin Concrete” International Journal for Science And Advance Research in Technology, Vol.1 (5), 2015
5. **Awsarmal P.R.**, Agrawal R.P. and Dahake A.G. (2017), “Study of various soil properties of Shivana River for construction of Raft foundation” National Conference on “Advanced Trends in Agricultural & Food Engineering (ATAFE), MIT Aurangabad 7-8 March, 2017, (ISSN-2277-5730)
6. **Awsarmal P.R.**, Agrawal R.P. and Dahake A.G. (2017), “Design of Weir by providing Raft foundation” National Conference on “Advanced Trends in Agricultural & Food Engineering (ATAFE), MIT Aurangabad 7-8 March, 2017, (ISSN-2277-5730)
7. **Awsarmal P.R.**, Agrawal R.P. and Regulwar D.G. (2020) “Groundwater Modeling: A Review Paper” at IIIRD Indian National Groundwater Conference (INGWC-2020) at CWRDM Kozhikode, Feb 18-20, 2020
8. SL Hake, RM Damgir, **PR Awsarmal** (2020) “Utilization of Plastic waste in Bitumen Mixes for Flexible Pavement” Elsevier Transportation Research Procedia, Volume 48, Pages 3779-3785
9. **PR Awsarmal**, RM Damgir, Sandeep L Hake (2020) “Investigation on Mechanical Properties of Metakaolin Added Steel Fibers Reinforced Concrete” Springer Techno-Societal 2018 Pages 869-878
10. **P.R. Awsarmal** (2022) as Key Note Speech at 3rd National Conference on Recent Trends in Engineering and Technology at RSSKBPCOE Satara on June 11, 2022
11. Ragini Thokal, Rohini Bhale, and **P.R. Awsarmal** (2022) Published paper "Case study of Autram Ghat Tunneling Kannad-Chalisagaon Road" at 3rd National Conference on Recent Trends in Engineering and Technology at RSSKBPCOE Satara on June 11, 2022
12. Nikhil Gaikwad, Dnyaneshwari Shinde, Deepak Shelke and **P.R. Awsarmal** (2022) Published paper "Measurement of Ambient Air Pollutants at MIT Aurangabad" at 3rd National Conference on Recent Trends in Engineering and Technology at RSSKBPCOE Satara on June 11, 2022
13. Prajakta Kapure, Sakshi Patil, Pratap Bhandwale and **P.R. Awsarmal** (2022) Published paper "Redevelopment of Khandoba Temple Satara Parishar Aurangabad" at 3rd National Conference on Recent Trends in Engineering and Technology at RSSKBPCOE Satara on June 11, 2022

14. **Prashant Awsarmal**, RM Damgir, Bhorkar Mangesh (2022) “Hardened Mechanical Properties of Fly ash based Bamboo Reinforced ferro Cement Mortar” International Conference on Recent Advancement in Infrastructural Development, Water Management and Climate Change.
15. Aher Rushikesh, Khivansara Kushal, and Swami Mahesh (BTFS) (Guide – **Prashant Awsarmal**) paper has been selected in National Conference which is being held at NEERI Nagpur.
16. Mangesh Sonwane, Satish Rasal, Ganesh More (TYSS)(Guide - **Prashant Awsarmal**) paper has been selected in National Conference "Roorkee Water Conclave-2020 at IIT Roorkee on Feb 26-28, 2020
17. Mangesh Sonwane, Satish Rasal, Ganesh More (TYSS) (Guide - **Prashant Awsarmal**) poster has been selected for second international conference on Sustainable Water Management under National Hydrology Project (NHP) under Ministry of Jal Shakti, Department of water recesses, RD & GR, Govt. of India on Nov 6-8, 2019 with no registration fee and travelling claim for participant.
18. Ajay Karlelar, Gunwant Jabinda, Gurvinder Jabinda (BTFS) (Guide - **Prashant Awsarmal**) research article (indexed in web of science and Scopus) has been selected in 6th International Conference Energy & City of Future, EVF2019 at MIT-ADT University Loni, Pune on December 18-20, 2019
19. Jaiswal Yash, Kabra Nandan, Rathod Suresh, Shaikh Afroj (BTFS)(Guide - **Prashant Awsarmal**) research article (indexed in web of science and Scopus) has been selected in 6th International Conference Energy & City of Future, EVF2019 at MIT-ADT University Loni, Pune on December 18-20, 2019
20. Shubham Vaidya, Dabhade Ashwini, Jarwal Mohini (TYSS) (Guide - **Prashant Awsarmal**) research article (indexed in web of science and Scopus) has been selected in 6th International Conference Energy & City of Future, EVF2019 at MIT-ADT University Loni, Pune on December 18-20, 2019
21. Shubham Vaidya (TYSS) (Guide - **Prashant Awsarmal**) has got second prize in Poster Presentation Safe Track 2.0 organized by IRSC Aurangabad (Oct 14-15, 2019) at Rukhmini Hall, JNEC Aurangabad

**FDP/STTP/Workshop attended:**

Title	Place	Date
21 days Summer school Geospatial Science and Technology	Somaiya Vidyavihar University Mumbai	May 27 to June 16, 2024
Online TEQIP Workshop on “Data Analytics with Python Core Skills”	GEC Aurangabad	21 Dec 2020 – 4 Jan 2021
one week TEQIP Online - STTP on “Advanced Technologies in Water Resources Management”	GEC Aurangabad	23-27 Nov, 2020
Modelling, Analysis and Design of Structures using latest version of STAAD	NITTTR Kolkata	27-31 July, 2020
FDP on “Sustainability Aspects and Recent Trends in Civil Engineering-The Future Scenario”	BMSITM Bengaluru	14-18 July 2020
e-FDP cum Workshop "Waste to Bioenergy"	MIT Aurangabad	28 June – 4 July 2020
Five Days Online FDP on “Design Thinking Approaches In Engineering”	COE Pandharpur	22-26 June 2020
AICTE sponsored "Geospatial Technology in Civil Engineering”	VJTI Mumbai	23 - 28 March, 2017
FDP on “Advances in Civil Engineering Education in Post	SITCOE Ichalkaranji	8-12 June 2020

COVID Situation”		
FDP on Futuristic Advancements in Civil Engineering (FACE-2020)	DIT, Pimpri, Pune	2-6 June 2020
FDP on Advances in Civil Engineering	NIT Nagpur	26-30 May 2020
FDP on "Research Methodology: Tools & Techniques"	IILM Greater Noida	18-22 May 2020
2 days Refresher Course on “Theories of Beams & Plates”	GHRCOEM Pune	2-3 May 2020
One Week Online National Level Faculty Development Programme entitled “Python 3.4.3	ICT, MHRD, Government of India	11-15 May 2020
5-days Faculty Development Programme on Outcome-based Education and accreditation	IILM Greater Noida	25-29 May, 2020
STTP on "Outcome based education and NBA process" on 9-14 Jul 2018	MIT Aurangabad	9-14 July 2018
“Urban Flood Management: Technology Driven Solutions	BITs Pilani Hyderabad	3-4th March 2016
“Entrepreneurship Awareness Camp”	MIT Aurangabad	28-30th Jan, 2016
“Genetic Algorithm and Neuro-Fuzzy Application in Engineering GANEUFAE-2012”	GEC Aurangabad	17-21 Dec, 2012
Emotional Intelligence	MIT Aurangabad	7th Sept., 2013
“Workshop on Intellectual Property and Patent Lifecycle Management IPPLM-2012”	GEC Aurangabad	18th Feb, 2012
STTP on “Modern Approach for Earthquake Resistant Design of Structures” by ISTE	J.J.M.C.E. Jaysingpur	22-27th Dec, 2008
“Faculty Development Programme”	MIT Aurangabad	4-6th Feb, 2008
“Faculty Induction Training Programme”	MIT Aurangabad	3-8th Jul, 2006
FTTP “Entrepreneurship Development”	MIT Aurangabad	27-28th Feb, 2004

**Conference/Workshop/STTP organized:**

Title	Place	Date
Workshop: One Day Workshop – Concrete Mix Design (CMD) – Speaker: Mr. Ajayndersingh Mayal MIT Alumni (Batch 2003)	MIT Chh. Sambhajinagar	Apr 20, 2024
Technical Poster Presentation under ACEP-UltraTech Cement	MIT Aurangabad	June 8, 2022
Two days’ workshop on Interior Design	MIT Aurangabad	Jan 8-9, 2022
'Online Motivation Workshop' in August 2020	MIT Aurangabad	Aug 2020
Two Day Workshop on "Estimation, Costing and Valuation" by ACEP Members	MIT Aurangabad	21-Aug2019
Technical Poster Presentation for TY civil engineering student	MIT Aurangabad	23 Mar 2019
Workshop on Concrete Mix Design in association with ACC Cement	MIT Aurangabad	24 Sept 2019
Structural Design Workshop by TY Students in association with ISSE	MIT Aurangabad	2 Feb 2018

UMA and Solid Waste Management in MIT' by DEC ASIA	MIT Aurangabad	2 Sept 2017
Various Industrial Visit organized each year	MIT Aurangabad	2007 till date

### **Honors and Awards:**

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1. **“Sir Mokshagundam Visvesvaraya Outstanding Engineer Award -2024”** held at Institute of Engineers Chhatrapati Sambhajnagar (Aurangabad) on Sept 15<sup>th</sup> , 2024
2. **“ACEP Engineer Day Felicitation 2024”** held at Hotel Welcome Rama International Chhatrapati Sambhajnagar (Aurangabad) on Sept 15<sup>th</sup> , 2024
3. Received Appreciation of Cash Prize of Rs 1,00,000/- by hands of Chief Minister Govt. of Maharashtra (GoM) for preparing DPR for Jayakwadi Garden Paithan at Aurangabad Municipal Corporation (AMC) on 17<sup>th</sup> Sept 2023
4. **“ACEP-UltraTech Marathwada Special Jury Award-2022”** held at Hotel Welcome Rama International Aurangabad held on 4<sup>th</sup> Feb 2022
5. First Prize in **“Teacher Category University Level Avishkar 2020”** Competition held at Dr. Babasaheb Ambedkar Marathwada University Aurangabad in 23<sup>rd</sup> Jan 2020
6. **“Maharashtra Shiksha Bhushan Award 2016”** presented by Divya Marathi Paper and Excellent Teacher Academy Maharashtra in October 2016 for “Water Conservation Work by public contribution for Jal-Kranti Group Maharashtra”
7. **“Life Member LM-55839”** of Indian Society for Technical Education (ISTE)
8. “Member” of Association of Civil Engineers Practicing Aurangabad (ACEP)
9. “Convener” of MIT Indian Plumbing Association Aurangabad
10. **“Best Project Prize”** presented by ISTE-JNEC Chapter in year 2003

Place: Aurangabad (Updated on 1<sup>st</sup> Dec 2024)

**Dr. Prashant R. Awsarmal**