

Dr. Prashant Rameshpatil Awsarmal

Ph.D. (Civil Engineering), M.E. (Structure)

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Total dedication and devotion to the education profession, where strong administrative, communication and planning abilities will be used for constant up gradation of the institute and society at large

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:

1. **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*

2. **Founder at Jal-Kranti Group Maharashtra** (Sept 2014 to till date)

- ✓ *Worked on Projects like making village free from water tankers.*
- ✓ *Projects Completed*
 - 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)*

3. **Project Management Trainee at "M/S Rudranee Infrastructure Limited"** (Sept 2003 to Jul 2004)

4. **Civil Engineering Purchase at "M/S Bhale & Phathe Associates, Aurangabad** (Jun 2003 to Jan 2004)

Projects:

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:

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 23-25th 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

FDP/STTP/Workshop attended:

Title	Place	Date
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 COVID Situation”	SITCOE Ichalkaranji	8-12 June 2020
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 GANEUF AE-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
'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:

1. First Prize in “**Teacher Category University Level Avishkar 2020**” Competition held at Dr. Babasaheb Ambedkar Marathwada University Aurangabad in 23 Jan 2020
2. “**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”
3. “**Life Member LM-55839**” of Indian Society for Technical Education (ISTE)
4. “**Best Project Prize**” presented by ISTE-JNEC Chapter in year 2003

Place: Aurangabad (Updated on 6 Jan 2021)

Dr. Prashant R. Awsarmal