

Dr. MOHAMMED ISHTIYAQUE (CV)

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Academic Credentials

Degree	Specialization	Institution	University	Year	%
Ph.D.	(Civil-Structure)	Govt. College of Engineering, Aurangabad	Dr B.A.M. U. Aurangabad	2018	Awarded
M.E.	(Civil-Structure)	Govt. College of Engineering, Aurangabad	Dr B.A.M. U. Aurangabad	2003	60.43%
B.E.	(Civil)	Govt. College of Engineering, Aurangabad	Dr B.A.M. U. Aurangabad	1998	63.00%

Career Highlights

PRESENTLY WORKING AS :

- ✓ **Assistant Professor**, Department of Civil Engineering, Maharashtra Institute of Technology, Aurangabad
- ✓ Associated with MIT since 2005 with nineteen years of teaching experience in various institutes & four years field experience and six years research experience.
- ✓ **Recognized P.G. teacher** in Civil Engineering, under the faculty of Engineering & Technology in Dr B.A.M. University, Aurangabad.
- ✓ **Approved Under Graduate teacher** in Civil Engineering, under the faculty of Engineering & Technology in Dr B.A.M. University, Aurangabad since 2009.
- ✓ Four years industrial experience in various organizations

Overall Teaching Experience

- ✓ Nineteen years of teaching experience in various institutes and sixteen years association with MIT in teaching profession since 2005 including six years research experience.

Research Project

- ✓ **Ph.D. Research:** on 'Fracture properties of concrete reinforced with mixed/hybrid fibres' under guidance of Dr. M.G. Shaikh.
- ✓ **M. Tech. Project:** on 'An experimental investigation for development of strengths of HPC using silica fume and steel fibers individually and in composite' under guidance of Dr. R.M. Damgir.

Membership of Professional Bodies

- ✓ Life Member of Indian Society for Technical Education (LM-55838)
- ✓ Life Member of Indian Geotechnical Society (LM-4636)

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Sponsored Research/ Consultancy work

- ✓ Rs. 1.45 lakhs sanctioned under Seed Grant of TEQIP-II for completion of my research work under Ph.D program
- ✓ Performed consultancy work related to material testing and concrete mix design at department level

Current Research Areas

- ✓ Fracture Mechanics of Fiber Reinforced Concrete, Concrete Technology, Smart and Innovative Materials

Project Guided

- ✓ Guided 16 P.G. Students in structural Engineering since 2012 till date

Computer/Software Proficiency

- ✓ STAAD PRO
- ✓ Auto CAD
- ✓ MS Office

STTP/FDP/Industrial Training/Seminar/Workshop/Conference Organized

- ✓ Organized two days workshop on “Concrete Technology” for engineers of BETON Pvt. Ltd, Aurangabad in 2005
- ✓ Organized technical Event ,Techno-Blitz-2018 for first year Engineering students
- ✓ Organized technical Event ,Techno-Blitz-2019 for first year Engineering students
- ✓ Organized one week Induction Program for newly admitted first year Engineering students in year 2017 and 2019
- ✓ Organized Inter-college technical Quiz to update the knowledge of under graduate Civil Engineering students in 2019
- ✓ Organized two days workshop on “Research Methodology and data analysis Techniques” in 2019

STTP/FDP/Industrial Training/Seminar/Workshop/Conference Attended

Sr. No.	Details of Short Term Programs	Duration	Venue of STTP
1	Revision of syllabus of Civil Engineering	One day	Civil Engineering Dept., JNECA
2	Intellectual property and patent lifecycle management(IPPLM-2012) under CEP in association with Inrex ITes Pune	One day	Civil Engineering Dept., GECA
3	FERROCRETE:DESIGN AND CONSTRUCTION under TEQIP - 2 Project conducted by Ferro cement Society, Pune	One day	Applied Mechanics Dept., GECA

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4	LIMIT STATE DESIGN OF STEEL STRUCTURES (LSDSS-2013) organized by Indian Society of Structural Engineers	Four days	MIT Aurangabad
5	Finite Element Methods & Applications in Civil Engineering under CE & QIP	One week	IIT Mumbai
6	'Introduction to Structural Engineering' conducted by IIT, Kharagpur	Two weeks	Remote Center: MIT Aurangabad
7	Webinar on Testing of deep foundation	One day	MIT Aurangabad
8	Webinar on Non-destructive testing of concrete	One day	MIT Aurangabad

Contributions at MIT, Aurangabad

Academic:

- ✓ Associated with MIT since 2005 with sixteen years of teaching experience in institute.
- ✓ P.G. Guide for Structural Engineering
- ✓ Recognized Post Graduate Teacher in Civil Engineering since 2014
- ✓ Approved Under-Graduate Teacher in Civil Engineering since 2009

Subjects taught

- ✓ Engineering Mechanics
- ✓ Elements of Civil Engineering
- ✓ Strength of Materials
- ✓ Concrete Technology
- ✓ Design of RCC Structures-II
- ✓ DOS-III
- ✓ Pre-stressed Concrete (Elective)
- ✓ Earthquake Engineering (Elective)
- ✓ TDS-I, II, IV of Architecture
- ✓ Advanced Structures (Elective)
- ✓ Advanced Limit State Design
- ✓ Professional Practice
- ✓ Design of tall Buildings (Elective)
- ✓ IAP,TEP

Other duties and portfolios handled

- ✓ Worked as Chief Superintendent for Nov. /December-2010 and May/June-2014 theory Examination of Dr.BAM University Aurangabad
- ✓ Worked as Departmental External Practical/ Oral Exam. Coordinator.
- ✓ Worked as Central External Practical/ Oral Exam. Co-Ordinator.
- ✓ Worked as member of Central Term work Scrutiny Committee.
- ✓ Worked as member of Scrutiny Committee for UGC Interviews in 2011.
- ✓ Worked as Departmental Term Work Coordinator for two years.
- ✓ Working as Paper Setter, Examiner and Moderator for Engg. Examinations since thirteen years.

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- ✓ Worked as Chairman, Vigilance Squad of Dr. B.A.M.University November /December 2016 Examinations of Arts, Science, Commerce, BCA stream for rural area centers of Ambad, Ghanswangi, Tirthpuri and Ankushnagar of Jalna district.
- ✓ Worked as member of internal squad for Engineering, MCA and Architecture Examination of Dr. B.A.M.University, May/June 2015.
- ✓ Worked as External Examiner for Practical/ Oral Examinations in different colleges.
- ✓ Worked as member of Discipline Committee during cultural programs of the institute.
- ✓ Working as In-Charge of Engineering Mechanics Laboratory.
- ✓ Worked as PG Co-Ordinator and class teacher.
- ✓ Worked as Class teacher of SE (Civil) and BE (Civil) classes.
- ✓ Recognized as Post-Graduate Teacher in Civil Engineering.
- ✓ Worked as Polling Officer 1 in Assembly Elections in Kannad polling booth no.105
- ✓ Worked as member of Anti-ragging committee for prevention of ragging in the institute campus.

List of Research Publications

Papers in International Journal

1. Mohammed Ishtiyaque and Nitesh Singh, (2015), "Design analysis & comparison of Intze type Water tank for different wind speed and seismic zones as per Indian codes ", International Journal of Research in Engineering and Technology, 4, 9, 291-300.
2. Mohammed Ishtiyaque and Nitesh Singh, (2016), "Optimized design & analysis of steel pipe racks for oil & gas industries as per international codes & standards ", International Journal of Research in Engineering and Technology, 5, 10, 16-28.
3. Mohammed Ishtiyaque and M.G.Shaikh, (2017), "A Review on Study of Fracture Properties of Concrete Reinforced with Mixed/Hybrid Fibers ", IOSR Journal of Mechanical and Civil Engineering, 14, 4, 1-8.
4. Mohammed Ishtiyaque & Amol Rathod Vansing, (2017), "Pushover analysis of building structure", International Journal of Innovative Research In Science, Engineering And Technology, 6, 3, 83-93.
5. Mohammed Ishtiyaque & M.G.Shaikh, (2018), "Fracture properties of concrete reinforced with steel fibers ", Indian Journal of Science and Technology, 11, 16, 1-4.
6. Mohammed Ishtiyaque & Sudarshan Bhetekar, (2018), "Pushover analysis of G+15 Steel and steel-concrete composite frame structure", International Research Journal of Engineering and Technology, 5, 1, 53-58.

Papers in National Journal

1. Mohammed Ishtiyaque & Syeda Amreen Saba, (2016), "Different confinement pattern and behavior of short concrete column ", Journal of Structural Engineering and Management, 3, 2, 51-55.
2. Mohammed Ishtiyaque & M.G.Shaikh, (2017), "Fracture behavior of concrete reinforced with basalt fibers", Journal for advanced research in Applied Sciences, 4, 7, 79-84.

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3. Mohammed Ishtiyaque and Shaikh Nagma Saba , (2018), "Non -linear dynamic response of structural behavior under the influence of soil-structure interaction", Journal of Structural Engineering and Management, 5, 3, 1-13.
4. Mohammed Ishtiyaque and Shaikh Masroor, (2019), "Seismic analysis of multistory building with floating column under earthquake excitation with and without construction sequence analysis considering P-Delta effect", Journal of Structural Engineering and Management, 6, 2, 11-19.
5. Mohammed Ishtiyaque and Rashmi Salve, (2019), "Seismic Performance of RC Building Using Precast Large Panel", Recent Trends in Civil Engineering & Technology, 9, 3, 21-31.

Papers in International Conference Proceedings

1. Mohammed Ishtiyaque & R.M. Damgir (2003), "Effect of silica fume and steel fiber composite on strength properties of high performance concrete", Recent trends in Concrete Technology & Structures, INCONTEST 2003, 10-12 Sept. 2003, Coimbatore, 1-8.
2. Mohammed Ishtiyaque & R.M. Damgir (2003), "An Experimental investigation for development of Strengths of High Performance Concrete using Silica Fume ", Structural Engineering Convention 2003, 12-14 December 2003, IIT Kharagpur, 1-10.
3. Mohammed Ishtiyaque & M.G.Shaikh (2016), "Fracture toughness of concrete reinforced with mixed steel and basalt fibers", Trends and Recent advances in Civil Engineering, TRACE 2016,11-12 August 2016, Noida, 269-277.
4. Mohammed Ishtiyaque and Syeda Amreen Saba (2016), " Ductile behavior of RCC Column", Trends and Recent advances in Civil Engineering, TRACE 2016,11-12 August 2016, Noida, 438-442.
5. Mohammed Ishtiyaque & Syed Saad (2017), " Selection of most relevant input parameters using WEKA for artificial neural network based concrete compressive strength prediction model", IEEE 7th power India International Conference ,PIICON, 25-27 November 2017,Jaipur, 211-223.
6. Mohammed Ishtiyaque & Sudarshan Bhetekar (2018), "Seismic performance of steel frame structure over RCC frame structure", Innovative trends in Engineering, Applied Science and Management, 1-2 March 2018, Hyderabad, 332-341.

Papers in National Conference Proceedings

1. Mohammed Ishtiyaque & R.M. Damgir (2003), "An Experimental investigation for development of Strengths of High Performance Concrete using steel fibers", Advances in Concrete Technology and Concrete Structures for the future, 25-27 November 2017,Annamalainagar, 301-310.

Personal Details

Date of Birth: 1st September 1976

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