


FACULTY PROFILE

Overview:

<ul style="list-style-type: none"> ▪ Name : Mr. Indrajeet M. Jain ▪ Department: Department of Civil Engineering ▪ Designation : Assistant Professor ▪ Email : imjain_sits@sinhgad.edu Mobile : 9011010002 ▪ Specialty / Research Focus / Domain Area of Specialization: Structural Engineering 	
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❖ Education:

Sr. No.	Degree	Name of the Institute / College	Name of the University	Year of passing	Class / Grade
1	PhD (Structures)	Government COE, Aurangabad	BAMU, Aurangabad	Pursuing	NA
2	M.E. – Civil (Structural Engineering.)	Sinhgad COE, Pune	Pune University, Pune	2009	First Class SPPU Rank-1
3	M.E. – Civil (Town & Country Planning)	Government COE, Pune	Pune University, Pune	2003	Second Class
4	B.E. (Civil)	BDCOE, Sewagram	Nagpur University	1997	Distinction
5	Diploma	Government Polytechnic, Yavatmal	MSBTE, Mumbai	1994	First Class
6	SSC	Z P High School	SSC Board	1991	First Class

▪ Work Experience:

Sr. No.	Name of the Industry / Organization	Post held	Period		Duration
			From	To	
1.	Sinhgad Institute of Technology and Science, Pune	H.O.D. and Assistant Professor.	24.08.2018	till date	
2.	JSPM Narhe Technical Campus, Pune	H.O.D. and Assistant Professor	01.08.2017	23.08.2018	1 year

Sr. No.	Name of the Industry / Organization	Post held	Period		Duration
			From	To	
3.	Sinhgad Institute of Technology & Science, Pune	Assistant Professor	01.08.2011	31.07.2017	6 years
4.	TSSM's PVPIT, Pune	Senior Lecturer	01.08.2007	06.08.2011	4 years
5	L.A.G.A. COE, Hadapsar, Pune	Lecturer	19.01.2007	30.06.2007	½ Years
6	MAEER'S Sri Savitribai Phule Polytechnic, Pune	Lecturer	01.07.2006	18.01.2007	½ years
7	Bharat Institute for Aeronautical Engg, Pune	Technical Director	02.05.2004	30.06.2006	2 years
8	Indian Institute for Aeronautical Engg, Pune	Lecturer	20.08.2001	18.09.2003	2 years
9	College of HI-TECH Engineering, Pune	Lecturer	01.08.1998	27.08.2001	3 years
Total Experience					22 Yrs

▪ Approved Work Experience:

Sr. No.	Name of the Industry / Organization	Post held	Period		Duration
			From	To	
1.	Sinhgad Institute of Technology & Science, Pune	H.O.D. and Assistant Professor	24.08.2018	till date	3 years
2.	JSPM Narhe Technical Campus, Pune	H.O.D. and Assistant Professor	01.08.2017	23.08.2018	1 year
3.	Sinhgad Institute of Technology & Science, Pune	Assistant Professor in Civil Engg. Dept	01.08.2011	31.07.2017	6 years
4	TSSM's PVPIT, Pune	Senior Lecturer	01.08.2007	06.08.2011	4 years
Total Experience					14 Yrs

- Training

Sr. No.	Description	Name of the Industry / Organization	Period
1.	Online FDP on, " <i>Consultancy in Civil Engineering :Opportunities and Challenges</i> "	KBT Colleg of Engineering in Asso. with SPPU and ACCE	10-14 May, 2021
2.	Online STTP on, " <i>Structural health Monitoring and Retrofitting Rehabilitation of structure</i> ",	P R Pote College of Engineering Amravati	10-15 May, 2021
3.	Three days online workshop on , " <i>TE Civil 2019 Pattern Syllabus</i> ",	AISSMS COE, Pune	3-5 May, 2021
4.	One week AICTE-ISTE sponsored FDP " <i>Mathematical Modelling</i> "	Indira College of Engineering and Management, Pune	15-21 April, 2021
5.	One week AICTE-ISTE sponsored FDP, " <i>Recent Development in Advanced materials</i> "	G H Rasoni College of Engg & Management, Pune	5-10 April, 2021
6.	STTP through ICT Mode on, " <i>How to Write Research and Thesis Paper</i> ",	National Institute of Technical Teacher's Research Kolkata	01-05 March, 2021
7.	STTP through ICT Mode on, " <i>Concept Teaching in Engineering Statics</i> "	National Institute of Technical Teacher's Research Kolkata	22-26 February, 2021
8.	Online course on " <i>Basics of remote sensing geographical information system and global navigation satellite system</i> "	Indian Space organization and Indian Institute of Remote sensing, Dehradun	17 August to 20 November 2020
9.	One week online FDP on " <i>Entrepreneurship in Material Testing and consultancy Services in Civil Engineering (NABL Accreditation</i> "	Dr. D. Y. Patil School of Engineering, Pune	21-25 December 2020
10.	One week online STTP, " <i>Wind and Earthquake resistant Design</i> "	Ram Meghe Institute of Technology and Research, Amravati	19-24 December, 2020
11.	STTP through ICT Mode on, " <i>Design of Earthquake Resistant RC Buildings as per IS:1893 Part 1-2016 and IS:3920-2026</i> "	National Institute of Technical Teacher's Research Kolkata	30 November to 4 December 2020
12.	STTP through ICT Mode on, " <i>Structural Design of Lateral Load Resisting Elements and their Foundations</i> "	National Institute of Technical Teacher's Research Kolkata	09 -13 November 2020.
13.	One day Seminar on Current Trends in Computer Science & Research	MIT, Pune	02 January 2017
14.	One week online FDP on " <i>Sustainable Development</i> "	GH Rasoni COER, Pune	20-24 October 2020

Sr. No.	Description	Name of the Industry / Organization	Period
15.	One week online FDP on “ Sustainable Development	VNIT, Nagpur	19-24 October 2020
16.	One week FDP on, “ Waste to Bio-Energy	Sharda University U.P. and MIT Auragabad	28 June to 4 July 2020
17.	Three days online workshop, “ Syllabus Orientation workshop for S.E. Civil (2019 Patter)	Sinhgad COE in association with BoS SPPU, Pune	22-26 June, 2020
18.	Three day workshop on, “Steel Structure: Complete Design Using STAAD.Pro	IITE Indus Univeristy, Ahemdabad	4-6 July 2020
19.	One-week online FDP on “Recent Advances in Civil Engineering	Civil & Environmental Engineering Department, VJTI Mumbai under twinning activity with Civil Engineering Department, Engineering College Ajmer, Rajasthan SPPU, SITS, Pune	2-7 June, 2020.
20.	One Week National STP on “A Smart and Sustainable World in Concrete and Structures	Department of Civil Engineering, AISSMS College of Engineering, Pune	4 -8 June 2020.
21.	One-week online FDP on “Outcome Based Education: A Step Towards Excellence	Margdarshan Scheme of AICTE, New Delhi organized by Government College of Engineering Karad	11-15 May 2020
22.	One Week Webinar Series on “Metro Rail Technology-Practices & Issues”	Rajarambapu Institute of Technology, Rajaramnagar (RIT), Islampur, MS, India	11-15, May 2020
23.	One Week Faculty Development Program on, “ Advances in Civil Engineering	Nagpur Institute of Technology	26-30 May 2020
24.	Short Term Training Programme through ICT Mode on “Philosophy of Design as per IS: 456-2000”	National Institute of Technical Teacher’s Research Kolkata	27 April,2020 to 1 May, 2020
25.	Short Term Training Programme through, “ ICT Mode on NBA Accreditation and SAR Preparation	National Institute of Technical Teacher’s Research Kolkata	20-24 April, 2020
26.	One week FDP on, “ Industry based 3D Printing Technology	Sinhgad Institute of Technology and science, Pune	27-31 January 2020

Sr. No.	Description	Name of the Industry / Organization	Period
27.	Short Term Training Programme through ICT Mode on "Problem based Learnig	National Institute of Technical Teacher's Research Kolkata	2-6 December 2019
28.	Workshop on "QCAD	SITS Pune offered by the Spoken Tutorial Project, IITB.	29 June 2019
29.	Two days workshops, "Exprimental structural dynamics	Sanjay Ghodavat university, Kolhapur	8-9 September, 2018
30.	Corporate Workshop on, "Highrise Building Analysis and Designing Software in ETABS Advance	Econstruct design and Built private Ltd, Bangalore	17 - 19 November, 2017
31.	Workshop on, "ETABS v2016 Basic Structural Analysis and Designing Software"	Econstruct design and Built private Ltd, Bangalore.	22 - 24 September, 2017
32.	Two days state level Workshop on " Application of Finite Element Methods in structural Engineering",	Flora Institute of Technology, Pune	4-5 March ,2017
33.	Two days state level Workshop on "Advances in Concrete",	Sinhgad college of Engineering, Pune	19-20 January 2017
34.	Workshop on "Revision of T.E. Civil Engineering syllabus-CBCS-2015 Pattern".	Amrutvahini College of Engineering, Sangamner, Maharashtra	18 November, 2016
35.	International Conference on, "Recent developments in design and construction technologies of Tall Structures	ACCE (INDIA), Bangaluru, India.	9 – 12 November 2016
36.	Workshop on, "ETABS and Tall Buildings",	RMD Sinhgad SOE, Pune	24-25September, 2016
37.	FDP on " Structural Design and Drawing-III "	PVPIT, Pune	10 September,2016
38.	Two week STTP on, "Introduction to Structural Engineering",	Remote Centre: GCOE, Pune, Indian Institute of Technology, Kharagpur, West Bengal, India.	4-9 January 2016
39	Two day National Workshop on, "Practical Oriented Structural Design(RCC	BSCOER, Pune, Maharashtra.	22-23 December 2015
40	International Conference on, "UKIERI concrete congress - Concrete Research Driving Profit and Sustainability,"	Dr. B R Ambedkar NIT, Jalandhar, India.	2-5 November 2015



Sinhgad Institutes

Sinhgad Technical Education Society's
Sinhgad Institute of Technology and Science (SITS), Narhe, Pune – 411041

Sr. No.	Description	Name of the Industry / Organization	Period
41	Workshop on, "Basic of RCC Design and Concept",	Ambuja Foundations, Pune, Maharashtra.	26 November 2015
42	One day workshop on, "Revised Syllabus of SD-I (Steel Structures)"	JSPM Technical campus, Pune, Maharashtra.	5 July, 2015
43	National conference on "Smarter Cities- India 2015"	Sinhgad College of Engineering, Pune, Maharashtra.	08- 09 June 2015
44	Workshop on, "T.E Civil Syllabus Revision",	MIT COE, Pune, Maharashtra.	9 June 2015
45	Workshop on, "Advances in Rock Mechanics"	Government COE, Pune	11- 12 April,2015
46	Workshop on, "Seismic Design, Evaluation, Retrofitting and Optimization of Multistoried Buildings"	Vidyapratisthan COE, Baramati, Maharashtra, India.	27- 29 March,2015
47	International Conference on CNT 2014, "Nanomaterials and Technology (CNT2014)"	Vardhaman College of Engineering, Hyderabad, Telengana.	24- 26, October, 2014
48	National Conference on "Innovation in bridge construction"	Government COE, Pune, Maharashtra, India.	14-15 October.2011
49	Workshop on, "Design of High Rise Building,	Dr. D.Y. Patil School of Engineering. Lohegaon, Pune,	27- 28 September 2014
50	Workshop on, Limit state design of steel structures"	Government COE, Pune, India	18 January. 2014
51	Workshop on "Offshore Structures"	Indian Institute of Technology, Powai, Mumbai, Maharashtra, India	21 March, 2013
52	Workshop on " How to convert research into a patent ? "	Government COE Pune and COER, Avasari, Pune, Maharashtra, India.	5 November,2011

- Awards and Honors:

1.	Best Professor in Civil Studies by Dewang Mehta National Education Award-2019
2.	Best Paper Award for a research paper published in International Conference on future intelligence in science and technology (SITS FIST 2020)
3.	Project Guide of Best Paper Award winner in International Conference on Insight of Mechanical and Civil engineering, DY Patil COE Pune 2019
4.	RANK 1 in SPPU M.E. Structural Engineering
5	Appreciation letters from Principal for good results.

- Research Experience:
 - Area of research : Parametric studies of tall buildings subjected to lateral loads
 - Number of students guided: UG : 60 PG: 02 Ph.D: Nil
 - University Research grants received: Rs. 80,000/-

- Publications
 - International journals:

Sr. No.	Author & Co-Author	Title of Paper	Volume Number & Year
1.	Indrajeet M Jain, Dr. Rajesh S Londhe,	Mitigation of Horizontal Displacement by Effective Use of Outrigger System in RC Tall Building	Journal of TEST Engineering and Management, Volume 83, May-June 2020, ISSN:0193-4120,
2.	Indrajeet M Jain, Snehal T. Sanap, Jayesh P. Chaudhari,	Analysis of Tall buildings with Different Structural Systems	International Journal of Future Generation Communication and Networking Vol. 13, No. 4, (2020),
3.	Siddhant Kulkarni, Kedar Joshi, Pragati Chavan, Amit Jaiswal, Indrajeet M. Jain,.	“An Alternative for Sustainable Development: Net Zero Energy Building”	International Journal of Future Generation Communication and Networking Vol. 13, No. 4, (2020)
4.	Raviranjana N. Mishra, Saket P. Naik, Harinam k. Jaybhaye, Bhushan G. More, Snehal T. Sanap, Indrajeet M. Jain	Comparative analysis of tall buildings with diagrid and outrigger structural system	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 , April-2019. ISSN : 2349-5162
5.	Akash Kala, Madhuri Mangulkar, Indrajeet M. Jain,	The use of outrigger and belt truss system for high-rise RCC building	International Journal of Civil Engineering & Technology (IJCIET), Volume 8, Issue 7, July 2017, ISSN Print: 0976-6308
6.	Dr. Shivkumar Kapale, Indrajeet M. Jain	The interference effects of an Upstream Large Pier on a downstream small bridge pier	International Journal of Creative Research Thoughts (IJCRT), Volume 6, Issue 1, Feb. 2018, ISSN:2320-2882
7.	Yuvaraj Shinde, Indrajeet Jain	Assessment of Construction in Concrete by Mixing Activator Material	International Journal of Emerging Technologies in Engineering Research , Vol-5, Issue-5, May (2017).

Sr. No.	Author & Co-Author	Title of Paper	Volume Number & Year
8.	Abhishek Jodawat, Arihant Parekh, Bhushan Marathe, Ketan Pawar, Sunny Patwa, Yash Sahu, Indrajeet M. Jain	Retrofitting of Reinforced concrete column by steel jacketing	International Journal of Engineering Research and Application ISSN : 2248- 9622, Vol. 6, Issue 7, (Part -1) July 2016, pp.01-05
9.	D.R. Deshmukh, A.K. Yadav, S. N Supekar, A. B. Thakur, H. P Sonawane, I. M. Jain,	Analysis and Design of G+19 Storied Building Using STAAD-Pro	International Journal of Engineering Research and Applications (IJERA) , Vol. 6 - Issue 7 (July - 2016), ISSN: 2248-9622
10.	Indrajeet M Jain, P V Nimbolkar,	Cylindrical Bending of Elastic Plates	Procedia Materials Science 10 (2015) , pp 793-802

- International Conference :

Sr. No.	Author & Co-Author	Title of Paper	Location, Year
1.	Md Azimuddin Farooqui Indrajeet M Jain, Dr. Rajesh S Londhe	Influence of Lateral Load on Multi-storeyed Building using Diagrid Structural System	Pune, 2019-20
2.	Smrutirekha Mishra, Indrajeet M. Jain	Effect of Draft Force due to wind load on a rectangular building	Pune, 2019-20
3.	I. M. Jain, Pruthviraj Madane, Harshal D. Patil, AdarshPhatangare, Rahul R. Rajput	Experimental Investigation of Bacterial concrete using Bacillus Sphaericus and Bacillus Pasteurii	Pune, 2018-19
4.	Indrajeet M. Jain, Rajesh S. Londhe	Tall buildings with outrigger system	Goa, 2016-17
5.	Indrajeet M. Jain, Rajesh S. Londhe	Effect of Lateral Load on tall building & use of outrigger system	Jalandhar, 2015-16

- National Conference :

Sr. No.	Author & Co-Author	Title of Paper	Location, Year
1.	Indrajeet M Jain, Dr. Rajesh S Londhe	Optimum Number of Outriggers with Belt Truss for High-rise Buildings to Reduce Lateral Displacement	Aurangabad, 2019-20
2.	Smrutirekha Mishra, Indrajeet M. Jain	Analysis of Drag force due to wind load on a rectangular building	Aurangabad, 2019-20
3.	Indrajeet M Jain, Dr. Rajesh S Londhe	Use of outrigger system in tall buildings to Reduce lateral drift	Pune, 2015-16
4	Indrajeet M Jain, P V Nimbolkar, Ganesh Bhagure,	Partial Replacement Of Cement By Using Marble Waste Powder In Concrete	Pune, 2015-16

- Books Publications:

Sr. No.	Author & Co-Author	Title of Book	Location, Year
1.	Indrajeet M Jain	Mechanics of Structures	Pune, 2020-21
2.	Indrajeet M Jain	Solid Mechanics	Pune, 2020-21
3.	Indrajeet M Jain	Fluid Mechanics	Pune, 2020-21
4	Indrajeet M Jain	Concrete Technology	Pune, 2020-21
5.	Indrajeet M Jain	Structural Design -II	Pune, 2020-21
6.	Indrajeet M Jain	Theory of Reinforced Concrete Design	Mumbai 2021-22
7.	Indrajeet M Jain Rajkumar Panchal	Advanced Fluid Mechanis	Mumbai 2021-22
8.	Indrajeet M Jain	Advanced Concrete Technology	Mumbai 2021-22
9.	Indrajeet M Jain	Structural Analysis	Gujrat 2018-19
10.	Indrajeet M Jain Namrata P. Jaju	Hydrology and Water Engineering Resources	Pune 2019-20

▪ Special Tasks / Responsibilities handled:

Sr. No.	Description	Post held	Organization
1.	Head of the Department, Civil Engineering Department	HOD	Sinhgad Institute of Technology and Science, (SITS) Pune
2.	International Conference on future intelligence in science and technology (SITS FIST 2020)- Track 5	Convener	SITS, Pune
3.	Online webinar on "Career Opportunities in Civil Engineering"	Resource Person	ACS college of Engineering, Bangluru
4.	one week workshop on "QCAD"	Convener	SITS, Pune
5.	Train The Trainers	Resource Person	Sinhgad Institutes
6.	SPPU Examination	Senior Supervisor	SITS, Pune
7.	Two Day Workshop on "Effective Teaching Methodology in Engineering Mechanics	Coordinator and Resource Person	SITS, Pune
8.	Two day National level Workshop on "Analysis of Tall Building by ETABS software	Coordinator and Resource Person	SITS, Pune

▪ Professional Membership

Sr. No.	Name of Organization	Membership No.
1.	Member of Aeronautical Society of India	M 16580
2.	Associate Member of Institute of Engineers	AM 091823-5
3.	Life Member of Indian Society of Engineer	LM 39142
4.	Member of Indian Society for Hydraulics	LM 1400
5.	International Association of Engineers	215005

I hereby declare that information given above is true.

Date: 27 July 2021
Place: Pune

Mr. Indrajeet M. Jain
Name & Signature