

Academic Year 2022-23

NAME OF FACULTY	PAPERS IN JOURNALS		INTERNATIONAL CONFERENCE PAPERS	PAPERS IN INTERNATIONAL	BOOK CHAPTERS	PATENTS/COPYRIGHTS
	INTERNATIONAL	NATIONAL				
Dr. M.M.MURUDI			1. Ankit Asher, Pratik Jaiswal, Dr. M.M. Murudi, "Generation of P-M Interaction Curves For Hollow Circular RC Sections Using IRC: 112", SPICON-2022			
			2. Ankit Asher, Gazanfar Ali Khan, Anup Kotekar, Anushka Mhatre, Shlok Joshi and S. Siddiqui, "Structural performance for RCC building with varying plan aspect ratio and sequential analysis" SPICON-2022			
			3. Suraj Shinde, Ankit Asher, Akshata Deshpande and Dr. Mohan Murudi, "Comparative Study for Bridge Super-Structure Curved in Plan with Different Deck Types", SPICON-2022			
			4. Experimental and Analytical Study on Soft Storey Condition of Floating Frame Resting on Transfer Girder 6 Neelkanth Joshi, Mohan Murudi, Ankit Asher and Amar Shah			
			5. Analysis of Pile Foundation in Liquefied Soil with Encased Stone Column 11 Pratik Divekar, Kshitija Nadgouda and Mohan Murudi			
			6. Experimental Study on Use of Supplementary Cementitious Material with River Sand, Crushed Sand and Processed Slag Sand as Partial Replacements of Fine Aggregate Neelam Petkar, Dr. Mohan Murudi and Dr. Vishal Thombare			
			7. Comparative Study of Effect on Soft Storey Design According to IS 1893:2002 and IS 1893:2016 19 Karan Yadav and Mohan Murudi			

DR.A.A.BAGE			1. Jayant Jadhav, A. A. Bage, Mangesh Anabhavane, Sandeep Pattiwar (December 2022). Comparative Study on Design of Bridge Foundation According to IRC: 78 – 2014 And IRC: 78 – 2020, SERB, ICTE, CSIR, IIIE Mumbai chapter, Turnitin and Apex Subscription sponsored Sardar Patel International Conference on ‘Industry 4.0- Nascent Technologies and Sustainability for Make in India initiative’ proceedings of SIPCON 2022, 22nd & 23rd Dec. 2022.			
			2. Nayan Chopada, A. A. Bage, Mangesh Anabhavane, Sandeep Pattiwar (December 2022). Parametric Study to Determine Wind Load on Foot Over Bridge, SERB, AICTE, CSIR, IIIE Mumbai chapter, Turnitin and Apex Subscription sponsored Sardar Patel International Conference on ‘Industry 4.0- Nascent Technologies and Sustainability for Make in India Initiative’ proceedings of SIPCON 2022, 22nd & 23rd Dec. 2022.			
			3. Chougale Jaydeep B, A. A. Bage (December 2022). Effect of M-Sand and Cementitious Materials on Properties of Concrete- A Review, SERB, AICTE, CSIR, IIIE Mumbai chapter, Turnitin and Apex Subscription sponsored Sardar Patel International Conference on ‘Industry 4.0- Nascent Technologies and Sustainability for Make in India Initiative’ proceedings of SIPCON 2022, 22nd & 23rd Dec. 2022.			
			4 Mohammad Haris Saghir, A. A. Bage (December 2022). Comparative Research on Tuned Mass Damper, Tuned Liquid Damper and Tuned Particle Damper on the Basis of Mass Ratio on a Framed Model, SERB, AICTE, CSIR, IIIE Mumbai chapter, Turnitin and Apex Subscription sponsored Sardar Patel International Conference on ‘Industry 4.0- Nascent Technologies and Sustainability for Make in India Initiative’ proceedings of SIPCON 2022, 22nd & 23rd Dec. 2022.			

		5. Abhijeet Patil, A. A. Bage (December 2022). Using Artificial Intelligence & Augmented Reality for Structural Engineering, SERB, AICTE, CSIR, IIT Mumbai chapter, Turnitin and Apex Subscription sponsored Sardar Patel International Conference on 'Industry 4.0- Nascent Technologies and Sustainability for Make in India Initiative' proceedings of SIPCON 2022, 22nd & 23rd Dec. 2022.			
		6. Keerti Rangnekar, Shriya Mehendale, Adarsh Jaiswal, Rewati Gaikwad, Yash Dhalkari, Dr.A.A Bage and Ankit Asher 2023). Performance of Outriggers and Friction Dampers In High Rise Structure Using Response Spectrum Analysis, AICTE sponsored Online International Conference on Advancements in Structural Engineering ASE'2023, pp 46-54. ISBN: 978-81-932056-2-4			
		7. Jaydeep, B. Chougale and A. A. Bage. "Effect of manufactured sand, micro silica, and GGBS on properties of high-performance concrete" IOP Conf. Series: Earth and Environmental Science 1280 (2023) 012024, doi:10.1088/1755-1315/1280/1/012024.			
	1. Chakraborty Sudipta, A. R. Kambekar, & Sarma Arnab (2022) A Contemporary Review on Geoengineering Techniques for Mitigation of Accelerated Rise in Global Sea Level in the Past Eight Hottest Years International Journal of Environment and Climate Change, Volume 13, Issue 8, Page 553-561, 2023; Article no. IJECC.99971, ISSN: 2581-8627, (Past name: British Journal of Environment & Climate Change, Past ISSN: 2231-4784)	1. Patil S, Kambekar AR (2022) Floodplain Mapping Using Hydraulic Simulation and Geographic Information System. Indian Journal of Science and Technology 15 (39): 2027-2036. https://doi.org/10.17485/IJST/v15i39.1056 (P-ISSN 0974-6846 E-ISSN 0974-5645) Arnab Sarma, Sudipta Chakraborty, A.R. Kambekar (2022-23). Calculation of Element Stiffness Matrix for Finite Element Analysis of Pile Dynamic Stability. Journal of Offshore Structure and Technology. 2022; 9(3): 40-46p.	1. Devyani Shirule and Ajaykumar Kambekar (2022): Application of Robotics in Construction Industry, Sardar Patel International Conference on "Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative" SPICON-2022.		

DR. A.R.KAMBEKAR	2. Viren Bhikaji Chandanshive and Ajay R. Kambekar (2022): "Application of Artificial Neural Network in Construction Project Cost Estimation Modelling: A Review", Journal: Probabilistic Engineering Mechanics,	2. Chakraborty Sudipta & Kambekar A.R. "Complexities in the Structural Behaviour of Offshore Structural Members subjected to Dynamic Loading", Journal of Offshore Structure and Technology (JoOST), ISSN: 2349-8986, Volume 9, Issue 2, 2022, DOI (Journal): 10.37591/JoOST,	2. Shweta A. Patil and A. R. Kambekar (2022) "Dam failure analysis using hydraulics simulation model- A case study of Chaskaman dam" Sardar Patel International Conference on "Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative" SPICON-2022.			
		3. Sriram Deshmukh and Ajaykumar R. Kambekar (2022): Prediction Model for Cost Overruns in Infrastructure Project, NICMAR-Journal of Construction Management, Vol. XXXVII, No. 4, October-December 2022-pp194-205.	3. Sudipta Chakraborty, A. R. Kambekar (2022) Hydraulic Turbulence caused by Ship Movement and Slope Stability at The Juncture of Dredging and Reclamation" First Mandalika International Multi-conference on Science and Engineering 2022" or "1st MIMSE 2022". Lombok Raya Hotel, Mataram, Indonesia			
			4. Akanksha Wadile, Ayush Jaiswal, Vaibhav Gawande, Anil Ghadge, A. R. Kambekar: (2023): Evaluation of Stormwater Drainage System -A Case Study International Conference on Environmental Sustainability (ICES-2023) 16-17 March 2023, Veermata Jijabai Technological Institute, Matunga Mumbai			
			5. Harsh Pathak and A. R. Kambekar (2023): Flood mitigation measures-a case study of Panvel Region, International Conference on Environmental Sustainability (ICES-2023) 16-17 March 2023, Veermata Jijabai Technological Institute, Matunga Mumbai			
DR. P.G.GAIKWAD	1. Shanawaz Ajaz Khan and Pravinchandra Gaikwad (Dec 2022) Use of Primavera for Risk Management of a Residential Building Project at Amravati city Journal of Real estate, construction and Management		1. Ionic Liquid Mediated an Effective Synthesis of 2-Arylbenzothiazol 9 Jayram Gholave, Kiran Shelke, Sharad Valvi, Haseen Shaikh, Balwant Bhasme, Kiran Bhole, Rahul Chavhan, Vishal Dake, Snehit Kumbhar and Pravinchandra Gaikawad			
	1. Ritu Primlani, Hansa Jeswani Killing from Both Ends: A Re-Definition of Road Traffic Mortality, ARAI Journal of Mobility Technology 3 (1) https://doi.org/10.37285/ajmt.3.1.1		1. Shreyas Patil and Hansa Jeswani Data Analysis and Interpretation of occupational health and safety parameters for a construction project, SPICON 2022, 22-23 December 2022			

DR. HANSA JESWANI			2. Aman Bodke, Prashant Limaye, Shruti Sheth, Janhavi Patil, Smital Meshram and Hansa Jeswani Comparative Study of methods to Reduce Evaporation from Lakes and Ponds, SPICON 2022, 22-23 December 2022.			
			3.Sonal Deo, Sharvari Deshmukh, Riddhi Lachuriya and Hansa Jeswani Daylighting: A Passive Solar Design Strategy SPICON 2022			
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			5 Impact of Covid-19 on Risks in Expressway Projects Hansa Jeswani, Nidhi Sonar, Aakash Munjani, Neha Joshi, Alin Halani and Manish Biyani			
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			2. Techno-Economical Assessment for Utilizing Cotton Stalk by Briquetting and Mushroom Cultivation Shravika Jamnik, Vedant Singh, Shruti Sheth, Prashant Limaye, Janhavi Patil, Reshma Raskar-Phule			
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			5. "Investigating and Analyzing the Causes of Accidents – A Case Study of Multistorey Residential Building Himani Barapatre, Anil Ghadge and Supriya Chavan"			
			6. Application of Six Sigma to Evaluate the Quality of the Residential Building Project Anil Ghadge and Mayur Khade			
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			8.Dr. Anil Ghadge(2023) "Evaluation of storm-water Drainage System -A Case study"			
			9.Dr. Anil Ghadge(2023) Paper no. 140 International Conference of Environmental Sustainability (ICSE-2023)			
DR.K.A.NADGOUDA		1. Nadgouda, K., & Choudhury, D. (2023). Combined seismic bearing capacity factor using modified pseudo-dynamic approach. Geotechnical and Geological Engineering. Accepted for publication on 14th Jan 2023. (Submitted June 2020)"				
			1. Design of Experimental Setup of Desalination of Seawater Using Fresnel Lens 7 Sharad Valvi, Suresh Jadhav, Haseen Shaikh, Jayram Gholave, Kiran Bhole, Kiran Shelke, Balwant Bhasme, Rahul Chavhan, Vishal Dake, and Snehit Kumbhar			

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			3. Suraj Shinde, Ankit Asher, Akshata Deshpande and Dr. Mohan Murudi, "Comparative Study for Bridge Super-Structure Curved in Plan with Different Deck Types", SPICON-2022			
			4. Analysis of 150m long wind mast using Indian code, U.S. Code & Eurocode Available to Purchase Lavkush Tiwari; Ankit Asher; Akshata Deshpande; Mohan Murudi AIP Conf. Proc. 2985, 030003 2024) https://doi.org/10.1063/5.0204653			
			5. Experimental and analytical study on soft storey condition of floating frame resting on transfer girder Available to Purchase Neelkanth D. Joshi; M. M. Murudi; Ankit M. Asher; Amar D. Shah AIP Conf. Proc. 2985, 030005 (2024) https://doi.org/10.1063/5.0204616			

			6. Linear elastic seismic performance of RCC buildings with irregular plan Available to Purchase Ankit Asher; M. M. Murudi AIP Conf. Proc. 2985, 030006 (2024) https://doi.org/10.1063/5.0204596			
PROF.SHWETA PATIL		1. Patil MS, Kambekar AR. (2022) Floodplain Mapping Using Hydraulic Simulation and Geographic Information System. Indian Journal of Science and Technology. 15(39): 2027-2036. https://doi.org/10.17485/IJST/v15i39.1056	1.Shweta A. Patil and A. R. Kambekar (2022): “Dam failure analysis using hydraulics simulation model- A case study of Chaskaman dam” in International conference on “Industry 4.0 - Nascent Technologies and Sustainability for 'Make in India' Initiative” at SPCE,Mumbai 22nd - 23rd December 2022			
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