

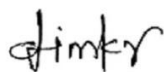
	Sanjivani Rural Education Society's SANJIVANI COLLEGE OF ENGINEERING (An Autonomous Institution) Kopargaon – 423 603, Maharashtra.	ACAD-F-29
Assessment Period: 2021-2022	Number of Peer Reviewed Journal Papers Published	Revision : 00 Dated : _____
Department : Civil Engineering		Date of Preparation : 27/11/2025

Faculty Publications: A. Y. 2021-22

Sr.No.	Name of the faculty	Title of the article	Journal Name	Vol.	Issue	PP.	Year	DOI/Link
1	Atteshamuddin S. Sayyad , Yuwaraj M. Ghugal	A unified five-degree-of-freedom theory for the bending analysis of soft-core and hardcore functionally graded sandwich beams and plates	Journal of Sandwich Structures & Materials	23	2	473-510	2021	https://doi.org/10.1177/1099636219840980
2	Pravin V Avhad, Atteshamuddin S Sayyad	On the deformation of laminated composites and sandwich curved beams	Curved and Layered Structures	9	1	1-12	1/1/2022	https://doi.org/10.1515/cls-2022-0001
3	Bharti M Shinde, Atteshamuddin S Sayyad	A New Higher-Order Shear and Normal Deformation Theory for the Free Vibration Analysis of Laminated Shells	Mechanics of Advanced Composite Structures	9	1	89-104	1/4/2022	https://doi.org/10.22075/mac.2022.22741.1327

4	Akash Sitaram Jadhav , Madhukar Vinayak Jadhav	Utilization of black mustard husk ash for adsorption of fluoride from water	Korean Journal of Chemical Engineering	38	10	2082-2090	2021	https://doi.org/10.1007/s11814-021-0913-2
5	R. V. Kolhe	Construction Materials Management: A case study of Residential Building Construction Project	International Journal of Scientific Research in Engineering and Management (IJSERM)	6	6	1-10	2022	https://doi.org/10.55041/IJSREM14510
6	Bharti M. Shinde, Atteshamuddin S. Sayyad	A new higher order and normal deformation theory for FGM sandwich shells	Composite Structures	280	114865	-	2022	https://doi.org/10.1016/j.compstruct.2021.114865
7	A.S. Sayyad And Y. M. Ghugal	Assessment of refined higher order theories for the static and vibration analysis of laminated composite cylindrical shells	Journal of Mechanical Engineering and Sciences (JMES)	16	2	8848 – 8861	30/6/2022	https://doi.org/10.15282/jmes.16.2.2022.04.0700
8	Yuwaraj M. Ghugal, Atteshamuddin S. Sayyad, And Sandesh M. Girme	Thermoelastic bending analysis of laminated composite shells using a trigonometric shear and normal deformation theory	Journal of Thermal Stresses	45	3	171-190	4/3/2022	https://doi.org/10.1080/01495739.2022.2030836
9	Atteshamuddin S Sayyad, Yuwaraj M Ghugal	A unified formulation of various shell theories for the analysis of laminated composite spherical shells	Vietnam Journal of Mechanics	Volume 44	2	97-116	12/5/2022	https://doi.org/10.15625/0866-7136/15715
10	Atteshamuddin S. Sayyad , Pravin V. Avhad , Lazreg Hadji	On the static deformation and frequency analysis of	Forces in Mechanics	7	100093	-	1/5/2022	https://doi.org/10.1016/j.finmec.2022.100093

		functionally graded porous circular beams						
11	Atteshamuddin S. Sayyad, Pravin V. Avhad	Higher-order model for the thermal analysis of laminated composite, sandwich, and functionally graded curved beams	Journal of Thermal Stresses	45	5	382-400	4/5/2022	https://doi.org/10.1080/01495739.2022.2050476
12	Bharti M. Shinde, Atteshamuddin S. Sayyad	A new higher order and normal deformation theory for FGM sandwich shells	Composite Structures	280	-	Article 114865	15/1/2022	https://doi.org/10.1016/j.compstruct.2021.114865
13	Atteshamuddin S Sayyad, Pravin V Avhad	A new higher order shear and normal deformation theory for the free vibration analysis of sandwich curved beams	Composite Structures	280	-	Article 114948	15/1/2022	https://doi.org/10.1016/j.compstruct.2021.114948
14	Atteshamuddin S Sayyad, Yuwaraj M Ghugal	On the buckling of advanced composite sandwich rectangular plates	Journal of Sandwich Structures & Materials	23	7	3164-3193	10/2021	https://doi.org/10.1177/1099636220925084
15	Atteshamuddin S Sayyad, Yuwaraj M Ghugal	Static and free vibration analysis of doubly-curved functionally graded material shells	Composite Structures	269	-	Article 114045	1/8/2021	https://doi.org/10.1016/j.compstruct.2021.114045



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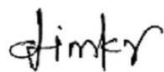


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Department: Civil Engineering		Date of Preparation : 27/11/2025

Number of Peer-Reviewed Conference Papers Published – Academic Year 2021-22

Sr.No.	Name of the faculty	Title of the article	Conference Name	Year
1	Akash S. Jadhav, Madhukar V. Jadhav	Use of response surface methodology for optimization of fluoride removal efficiency by adsorption on black mustard husk ash https://doi.org/10.1016/j.matpr.2021.07.430	Materials today: Proceedings Vol.61, part 2, pp.150-157	2022
2	Nawale, S.R., and Patankar, S.V.	Study of pozzolanic activation of various industrial wastes and its suitability in the development of geopolymer matrix https://doi.org/10.1016/j.matpr.2021.08.024	Materials Today: Proceedings Vol.61, part 2, pp.197-203	2022
3	V A Dagade, S D Kulkarni, A S Sayyad	Free vibration response of cylindrical and spherical functionally graded material shell panels using a quadrilateral finite element https://doi.org/10.1016/j.matpr.2022.03.083	Materials Today: Proceedings Vol.63, pp.289-294	2022



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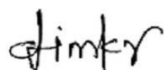


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Assessment Period: 2021-2022	Number of Books/Book Chapters Published	Revision: 00 Dated: _____
Department: Civil Engineering		Date of Preparation : 27/11/2025

Number of Books/Book Chapters Published – Academic Year 2021-22

Sr.No.	Name of the faculty	Title of the article	Book Chapters Name	Year
1.	Vrushali V. Sasane Alka S. Kote	Groundwater Heavy Metal Contamination Mapping using Geographic Information System (GIS): A Case of Nashik Thermal Power Station, Eklahare, Nashik (M. S.), India. https://doi.org/10.1007/978-981-16-4629-4_33	Advanced Modelling and Innovations in Water Resources Engineering: Select Proceedings of AMIWRE 2021 Lecture Notes in Civil Engineering Vol.176, pp.477-192	17/11/2021
2.	S. N. Patil, A. V. Deshpande, A. M. Varade, Pranaya Diwate, A. A. Kokoreva, R. B. Golekar & P. B. Gawali	Magnetic Susceptibility and Heavy metals contamination in Agricultural soil of Kopargaon Area, Ahmednagar District, Maharashtra, India https://doi.org/10.1007/978-981-16-7373-3_21	Advances in Geographical and Environmental Sciences pp.405-430	2022



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