



TULSIRAMJIGAIKWAD-PATIL College of Engineering and Technology

Wardha Road, Nagpur - 441108

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Department of Civil Engineering

List of Scopus indexed Research Paper

Sr. No .	Name of Authors	Title	Journals	Volume No / Date of Publication	Page No and Link
01.	Mr. Sanjay Bhadke	Durability Analysis and Cost Efficiency of RCC Beams Using Conventional Concrete Versus Bubble Deck Technique: A Statistical Investigation (Scopus Indexed)	Advances in Nonlinear Variational Inequalities (ISSN 1092-910X)	Vol 27 No. 3 (2024)	243-259 http://surl.li/wepgya
02	Dr. Amey Khedikar	Performance Evaluation of RC Structures using Next-Generation Performance-Based Seismic Assessment Procedures	Journals of advanced research in Applied Mechanics (ISSN 22897895)	Issue 1 (2024-25)	33-48 https://shorturl.at/T8BJt
03.	Mr. Sanjay Bhadke	An Investigation of the Endurance of RCC Beam Built Utilizing Conventional Concrete and the More Affordable Bubble Deck Technique of Field Building (Scopus Indexed)	Nanotechnology Perceptions ISSN (1660-6795)	Vol 20 S9 (2024)	267-289 http://surl.li/ciisno



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04.	Mr. Sanjay Bhadke	An experimental Investigation of the durability of RC beams constructed with conventional concrete and less expensive bubble deck method of field construction Scopus indexed	Panamerican mathematical journals (ISSN 1064 9735)	Vol 35 2s (2025)	590-609 http://surl.li/htzevn
05	Dr. Aasif Baig	Study of Properties of Coal Bottom Ash and Waste Foundry Sand and its Use in Concrete	Smart Technologies for Energy, Environment and Sustainable Development	Springer nature	153-163 https://shorturl.at/mAd3B



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2023-24 (Current Academic Year)

Sr. No.	Name of the Faculty	Title of Paper	Volume /Issue ISSN/ISBN/DOI	Details of Journal	Indexing (Web of Science/Scopus /UGC Care/Peer Reviewed)
1	Dr. Amey Khedikar	A Review of “Effect on Behaviour of Structure with types of opening at multiple locations with variation in the size of the shear wall”	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
2	Dr. Amey Khedikar	Seismic response reduction of R.C.structures using multiple types of bracing framework.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
3	Dr Aasif Baig	Investigation of charcoal as a filter material in water treatment	e-ISSN: 2582-5208	International Research Journal Of Modernization in Engineering Technology and Science	Peer-Reviewed, Open Access, Fully Refereed International Journal)
4	Dr . Aasif Baig	Analysis of Vulnerary aspect of R.C Structure under shock wave condition: A Review	e-ISSN: 2582-5208	International Research Journal Of Modernization in Engineering Technology and Science	Peer-Reviewed, Open Access, Fully Refereed International Journal)



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5	Dr Snehal Abhyankar	Investigation of charcoal as a filter material in water treatment	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management)	Reviewed, Open Access, Fully Refereed International Journal)
6	Mr. Sanjay Bhadke	A review, comparative study of even and uneven story height of high-rise structure by using time history analysis	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management)	Peer Reviewed
7	Mrs. Priyanka Petkar	An examination of the seismic response of a retrofitted multistoried building using infill bracing and shear wall in soft storey.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management)	Peer Reviewed



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8	Ms Divyani Harpal	An examination of the analysis and research of the factors influencing the design of prefabricated buildings.	e-ISSN: 2582-5208	International Research Journal Of Modernization in Engineering Technology and Science	Peer Reviewed
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Assessment Year 2022-23 (CAY m1)

1	Mr. Sanjay Bhadke	Experimental investigation on strength of rc beam using conventional concrete and adopting bubble deck technology.	2022 (ISSN: 1006-3080)	Journal of East China University of Science and Technology Volume 65, Issue 3	Scopus
2	Mr. Sanjay Bhadke	Experimental research on the strength of rc beam using conventional concrete and bubble deck technology for sustainable development	ISSN 1533-9211	Seybold Report	Scopus



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3	Mr. Sanjay Bhadke	Structural assessment of silo structure using NDT technics .	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
4	Mr. Sanjay Bhadke	An examination of the analysis and research of the factors influencing the design of prefabricated buildings.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
5	Mr. Sanjay Bhadke	An examination of the analysis and research of the factors influencing the design of prefabricated buildings	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
6	Mr. Sanjay Bhadke	Structural Assessment of Silo Structure Using NDT Technics	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
7	Mr. Sanjay Bhadke	An examination of the analysis and research of the factors influencing the design of prefabricated buildings	SSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
8	Dr. Amey Khedikar	Analysis and design of a 24 m long span steel girder with the load of a special vehicle in mind	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology	Peer Reviewed
9	Mrs. Priyanka Petkar	Seismic analysis of elevated circular water tank with different sections and orientation of the column	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed



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10	Mrs. Priyanka Petkar	Analysis and design for confined ferrocete cross beam and its bending behavior.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
11	Mrs. Priyanka Petkar	Comparative analysis of steel roof truss using staddpro v8i	e-ISSN: 2582-5208	International Research Journal Of Modernization in Engineering Technology and Science	Peer-Reviewed, Open Access, Fully Refereed International Journal)
12	Dr. Aasif Baig	Study of Modified Bolomey's Equation for Concrete Made with Partial Use of Coal Bottom	SSRN: https://ssrn.com/abstract=4008877	SSRN: https://ssrn.com/abstract=4008877	Scopus
13	Dr. Aasif Baig	Assessment of systemic seismic vulnerability and risk in urban infrastructure and utility systems: a review.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
14	Dr. Aasif Baig	Investigation of coal bottom ash as replacement of cement in concrete : review	e-ISSN: 2582-5208	International Research Journal Of Modernization in Engineering Technology and Science	Peer-Reviewed, Open Access, Fully Refereed International Journal)
15	Dr Aasif Baig	Analysis of vulnerary aspects of R. C. structure under shock wave condition: A Review.	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed



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16	Dr Aasif Baig	Analysis and Design of G+20 multi storied building with and without shear walls by changing orientation of column: A Review	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
17	Dr Aasif Baig	Review of the sustainable use of industrial waste to replace the fine aggregate used to prepare concrete	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewe
18	Ms.Divyani Harpal	A Review on seismic analysis of building with and without shear wall on different sloping ground angles for zone five	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
19	Ms.Divyani Harpal	An overview of seismic analysis of vertical geometric irregular RCC-framed buildings	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
20	Dr Sandeep Gaikwad	A Review on “Analysis and applications of an earthquake resistant non engineered building construction”	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
21	Mr. Mohitsingh Katoch	Analysis and Design of Composite Bridge and there Design Criteria	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed



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22	Mr. Mohitsingh Katoch	Sustainable Treatment of Wastewater Using Natural Coagulants Based on Plants Seeds	ISSN 2455-3778	International Journal for Modern Trends in Science and Technology, Volume 9, Issue 06, June 2023.	UGC Approved journals (ID-43137)
23	Mr. Mohitsingh Katoch	A Review on “Analysis and applications of an earthquake resistant non engineered building construction”	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
24	Mr. Mohitsingh Katoch	Analysis and Design of Composite Bridge and there Design Criteria	ISSN No.2454-1958	Tech-Chronical (An International E-journals on emerging trends in science technology and management	Peer Reviewed
2021-22 CAY m2					
01	Mr Sanjay Bhadke	Comparative study of direct design method and safe programming with	ISSN No: 0932-4747	Zeichen Journal	UGC Approved journals
		and without interior beam			
02	Mr Sanjay Bhadke	Seismic performance assessment of cantilever retaining wall with varying heights	ISSN0972-3641	Stocksrtric model and application	UGC Approved journals
03	Mr Sanjay Bhadke	Critical analysis of RC Voided Slab and conventional RCC slab	ISSN 2319-7064	International journal of science and research	Peer Reviewed journals
04	Mr. Sanjay K. Bhadke	Elasto-plastic analysis of multi-storey building using bim	ISSN 2454-9150	International Journal for Research in Engineering Application & Management	Peer Reviewed journals



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05	Mr. Sanjay K. Bhadke	Critical analysis on r. c. voided slab and conventional r.c.c. slab parametric study	ISSN: 2319-7064	International Journal of Science and Research	Peer Reviewed journals
06	Mr. Sanjay K. Bhadke	Comparative design and analysis of rcc t-beam bridge superstructure for different codes & load combinations	(ISSN-2349-5162	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
07	Mr. Sanjay K. Bhadke	International Research Journal Of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208	Analysis on detailing of pre-engineered building steel structures”	Peer Reviewed journals
08	Dr Amey Khedikar	Investigation on Progression in the DamageBased Seismic Performance Evaluation of Reinforced Concrete Structures	ISSN: 0011-9342 Year 2021	Design Engineering	Scopus
09	Dr Amey Khedikar	Seismic damage assessment of low-rise reinforced concrete structure with performance-based seismic design approach	ISSN 0974-6803	Advances and Applications in Mathematical Sciences	Web of Science
10	Dr . Amey Khedikar	Elasto-plastic analysis of multi-storey building using bim	ISSN 2454-9150	International Journal for Research in Engineering Application & Management	Peer Reviewed journals
11	Dr. Amey Khedikar	Comparative Study of Conventional Slab, Flat Slab and Waffle Slab	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538	International Journal for Research in Applied Science & Engineering	Peer Reviewed journals
12	Dr. Amey Khedikar	Comparison of various codes of fire on structural design	ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538	International Journal for Research in Applied Science & Engineering Technology	Peer Reviewed journals



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13	Dr. Amey R. Khedikar	Analysis of conventional chevron braced frame and diagrid frame with plan irregularity	(ISSN-2349-5162)	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
14	Dr. Amey R. Khedikar	Dynamic analysis of multistoried building resting on a combined pile raft foundation	(ISSN-2349-5162)	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
15	Dr Amey Khedikar	RCC Framed Building with Using Belt Truss	(ISSN-2349-5162)	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
16	Dr Amey Khedikar	Analysis, Design And Comparison Of Rectangular And Circular Elevated Storage Tank Under Seismic Load By GSDMA Guidelines	(ISSN-2349-5162)	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
17	Dr Amey Khedikar	Seismic response of vertically irregular and regular rc structure with stiffness irregularity at Different Level	(ISSN-2349-5162)	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
18	Dr Amey Khedikar	Analytical study and design of foundation by using indian standard and euro standard under action of seismic forces	ISSN 2349-5162	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
19	Ms. Divyani Harpal	Waste pet bottle fibre used in concrete for increasing the strength	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal



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20	Ms. Divyani Harpal	Design of water distribution system by using tree/dead end system	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
21	Dr. Aasif M. Baig	To study the utilization of construction and demolition waste in concrete as coarsed aggregate	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
22	Dr. Aasif M. Baig	Analysis on effect of skew angle on performance assessment of r.c girder bridge deck	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
23	Dr. Aasif M. Baig	Durability study on geopolymer concrete made with ground granulated blast furnace slag and black rice husk ash	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
24	Dr. Aasif M. Baig	Static and dynamic analysis of transmission tower to wind and seismic loads	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal



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25	Dr. S.S Rathore	Analysis on effect of skew angle on performance assessment of r.c girder bridge deck	e-ISSN: 2582-5208	International research journal of modernization in engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
26	Dr. S.S Rathore	Static and dynamic analysis of transmission tower to wind and seismic loads	e-ISSN: 2582-5208	International research journal of modernization in Engineering technology and science	Peer-Reviewed, Open Access, Fully Refereed International Journal
27	Dr. S.S Rathore	Static and dynamic analysis of transmission tower to wind and seismic load	Tech ISSN 2582-5202	International journals of Modernization in Engg and	Peer-Reviewed, Open Access, Fully Refereed International Journal
28	Dr. S.S Rathore	Seismic behavior of multistoried prefabricated modular building	ISSN 2349-5162	Journals of Emerging technology and innovative research	Peer-Reviewed, Open Access, Fully Refereed International Journal
29	Dr. S.S Rathore	Analysis with comparison of raft structures	Tech ISSN 2582-5202	International journals of Modernization in Engg	Peer-Reviewed, Open Access, Fully Refereed International Journal
30	Mr. Mohitsingh Katoch	Study of fluoride content in groundwater of chandrapur region and fluoride removal by adsorption techniques	ISSN (O) 2393-8021, ISSN (P) 2394-1588	International Advanced Research Journal in Science, Engineering and Technology	Peer Reviewed journals



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31	Mrs Priyanka Petkar	G+12 multistory building introducing with belt truss and outrigger system using staad-pro software	ISSN 2349-5162	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
32	Mrs Priyanka Petkar	G+12 Multistoried building introducing with belt truss using stadd pro analysis	ISSN 2395-1052	International journal scientific research	Peer Reviewed journals
33	Dr.Sandeep Gaikwad	Analyzing & Comparing Hybrid Buckling Restrained Braced Frames with the Conventional Buckling-Restrained Braced Frames	ISSN 2349-5162	Journal of Emerging Technologies and Innovative Research	Peer Reviewed journals
34	Dr. Sandeep Gaikwad	A review on study of 30 storie building having transfer floor	ISSN 2455-3778	International journal for mordent trend in science and technology	Peer Reviewed journals
35	Dr. Sandeep Gaikwad	Comparing hybrid buckling braced frame with conventional buckling	ISSN 2349-5162	Journals of Emerging technology and innovative research	Peer Reviewed journals



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B Conference 2023-24 (CAY)

Sr No.	Name of the Faculty	Title of Paper conference	Date of the Conference	Details of Conference	Venue of the Conference	Indexing (Web of Science/Scopus /UGC Care/Peer Reviewed)
1	Dr S. S Rathore	Review of the sustainable use of industrial waste to replace the fine aggregate used to prepare concrete	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
2	Dr Snehal Abhyankar	Exploration acknowledgment and proposition traditional knowledge	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
3	Dr Aasif Baig	RC structural elements' reactions to blast load: A Current review	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
4	Dr Aasif Baig	RC structural element's reaction to blast load: A current review	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)



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5	Dr Aasif Baig	Analysis and Design of G+20 multi storied building by changing orientation of column	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)
	Dr Aasif Baig	Review of the sustainable use of	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)
6		industrial waste to replace the fine aggregate used to prepare the concrete				
7	Mr. Sanjay Bhadke	Bubble deck Technology – A Review	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
8	Mr. Sanjay Bhadke	Comparative Studies Of G+6 Commercial Building In STADD-PRO	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)
9	Dr Amey Khedikar	Elasto-Plastic Analysis of Multi-Storey Building using BIM	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)



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10	Dr Amey Khedikar	“Design of Steel-Concrete superstructure for road over bridge subjected to loading pattern recommended by IRC Class Loading	28 th Nov 2023	ICSMART-2023	Mauli College of Engg Shegaon	/UGC Care/Peer Reviewed)
11	Dr Amey Khedikar	Effect on behavior of structure with types of opening at multiple locations with variation in the size of shear wall	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
12	Dr. Sandeep Gaikwad	A Review on Structural Design and Analysis of Concrete Tunnels	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
		Keywords: Tunnel, Structure, Concrete, Seismic loading				



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13	Ms. Divyani Harpal	Review on seismic analysis of building with and without shear wall on different sloping ground angles for zone five	15 th & 16 th March 2024	IC-IKSAT 2K24	Gaikwad – Patil Group of Institution.	Scopus /UGC Care/Peer Reviewed)
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B Conference (2022-23) CAY m1

Sr No.	Name of the Faculty	Title of Paper conference	Date of the Conference	Details of Conference	Venue of the Conference	Indexing (Web of Science/Scopus /UGC Care/Peer Reviewed)
1	Mr . Sanjay Bhadke	Elasto-Plastic Analysis of Multi-Storey Building using BIM	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
2	Mr . Sanjay Bhadke	Analysis and design of r.c.c. footbridge construction considering cushion arrangements	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
3	Mr . Sanjay Bhadke	Concept & Analysis Of Pre Engineered Steel Buildings	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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	Mr. Sanjay Bhadke	Comparative Studies Of	Dec 22-23 , 2022	AICTE Sponsored 9 th	Abha Gikwad – Patil	(Web of Science/Scopus
4		G+6 Commercial Building In ETABS		International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	College of Engineering, Nagpur	/UGC Care/Peer Reviewed)
5	Mr. Sanjay Bhadke	Comparative Studies Of G+6 Commercial Building In ETABS	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
6	Mr . Sanjay Bhadke	Investigation On Durability Parameters Of Concrete Adopting Bubble Deck Technology And Its Validation	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering , Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
7	Mr . Sanjay Bhadke	Investigation On Durability Parameters Of Concrete Adopting Bubble Deck Technology And Its Validation	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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8	Dr.. Amey Khedikar	Response of multistoried building under different soil condition and based condition	April 8 -10 , 2023	Second international conference on Innovation in clean energy technology	Moulana Azad National Institute of technology Bhopal	Springer
9	Dr . Amey Khedikar	Elasto-Plastic Analysis of Multi-Storey Building using BIM	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering , Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
10	Dr . Amey Khedikar	Analysis Of Partially Braced Multistoreyed Building Frames Subjected To Gravity And Earthquake Loads	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering , Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
11	Dr . Amey Khedikar	Retrofitting And Rehabilitation Of Structures	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering , Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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12	Dr. Amey Khedikar	Comparison In RCC Structure In Submersible Bridges	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering , Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
13	Dr . Amey Khedikar	Design of Reinforced Masonry Block for Pavement	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
14	Dr. Amey Khedikar	Analysis On Detailing Of Pre-Engineered Building (Steel Structures)	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
	Mrs Priyanka Petkar	Seismic Analysis of Water Tank	July 22-23 , 2022	8 th International conference on Disruptive Technology for	Abha Gikwad – Patil College of	(Web of Science/Scopus /UGC
15		Based on Location with Different Soil Types		achieving Sustainable Development Goals (IC-DTSDG-22)	Engineering, Nagpur	Care/Peer Reviewed)



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16	Mrs Priyanka Petkar	Seismic Analysis of Water Tank Based on Location with Different Soil Types	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
17	Mrs Priyanka Petkar	Analysis of G+12 Multistory building Introducing With belt truss and outrigger system using a Staad-Pro Software.	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
18	Mrs Priyanka Petkar	Study Of Design Of Precast Superstructure	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
19	Mrs Priyanka Petkar	Comparative Analysis of Steel Roof Truss using STAAD PRO V8i	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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20	Mrs Priyanka Petkar	Steel Slag Ingredient For Concrete Pavement	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
	Dr . Aasif	Multistoried Prefabricate	July 22-23 , 2022	8 th International conference on	Abha Gikwad – Patil	(Web of Science/Scopus
21	Baig	d Modular Building		Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	College of Engineering, Nagpur	/UGC Care/Peer Reviewed)
22	Dr . Aasif Baig	Analysis And Design Of G+9 Building In Different Seismic Zone In India	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
23	Dr . Aasif Baig	Strengthening of Low Ductile Reinforced Concrete Frames Using Steel X-Bracings With Different Details	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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24	Dr . Aasif Baig	Analysis and Design of G+4 T.G.P.C.E.T . Nagpur located Building in II zone of India	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
25	Dr. Aasif Baig	Replacement of Quarry Sand with Natural Sand in Concrete	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
26	Dr . Aasif Baig	Environment al Effect on Concrete by Using Industrial Waste	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
				Goals (IC-DTSDG-22)		
27	Dr . Aasif Baig	Experimenta l Investigation For Utilization Of Waste Rubber In Concrete	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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28	Dr . Aasif Baig	Investigating of Charcoal as a filter material In Water Treatment	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
29	Mr. Mohitsingh Katoch	Conversion Of Waste Plastic Into Usable Fuel By Adopting Recycling Techniques	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
30	Mr. Mohitsingh Katoch	Sustainable Treatment of Wastewater Using Natural Coagulants Based on Plants Seeds	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
31	Ms. Divyani Harpal	A Proposed Low-Cost House Under Government Scheme Aawas Yojana	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
	Ms. Divyani Harpal	Steel Fibre Reinforced Concrete	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive	Abha Gikwad – Patil College of Engineering,	(Web of Science/Scopus /UGC Care/Peer



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32				Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Nagpur	Reviewed)
33	Ms. Divyani Harpal	Seismic Analysis of Regular & Vertical Geometric Irregular RCC Framed Building	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
34	Dr. Sandeep Gaikwad	Seismic Analysis of Water Tank Based on Location with Different Soil Types	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
35	Dr. Sandeep Gaikwad	Seismic Analysis of Water Tank Based on Location with Different Soil Types	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
36	Dr. Sandeep Gaikwad	Comparative study of high rise building with spandrel assessment	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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37	Dr. Sandeep Gaikwad	Analysis of G+12 Multistory building Introducing With belt truss and outrigger system using a Staad-Pro	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
38	Dr. Sandeep Gaikwad	Earthquake Resistant Non-Engineered Building	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
		Construction For Rural Area				
39	Dr. Sandeep Gaikwad	Bridge Construction s Using Composite Structures And Their Safety Measures	Dec 22-23 , 2022	AICTE Sponsored 9 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)
40	Dr S.S Rathore	Multistoried Prefabricate d Modular Building	July 22-23 , 2022	8 th International conference on Disruptive Technology for achieving Sustainable Development Goals (IC-DTSDG-22)	Abha Gikwad – Patil College of Engineering, Nagpur	(Web of Science/Scopus /UGC Care/Peer Reviewed)



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Conference 2021-22 CAY m2						
1	Dr Amey Khedikar	International conference of smart environment Management and solution	21-22 April 2022	International conference	Kalinga University, New Raipur	(Web of science / UGC care peer reviewed)
2	Dr Amey Khedikar	International conference on scientific computing in innovation	6 th -8 th April 2022	International conference	GNIET Institute of Technology	(Web of science / UGC care peer reviewed)
3	Dr Amey Khedikar	International conference on Modeling and simulation.	25 th -26 th March 2022	7 th International conference organized by Rungta group of Institution	Rungta Group of Institution Raipur	(Web of science / UGC care peer reviewed)
4	Dr Amey Khedikar	Adoption of green construction practices with focus on water resources	11 th – 12 th Feb 2022	International conclave organized by Indian water work Association, Nagpur	Indian water work Association, Nagpur	(Web of science / UGC care peer reviewed)
5	Dr Amey Khedikar	International conference on multidisciplinary research	28 th -29 th Jan 2022	International conference on multidisciplinary research and innovation	Sipna College of Engineering, Amravati	(Web of science / UGC care peer reviewed)
		and innovation		organized by Sipna College of Engg , Amravati		
6	Dr Amey Khedikar	International conference on Advances and Innovation in Civil Engineering	18 th -20 th March	International conference on Advances and Innovation in Civil Engineering	KDK College of Engineering, Nagpur	(Web of science / UGC care peer reviewed)



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7	Dr.Aasif Baig	International conference on Advances and Innovation in Civil Engineering	18 th -20 th March	International conference on Advances and Innovation in Civil Engineering	KDK College of Engineering, Nagpur	(Web of science / UGC care peer reviewed)
8	Dr.Aasif Baig	International conference on multidisciplinary research and innovation	28 th -29 th Jan 2022	International conference on multidisciplinary research and innovation organized by Sipna College of Engg , Amravati	Sipna College of Engineering, Amravati	(Web of science / UGC care peer reviewed)