

Shri Shankaracharya Institute of Professional Management & Technology, P.O. Sejbahar, Mujgahan, Raipur (C.G.)

DEPARTMENT OF CIVIL ENGINEERING

STUDENT PUBLICATION 2022-23

S.No.	NAME OF STUDENTS	Title of the Paper	Journal Name	Volume No./Issue No.
1	Bhavesh Kumar Kashyap, Harshit Mishra, Mayank Verma , Abhishek Bisen , Shubham Tiwary , Anurag Wahane , Dr. Alok Kumar Jain	Synchronization of Optimized Traffic Signals Designed by Webster method along Six Intersections of Raipur City from Sharda Chowk to Telibandha Chowk	International Conference on Sustainable Technology and Advanced Computing in Electrical Engineering (ICSTACE) , 2021	SPRINGER NATURE , (LNEE,volume 939), 2022
2	Nikhil Sahu,Jay Kumar Sahu, Aditya,Anant Kumar	An experimental investigation of paver block using polypropylene waste and industrial ashes	ICRAMERD22 12th-13th August 2022- SIKSHA 'O' ANUSANDHAN UNIVERSITY	MATERIAL TODAY
3	Rishabh Das, Arvind Tandon, Mukesh Sahu , Sneha Patel , Anurag Wahane	Evaluation of Composite Panel Made with Waste Newspaper and Wood Dust	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
4	Krishna Deep , Romendra Yadav , Soumya Chakradhari , Lyukendra Deshahare , Shrijal Dubey	Experimental Study of Compressive Strength and Water Absorption property of Brick by partial replacement of Rice Husk by Fly Ash	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
5	Anurag Wahane, Bhupendra Telasi , Chirag Dewangan , Ish Kumar Sahu , Sarjun Kumar Bharadwaj	Effect of Compressive Strength of Concrete by Replacement of Cement by Rice Husk Ash & Bamboo Leaf Ash	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
6	Pankaj Sahu, Yukta Sahu , Nidhi Ukey , Ashfaqe Ali , Anant Kumar	Replacement of Glass fibre with coir in plaster of paris sheet	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
7	Rajan Kumar Singh , Mrigendra Patel , Rahul Gupta , Balwant Gurjar , Vineet Anchal	Analysis of Pervious Concrete	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
8	Ankur Mishra, Dheeraj Kumar Bharti , Satyanshu Kumar , Shreyansh Yadav , Toshani Singh Rathour	Study of Compressive Strength of Concrete by Partial Replacement of Fine Aggregate with Quarry Dust	International Journal of Futuristic Innovation in Engineering, Science and Technology (JFIEST)	ISSN 2583-6234, Volume I, Issue II, December 2022
9	Ankush Thakre, Dr. Tarun Kumar Rajak	Utilization of Waste Sole Leather with Fly Ash for Self- compacting Concrete	International Conference on Advances in Earth and Environmental Studies	Volume - 1032 (2022) 012002 ,
10	Aman Jitendra Dhadiwal, Tarun Kumar Rajak	NSM Technology with GFRP and Sisal Rope Fibre for Flexural Strengthening of RC Beams	ICRAMERD22 12th-13th August 2022- SIKSHA 'O' ANUSANDHAN UNIVERSITY	2022
11	Chandresh, Md. Parvej Alam	To Study the Effect of Geopolymer Concrete by Using Metakolin & Bottom Ash	ICRAMERD22 12th-13th August 2022- SIKSHA 'O' ANUSANDHAN UNIVERSITY	2022

12	Manisha verma , Md. Parvej Alam	Experimental study on metakaolin and nano alumina based concrete	ICRAMERD22 12th-13th August 2022- SIKSHA 'O' ANUSANDHAN UNIVERSITY	2022
13	Abhishek Mishra , Parvej Alam	Finite Element Method and P-delta analysis of G+10 multistorey Frame bulding structure by using etabs software.	SESBT 2022	2022
14	Aajma Kaushal , Himanshu Shrivastava	An Innovation on Properties of Foam Concrete with Different Admixture	International Journal of Scientific Research in Engineering and Management	Volume: 06 Issue: 03 March - 2022
15	Yunus Hussain, Himanshu Shrivastava	“Analysis & Design of Structural Elements of Residential Building Located at Spencer Road, Bangalore”	International Research Journal of Engineering and Technology	Volume: 08 Issue: 10 Oct 2021
16	Reena Sahu , Anurag Wahane	Numerical Analysis and Validation of Irregularity in Moment Frame Structure Due to Varying Location of Tuned Mass Damper	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 10 Issue VIII August 2022
17	Barkha Verma, Mohd Sadique Khan	Seismic Analysis of Multi-Story RCC Structure with Flat, Grid and Conventional Slab	JETIR	Year : June-2022 Volume: 9 Issue: 6
18	Aditi Dubey , Toshan Singh Rathour	Analysis of Bridge Pier as per Different Seismic Zone of India	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
19	Bharat Kumar Dulani , Dr. Tarun Kumar Rajak	Strength improvement of Black Cotton Soil Stabilized with Steel Slag and Rice Husk Ash	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
20	Ujjwal Thakur, Rajan Kumar Singh	Developing an efficient deep learning model for anomaly detection for monitoring the structural health of buildings	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
21	Mukesh Kumar Gupta , Toshan singh Rathour , Sanjay Shukla	Design of an Industrial Structure Using Limit State Method and Working Stress Method by Angle and Compare with Tubular Section	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
22	Menda Babu Rao, Toshan Singh Rathour	Analysis & Design of Composite Prestressed Concrete I-Girder Bridge Using MIDAS Civil	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
23	Ravi Kumar Khandel , Dr. Tarun Kumar Rajak	Behaviour of Deep Excavation with Diaphragm Wall and Strut Member	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022
24	Toshan Singh Rathour , Priya Pal	Parametric Study of Low Calcium Fly Ash Based Geopolymer Concrete	International Journal of Futuristic Innovation in Engineering, Science and Technology (IJFIEST)	Volume I, Issue II, December 2022

25	Md. Parvej Alam , Neeraj Kumar Sahu	A Comparative Study of Waffle Slab	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
26	Ashish Soni, Parvej Alam	Self-Cured Concrete Using Water Retaining Agents	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
27	Reena Sahu, Pradeep Kumar Ghosh, Anurag Wahane, Sri Ram Krishna Mishra, Sanket Shrivastava	“Seismic Behavior of Torsional & Mass Irregularity Due to Consideration of Tuned Mass Damper at Different Position of Building”	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
28	Sagar Dubey, Pradeep Kumar Ghosh, Barkha Verma, Anurag Wahane, Ravi Kumar Khandel	Buckling Analysis of Perforated Hot Rolled Steel Sections	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
29	Robin Singh, Barkha Verma	Comparative Study of the Seismic Performance of Tubular Frame, Diagrid, Pentagrid, and Hexagrid Structural Systems using ETABS	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
30	Meraz Ali, Barkha Verma	Analysis of Non-Parallel Lateral Force System Irregularity in RCC Structure Using ETAB	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
31	Shubham Singh, Barkha Verma	Retrofitting of Skyscraper Building By Using Time History Analysis	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
32	Ujjwal Thakur, Rajan Kumar Singh, Sanjeev Ashatkar	Developing An Efficient Deep Learning Model For Anomaly Detection For Monitoring The Structural Health Of Buildings	Mathematical Statistician and Engineering Applications	Vol. 71 No. 4 (2022)
33	Krishna Deep, Nehal Thakur, Sameer Naik, Neelesh Patel, Rachit Panjwani	Experimental Study Of Characteristic properties of Cow dung ash and its comparison with that of conventional binding material Cement for sustainability	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
34	Nikita Verma, Ms. Barkha Verma, Geetanjali Thakur, Vineet Kumar, Abhishek Sahare	Experimental Study of Self Curing Concrete Using Super Absorbent Polymer and Rice Husk Ash	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
35	Deo Anand, Mr. Rajan Kumar Singh, Mr. Parvez Aalam	Seismic Analysis of Flat Slab Structure	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
36	Ayushi Lalwani , Divyarth Manas, Harsh Chandrakar, Ullas Tripathi, Suyash Dewangan	Copper Slag as a partial replacement for fine aggregate in concrete paver blocks.	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
37	Shreya Kushwaha ,Ms.Barkha Verma, Vidhya Prabhakar, Valsa Mary Minj, Hema Sahu, Yashaswi Rathod	Experimental Study of Partial Replacement of Coarse Aggregate with C&D waste of M20 grade, Addition of CoconutFiber	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01

38	Keshav Agrawal, Rupali Sahu, Shubha Upadhyay, Parth Tiwari, Dr. Tarun Kumar Rajak	“Strength Characteristics and Stabilization of Loose Soil Mixed with Pond Ash and Steel Slag”	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
39	Seema, Parvej Alam, Kunal Kumar	Experimental study on mechanical properties of concrete using waste material	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
40	MD Parvej Aalam, Dharmendra Kumar Pandey	Study on Geopolymer Using GGBS as Partial Replacement of Fine Aggregate	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
41	Kishor Kumar, MD Parvej Aalam, Rajan Kumar Singh	Study properties of Geopolymer Using CBA as partial replacement by fine aggregate	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
42	Geetika Verma, MD Parvej Aalam	Design and Analysis of G+10 Commercial Building with Slanted Column using ETABS	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
43	Kamini Patel, Dr. Tarun Kumar Rajak	Utilization of Face Mask Wastes in Construction Material: A Review	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
44	Anant Kumar, Utkarsh Singh, Prateek Pathak, Devesh Sahu, Pranjali Shrivastav	Analysis and Treatment of Grey water and its Applications in Rural Areas	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
45	Ravi Kumar Khandel, Neerkant Patel, Shaili Yadav, Khitab Pandey, Kamlesh Kumar Sahu, Tarun Kumar Rajak	Stabilization of Soft Soil using Industrial By-Products	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
46	Chandrasah Ghritlahre, Anurag Wahane, Pradeep Kumar Ghosh , Sri Ram Krishna Mishra	A REVIEW ON EXPERIMENTAL INVESTIGATION OF FIBER REINFORCED CONCRETE	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
47	Barkha Verma, Abhinav Kakde	Response Check of Structures in Varying Sloping Ground with Shear Wall of Different Heights	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
48	Anish Tulswani, Bheeshmanarayan Sonwani , Rajan Kumar Singh, Shishir Jaiswal, Rishu Agarwal	Effect of Powdered Eggshell (ESP) on Stabilization of Clayey Soil	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
49	Yash Kumar Sahu, MD Parvej Aalam	Ductile Detailing of Water Tank on Two Different Seismic Zones	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
50	Yashvi Singh Parihar, Samarth Vaidya, Mr. Parvej Alam, Prithvi Singh, Aniket kawadisao	Economical, Eco-friendly concrete cube using RHA and GGBS	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01

51	Sanjeev Ashatkar, Dr. Tarun Kumar Rajak, Ujjwal Thakur, Gunjan Patel	Review on Self Curing Concrete &Increasing Concrete Strength.	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
52	Parvej Alam, Subhash Netam, Harsh Vardhan Choubey, Mohd. Rehan Qureshi, Syed Fazil Ali	“Manufacturing of Bricks by Using of Black Cotton Soil”	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
53	Varun Chhabria, Anurag Wahane, Pradeep Kumar Ghosh, Sri Ram Krishna Mishra	Discussion of Discontinuity in Floor Diaphragm Irregularity for Earthquake Design of a Building	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
54	MD Parvej Aalam, Hina Kowsar, Somya Diwan	Experimental Study on High Performance Concrete	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
55	Priti Sahu, Toshan Singh Rathour, Pranjali Chandrakar	A Study on Compressive Strength and Self-Healing Performance of Bacterial Concrete using Bacillus Sphaericus	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
56	Jatin Gautam, Rajan Kumar Singh	A COMPREHENSIVE STUDY ON SEISMIC BEHAVIOR OF BUILDING SUBJECTED TO SLOPING GROUND	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
57	Rajat Chandrakar, Dr. Tarun Kumar Rajak	Limitations and Potential of Coconut, Glass, and Polymer Fibers for Fiber-Reinforced Concrete: A State-of-the-Art Review	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
58	Saiyam Jain, Dr. Tarun Kumar Rajak, Ujjwal Thakur	STRUCTURAL ANALYSIS OF ROOF TRUSS STRUCTURE AS PER DIFFERENT INPUT PARAMETERS IN ANSYS	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
59	Shivani Patel, Kajal Tarak, Toshan Singh Rathour	An Experimental Study on Self-Curing Concrete with Ordinary Portland Cement Using Liquid Paraffin Wax	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
60	Gunjan Patel, Toshan Singh Rathour, Ankit Ahuja, Sanjeev Ashatkar	A Study on Compressive Strength and Self-Healing Performance of Bacterial Concrete using Bacillus Subtilis	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01
61	Pulkit Daga, Toshan Singh Rathour, Mayank Kotadia	Durability Properties Concrete and Steel Fibre Reinforced Concrete	International Journal of Early Childhood Special Education (INT-JECSE)	Volume 15 Issue 2 2023-02-01