

**CAY(2021-22)**

Name of Author	Title of Publication	Type of Publication International Journal/National Journal/International Conference/ National Conference/ Book Chapter/ Book	Name of the International Journal/National Journal/International Conference/ National Conference/ Book Chapter/ Book	Year of Publication	ISSN/ISB N/DOI
Prof.(Dr) Biman Mukherjee	Regional Study on Historic Monuments	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2319-7463
Prof.(Dr) Biman Mukherjee	Concrete using Disposable Material As Aggregate (A Review)	International Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455- 6211
Prof.(Dr) Biman Mukherjee	Nonlinear Analysis of Masonry Structures	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2319-7463
Prof.(Dr) Biman Mukherjee	Evolution of New Austrian Tunnelling Method (NATM) in Tunnelling	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	A Review Paper on Behavioural Studies on Hollow Double Skinned Steel Concrete Composite Columns	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	A Study on Partial Replacement of Sand by Cast Iron Dust in Standard Concrete	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	Study on Self-Compacting Concrete Using High Volume of Fly Ash	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	Comparative Studies of Different Papers Based on the Experiment of Replacing Concrete Aggregate by Demolished Building Waste and find a Conclusion to do Further Experiments	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2455-6211

Prof.(Dr) Biman Mukherjee	An experimental study on the performance of concrete by using various fiber reinforcements such as steel fiber, glass fiber, and nylon fiber	International Journal	International Journal of Enhanced Research in Science, Technology & Engineering	2021	ISSN: 2456-3315
Prof.(Dr) Biman Mukherjee	Study on the partial replacement of ingredients of concrete with RHA, Stone dust and rubber aggregate	International Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2022	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	Determine the settlement of building due to Tunnel construction	International Journal	IJERT	2022	ISSN: 2278-0181
Prof.(Dr) Biman Mukherjee	Case study on light transmitting concrete	International Journal	IJRAR	2022	ISSN: 2349-5138
Prof.(Dr) Biman Mukherjee	Using bacteria to make self healing concrete	International Journal	IJARESM	2022	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	Experimental investigation on mechanical properties high performance concrete by using bacillus subtilis	International Journal	IJAEM	2022	ISSN: 2395-5252
Prof.(Dr) Biman Mukherjee	Experimental study on performance of concrete by partial replacement of cement with various pozzolanic materials	International Journal	IJARESM	2022	ISSN: 2455-6211
Prof.(Dr) Biman Mukherjee	Areview on Engineered cementitious composite	International Journal	IJARESM	2022	ISSN: 2455-6211
Prof.(Dr) Biswajit Mukherjee	Sustainable water management in india	International Journal	International Journal of Scientific and Engineering research	2022	ISSN: 2229-5518
Prof. Anusua Mandal	Remedial Measures to Landslides and Utilisation of Runoff Water	National Conference	National Conference on Science, Technology & Communication Skills (NCSTCS 2K22)	2022	ISBN: 978-93-89817-42-3

**CAYm1(2020-21)**

Name of Author	Title of Publication	Type of Publication International Journal/National Journal/International Conference/National Conference/ Book Chapter/ Book	Name of the International Journal/National Journal/International Conference/ National Conference/ Book Chapter/ Book	Year of Publication	ISSN/ISBN/DOI
ABHIPRIYA HALDER	A Comparative study on slope stability analysis by different approaches	Book Chapter	Geotechnical Characterization and Modelling	2020	Web of science
ABHIPRIYA HALDER	Assesment of Liquefaction potential of JIS University Building, Agarpara area in west Bengal as per IS 1893 (Part-1)-2016	International Conference	International Conference on Futute trends and Technological advancement in engineering 2020, Narula Institute of Technology, Kolkata ,	2020	Web of science
ABHIPRIYA HALDER	A Comparative Analysis on Evaluation of Liquefaction Potential from SPT and DMT/SDMT for Alluvial Soil in Newtown, Rajarhat area of Kolkata	International Conference	Second ASCE India Conference on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies” (CRSIDE2020), Kolkata	2020	Web of science
ABHIPRIYA HALDER	A Comparative Study on slope stability analysis by different approaches	Book Chapter	Lecture notes of IGC	2020	Web of science
RAJ KUMAR BANERJEE	Assesment of Liquefaction potential of JIS University Building, Agarpara area in west Bengal as per IS 1893 (Part-1)-2016	International Conference	International Conference on Futute trends and Technological advancement in engineering 2020, Narula Institute of Technology, Kolkata ,	2020	Web of science
ARYA BANERJEE	A case study on torsional irregularity in accordance with the latest amendment of IS 1893: part I(2016-2020)	International Journal	International Research journal of engineering and Technology (IRJET)	2021	e- ISSN:2395-0056 p- ISSN:2395-0072
ARYA BANERJEE	A brief study on yhe recommendation with in the ammendment-II for IS:1893-Part-Ifor the various ireegularity concerns	International Journal	International journal of creative research thought (IJCRT)	2021	ISSN:2320-2882

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ARYA BANERJEE	Time history analysis of a 20 storey model with dampers at different locations - A review	International Journal	International research journal of modernization in engineering technology and science	2021	e-ISSN:2582-5208
Abhishek Hazra	A Study on the Seismic Behavior of RCC and Steel-Concrete Composite Structure	International Conference	International Conference on Future Trends and Technological Advancement in Engineering 2020, Narula Institute of Technology, Kolkata	2020	ISBN: 978-81-950351-1-3
Abhishek Hazra	Capturing Inelastic Behavior of R/C Structures in terms of Hysteresis Modelling: State of the Art	International Conference	International Conference on Future Trends and Technological Advancement in Engineering 2020, Narula Institute of Technology, Kolkata	2020	ISBN: 978-81-950351-1-4
ARPITA MANDAL	A Study on the Seismic Behavior of RCC and Steel-Concrete Composite Structure	International Conference	International Conference on Future Trends and Technological Advancement in Engineering 2020, Narula Institute of Technology, Kolkata	2020	ISBN: 978-81-950351-1-3
Prof.(Dr) Biman Mukherjee	A Comparative Review of Seismic Behavior of RC Structures Using Indian standard and Euro Standard	International Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6214
Prof.(Dr) Biman Mukherjee	A Review paper on Sismic retrofitting of reinforced concrete structures by traditional and innovative techniques	International Journal	International Resarch journal of engineering and Technology (IRJET)	2021	e ISSN: 2395-0056

**CAYm2(2019-20)**

Name of Author	Title of Publication	Type of Publication International Journal/National Journal/International Conference/ National Conference/ Book Chapter/ Book	Name of the International Journal/National Journal/International Conference/ National Conference/ Book Chapter/ Book	Year of Publication	ISSN/ISBN/DOI
Dr. Arpita Mandal	Experimental and Numerical free vibration analysis of laminated composite plates with arbitrary cut-outs	International Journal	Institution of Engineers (India): Series C	2020	DOI 10.1007/s40032-019-00537-7
Dr. Arpita Mandal	Free vibration analysis of laminated composite plates and shells subjected to concentrated mass at the centre	Book Chapter	Recent Advances In Theoretical, Applied, Computational and Experimental Mechanics, Proceedings of ICTACEM 2017, pp.281–289, 2020. DOI 10.1007%2F978-981-15-1189-9.	2020	Web of science
ABHIPRIYA HALDER	A Comparative Analysis on Evaluation of Liquefaction Potential from SPT and DMT/SDMT for Alluvial Soil in Newtown, Rajarhat area of Kolkata	International Conference	Second ASCE India Conference on “Challenges of Resilient and Sustainable Infrastructure Development in Emerging Economies” (CRSIDE2020), Kolkata	2020	Web of science
ABHIPRIYA HALDER	Final Cover Construction and Slope Stability assesment of Waste Dump-a Case study	Book Chapter	IC_SWMD 2018	2019	Web of science
ABHIPRIYA HALDER	Bio- energy potentials from Biomass	National Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM-2019)	2019	Web of science
ABHIPRIYA HALDER	Concrete uses in Carbon Capture	National Conference	National Conference on Environmental Sustainability, Water Resource and Management	2019	Web of science
ARYA BANERJEE	Bio- energy potentials from Biomass	National Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM-2019)	2019	Web of science

ARYA BANERJEE	Concrete uses in Carbon Capture	National Conference	National Conference on Environmental Sustainability, Water Resource and Management	2019	Web of science
RAJKUMAR BANERJEE	Bio- energy potentials from Biomass	National Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM-2019)	2019	Web of science
RAJKUMAR BANERJEE	Concrete uses in Carbon Capture	National Conference	National Conference on Environmental Sustainability, Water Resource and Management	2019	Web of science
Abhishek Hazra	A Perspective on Domestic Waste Water Management in Urban Areas of India	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978-93-89817-19-5
Abhishek Hazra	BIM- The Future of Sustainable Development	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978-93-89817-19-5
Abhishek Hazra	An Overview on Artificial Recharging Methods of Sub Surface Ground Water	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978-93-89817-19-5
Abhishek Hazra	Study on Various Methods for the Removal of Arsenic Contamination in Groundwater	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978-93-89817-19-5
Abhishek Hazra	An Overview on Environmental impact - Natural Draught vs. Induced Draft Cooling Tower	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978-93-89817-19-5

Name of the Student Author	Name of the Faculty Co-Authors	Title of Publication	Type of Publication International Journal/National Journal/International Conference / National Conference / Book Chapter/ Book	Name of the International Journal/National Journal/International Conference/National Conference/Book Chapter/Book	Year of Publication	ISSN/ISBN
<b>CAY (2021-2022)</b>						
Debraj Sharma	Arya Banerjee	Prestressed Concrete I-Girder	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Tamajit Ghosh	Arya Banerjee	Prestressed Concrete I-Girder	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6212
Hiranmoy Barman	Dr. Biman Mukherjee	Prestressed Concrete I-Girder	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6213
Chirantani Biswas	Dr. Biman Mukherjee	Prestressed Concrete I-Girder	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6214

Antara Jana	Dr. Biman Mukherjee	A Review Paper on Seismic Retrofitting of Reinforced Concrete Structure by Traditional and Innovative Techniques	International Research Journal	International Research Journal of Engineering and Technology (IRJET)	2021	e- ISSN: 2395- 0056
Moumita Ghosh	Dr. Biman Mukherjee	A Review Paper on Seismic Retrofitting of Reinforced Concrete Structure by Traditional and Innovative Techniques	International Research Journal	International Research Journal of Engineering and Technology (IRJET)	2021	e- ISSN: 2395- 0057
Suraj Pal	Dr. Biman Mukherjee	A Review Paper on Seismic Retrofitting of Reinforced Concrete Structure by Traditional and Innovative Techniques	International Research Journal	International Research Journal of Engineering and Technology (IRJET)	2021	e- ISSN: 2395- 0058
Shouvik Banerjee	Dr. Biman Mukherjee	A Review Paper on Seismic Retrofitting of Reinforced Concrete Structure by Traditional and Innovative Techniques	International Research Journal	International Research Journal of Engineering and Technology (IRJET)	2021	e- ISSN: 2395- 0059
Roopanjana Chakroborty	Dr. Biman Mukherjee	A Comparative Review of Seismic Behavior of RC Structures Using Indian standard and Euro Standard	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455- 6211
Shaikh Miraj Uddin	Dr. Biman Mukherjee	A Comparative Review of Seismic Behavior of RC Structures Using Indian standard and	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455- 6212



		Euro Standard				
Debakinandan Koley	Dr. Biman Mukherjee	A Comparative Review of Seismic Behavior of RC Structures Using Indian standard and Euro Standard	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6213
Abhradip Mitra	Dr. Biman Mukherjee	A Comparative Review of Seismic Behavior of RC Structures Using Indian standard and Euro Standard	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6214
Sanjib Ali	Dr. Biman Mukherjee	Future of AI in Construction Industry of India	International Research Journal	International Journal of Creative Research Thoughts (IJCRT)	2021	ISSN: 2320 2882
Rudranath Saha	Arya Banerjee	Future of AI in Construction Industry of India	International Research Journal	International Journal of Creative Research Thoughts (IJCRT)	2021	ISSN: 2320 2883
<b>CAYm1 (2020-2021)</b>						
Kumari Pallavi Rani	Dr. Biman Mukherjee	Future of AI in Construction Industry of India	International Research Journal	International Journal of Creative Research Thoughts (IJCRT)	2021	ISSN: 2320 2884
Rudra Kanta Gouri	Arya Banerjee	Future of AI in Construction Industry of India	International Research Journal	International Journal of Creative Research Thoughts (IJCRT)	2021	ISSN: 2320 2885

Abhinaba Dipakar Dey	Dr. Biman Mukherjee	Future of AI in Construction Industry of India	International Research Journal	International Journal of Creative Research Thoughts (IJCRT)	2021	ISSN: 2320 2886
Subhadeep Bose	Dr. Biman Mukherjee	Pre-Engineered Building Design: Using Tekla Structural Designer	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM),	2021	ISSN: 2455-6211
Sagnik Majumder	Dr. Biman Mukherjee	Repair, Rehabilitation, and Retrofitting of Reinforced Cement Concrete in Different Situations and Methods	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Anwesh Ghosh	Dr. Biman Mukherjee	Repair, Rehabilitation, and Retrofitting of Reinforced Cement Concrete in Different Situations and Methods	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Sreya Das	Dr. Biman Mukherjee	Repair, Rehabilitation, and Retrofitting of Reinforced Cement Concrete in Different Situations and Methods	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Ipsita Maitra	Dr. Biman Mukherjee	Repair, Rehabilitation, and Retrofitting of Reinforced Cement Concrete in Different Situations and Methods	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211

Khalid Houssain	Dr. Biman Mukherjee	Repair, Rehabilitation, and Retrofitting of Reinforced Cement Concrete in Different Situations and Methods	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Subhamay Nag	Dr. Biman Mukherjee	Review on Sustainable Design and Building Construction	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
Arindam Samui	Dr. Biman Mukherjee	Review on Sustainable Design and Building Construction	International Research Journal	International Journal of All Research Education and Scientific Methods (IJARESM)	2021	ISSN: 2455-6211
RIYA SWARNAKAR	ANASUYA MONDAL	Remedial measures to landslides and utilization of runoff water	NATIONAL CONF	Proceedings of 3RD National Conference on SCIENCE, TECHNOLOGY AND COMMUNICATION SKILLS (NCSTCS 2K20)	2020	ISBN: 978-93-89817-42-3
<b>CAYm2 (2019-2020)</b>						
Palash Nath	ABHISHEK HAZRA	A Study on the Seismic Behavior of RCC and Steel-Concrete Composite Structure	International Conference	International Conference on Future Trends and Technological Advancement in Engineering 2020, Narula Institute of Technology, Kolkata	2020	ISBN: 978-81-950351-2-0
Subhojit Maity	ABHISHEK HAZRA	Capturing Inelastic Behavior of R/C Structures in terms of Hysteresis	International Conference	International Conference on Future Trends and Technological Advancement in	2020	ISBN: 978-81-950351-2-0

		Modelling: State of the Art		Engineering 2020, Narula Institute of Technology, Kolkata		
Shaoni Mukherjee	ABHISHEK HAZRA	A Perspective on Domestic Waste Water Management in Urban Areas of India	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978- 93- 89817 -19-5
Shaoni Mukherjee	ABHISHEK HAZRA	BIM- The Future of Sustainable Development	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978- 93- 89817 -19-5
Subhojit Maity	ABHISHEK HAZRA	An Overview on Artificial Recharging Methods of Sub Surface Ground Water	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978- 93- 89817 -19-5
Subhojit Maity	ABHISHEK HAZRA	Study on Various Methods for the Removal of Arsenic Contamination in Groundwater	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology,	2019	ISBN: 978- 93- 89817 -19-5

				8-9th November, 2019		
Nabanita Biswas	ABHISHEK HAZRA	An Overview on Environmental impact - Natural Draught vs. Induced Draft Cooling Tower	International Conference	National Conference on Environmental Sustainability, Water resource and Management (ESWRM 2019) Narula Institute of Technology, 8-9th November, 2019	2019	ISBN: 978- 93- 89817 -19-5