

**DEPARTMENT OF CIVIL ENGINEERING**

**Details of Research publication for 2019-20**

Sl. no	Name of faculty	Title of Research Paper	Name of Journal/ISSN	Date of publish	Hindex
1	Dr Geena George	“Study on Characteristic Strength of Concrete Partially Replaced by Geopolymer Aggregates”	AMC Indian Journal of Civil Engineering,2019	June 2019	Google Scholar
2	Prof Barnali Ghosh	“ Engineering and Agricultural Properties of Black Cotton and Red Sandy Soil”	“AMC Indian Journal Of Civil Engineering “ ISSUE NUMBER ,2019	JULY – DECEMBER 2019	Google Scholar

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**Details of Research publication for 2020-21**

Sl. no	Name of faculty	Title of Research Paper	Name of Journal/ISSN	Date of publish	hindex	OBE
1	Dr Nagaraj Sitaram	Construction of Low Cost Less Time (LCLT) Houses by using Wood	International Journal of Scientific Research in Civil Engineering” IJSRCE Volume 7 Issue 1 ISSN : 2456-6667	2021	Google Scholar	-
2	Dr Geena George	“A study on Embodied Energy of Various Building Blocks in the Construction Industry”	AMC Indian Journal of Civil Engineering, ISSN - 2581-8171 Volume3,	July-December 2020	Google Scholar	-
3	Dr Geena George	“GOT (Generation, Operation and Transformation) of Electricity through Smart Pavement”	Journal of Emerging Technologies and Innovative Research (JETIR) Volume 7, Issue 10.	October 2020,	Google Scholar	-
4	Dr Geena George	“Experimental Study On Strengthening Of R.C Beam Using Glass Fibre Wrapping”, SSRG	International Journal of Civil Engineering (SSRG-IJCE) – Volume 7 Issue 9	Sep 2020	Google Scholar	-
5	Dr Geena George	“Evaluation of Strength and Durability of Geo Polymer Concrete”	International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 9 Issue 08,	August -2020	Google Scholar	-
6	Prof Barnali Ghosh	“Evaluation of strength properties of GGBS based Geopolymer Concrete,	“International Journal of Creative research Thoughts, Volume 8 Issue 9	September 2020.”	Google Scholar	-
7	Prof	Photocatalytic	International Journal	January	Google	-

	Barnali Ghosh	Degradation Studies of Textile Industrial Effluent Using Nano Tungstate”	of Scientific Research in Civil Engineering” IJSRCE Volume 7 Issue 1 ISSN : 2456-6667	2021	Scholar	
8	Prof. Sreedhar. N	“Flexural Behaviour of RCC-Beam with Partial Replacement of Recycled Coarse Aggregate Obtained from Construction Demolished Waste”	International Journal of Scientific Research in Civil Engineering © IJSRCE Volume 7 , Issue 1 , ISSN : 2456-6667	January 2021	Google Scholar	-
9	Prof. Rajani V Akki	Published a paper on “Seismic Evaluation of RCC Building Connected with and without X-Braced Friction Dampers”	International Journal of Advanced Science and Technology Vol. 29, No. 6, (2020), pp. 5343 - 5354	2020	WOS	Q4
10	Prof. Rajani V Akki	“Top Issues that affects most of the Woman at Work Place and solution to overcome those challenges”. titled paper published in	thathapi, UGC care list ISSN: 2320-0693 Vol-19-Issue-10-	May-2020	Google Scholar	-
11	Prof. Rajani V Akki	"review on accelerated carbonation on the properties of concrete"	international journal of engineering and advanced technology(IJEAT) ISSN:2249-8958, volume 10, issue 3	February 2021	Google Scholar	-

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1	Dr Nagaraj Sitaram	Performance of nano materials for the strength development in concrete cube used as Partial replacement for cement at different temperatures	Materials Today: Proceedings, ELSEVIER Publication	2021	Scopus	Q3
2	Dr Nagaraj Sitaram	Performance Evaluation of Different types of Nano Concrete for sustainable construction	Journal of Xidian University, ISSN No: 1001-2400. Volume 15, Issue 6	2021	Scopus	Q3
3	Dr Geena George	Study on the Effect of Mix Composition and Curing Period on the Microstructure of Geopolymer Aggregates	Journal of Xidian University, ISSN No: 1001-2400. Volume 15, Issue 6	2021	Scopus	Q3
4	Prof Barnali Ghosh	Seismic response analysis of Earth Dam using PLAXIS	Lecture Notes in Civil Engineering, vol 138. Print ISBN978-981-33-6563-6 Online ISBN978-981-33-6564-3. Springer, Singapore	May 2021	Scopus	Q3
5	Prof Barnali Ghosh	Seismic Response study on Kaswati Dam	Recent Advances in Earthquake Engineering, Print ISBN978-981-16-4616-4, Online ISBN978-981-16-4617-1 Springer	September, 2021	Scopus	Q3

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6	Dr Geena George	Ground Water Quality Mapping using Arc GIS :A Case study near Mandur Dumping Site, Bangalore,India	AMC Indian Journal of Civil Engineering, Vol 4	July-Dec 2021	Google Scholar	-
7	Dr Nagaraj Sitaram	“Innovative Teaching Learning Methods in Technical Courses During COVID Lockdown”	Book Chapter at IOR international Press publication . ISBN 978-93-89631-66-1 E – BOOK 978-93-89631-67-8	2021	Google Scholar	Q4
8	Dr Geena George	An Experimental Study on the Properties of Geopolymer Aggregates -- An Ecofriendly Alternative to Natural Coarse Aggregates	Indian Journal of Natural Sciences, Vol.12 / Issue 68	October / 2021	WOS	Q4
9	Prof Shova NV	Ground Water Quality Mapping using Arc GIS :A Case study near Mandur Dumping Site, Bangalore,India	AMC Indian Journal of Civil Engineering, Vol 4	July-Dec 2021	Google Scholar	-
10	Prof. Rajani V Akki	LOW-COST AUTOMATIC IRRIGATION SYSTEM USING SOIL MOISTURE SENSORS	Vidyabharati International Interdisciplinary Research Journal (Special Issue) ISSN 2319-4979	October 2021	WOS	Q4
11	Prof. Rajani V Akki	SMART BINS – IoT GARBAGE MONITORING SYSTEM	Vidyabharati International Interdisciplinary Research Journal (Special Issue) ISSN 2319-4979	October 2021	WOS	Q4
12	Dr Geena George	“A Comparison of Project Planning and Scheduling Software’s Primavera and Microsoft Project used in the Construction Industry”, - September, 2021	International Journal of Engineering Technologies and Management Research Volume 8 Issue 9	September, 2021	Google Scholar	-

13	Dr Geena George	“High strength concrete using ground granulated blast-furnace slag with alcofine and with silica fume”, - July, 2022	Mehran university research journal of Engineering and Technology	July , 2022	WOS	Q3
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**Details of Research publication for 2022-23**

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1	Dr Nagaraj Sitaram	Comparison of Risk Evaluation in a Ground Floor of a Modern House with Conventional House	Journal of IRJET: Volume:09 Issue:07	July 2022	Google Scholar	Q4
2	Dr Geena George	Study on Characteristic Strength of Geo polymer Aggregate Concrete	IOP Conference Series: Earth and Environmental Science, Conf. Ser.: Earth Environ. Sci. 1086 012011	13/10/2022	Scopus	Q3
3	Dr Geena George	Planning, Scheduling and Cost Estimation of Villa Project Using Microsoft Project	Journal of IJRASET ISSN:2321-9653	September 2022	Google Scholar	Q4
4	Dr Geena George	Relative Study on Clash Detection and its Effects on BIM Modelling	Journal of IJRASET	September 2022	Google Scholar	Q4
5	Dr Geena George	A Case Study on Watershed Study for Flood Mitigation Using Arc GIS of Belgavi Region, Karnataka, India	AMC Indian Journal of Civil Engineering Volume 5, Issue 2	July-December 2022	Google Scholar	Q4
6	Prof. Barnali Ghosh	Liquefaction Mitigation Measures for Weak Subsoil of Earthen Embankments	Indian Geotechnical Conference IGC 2022	15th – 17th December, 2022, Kochi	Google Scholar	Q4
7	Prof. Barnali Ghosh	Effects of Magnitude of Shaking & Vulnerability of Subsoil on the Extent of Liquefaction of Earthen Dam	International Conference: ICRAES	13th – 14th October, 2022	-	-
8	Prof. Barnali Ghosh	Seismic Response Study on Chang Dam	Jnana Chilume, Jain university	01/06/2022	-	-

Sl. no	Name of faculty	Book Chapter	Date of publish	Hindex	OBE
1	Dr Nagaraj Sitaram	Performance Characteristics and Economical Evaluation of Various Types of Nanomaterial Concrete	26/02/2023	Springer	Q3