**Geethanjali College of Engineering and Technology**

**Department of Civil Engineering**

**Annexure 16 – Research Publications**

**A.Y: 2020-21**

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| **S. No.** | **Faculty Name** | **Title of Paper** | **Name of the Journal** | **International/**  **National Journal with Impact Factor, ISSN/ISBN Number &DOI** |
| 1 | P. Harsha Praneeth et.al. | Visualization and quantification of aggregate and fiber in self-compacting concrete using computed tomography for wedge splitting test | Archives of Civil and Mechanical Engineering | International/ SCI,IF-3.6 doi.org/10.1007/s43452-020-00140-z.SCI,IF-3.6. |
| 2 | D. Varun Kumar | Case study on earthquake resistant structures | Solid state technology | Volume-63, Issue-5. |
| 3 | G. sampath kumar, D. Varun Kumar | Strength properties of FRC using glass fibre and polypropylene | European journal of molecular & clinical medicine | Volume 7, Issue - 9 |
| 4 | D. Ramachander | Dynamic Analysis of  soft storied structure | Solid State Technology | ISSN 0038-111x,December 2020  SCOPUS Indexed |

**A.Y: 2019-20**

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| **S. No.** | **Faculty Name** | **Title of Paper** | **Name of the Journal** | **International/**  **National Journal with Impact Factor, ISSN/ISBN Number &DOI** |
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| 1 | P. Harsha Praneeth et.al. | Visualization and quantification of aggregate and fiber in self‑compacting concrete using computed tomography for wedge splitting test | Archives of civil and mechanical engineering | DOI:10.1007/s43452-020-00140-z, SCI (IF:3.4) |
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| 2 | P. Harsha Praneeth et.al. | A comparative study on the thermal behavior of PPC and OPC cement | Materials today: proceedings | doi.org/10.1016/j.matpr.2020.05.708 Scopus |
| 3 | R. Prasanna Kumar et. al. | Behavior of pedestrians at mid-block while crossing the road and recommendation for providing exclusive pedestrian phase (Epp) at those locations. | Solid State Technology | ISSN 0038-111x, 11- 2020 Scopus |
| 4 | G. Vanisri | NDE Techniques for In-Situ Concrete Structures | IOSR Journal of Engineering | ISSN (e): 2250-3021, V(9), I (10), PP:44-48,12- 2019, UGC. |
| 5 | D.Ramachander et. al. | Integration of Materials used in Ancient Structures for present day Construction | International Journal of Advanced Science and Technology | Volume 29, No 4, (2020), ISSN 2005-4238, Pg. 280-288Scopus |
|
| 6 | G.Sampath Kumar et. al. | Strength Properties of FRC Using Glass Fibre and Polypropylene | European Journal | ISSN 2515-8260 12- 2020 SCOPUS |
| 7 | D. Varunmkumar et. al. | Comparative Study of Partial Replacement of Cement with Ceramic Powder for M30 concrete | Journal of Advanced Research in Dynamical and Control systems | V(12), SI(02), PP:209-14 ,2-2020, Scopus. |

**A.Y: 2018-19**

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| **S.No** | **Faculty Name** | **Title of Paper** | **Name of the Journal** | **International/National Journal  with Impact Factor, ISSN/ISBN  Number & DOI** |
|
| 1 | Y.Rajesh Kumar | Comparative study of base isolators and viscous fluid dampers on seismic response of Rc structures. | International journal of Civil engineering and technology | ISSN : 0976-6316, V(9), Scopus, 2019. |
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|
| 2 | Y.Rajesh Kumar | Effect of aluminum shear yielding dampers on the seismic response of RC structures | Journal of Advanced Research in Dynamical and Control Systems | ISSN 1943-023X, V(10), I(6), PP: 107-16, Scopus, 2018 |
| 3 | D.Rama chander | Seismic Response of Indian Designed Five Storey Structure with World Earthquake Ground Motions | Journal of Advanced Research in Dynamical and Control Systems | ISSN 1943-023X, V(10), I(6), PP: 107-16, Scopus, 2018 |
| 5 | D.Kishorebabu, | Damage assessment curves for RC framed structures under seismic loads | International journal of Civil engineering and technology | ISSN 0976-6316, V(9), I(6), PP:1769-82, Scopus, 2018 |
| 6 | D.Varun Kumar | Study And Development of Various Concrete Structures with Various Mixtures GGBS, Fly Ash and other Component Mixtures. | International journal of Civil engineering and technology | ISSN 1943-023X, V(10), I(13), PP-2072-77, Scopus, 2018. |
| 7 | Y.Rajesh Kumar | Comparison of Response Spectrum time history analysis and matched time history method in zone 5 and zone 4 earthquake zones of Multistoried building as per IS 1893-2016 | International Journal of Recent Technology and Engineering | ISSN 2277-3878, V(7), I(6), PP:2072-2077, Scopus, 2019. |
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| 8 | D.Rama chander | Stabilization of Structures in seismic areas subjected to different ground motions | International Journal of Recent Technology and Engineering | ISSN 2277-3878, V(7), I(6S5), PP:2023-2029, Scopus, 2019. |
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**A.Y: 2017-18**

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| **S.No** | **Faculty Name** | **Title of Paper** | **Name of the Journal** | **International/National Journal with Impact Factor, ISSN/ISBN Number & DOI** |
|
| 1. | Y. Rajesh Kumar | Effect of shear wall area to floor area ratio on seismic response of reinforced concrete structures | International Journal of  Civil Engineering & Technology | ISSN 0976-6316, V(9), I(4), PP:844-852,  SCOPUS , 07-2018 |
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| 2. | G. Raju & R. Ashwini | Study on soil stabilized low volume roads by using coir fibre reinforced with cement. | International Journal of  Engineering Science Invention | ISSN 2319-6734, V(7), I(3),  PP:46-54, UGC, 03-2018 |
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| 3. | D. Rama chander | Strength development of concrete by replacing cement with GGBS | International journal of  creative research thoughts | ISSN -2320-2882, PP: 32-36,  UGC, 12-2017 |
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| 4. | P. Neeraja& Y. Rajesh Kumar | Site Suitability analysis for location of sewage treatment plant | International Journal for Research in  Applied Science and Engineering Technology | ISSN 2321-9653, V(5), I(12),  PP: 1185-1195, UGC, 12-2017 |
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| 5. | J. Sreenivas Prasad | Strengthening of concrete using different fibers | International journal of  creative research thoughts | ISSN 2320-2882, PP:21-25,  UGC, 12-2017 |
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| 6. | P. Srikanth Reddy | Performance of concrete using coconut shell | International journal of  creative research thoughts | ISSN 2320-2882, PP-2072-77,  UGC, 12-2017 |
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| 7. | P. Supriya & D. Ramachander | Ground Granulated Blast Slag in Concrete | International Journal of Research | ISSN 2348-6848, V(4), I(14),  PP-2218-28, UGC,11-2017 |
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| 8. | V. Goutham | Application of GIS and Remote Sensing in Transportation Engineering | International Journal of Science and  Advance in Technology | ISSN 2395-1052, V(3), I(10),  PP:365-75,10-2017 |
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| 9. | Y. Rajesh Kumar | Seismic performance of reinforced concrete structures using shear wall | International Journal of Research | ISSN 2348-6848, V(5), I(7),  PP:1829-1838, UGC, 3-2018 |
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| 10. | G.Hema latha | Seismic performance of RC building with Jacketing on Beam Column Joints | Anveshana’s International Journal of Research in Engineering and Applied sciences | ISSN 2455-6300, V(2), I(10),  PP:235-240, UGC, 02-2017 |
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**A.Y: 2016-17**

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| **S.No** | **Faculty Name** | **Title of Paper** | **Name of the Journal** | **International/National Journal with Impact Factor, ISSN/ISBN Number & DOI** |
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| 1. | Ms.P.Supriya,Asst. Prof Mr.D.Ramachander, Asst. Prof and Mr.G.Raju, Asst. Prof | “Replacement of river silica or sand with rock dust at higher grades | IJTIMES journal of science and Technology, International Journal of  Civil Engineering & Technology | volume 2,issue No:12 December 2016 issue. |
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| 2. | Mr.G.Nithin Kumar ReddyAsst. Prof | Partial Replacement of sugarcane bagasse ash in concrete and its behavior in aggressive environments | IOSR JMC | ISSN No:2278/1684 pg No:29-35 ,December 2016 issue |
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| 3. | Mr.D.RamachanderAsst. Prof Mr.B.Kowshik Reddy ,Asst. Prof Mr.Sreenivas Prasad and Mr.V.Goutham, Asst. Prof | Seismic Disaster Mitigation | IJTIMES | ISSN:02455-2584, volume 2,issue No:8,August 2016 issue. |
| 4. | Mr.D.Ramchander Asst. Prof | A Study on no cement concrete | IJCEIR | ISSN:02455-5868,Vol-5,Issue-7,Pg:6188-6195 |
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