

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY, HYDERABAD

Department of Civil Engineering

3.4.4 Number of books and chapters in edited volumes/books published per teacher during the last five years (5)

3.4.4.1: Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during last five years

| Sl. No. | Name of the teacher | Title of the book/chapters published | Title of the paper | Title of the proceedings of the conference | Year of publication | ISBN/ISSN number of the proceeding | Whether at the time of publication Affiliating Institution Was same Yes/NO | Name of the publisher | Academic Year (Descending Order) |
|---------|-----------------------|--|---|--|---------------------|------------------------------------|--|--------------------------------|----------------------------------|
| 1 | M.V.Krishna Rao | Lecture Notes in Civil Engineering | Workers Safety at Indian Construction Sites—A Survey | - | 2022 | ISBN: 978-981-19-0188-1 | Yes | Springer | 2021-22 |
| 2 | Ramnarayan Sankrithi | | Evaluation of water quality index at Gandipet lake surroundings | 1st International Conference on Sustainable Approach for Resilient Infrastructure 2021 (IC SAFRI), CBIT, Hyd | 2022 | E-ISBN: 978-1-956102-94-9 | Yes | Selfypage Developers Pvt. Ltd. | 2021-22 |
| 3 | K Jagannadha Rao | Sustainable Engineering | Sustainable Engineering | | 2021 | ISBN-978-93-5014-714-6 | Yes | S.K. Kataria & Sons | 2021-22 |
| 4 | Dr. P Yugendar | Recent Advancements in Civil Engineering. Lecture Notes in Civil Engineering | Macroscopic analysis of traffic flow behavior on multi-lane highways under heterogeneous traffic conditions | International Conference on Advances in Civil Engineering, VNIT Nagpur | 2021 | ISBN: 978-981-16-4395-8 | Yes | Springer | 2021-22 |
| 5 | N. R. Dakshina murthy | Lecture Notes in Civil Engineering | Stress–Strain Behaviour of Self-consolidated Processed Recycled Aggregate Concrete. | | 2021 | ISBN- 978-981-33-6389-2 | Yes | Springer | 2020-21 |

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| 6 | N. R. Dakshina murthy | Lecture Notes in Civil Engineering | Studies on Infiltration Rate of Pervious Concrete. (Recent Advances in Structural Engineering) | | 2021 | ISBN- 978-981-33-6389-2 | Yes | Springer | 2020-21 |
| 7 | Dr. K Jagannadha Rao | | Evaluation of shear strength design equations for slender and non slender RC beams admixed with recycled concrete aggregate without web reinforcement | 2nd International Conference on Mathematical Techniques and Applications-2021, SRMIST, Chennai | 2021 | | Yes | - | 2020-21 |
| 8 | Sri R Swamiranga Reddy | | An Experimental study on durability of pervious concrete | 3rd International Conference on "Advances in Civil Engineering(ICACE-2021) KLUUniversity Guntur. A.P | 2021 | ISBN: 978-981-16-8666-5 | Yes | Springer | 2020-21 |
| 9 | Dr. M.V. Krishna Rao | | Identification of Critical Construction Delay Factors: An Indian Perception (Paper ID:53) | 3rd International Conference on Advances in Civil Engineering (ICACE 2021) | 2021 | ISSN 1757-899X (Online) | Yes | | 2020-21 |
| 10 | Dr. K. Jagannadha Rao | Recycled Aggregates: Materials and Uses | Performance of different grades of Self Compacting Concrete (SCC) with Recycled Concrete Aggregates (RCA) | | 2021 | ISBN: 9781536195545 | Yes | Nova Science Publishers Inc, New York. | 2020-21 |

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| 11 | Dr K. Jagannadha Rao | | An experimental investigation of self compacting concrete containing recycled concrete aggregates | International Conference on Construction Materials and Smart Structures for Sustainable Development 2020 | 2020 | ISSN: 2366-2557 | Yes | | 2020-21 |
| 12 | M.V.Krishna Rao | Lecture Notes in Civil Engineering | Performance Characteristics of Self-cured Recycled Aggregate Concrete with SCM's | National Conference on Structural Engineering and Construction Management | 2020 | ISBN: 978-3-030-55114-8 | Yes | Springer | 2020-21 |
| 13 | Dr. K. Jagannadha Rao | Advances in Structural Engineering | Mathematical Model for Prediction of Compressive Strength of Normal, Standard and High Strength SCC with RCA | | 2020 | ISSN: 2366-2557 | Yes | Springer | 2019-20 |
| 14 | Dr K. Jagannadha Rao | | An Analytical Approach on Effective Selection of Sustainable Materials in Construction Industry by Environmental Managment Systems (EMS) & Green Supply Chain Management | 9th IconSWM-CE (9th International Conference on Sustainable Waste Management towards Circular Economy) | 2019 | | Yes | - | 2019-20 |

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| 15 | Dr K. Jagannadha Rao | | Use of recycled concrete aggregate in self compacting concrete: A need for sustainable development | International Conference on "Advanced Trends in Mechanical and Aerospace Engineering" | 2019 | ISBN: 978-0-7354-4059-3 | Yes | | 2019-20 |
| 16 | K Jagannadha Rao | Structural Dynamics & Earthquake Engineering | Structural Dynamics & Earthquake Engineering | Srinavas Vasam, K. Jagannadha Rao | 2019 | ISBN-978-93-5014-654-5. | Yes | S.K. Kataria & Sons | 2019-20 |
| 17 | Dr M Koti Reddy | | Flexural and Shear behavior of high strength pond ash concrete | National Conference on Recent advancement in civil engineering 2K19 | 2019 | ISBN: 978-93-5346-032-7 | Yes | | 2018-19 |
| 18 | Dr K Praveen | | Behaviour of Recycled Aggregate based Steel Fiber Reinforced Self-Compacting Concrete Under Shear | National Conference on Advances in Sustainable Construction Materials (ASCM-19) | 2019 | ISBN 978-981-15-3361-7 | Yes | | 2018-19 |
| 19 | Dr. N. R. Dakshina Murthy | | Basic studies on SCC using recycled aggregate | International Conference On Advances in Concrete, Structural & Geotechnical Engineering | 2018 | | Yes | - | 2017-18 |
| 20 | Dr. M. Koti Reddy | | Seismic Response Study of Multi-storied Reinforced Concrete Building with Fluid Viscous Dampers | National Conference On Innovations in Civil Engineering through Sustainable Technologies | 2018 | | Yes | - | 2017-18 |

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| 21 | Sri. T Vasudeva Rao | | Study on Mechanical Properties of Recycled Coarse Aggregate Concrete with Stone Dust | National Conference On Innovations in Civil Engineering through Sustainable Technologies (NICEST-18) | 2018 | | Yes | - | 2017-18 |
| 22 | Sri. P. Srinivas Reddy | | Seismic Response Study of Multi-storied Reinforced Concrete Building with Fluid Viscous Dampers | National Conference On Innovations in Civil Engineering through Sustainable Technologies | 2018 | | Yes | - | 2017-18 |
| 23 | Dr. K. Jagannadha Rao | | Studies on strength characteristics of Self-curing concrete | Two Day National Conference on Recent Innovations in Civil Engineering | 2017 | ISBN: 978-93-5279-269-6 | Yes | | 2017-18 |
| 24 | Dr. K. Jagannadha Rao | | Effect of Recycled Aggregate on Fresh and Hardened State Properties of Self-Compacting Concrete | Two Day National Conference on Recent Innovations in Civil Engineering | 2017 | ISBN: 978-93-5279-269-6 | Yes | | 2017-18 |
| 25 | Sri. A Balaji Rao | | Effect of plan shape on the wind pressures on buildings: A CFD Approach | 2 nd International Conference on Innovations in Structural Engineering (IC-ISE 2017) | 2017 | ISSN 2250 – 2459 | Yes | | 2017-18 |