



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)

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## Department of Civil Engineering

### List of Book Chapters and Conferences

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	Name of the publisher	Academic Year (Descending Order)
1	Jnana Ranjan Khuntia	River Dynamics and Flood Hazards	Estimation of Shear Force Distribution in Two-Stage Open Channel Using SVM and ANFIS	-	2022	Springer	2022-23
2	K. Jagannadha Rao	AIP Conference Proceedings	Evaluation of the 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	2022	AIP Publishing	2022-23
3	M.V.Krishna Rao	Lecture Notes in Civil Engineering	Workers Safety at Indian Construction Sites—A Survey	-	2022	Springer	2021-22
4	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	Selfypage Developers Pvt. Ltd.	2021-22
5	K Jagannadha Rao	Sustainable Engineering	Sustainable Engineering		2021	S.K. Kataria & Sons	2021-22

6	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	Springer	2021-22
7	N. R. Dakshina murthy	Lecture Notes in Civil Engineering	Stress–Strain Behaviour of Self-consolidated Processed Recycled Aggregate Concrete.	-	2021	Springer	2020-21
8	N. R. Dakshina murthy	Lecture Notes in Civil Engineering	Studies on Infiltration Rate of Pervious Concrete. (Recent Advances in Structural Engineering)	-	2021	Springer	2020-21
9	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	-	2020-21
10	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	Springer	2020-21
11	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	-	2020-21
12	Dr. K. Jagannadha Rao	Recycled Aggregates: Materials and Uses	Performance of different grades of Self Compacting Concrete (SCC) with Recycled Concrete Aggregates (RCA)	-	2021	Nova Science Publishers Inc, New York.	2020-21

13	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	-	2020-21
14	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	Springer	2020-21
15	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	Springer	2019-20
16	Dr K. Jagannadha Rao		An Analytical Approach on Effective Selection of Sustainable Materials in Construction Industry by Environmental Management Systems (EMS) & Green Supply Chain Management	9th IconSWM-CE (9th International Conference on Sustainable Waste Management towards Circular Economy)	2019	-	2019-20
17	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	-	2019-20
18	K Jagannadha Rao	Structural Dynamics & Earthquake Engineering	Structural Dynamics & Earthquake Engineering	Srinavas Vasam, K. Jagannadha Rao	2019	S.K. Kataria & Sons	2019-20
19	Dr M Koti Reddy		Flexural and Shear behavior of high strength pond ash concrete	National Conference on Recent advancement in civil engineering 2K19	2019	-	2018-19

20	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	-	2018-19
21	Dr. N. R. Dakshina Murthy		Basic studies on SCC using recycled aggregate	International Conference On Advances in Concrete, Structural & Geotechnical Engineering	2018	-	2017-18
22	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	-	2017-18
23	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	-	2017-18
24	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	-	2017-18
25	Dr. K. Jagannadha Rao		Studies on strength characteristics of Self-curing concrete	Two Day National Conference on Recent Innovations in Civil Engineering	2017	-	2017-18
26	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	-	2017-18
27	Sri. A Balaji Rao		Effect of plan shape on the wind pressures on buildings: A CFD Approach	2 <sup>nd</sup> International Conference on Innovations in Structural Engineering (IC-ISE 2017)	2017	-	2017-18