



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY
[Autonomous]
Department of Civil Engineering
List of Book Chapters in AY 2023-24

Academic Year	Number of Book Chapters
2023-24	5

1. Mrs. K.Hemalatha

BOOK CHAPTERS:

1. Naveen M, Hemalatha K, Srinivasa Reddy V, “Evaluation of Ductility of Hybrid Reinforced Concrete Beams Made with Glass Fiber-Reinforced Polymer Rebar” Lecture Notes in Civil Engineering, International Conference on Recent Advances in Civil Engineering RACE 2022, Online ISBN 978-981-99-2676-3, vol 352. Springer https://doi.org/10.1007/978-981-99-2676-3_51
2. Mohammed Yasir Hussain, K. Hemalatha & V. Srinivasa Reddy, “Evaluation of Flexure Performance of Beam Hybridized with PVA Fiber and GFRP Bars” Lecture Notes in Civil Engineering, International Conference on Recent Advances in Civil Engineering RACE 2022, Online ISBN 978-981-99-2676-3, vol 352. https://doi.org/10.1007/978-981-99-2676-3_53
3. Kotte Sai Krishna, K. Hemalatha & V. Srinivasa Reddy, “Flexure Behavior of Hybrid-Reinforced Concrete Beams Consisting of PVA Fibers and GFRP Bars” Lecture Notes in Civil Engineering, International Conference on Recent Advances in

2. Mr. C Vivek Kumar

BOOK CHAPTERS:

4. Aleti Ganesh, C. Vivek Kumar, G. V. V. Satyanarayana & Joga Himavarsha “Effect of Incremental Loading with Construction Sequence Analysis of an RCC Floating Column Building Located in High Seismic Prone Areas” Lecture Notes in Civil Engineering, International Conference on Recent Advances in Civil Engineering RACE 2022, Online ISBN 978-981-99-2676-3, vol 352. https://doi.org/10.1007/978-981-99-2676-3_42

3. Mr. A Prakash

BOOK CHAPTERS:

5. Khanapuram Anand Goud, Ch. Balakrishna, Akula Prakash & Sai Krishna Munipally “Assessing the Feasibility of Using Waste Plastic as a Partial Replacement for Fine Aggregate in Cement Tile Production: An Experimental Study” Lecture Notes in Civil Engineering, Springer Nature, Recent Advances in Building Materials and Technologies. IACESD 2023, ISSN 2366-2565 ISBN 978-981-99-9458-8, Vol 456 https://doi.org/10.1007/978-981-99-9458-8_16



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List of Book Chapters in AY 2022-23

Academic Year	Number of Book Chapters
2022-23	1

1. Mr. C Vivek Kumar

BOOK CHAPTERS:

1. Aleti Ganesh, C. Vivek Kumar, G. V. V. Satyanarayana & Joga Himavarsha “Effect of Incremental Loading with Construction Sequence Analysis of an RCC Floating Column Building Located in High Seismic Prone Areas” Lecture Notes in Civil Engineering, International Conference on Recent Advances in Civil Engineering RACE 2022, Online ISBN 978-981-99-2676-3, vol 352. https://doi.org/10.1007/978-981-99-2676-3_42

Faculty	Title	Category	Year of publication	Details	Publisher	Type
Dr. V Srinivasa Reddy	Fly Ash based Bacterial Concrete,	International	2021-22	ISBN: 978-620-20111-6	LAP Lambert Academic Publishing	Book
Dr. V Srinivasa Reddy	Binary, Ternary and Quaternary Blended Self-Compacting Concrete: Granulated Blast Furnace Slag (GBFS) as partial fine aggregate replacement	International	2021-22	ISBN: 978-62-0474-471-1	LAP Lambert Academic Publishing	Book
Dr. V. Srinivasa Reddy & Dr V Mallikarjuna Reddy	Proceedings of International Conference on 'Civil Engineering Aspects For Sustainability (Iconces 2020)'	International	2020-2021	ISBN: 978-93-89947-04-5	Excel India Publishers, India	Book
Dr. V. Srinivasa Reddy & Dr V Mallikarjuna Reddy	Proceedings of National Conference on 'Recent Innovations In Civil Engineering Materials'	National	2019-2020	ISBN: 978-93-5361-946-6	Guru Calixto Publications, India	Book
Dr. C Lavanya	Assessment Practices in Outcome-Based Education: Evaluation Drives Education	International	2019-20	DOI: 10.4018/978-1-7998-2245-5.ch004	IGI-GLOBAL	Chapter
Dr. C Lavanya	Ethics in Engineering Profession: Pedagogy and Practices	International	2019-20	DOI: 10.4018/978-1-7998-2245-5.ch014	IGI-GLOBAL	Chapter
Dr. V. Srinivasa Reddy	Reactive Powder Concrete: Properties And Applications	National	2019-20	ISBN: 978-93-5335-311-7	"Advances in Civil Engineering (Volume - 2)", AkiNik Publications, New Delhi, India. PP.1-26	Chapter
Dr. V Srinivasa Reddy	Special concretes for sustainable construction Chapter No. 08 in book titled "Engineering and Technology: Latest Progress"	National	2017-18	ISBN: 978-93-80233-03-1	published by Meta Research Press (MRP), New Delhi, India (2017),pp. 341-369.	Chapter
Dr. V. Srinivasa Reddy & Dr V Mallikarjuna Reddy	Proceedings of National Conference on 'Recent Innovations In Civil Engineering'	National	2017-18	ISBN: 978-93-5279-269-6	Guru Calixto Publications, India	Book
Dr. V Srinivasa Reddy	Bacterial Concrete - A Sustainable Self-Healing bio Construction Material" Chapter No. 13 in book titled "Engineering and Technology: Recent Innovations and Research"	National	2016-17	ISBN:978-93-86138-06-4	International Research Publication House (IRPH0, New Delhi, India (2016), pp.241-266	Chapter
Dr.GVV Satyanarayana	Mechanics of solids	NA	2014-15	1205026	Durga Publications, Hyderabad	Book