



# ABR COLLEGE OF ENGINEERING & TECHNOLOGY

Affiliated to JNTU-Kakinada, Approved by AICTE, New Delhi

ISO 9001-2000certified institution

ABR Nagar, Kandukur Road, CHINA IRLAPADU (V), Kanigiri (M)

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<b>Criterion</b>	<b>III</b>	<b>Research, Innovations &amp; Research</b>
<b>Key Indicator</b>	3.3	Research Publication and Awards
<b>Metric</b>	3.3.1	Number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Total number of research papers published per teacher in the Journals as notified on UGC CARE list during the last five years

Year	2022	2021	2020	2019	2018
Number of Publications	1	1	3	0	5

### List of research papers in the Journals notified on UGC website

S.No.	Title of the Paper	Name of the Author / s	Department of the Teacher	Name of the Journal	Year of the Publication
1	Influence on Mechanical Properties of concrete of Cement Replacement with fly ash and river sand replacement with foundry sand	Meeravali Korumonchi, Ramamohana Reddy Bellum, Mahesh Chennupati, Veerabrahmam Kunchala, Madhu Regulagunta	Civil Department		2022
	Experimental Assessment of Geotechnical Properties of Nano-Clay-Stabilized Soils: Advanced Sustainable Geotechnical Solution	Mahmoud Al Khazale · Meeravali Karumanchi · Ramamohana Reddy Bellum · Anandha Kumar Subramani	Civil Department	International Journal of Geosynthetics and Ground Engineering	2022
2	ANALYSIS OF BLAST INDUCED GROUND VIBRATION UNDER VARYING	Shaik Sajjarvali	Mining Department	The International journal of analytical and experimental modal analysis	2021



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	CONTROLLED AND UNCONTROLLED BLAST PARAMETERS				
3	Tipping bucket rain gauge with GPRS data logger DL-2016: Specifications, installation, and analysis	Karumanchi Meeravali, Avula Gopikrishna , Shaik Nayab Rasool , Shaik Abdul Eliyas	Civil Department	Materials Today: Proceedings	2020
4	Physico-chemical Analysis of Bore Well samples for Drinking Water Quality	Karumanchi Meeravali, Avula Gopikrishna , Mallela Jyothi Reddy, Shaik Abdul Eliyas and Darla Indira Priyadarshini	Civil Department	Indian Journal of Ecology	2020
5	Improvement of consistency limits, specific gravities, and permeability characteristics of soft soil with nanomaterial: Nanoclay	Meeravali Karumanchi, Gopikrishna Avula, Ravibabu Pangi, Sivareddy Sirigiri	Civil Department	Materials Today: Proceedings	2020
6	PERMEABILITY AND SHEAR STRENGTH CHARACTERISTICS OF ROBOSAND TREATED SOFT-CLAY	Karumanchi Meeravali, Majji Adinarayana, Nune Ravikumar, Y Malasree ,Kotte Bhagyasri	Civil Department	Journal of Emerging Technologies and Innovative Research (JETIR)	2018
7	DESIGN OF HIGH STRENGTH CONCRETE-M100 BY USING SILICA FUME AND SUPER PLASTICIZERS	Karumanchi Meeravali, Avula Gopikrishna, Regulagunta Madhu, Vipparla Veera Brahmachari	Civil Department	Pramana Research Journal	2018
8	DESIGN OF RIGID PAVEMENTS WITH M25 GRADE OF CONCRETE AND MIXING WITH FLY ASH AT ABR CET	Karumanchi Meeravali, Vennapusa Srinu, Marella Srinivasa Reddy, Jammulamudi Ashok	Civil Department	Journal of Emerging Technologies and Innovative Research	2018
9	SPECIFICATIONS, INSTALLATION AND ANALYSIS OF TIPPING BUCKET	Karumanchi Meeravali, kristipati Balavenkatanarasimha Chari	Civil Department	Journal of Emerging Technologies and Innovative Research (JETIR)	2018



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RAINGAUGE WITH GPRS DATA LOGGER DL-2016				
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