



SESHADRI RAO GUDLAVALLERU ENGINEERING COLLEGE

(An Autonomous Institute with Permanent Affiliation to JNTUK, Kakinada)

Seshadri Rao Knowledge Village, GUDLAVALLERU-521 356, Krishna District, A.P., India

(Approved by AICTE, New Delhi and Permitted by A.P. State Government)

Accredited by NAAC

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3.1.2: List of full-time teachers received seed money for research for the Academic Year 2022-23

SNO	Name of the Faculty	Name of the Program	Title of the Project	Duration	Amount Sanctioned in Lakhs
1	Dr. AHL Swaroop Mr. S. Arun chaitanya Dr. P. Kodanda Rama Rao	CIVIL	An Experimental Investigations and Analysis on Partial Replacement of Cement with Bio-Medical Waste Ash in concrete – A step towards environmental sustainability	1 Year	0.60
2	Dr. A. Sreenivasulu Mr. B. Rama Krishna	CIVIL	An Experimental Study on the Performance of carbon fiber concrete	1 Year	0.32
3	Dr. B. Dasu	EEE	Design of Power Train for E-Vehicle with Efficient Battery Management	2 Years	1.00
4	G. V Jagadeesh K Ch Kishore Kumar Dr. P. Ravindra Babu	ME	Electrochemical and tri-biological behavior of ball burnished Mg alloy	1 Year	0.30
5	K Ch Kishore Kumar Dr. P Ravindra Babu Dr. A Jawahar Babu	ME	Optimization of Tri-biological Parameters of Mg alloy reinforced with SiC and B ₄ C Hybrid Metal Matrix Composite fabricated through Stir Casting	1 Year	0.35
6	Mr. BVS Raghu Vamsi Dr. MRCh Sastry	ME	Impact of Nozzle Geometry on Heat Transfer in Multiple Jet Impingement on heated surface	1 Year	0.35
7	Dr. Ch Balaswamy Mr. V MuraliKrishna Ms. K Sowjanya	ECE	Design of Electronic Smart Safety Helmet for Virus Protection	1 Year	0.30
8	Dr. S Ravi	ECE	Cattle Tracking and sound Classification to Monitor and diagnose its health conditions	1 Year	0.26
9	Dr. V.V.K.D.V Prasad B. Nagasirisha	ECE	Electromyogram Signal Acquisition and Processing for Muscle Movement Analysis	1 Year	0.27
10	Ms. P Ramya	ECE	Blockchain based vehicle rental system	1 Year	0.11

11	Dr. T. Srinivasa Rao Dr. M. Babu Rao	CSE	Smart Security Surveillance system using IOT	1 Year	0.18
12	Dr. Y. Adilakshmi Dr. Sk. Salma Begum	CSE	IoT Based virtual doctor Robot	1 Year	0.28
13	Dr. D N V S L S Indira Dr. Ch Suresh Babu Mr. B Srinivasu kumar	IT	Kisankraft Paddy weeder - An AI based Robot for Weed Removal	2 Years	0.92
14	Dr. B. RB Jaswanth Dr. Y Syamala	IOT	Internet of Things - Drone Technology	1 Year	0.35
15	Mr. P. Rama Krishna Dr. Y Syamala	IOT	Smart Agriculture monitoring system LoRAWAN and Internet of things	1 Year	0.14
				Total	5.73



IQAC



Principal
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