



# CMR College of Engineering & Technology

(UGC Autonomous)

## DETAILS OF FUNDED RESEARCH PROJECTS

### A. Research Grants Received from Various Funding Agencies

Sl. No.	Name of the Principal Investigator& Co PI	Funding Agency	Title of the Research Project	File No.	Amount Sanctioned	Status
1.	Chowhan Pavitra	MSME 3.0	Smart School Bus Tracking System	File No. : 17(2)/MSME/Innovative/PMA C/2021-22	20Lakhs	Ongoing
2	Nukala Sai Sruthi ,	MSME 3.0	Arduino Based Pothole Filler	File No. : 17(2)/MSME/Innovative/PMA C/2021-22	9 Lakhs	Ongoing
3	Y. Swathi	MSME 3.0	Anti Sleep Alarms Preventing Accidents	File No. : 17(2)/MSME/Innovative/PMA C/2021-22	20 Lakhs	Ongoing
4	Anuhya Anne	MSME 3.0	Bio-Battery	File No. : 17(2)/MSME/Innovative/PMA C/2021-22	15 Lakhs	Ongoing
5	Dr. Suresh Merugu, Mr. B. Suresh Ram	SEED-DST	Establishment of “Community Resilience Resource Centre” (CRRC)	DST/SEED/CRRC/2022/2022/90	145.60 Lakhs	Ongoing
6	Dr. Venkata Rama Krishna Reddy Chalam (Entrepreneur)	MSME 2.0	“Internet of Water”	F.NO. 6(19)/SanctiontoCNA/Incubation/2022-23	15 Lakhs	Ongoing
7	Dr. Suresh Merugu	MSME 1.0	“SHAAR Campus Mobility Vehicle”	F.NO. 6(19)/ Sanction to CAN/Incubation/2022-23	14.810 Lakhs	Ongoing
8	Dr. Suresh Merugu, HODs& CEER Team	SEED-DST	Science Technology and Innovation Hub for Development of Scheduled Tribe in Medchal-Malkajgiri District of Telangana State	DST/SEED/TSP/STI/2019/94 Dated:08 <sup>th</sup> Nov2019	298 Lakhs	Completed
9	Dr. Suresh Merugu &Dr. K.VijayaKumar	SEED-DST	Localization and Mapping Portable Assistive System for Visually Impaired	SEED/TIDE/2018/55 Dated:15 <sup>th</sup> Feb 2019	53.83Lakhs	Completed



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10	Ms Vidyulatha & Soma Mukhopadhyay	DST-WOS-A	Spintronics in Graphene	SR/WOS-A/PM-92/2017 Dated:20 <sup>th</sup> Aug2018	18.58Lakhs	Completed
11	Dr. V RRamaraju & Dr. V. A. Narayana	DST - CSRI	The study of Neuro medical diagnostics of cognitive impairment in case of Parkinson disease using real – time multi-channel micro electrode neural recording system	SR/CSRI/201/2016 Dated:1 <sup>st</sup> Feb2018	35.23Lakhs	Completed
12	Dr. M. Sudhakar	DSTF IST	DST FIST-2016 DeptofECE	SR/FST/College-303/2016,Dated:29 <sup>th</sup> January2018	30 Lakhs	Completed
13	Dr. M Venkateswarlu	UGC	Environmental Degradation Due To Limestone Mining on Groundwater and Mine Water Discharges in Parts of Palnad Basin, Nalgonda District, A. P.	Salary & Research Grant30-45/2015(SA-II) Dated:19 <sup>th</sup> Feb 2016	09 Lakhs	Completed
14	Dr V Rama Raju	SERB	20th International Congress of Parkinson's Disease and Movement Disorders	SERB/F/411/2017-18 Dated 05/05/2017	0.64 Lakh	Completed
15	Dr V Rama Raju	Kuwait	Kuwait school for Young Neurologists	Kuwait	\$750@72= 0.54 Lakh	Completed
<b>Total (A)</b>					<b>685.23 Lakhs</b>	



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## B. ICPS-Seminar Grant, DST & UGC Travel Grants

Sl. No.	Name of the Principal Investigator & CoPI	Funding Agency	Title of the Research Project	File No.	Amount Sanctioned	Status
1	Dr. M. Nagaraju Naik	ICPS DST	Trainingprogrammes:In-houseShorttermtraining/FDPPProgrammesf orFaculty/UG/PG/Doctoral Students of two weeks duration	DST/ICPS/Training/ST/2019-AI (TPNNo.26705/PI File.No. DST/ICPS/SCST/2019/348) Dated: 31/03/2019	09.00 Lakhs	Completed
2	Mr. Venkateshwarlu Naik	ICPS DST	Trainingprogrammes:In-houseShorttermtraining/FDPPProgrammesf orFaculty/UG/PG/Doctoral Students of two weeks duration	DST/ICPS/Training/ST/2019-Sensor Network(TPNNo.2 6662/PI File.No. DST/ICPS/SCST/2019/121) Dated: 30/03/2019	09.00 Lakhs	Completed
3	Dr.V R Ramaraju	Travel Grant	UGC Travel Grant	6-56/2018(TG) Dated: 07 <sup>th</sup> May2018	0.48Lakhs	Completed
4	Dr. P Uma Maheshwar Reddy	Travel Grant	UGC Travel Grant	6-484/2015(TG)Dated:15 <sup>th</sup> June 2016 & Revised Dated:26 <sup>th</sup> Sep 2018	0.33Lakhs	Completed
<b>Total(B)</b>					<b>18.81Lakhs</b>	



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## C. AICTE AQIS Schemes

Sl. No.	Name of the Principal Investigator & Co PI	Funding Agency	Title of the Research Project	File No.	Amount Sanctioned	Status
1	Dr. S. Muthubalaji	AICTE	GOC-Grant for Organizing Conference Department of EEE	67-37/IDC/GOC/Policy-5/2019-20Dated-24-06-2020	01.66 Lakhs	Completed
2	Dr. Sudhakar Meka	AICTE	GOC-Grant for Organizing Conference Department of ECE	67-64/RIFD/GOC/Policy-1/2018-19Dated-01-06-2020	05.00Lakhs	Completed
3	Dr. P. Ravi Kumar	AICTE	Short Term Training Programme Department of ME	34-65/216/RIFD/STTP/POLICY-1/2018-19	04.00 Lakhs	Completed
4	Dr. Mussini Venkateswarlu	AICTE	Short Term Training Programme Department of CE	34-65/217/RIFD/STTP/POLICY-1/2018-19	04.00 Lakhs	Completed
5	Dr. D.Vijay Kumar	AICTE	GOC-Grant for Organizing Conference Department of ECE	67-64/RIFD/GOC/Policy-1/2018-19Dated-04-06-2019	05.00 Lakhs	Completed
6	Dr. K. Vijaya Kumar	AICTE	GOC-Grant for Organizing Conference Department of CSE	67-69/RIFD/GOC/Policy-1/2017-18Dated-22-04-2019	05.00 Lakhs	Completed



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7	Dr.KLS Sowjanya	AICTE	FDP-Faculty Development Programme Department of CSE	34- 55/128/RIFD/FDP/POLICY- 1/2017-18	04.15 Lakhs	Completed
8	Dr.Merugu Suresh	AICTE	Short Term Training Programme Department of ECE	34- 56/148/RIFD/STTP/POLICY -1/2017-18	04.32 Lakhs	Completed
<b>Total( C)</b>					<b>33.13 Lakhs</b>	



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## D.TEQIP-III, Collaborative Research-JNTU Hyderabad

Sl. No.	Name of the Principal Investigator & Co PI	Funding Agency	Title of the Research Project	File No.	Amount Sanctioned	Status
1	Dr P Ravi Kumar	TEQIPJ NTUH	AffectofFlankWearonSurfaceRoughnessinTurnin gofNickelA286Alloy	JNTUH/TEQUIP-III/CRS/2019/MECH/07	3.00Lakhs	Completed
2	Dr G Suryanarayana	TEQIPJ NTUH	A Query Based Mining Approach on Public Open Data Repository for Knowledge Extraction	JNTUH/TEQIP-III/CRS/2019/CSE/09	2.99Lakhs	Completed
3	DrK Suresh	TEQIPJ NTUH	Geotechnical and Chemical Characterization of Coal Mine Wastelandits Efficacy in Pavement/Fill Construction on Clay Subgrade	JNTUH/TEQUIP-III/CRS/2019/Civil/01	3.00Lakhs	Completed
4	Dr M Chandra Shekar Reddy	TEQIP-IIIJNTUH	Study of Nano Size Filler Effect on Polymer	JNTYUH/TEQIP-III/CRS/2019/Physics/02	2.50Lakhs	Completed
5	Dr Karuna BNR	TEQIP-IIIJNTUH	Dynamics of Time Delayed SIR and SIR SEpidemic Models	JNTYUH/TEQIP-III/CRS/2019/Maths/02	2.00Lakhs	Completed
Total(D)					13.49 Lakhs	
Grand Total(A+B+C+D)					750.66Lakhs	