

Details of Projects at University College of Engineering (Autonomous), Osmania University,Hyderabad-07. As on 25-11-2021

Sl.No.	Dept.	Name of the faculty	Project Title	Funding Agency	Starting Date	Duration of the project	Total amount sanctioned (Rs.)	Ongoing/ Completed
1	BME	Prof.M.Malini	Wireless data acquisition system for vital sign monitoring	UGC-SERO Minor Research Project	30/06/2017	2 years	264000	Completed
2	BME	Dr.D.Suman	Design and Development of A Fuzzy expert system for the Mitigation of drawsy driving of the heavy vehicles.	UGC-SERO Minor Research Project	30/06/2017	2 years	500000	ongoing
3	CED	Dr. Harish Gupta	SWAYAM MOOCs on Water Resources and Watershed Management	UGC-MOOCs	01/04/2020	2 years	1350000	ongoing
4	CED	Prof. M.Kumar	A study on curved speed humps (CHS) and its Evaluation of Environment Impacts for Indian conditions SERB-DST Project(Civil) Transportation.	SERB-DST	13/11/2019	3 years	3823360	ongoing
5	CED	Prof.M.Gopal Naik	Development of sustainable urban drainage system considering the climate change and urbanization Impacts.	SERB-DST	22/05/2019	3 years	4013500	ongoing
6	CED	Prof.M.Gopal Naik & Dr. Harish Gupta	Planning and development of climate resilient water sensitive urban designs. A case study of Hyderabad Metropolitan City.	MHRD-SPARC (Internatioanl collabratiion with TEXAS A&M University, USA)	14/05/2019	2 years	7438318	ongoing
7	CED	Dr.K.Sheshikanth	Impacts of climate change on Indian summ	UGC-SERO Minor Research Project	30/06/2017	2 years	149900	Completed
8	CED	Prof. V.Bhikshma	Flexural and shear behaviour of high strength pond ash concrete.	UGC Minor Research Project	26/03/2017	2 years	235000	Completed
9	CED	Prof.M.Gopal Naik	Urban watershed modelling using geospatial technique	UGC-Minor Research Project	01/01/2013	3 years	1515000	Completed
10	CED	Prof.M.Gopal Naik	Surface flow measurement using largescale particle image belocimetry	UGC-SERO Minor Research Project	01/01/2013	2 years	500000	Completed
11	CSE	Prof.K.Shyamala	Power and Energy Aware Secure RoutingProtocol in Wireless Sensor Networks	SERB-DST	27/02/2019	3 years	2639000	ongoing
12	CSE	E.Pragnavi	A Security framework for Saas Services in cloud using SQUARE methodology	UGC-SERO Minor Research Project	30/07/2017	2 years	190000	ongoing
13	CSE	Dr. V.B.Narasimha	Impact of Machine Learning and Term weig	UGC-SERO Minor Research Project	30/07/2017	2 years	140000	ongoing
14	CSE	Dr. B.Sujatha	FOL based Intelligent Language Interface to Knowledge Base	UGC-SERO Minor Research Project	26/03/2017	2 years	210000	Completed
15	CSE	Mr. L.K Suresh Kumar	Secure routing in mobile adhoc networks	UGC-SERO Minor Research Project	01/01/2017	3 years	380000	Completed
16	CSE	Prof S. Ramachandram,	Building an adaptive resource provisioning framework for applications with multiple constraints in Cloud environments	UGC	01/01/2016	3 years	604000	Completed
17	CSE	Dr. A. Hameed,	Creating a social network dataset excluding bots contribution	UCE-TEQIP II	01/01/2015	1 year	100000	Completed
18	CSE	Prof. P. V. Sudha	ImplementingEnergy Management using Software Defined Networks for Cloud environment	UCE-TEQIP II	01/01/2015	1 year	100000	Completed

19	CSE	Prof. K. Shyamala	Parallel implementation of minimum spanning tree for large graphs on GPU	UCE-TEQIP II	01/01/2015	1 year	100000	Completed
20	ECE	Prof. D.Ramakrishna	Antenna and RFPCB Component Characterization	Math Work India Pvt.Ltd.	01/01/2021	30 months	2540000	ongoing
21	ECE	Prof. B.Rajendra Naik	Non - Invasive Measurement of Hemoglobin for Rural Indian using Artificial Intelligence Algorithms.	SERB-DST	15/02/2019	3 years	2217500	ongoing
22	ECE	Prof. D.Rama Krishna	Studies on meta-material based compact antennas for mobile communications.	Department of Science & Technology, New Delhi, (WOS-A)	24/10/2018	3 years	2403000	ongoing
23	ECE	Prof. B.Rajendra Naik	Advanced TERCOM Aided Inertial Navigation System by Velocity and Position Corrections.	DRDO CARS PROJECT	30/07/2018	2 years	943000	Completed
24	ECE	Prof. P. Chandra Sekhar	Design and Development of IP core for SDR/ GNSS Receiver Using VHDL/ Verilog	DRDO-RCI-CARS Project	08/11/2017	9 months	990000	Ongoing
25	ECE	Prof. Naveen kumar	Investigation & Analysis of Ionospheric Time Delay Effects using NavIC data for Civilian Navigation Applications.	SAC/ISRO	01/10/2017	3 years	1981700	Completed
26	ECE	Prof. L. Nirmala Devi	Performance analysis of crop monitoring	UGC-SERO Minor Research Project	01/01/2017	3 years	425000	Completed
27	ECE	Prof. L. Nirmala Devi	Energy Management in Wireless sensor network (Ministry of Electronics & Information Tech.)	MeiTy Spon Res Project New Delhi	16/08/2016	3 years	2787400	Completed
28	ECE	Prof. B.Rajendra Naik	Visvesvaraya PHD Scheme for Electronics and IT	Digital India Corporation	02/02/2016	5 years	21929000	ongoing
29	ECE	Prof. P. Chandra Sekhar	Design and Development of FPGA based dual threshold WAM technique for Multilateration Systems	DRDO-DLRL-CARS Project	31/12/2014	9 months	975000	Completed
30	ECE	Prof. P. Chandra Sekhar	GNSS Software Receiver Baseband with FPGA	UGC-Major Research Project	16/07/2012	3 years	1500000	Completed
31	EED	Prof.P.Satish Kumar	Performance Enhancement of Grid Connected Multilevel Inverter based Wind Energy Conversion System with Low Voltage Ride Through Capability using Power Conditioners	DST, New Delhi (India - Slovenia Joint Research Project)	01/01/2022	3 years	2080000	ongoing
32	EED	Prof.P.Satish Kumar	Design and Development of Hybrid Wind-Solar Power Generation System using Multilevel Inverter for Grid Connected Application	DST, New Delhi (Indo-Sri Lanka Joint Project)	19/01/2018	3 years	2599780	Completed
33	EED	Prof. B. Mangu	Integrated PV-Wind-Battery based Stand-alone Single-phase System for Household Application	DST-PURSE-II	29/07/2017	3 years	500000	ongoing
34	EED	Dr. J. Upendar	Design and implementation of transmission line simulator laboratory model	DST-PURSE-II	01/07/2017	3 years	500000	ongoing
35	EED	Prof. P. Srinivas	Implementation of bidirectional DC – DC converter	DST-PURSE-II	01/07/2017	3 years	500000	ongoing
36	EED	Prof.B. Mangu	Grid Connected PV-Wind-Battery Based Multi-Input Transformer Coupled Bidirectional DC-DC Converter For Household Applications	UCE-TEQIP-II	16/11/2015	1 year	100000	Completed
37	EED	Prof. M. Manjula	Mitigation of harmonics in a non- linear load	UCE-TEQIP-II	01/11/2015	1 year	100000	Completed
38	EED	Prof. E. Vidyasagar	Reliability Improvement of Distribution Systems using Fault Passage Indicators	UCE-TEQIP-II	01/11/2015	1 year	100000	Completed

39	EED	Prof. P. Satish Kumar	Investigation, Implementation and Performance Evaluation of Multilevel Inverters using Space Vector Pulse Width Modulation Investigation, Implementation and Performance Evaluation of Multilevel Inverters using Space Vector Pulse Width Modulation	Science and Engineering Research Board (SERB), New Delhi	20/11/2013	3 years	2010000	Completed
40	EED	Dr. P. Satish Kumar	Investigation, Implementation and Performance Evaluation of Multilevel Inverter using Space Vector Pulse Width Modulation Algorithms	UGC, New Delhi – Major research project	01/04/2013	3 years	849000	Completed
41	MED	Prof.K.Saraswathamma	simulated and Experimental Investigation of Stretch Forming of AA2014 Aluminium Alloy-01 Job	DRDO	08/06/2021	2 years	998000	ongoing
42	MED	Dr.Siva Rama Krishna	MODROBS in CAD/CAM laboratory of Mechanical Engineering Dept.	AICTE	20/07/2020	2 years	1658823	ongoing
43	MED	Dr.E.Madhusudan Raju	Development of a EEG (Electroencephalogram) signals based Brain Machine Interface (BMI) for the control of a 2 DOF robot arm with joint flexibility.	UGC-SERO Minor Research Project	30/06/2017	2 years	450000	Completed
44	MED	Dr.Siva Rama Krishna	Assessment of Dimensional Accuracy of Fa	UGC-SERO Minor Research Project	30/06/2017	2 years	500000	Completed