

**ONGOING RESEARCH PROJECTS:**

S. No.	Project Title	Principal Investigator	Funding Agency	Sanction Date	Amount sanctioned (Rs. in lakhs)	Received amount (Rs. in lakhs)	Amount yet to be Received (Rs. in lakhs)	Amount Spent (Rs. in lakhs)	Duration
1.	Synthesis, characterization and Potential Applications of Nano-Dithiocarbamate Complexes	Dr. Suchi Tiwari	UGC-DAE	31-03-18	1.35	0.45	0.90	0.45	3 years
2.	Synthesis and characterization of Bi2O3-B2O3-MnO Glasses Doped with Zirconium Oxide nanoparticulation of Thermoelectric setup	Dr. L. Srinivasa Rao	JNTUH TEQIP-III	25-09-2019	2.50	1.00	1.50	0.03	1 Year
3.	Inorganic-Organic Hybrids based on Kegging-type Polyoxometalate-Schiff Base metal complexes: Synthesis, Characterization and Proton Conducting studies.	Dr. Balavardhana Rao	DST-SERB (TARE)	18 Oct 2019	15.00	2.75	5.5	Nil	3 Years
4.	Development of an Indigenous Low-Cost /Light Weight Deflectometer for Structural Evaluation of Pavement	Dr. A. Ramesh	DST	10-01-2019	14.10	9.00	5.1	1.54	3 years
5.	Studies on Mechanical and Durability characteristics of Low Carbon Limestone Calcined Clay Cement	Dr. B D V Chandra Mohan Rao	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00	Nil	1 Year
6.	Studies on high performance self compacting concretes with ternary blended cements containing Graphene oxide and Nano-Titanium oxide	Dr. R. Durga Prasad	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00	Nil	1 Year
7.	Assessment Warm Mix Asphalt (WMA) with partial replacement of recycled aggregate and inclusion of Nano material	Dr. A. Ramesh	JNTUH TEQIP-III	22-07-19	2.99	1.00	1.99	0.50	1 Year
8.	Instrumentation for Determination of Thermal Conductivity for Geo-Materials (Soil-Rock-Concrete)	Dr. Kadali Srinivas	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00	Nil	1 Year
9.	Development of a tool for predicting the mechanical properties of steel using Data Science Techniques	Dr. N. Sandhya	AICTE/RPS	02-08-17	4.27	4.20	0.07	3.19	3 years
10.	Detection of Fraudulent water pipes under the ground using Ground Penetrating Radar(GPR)	Dr. G. Ramesh Chandra	JNTUH TEQIP-III	22-07-19	2.90	1.00	1.90	0.26	1 Year

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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	and 3-D Image Processing Techniques								
11.	Identification of sickle cell Anemia using Deep Neural Network.	Dr. Y. Sagar	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00	0.36	1 Year
12.	Modelling distributed databases using ontology	R. Kranthi Kumar	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00		1 Year
13.	Machine Learning Approach for Plant Disease Identification using Leaf Images	Dr. D. Srinivasa Rao	JNTUH TEQIP-III	22-07-19	2.95	1.00	1.95	0.20	1 Year
14.	Automatic Diagnostic Model for malaria parasites Detection from microscopic Images.	Dr. G. Madhu	JNTUH TEQIP-III	22-07-19	2.98	1.00	1.98	Nil	1 Year
15.	To analyze the finger tip that aids to diagnose cardiovascular diseases using Photoplethysmography (PPG) technique	Dr. N. Mangathayaru	JNTUH TEQIP-III	22-07-19	2.94	1.00	1.94		1 Year
16.	Characterization of Plydrop phenomenon in FRP composites application in wind turbine blades.	Dr. N. Kiran Kumar	JNTUH TEQIP-III	22-07-19	2.90	1.00	1.90	Nil	1 Year
17.	Solar desalination for nano and micro hierarchical structures	Dr. K. Ajay Kumar	JNTUH TEQIP-III	22-07-19	2.85	1.00	1.85	Nil	1 Year
18.	Development of Low Cost-Efficient Charging Station for Electric Vehicle (EV) Charging Applications	Dr. P. Naresh D.S.G. Krishna	DST SEED/TIA SN/2018/46	19-03-19	8.77	4.89	3.88	0.43	3 years
19.	Deep Learning based Smart Assistant for Blind people	Dr. Rashmi Kapoor	JNTUH TEQIP-III	22-07-19	2.70	1.00	1.70	Nil	1 Year
20.	Real Time Implementation of Advanced Control Algorithm(s) on a Laboratory Scale Plant.	Dr. B. RajaSekhara Reddy	JNTUH TEQIP-III	22-07-19	2.85	1.00	1.85	Nil	1 Year
21.	Affect of flank wear on surface roughness in turning of Nickel A286 alloy	Dr. M. Venkata Ramana	JNTUH TEQIP-III	22-07-19	3.00	1.00	2.00	Nil	1 Year
22.	Experimental investigation of the spray characteristics of Nano particles blended water-diesel/biodiesel emulsion fuels	Mr. GVL Prasad	JNTUH TEQIP-III	22-07-19	2.99	1.00	1.99	Nil	1 Year
23.	Development of advance control on supply side and demand side management towards next	CO-PI : Dr. Santanu	SERB	06-05-19	19.72	9.86 (In PI	9.86		2 Years

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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	generation smart grid	Kumar Dash PI : Prof.Pravat Kumar Ray , Associate Professor, NIT Rourkela, Odisha				Account)			
24.	Sophisticated Flexible Supercapacitors for High Energy Storage application based on Nanomaterials	PI: Dr.Ch Shilpa, IST, JNTUH Co-PI: Dr.T.Rajani, H&S, VNRVJIET	DST SEED – Scheme for Young Scientists & Technology	20-02-20	44.07	10.28			3 Years
25.	Estimation and Tracking of Subsurface Groundwater Discharge (SGD) along coastal stretches of Andhra Pradesh and Tamil Nadu, based on understanding (and modelling) of the coastal aquifer hydrodynamic	PI: Dr. K. Ravikumar, VNR VJIET & Dr. Ashutosh Das, PRIST University, Thanjavur, TN	ISRO-Respond		33.84				
26.	Design and Development of Prototype for Secure Weapon Shooting Information System (SWSIS)	PI: Dr. G. Ramesh Chandra, Co-PI: V. Naveen Kumar Co-PI; P. Subhash	ARDE, DRDO		9.94				18 Months

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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<b>Grand Total : (Rs. In lakhs)</b>					<b>190.67</b>				

**ONGOING CONSULTANCY PROJECTS:**

S. No.	Project title	Funding Agency	Principal Investigator	Dept.	Sanction Date	Sanctioned amount (In lakhs)	Duration
1.	Geo Physical Investigation to find Potential Ground water recharge sites in Pragathi Nagar	Awareness in Action Hyderabad March	Dr. K. Ravi Kumar	Civil	16 March 2019	1.00	1 year
2.	Selection suitable sites for vehicle parking in Pragathi Nagar, Kukatpally, Nizampet Road and development of mobile applications for showing parking sites to the vehicle users	Awareness in Action Hyderabad March	T. Srinivasa Rao	Civil	16 March 2019	1.00	1 year
3.	Third Party Quality Control Consultancy Services, GHMC	Greater Hyderabad Municipal Corporation	Dr. A. Mallika & Team	Civil	30-05-2019 (Extn. Program)	70.00 (Approx)	1 Year
4.	Development of high performance SARADC	MMRFIC ltd.	Dr. P. Kishore	ECE	Oct 2019	5.00	10 months
5.	Developing VR Tour for Warangal Heritage Sites	Tourism Department- Government of Telangana	Lakshmi Kalyani P. Radhika D. Ramesh	CSE & ECE	29-12-2018	10.00	1 Year
6.	White Board Animation Videos	Anika Society for Social Welfare	P. Tejaswi, P. Rama Krishna, S. Jahnvi	CSE	05-03-2019	1.00	1 Year
7.	Development of High voltage DC Power Supply for ultra sound wave generator paper sealing application	Consultancy-Rachana machines	Mr. D.S.G. Krishna Dr. P. Naresh	EEE	04-01-2019	1.50	3 Years
8.	Transform No Load losses acquisition	Consultancy-Shiridi Electricals Pvt. Ltd.	Dr. Poonam Upadhyay Dr. V. Ramesh Babu Mr. D.S.G. Krishna	EEE	15-09-2018	10.00	3 years
9.	Remote Patient Monitoring Device	M/s Pujroh	Dr. B. RajaSekhara Reddy	EIE	2019	2.25	1 Year

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

S. No.	Project title	Funding Agency	Principal Investigator	Dept.	Sanction Date	Sanctioned amount (In lakhs)	Duration
	(RPMD)	Innovations					
<b>Total (Rs in Lakhs):</b>						<b>101.75</b>	

**ONGOING OTHER PROJECTS MSME/ BIRAC PROJECTS:**

S. No.	Project Title	Principal Investigator	Funding Agency	Sanction Date	Amount sanctioned (Rs. in lakhs)	Duration
1.	To Create a Roti making machine (Roti bot)	S. Pranavanand /EIE	MSME	10/05/2016	6.25	2 Years
2.	Digital Health Advisory System for Chronic Respiratory Diseases	S.V.N Narayana Rao/ Dr. Y. Padma Sai /Mr. V. Naveen Kumar(ECE)	BIRAC	2018	45.60	1 Year
3.	Self Learning Prosthetic hand based on voice commands	S.V.N Narayana Rao/ Dr. Y. Padma Sai N Mano Satya Sai. (ECE)	BIRAC	19/02/2019	44.80	1 Year
<b>TOTAL (Rs. in lakhs)</b>					<b>96.65</b>	

**ONGOING MODROBS / FDP / CONFERENCES/UGC PARAMARSH/AICTE MARGDARSHAN**

S. No.	Project title	Funding Agency	Principal Investigator	Dept.	Sanction Date	Sanctioned amount (In lakhs)
1	Paramarsh mentoring NAAC Accreditation Aspirant institutions to promote Quality Assurance in Higher Education.	UGC Paramarsh	Dr. B. Narendra Kumar	Civil	Aug 2019	29.5
2	Share And Mentor Institutions	AICTE Margdarshan	Dr. K. Anuradha	EEE	2019	28.00

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

3	Automation lab	MODROBS	Dr. M. V. R. Durga Prasad	ME	2019	10.00
4	Advanced Embedded Systems &IoT laboratory	AICTE MODROBS	Dr. Y. Padma Sai	ECE	2019	15.00
5	Skill And Personality Development Programme	AICTE - Skill And Personality Development Programme Centre For Sc/St Students	Dr. T. Sunil Kumar	CSE	26-03-2019	15.63
6	National Level Training Programme-FDP	DST-ICPS-SC/ST	B. Devulal	EEE	31-03-2019	9.00
7	ICACECS	AICTE	Dr. C. Kiranmai	CSE	June 2019	5.00
<b>TOTAL (Rs. in lakhs)</b>						<b>112.13</b>

## 57.4.3 Applied Projects from 01-09-2019 to 29-02-2020: (Rs. in lakhs: 973.63)

S. No.	Principal Investigator	Title of the Project	Funding Scheme, Date of Submission & File Number	Amount (Rs. In Lakhs)	Dept.
1	Dr. T. Nireekshana	Design and Sizing of Stand-Alone Photo Voltaic System for a House in Rural Area	DST under SEED Sep 2019	55.80	EEE
2	Dr. E. Shiva Prasad-PI Mr. DSG Krishna-CO-PI	Development of Low cost, Efficient, intelligent and storage Independent PV water pump for agriculture.	DST/SEED/TI ASN 29-Oct-2019 Temporary Registration No. : TPN / 42227	27.56	EEE
3	Dr. L. Padma Sree & N. Dhana Lakshmi	Visual interpreter for assisting visually impaired people in home environment	TIDE, 31-10-19, Temporary Registration No. : TPN / 42519	16.45	ECE
4	Dr.C.D.Naidu, D.Ramesh Reddy Dr. N. Kiran Kumar	Development of Smart Diaper	DST under the scheme TIDE on 31-10-2019 Temporary Registration No. TPN / 42586	39.65	ECE ME
5	Dr. Ch. Suresh	Assessment of Patient Health Condition to cut down Pre-Hospital Death Rate using IOT & Deep Learning	UGC-STRIDE 30-Sep-2019	35.06	CSE
6	Dr. M Raja Sekar & Dr. N. Sandhya	Design and Development of Language improvement and Speech therapy by Multimedia Educational Interpreters for rural and urban Children with Special needs-Divyangajan	TIDE, 30-10-19, Temporary Registration No. : TPN / 42082	168.62	CSE
7	Dr. K. Sudha Rani & Dr. T. Nireekshana	Effectual Ankle Foot Driven Customized Prosthetic Leg And Exoskeleton For Locomotor Disability	Technology Interventions for Disabled and Elderly (TIDE), 31-10-19. Temporary File No. TPN / 42684	47.70	EIE EEE
8	Dr. Shuchitiwari	Development Of Transgenic Mosquitoes Using RNA Guided Gene Drive Techniques To Suppress The Dengue Epidemic With In-Depth And Machine Learning Approach For Modelling And Predictive Analysis	DST 04 Nov 2019 Temporary Registration Number : TPN / 43078	43.42	H & S

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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9	Dr. G.V.P.N. Srikanth	Impact of Thermal Wave on Convective Heat Transfer in Nano- Fluid for Industrial Application	Supra-SERB, 28-Nov-2019 File Number: SPR/2019/000527	16.28	H & S
10	Dr. D. Srinivasa Rao	Deep learning Based Approach for Change Detection of Deforestation, Water Reserves from Satellite Images	UGC -STRIDE 30-Sep-2019	24.30	IT
11	Vijaya Kumar Gurrala	Machine Learning (ML) for Bio Signals in Health Care	Special Call for SC and ST, 30-11-2019, TPN / 43177	9.38	ECE
12	Dr. Y. Chalapathi Rao Dr. P. Kishore	Smart Farming and Smart Environment Applications using Internet of Things (IoT)	Interdisciplinary Cyber Physical System/ FDP(Short-term training Programme) DOS:30/11/2019 Temporary Registration No. : TPN / 43505	9.28	ECE
13	PI Dr. Talluri Sunil Kumar Co-Investigator Mr. Venkateswara Rao P	Title of the training course: Training programmes In-house Short-term training/FDP Programmes for Faculty/UG/PG/Doctoral students of two weeks duration on "Maintenance and Handling of large volumes of Customer data in a safe way Using Data Science, Big Data Analytics and Predictive Analytics, Applications for Future Outcomes of a Business"	Funding Scheme: Division: Interdisciplinary Cyber Physical System Programme or Scheme: Special Call for SC and ST Date of Submission 30/11/2019 File Number: Temporary Registration No.: TPN / 46430	8.96	CSE
14	PI : Y.UshaRani CO -PI DrV.RadhaKrisna	Two weeks Faculty Development Program on "Machine Learning, Deep Learning, Artificial Intelligence , Advanced Communication Systems.	Division :Interdisciplinary Cyber Physical System	8.60	IT



**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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			Programme or Scheme : Special Call for SC and ST, 30-11-2019 Temporary Registration Number : TPN / 46470		
15	B.Devulal	Internet of Things, Sensor Networks, Robotics	Special Call for SC and ST 30/11/2019 TPN / 43245	10.70	EEE
16	Dr. YeoleShivraj Narayan	Two Weeks Short-Term Training Programme on Predictive Analytics for Manufacturing	SC/ST Category under ICPS Program 30-11-2019	6.60	ME
17	Dr. K Ramujee Dr. R. Durga Prasad	Service Life Assessment And Performance Evaluation Of Cementitious Composites Containing Nano Particles In Marine Environment	DST(SERB-SUPRA) Nov 2019 Reference No: SPR/2019/00 0823	23.53	CE
18	D. Harinder	Application of IoT in Urban Traffic Management System	Special call for SC/ST under ICPS-DST- FDP, 30-11-2019	1.95	CE
19	R. Ramu T. Praveen	Data Analytics of Automotive Power Trains and Autonomous Vehicles	Special call for SC/ST under ICPS, 30-11-2019	7.34	AE
20	Dr. A. Mallika	Advanced Computing in Civil Engineering	FDP, 30-12-2019, 1-7020150809	6.88	CIVIL
21	Dr. N. Sandhya	MODROB	AICTE, 28-12-2019, 1-7020150782	19.72	CSE
22	Dr. S. Deepak Sukheja	Blockchain Technology as a Good Governess	STTP, 29-12-2019 1-7020150825	5.00	CSE
23	Dr. R. Manjula Sri	Integrated Solution for Automation and Control	STTP, 28-12-	2.40	EIE

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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			2019, 1- 7030150845		
24	Dr. R Manjula Sri	Modernization of Analytical Instrumentation Lab	MODROBS, 28-12- 2019, 1- 7030150790	20.00	EIE
25	Dr. C. Kiran	Design and Structural Evolution of Advanced Functional Materials Suitable for Engineering Applications	STTP, 30-12- 2019, 1- 7020150817	4.85	EIE
26	V. Priyanka	Inculcating Human Values and Ethics in Students	AICTE- STTP, 30-12- 2019, 1- 7023572781	2.80	ECE in collaboration with H & S
27	Dr.Y.Padma Sai	Lung Audio-Metric Evaluation Technology for COPD	AICTE RPS , 30-12- 2019, 1- 7094225935	25.00	ECE
28	Dr. V. Padmaja-Prof.	Applications of Machine Learning for xG wireless networks.	AICTE , 30-12- 2019, 1- 7020150813	6.50	ECE
29	Dr. L. Padma Sree	Margdarshak	AICTE , 30-12-2019	-	ECE
30	Dr. B.V.R. Ravi Kumar	Experimental Investigation on Role of Hybrid Tool Pin profile on Microstructure and Mechanical Properties of Friction Stir Welded dissimilar AA6082 – AA5083 Aluminum Alloy	RPS, 30-12- 2019, 1- 7020150801	24.47	ME
31	K. Jaya Prakash	Additive Manufacturing: The Next Industrial Revolution	STTP, 30/12/201 9, 1- 7020150833	5.00	ME
32	S. Bhanu Murthy	Development, characterization and analysis of composites	STTP, 30-12-19, 1- 7020150829	4.95	ME
33	Dr. Poonam Upadhyay Mrs. M. Naga Jyothi	Advanced SynchroPhasor measurement units	AICTE- MODROBS, 28-12-	20.00	EEE

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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			2019, 1- 7020150786		
34	B. Devulal	SPDP Skill and personality development Programme Centre for UG & PG SC/ST students	AICTE-AQIS, 30-12- 2019, 1- 7075282121	19.20	EEE
35	Dr. P. Naresh	Design and Development of an efficient and compact High Voltage High Frequency(>20kHz) ultrasonic signal generator for Industrial and Defense Application	AICTE-AQIS RPS, 30-12- 2019, 1- 7083554528	9.79	EEE
36	Dr. M. Ranjit	IOT based solutions to Smart Grid issues with Renewable Energy Systems Integration	AICTE-STTP, 29-12- 2019, 1- 7082426721	3.85	EEE
37	Gunupudi Rajesh Kumar	Research Issues in Artificial Intelligence Designs, Techniques and Implementations	STTP-Short Term Training Program, 30-12- 2019, 1- 7020150837	3.65	IT
38	Dr. D Srinivasa Rao	Machine Learning and Deep Learning Techniques for Artificial Intelligence Problems using Python	STTP, 30-12- 2019, 1- 7020150821	3.80	IT
39	B. Mathura bai	PRERANA- Programme for SC/ST students for higher education	PRERANA-Career Enhancement and Training, 10-01- 2020, 1- 7137958254	10.00	IT
40	Dr. D. Srinivasa Rao	SAMRIDDHI- Programme for SC/ST students	SAMRIDDHI, 11-01- 2020, 1-	20.00	IT

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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			7123520328		
41	Dr. G. Suresh Reddy	Research Centre for machine learning	MODROBS 05-01-2020	17.04	IT
42	Dr. YeoleShivraj Narayan	International Conference on Sustainable Development in Mechanical Engineering (SDME 2020) during March 27-28, 2020	AICTE::GOC -Grant for Organizing Conference, 04-01-2020 1-7020150852	5.00	ME
43	Dr. A. Mallika	Modernization of Concrete Laboratory	MODROBS 05-01-2020	13.90	CED
44	Dr. SSS Rao	Modernization of Metallurgy Laboratory	MODROB - Aspiring Institutions 05-01-2020	19.56	ME
45	Dr. M RAJA SEKAR, Dr. N. Sandhya	Designing Artificial Intelligence Based Expert System for Health Monitoring of Pregnant Women in Rural Telangana	TSCOST, 31.01.2020	5.00	CSE
46	Dr. Deepak sukheja, Dr.P.V.Siva Kumar	Classification of Network Vulnerabilities in an organization and proposed cost effective solution to Enhance the Network Security of an Organization	TSCOST, 31.01.2020	5.00	CSE
47	Dr. P Radhika S Kranthi Kumar	Classification of Network Vulnerabilities in an organization and proposed cost effective solution to Enhance the Network Security of an Organization	TSCOST, 31.01.2020	4.84	CSE
48	Dr Sagar Yeruva Dr T Sunil Kumar	Identification of Thalassemia Trait in Blood Samples using deep neural networks	TSCOST, 31.01.2020	5.00	CSE
49	Dr. N. Kalapana Naidu Dr. L. Anjaneyulu, D.Ramesh Reddy	Test bed measurement of Air pollution in Telangana using Machine Learning algorithms and IoT	TSCOST, 31-01-2020	5.00	ECE
50	Dr.Y.Padma Sai, L. V. Rajani Kumari,	An integrated portable cost effective AI powered medical device for continuous monitoring of important health parameters	TSCOST 31-01-2020	5.00	ECE
51	Dr. Lam. Padma Sree N. Dhana Lakshmi	Design and development of knowledge based expert system to assist farmers for monitoring of agricultural field using aerial data acquisition	COST 31-01-2020	4.97	ECE
52	Dr. P. Kishore Dr. Y. Chalapathi Rao	Development of a prototype for Crowd-sourced policing enabled through demarcation of Police Station boundaries using Geo	TSCOST 31-01-2020	4.88	ECE
53	PI: Dr. Shaik Amjad, Professor, AE  Co-PI: Dr. T. Srinivasa Rao, Professor, AE	Design and Development of Low-cost Electric Microcar for Physically Challenged	TSCOST, 31-01-2020	4.95	AE
54	Dr. A.V.S.S. Kumara Swamy Gupta, G.V.L. Prasad,	Vehicle Speed Control System based on the Speed Limit of the Road by using Rassyberry Pi based GPS Tracking System	TSCOST, 31-01-2020	5.00	AE
55	Dr. G. Srinivasa Gupta-PI	Development of Titanium- Niobium material system	TSCOST,	4.90	ME

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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	Dr. SSS. Rao and Dr. N. Kiran Kumar-CO-PI	using cluster variation method for jet Engine Components	31-01-2020		
56	Dr. SSS. Rao-PI Dr. G. Srinivasa Gupta –CO-PI	System dynamic study of medaramJatara-its effects on the environment and forest, measures for improvements, Planning and policy design to sustainable growth of the region	TSCOST, 31-01-2020	5.00	ME
57	Jayashri Nair Suchi Tiwari	Extraction of cellulosic bioethanol from algae and its characterization Potentiality as an alternate fuel	TSCOST, 31-01-2020	4.96	ME
58	L. Sandeep Raj Ch. Naveen Reddy	Development of customer operated vehicle in-built Fuel Fill indicator	TSCOST, 31-01-2020	4.40	ME
59	T. Malyadri-PI Ch. Naveen Reddy and S. Bhanu Murthy-CO-PI	Polymer based Nano Composite Roof Sheets	TSCOST, 31-01-2020	4.76	ME
60	Dr. N. Kiran Kumar Smt. PriyadarshiniChilukuri, Assistant Professor Dr. Srinivasa Gupta Gembali, Professor,	Development of spreader for granular fertilizers	TSCOST, 31-01-2020	4.49	ME
61	<b>PI:</b> Dr. K. Ajay Kumar, Associate Professor <b>CO-PI :</b> Dr. A. Aruna Kumari	Effect of Nano porus floating film on the performance of active solar still coupled with MPPT charge controller	TSCOST, 31-01-2020	5.00	ME
62	PI: Dr. K. Ravi kumar, Associate Prof, CE Co-PI: Dr. G. Madhu, Assoc. Prof, IT	Detection of Potential Rain Water Harvesting Sites using Deep Learning Methods and Geophysical Methods in Nizampet Municipality, Telangana	TSCOST, 31-01-2020	5.00	CE
63	PI: PVS GOPI RAGHUNADH, Asst. Professor, Civil Engineering Dept. CO-PI: Dr. C. Jyotsna, Assoc. Professor, H&S department	Development of multipurpose low-cost pilot scale mobile operated Hydroponic system suitable to most of the crops	TSCOST, 31-01-2020	4.10	CE
64	PI: Dr. S. Pradeep Kumar, Asst. Prof. Co-PI: Mr. PVS Gopi Raghunadh, Asst. Prof.	Development of biodegradation process for plastic waste using various worms: Identifying the responsible gut microorganisms and enzymes	TSCOST, 31-01-2020	3.50	CE
65	Dr. G. Suresh Reddy Professor (PI) & Dr. V. Radha Krishna. Asst.Prof (CO-PI)	“Development of Diabetes mellitus tool for early prediction using Artificial Intelligence design implementation and Techniques”	TS Cost, 31-01-2020	5.00	IT
66	Dr. N. Mangathayaru, Professor (PI) & M.Susmitha,Asst.Prof(CO-PI)	Computational activity Prediction of drug using Artificial Intelligence Techniques	TS Cost, 31-01-2020	4.90	IT
67	Dr. D. Srinivasa Rao,	Deep and Transfer Learning Based Approach for	TS Cost, 31-01-2020	5.10	IT

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

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	(PI) & Dr. A. Sreenivasa Rao,				
68	PI: Dr Shuchi Tiwari Assistant Professor H & S Co-PI: Dr. Kiran kumarNamala, Associate Professor, Department of ME	Development of low cost composite material with fly	TSCOST, 31-	5.00	H&S &

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

S. No.	Principal Investigator	Title of the Project	Funding Scheme, Date of Submission & File Number	Amount (Rs. In Lakhs)	Dept.
69	PI: Dr. G V P N Srikanth Assistant Professor Department of H & S Co-PI: Dr. G. Srinivas, Professor, H&S (Mathematics). Co-PI: Dr Shuchi Tiwari Assistant Professor Department of H & S	Numerical Investigation of Thermal Wave Propagation for Convective Heat and Mass Transfer in Nano-Fluid for Industrial Applications	TSCOST, 31-01-2020	4.99	H & S
70	PI Dr. T. JAYASHREE Professor and Head, Department of H & S Co-PI: Dr Shuchi Tiwari Assistant Professor Department of H & S	Improving Learning in Mathematics courses in Engineering through Learning Analytics	TSCOST, 31-	4.95	H & S
71	PI Dr. G.Madhu, Associate Professor Department of IT Co-PI: G.Naga Chandrika, Assistant Professor Department of IT	Artificial Intelligence based on Diagnostic Model for Detection of tuberculosis (TB) in Telangana State	TSCOST, 29-  File No - 05	5.00	IT
72	PI Dr. Deepak Sukeja, Associate Professor, Department of CSE Co-PI: Dr B.V.Kiranmayee, Associate Professor Department of CSE	Verification & Validation of Certificates using Blockchain Technology	TSCOST, 29-  File No - 21	3.65	CSE
73	PI Dr. K.Srinivas, Assistant Professor Department of CSE Co-PI: Dr A.Brahmananda Reddy, Associate Professor Department of CSE	Identifying quality of seeds & Pesticides based on farmers opinion and facts using Machine Learning	TSCOST, 29-  File No - 22	4.75	CSE
74	PI: Ms.K. Aruna Kumari, Assistant	Artificial Intelligence	TSCOST, 29-	4.96	ECE

**57<sup>th</sup> Finance, Planning & Development Committee Meeting**

S. No.	Principal Investigator	Title of the Project	Funding Scheme, Date of Submission & File Number	Amount (Rs. In Lakhs)	Dept.
	Professor, Dept. of ECE  Co- PI: Dr. T. R. Vijaya Lakshmi, Assistant Professor, Dept. of ECE, MGIT	based system to Track live Biological cells in Time Lapse Microscopy for Clinical Investigations			
75	PI: Dr.N.Sudhakar Yadav Assistant Professor, Department of IT. Co-PI: Dr.G. Suresh Reddy, Professor, Department of	Deep Learning based Model for Detection of Malaria Disease	TSCOST, 28-	5.00	IT
76	PI: Dr. T. Nireekshana Co-PI: Dr. Poonam Upadhyay	Design and sizing of standalone photovoltaic system for a house in rural areas of Telangana State	TSCOST, 29-02-2020	4.94	EEE
77	PI. Dr. G. Ramesh Chandra Co-PI: Dr. S. Rajendra Prasad	Design and Implementation of a Low-cost System for Real Time Monitoring of Pollutants from Industrial Outlets in Telangana Using IOT	TSCOST, 31-01-2020	4.94	CSE
78	PI: Dr. J. Viswanatha Rao	SOIL HELATH MONITORING SYSTEMS	TSCOST, 29-02-2020	5.00	EEE
<b>TOTAL (Rs. in lakhs)</b>				<b>978.59</b>	