

G. NARAYANAMMA INSTITUTE OF TECHNOLOGY & SCIENCE

[AUTONOMOUS]

(For Women)

Shaikpet, Hyderabad - 500104

Details of Seed Amount

Academic Year 2020-2021

Sl. No	Name of the Faculty	Dept.	Designation	Title of the project	Sanctioned Date	Amount
1	Mr. G. Krishna Reddy	ETE	Associate Professor	Novel Techniques for PAPR reduction in MIMO OFDM	19 March 2020	5,510/-
2	Mr. G. Naga Babu	CSE	Asst.Prof.	Development of Data Analytical Framework for Effective Asset Management of Geo-Spatial Data.	04 April 2020	4,760/-
3	Dr. N. Malla Reddy	EEE	Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	07 April 2020	4,760/-
4	Dr. G. Annapurna	EEE	Associate Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	07 April 2020	8,760/-
5	Dr. P. Rama Krishna Reddy	EEE	Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	4,760/-
6	Dr. R. Nageswara Rao	EEE	Associate Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	4,760/-
7	Dr. T. Surya Prakash	EEE	Assistant Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	4,760/-
8	Dr. K. Ramesh Reddy	EEE	Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	4,760/-
9	Mrs. E. Goutami	EEE	Assistant Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	5,860/-
10	Dr. B. Ravichandra Rao	EEE	Assistant Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	08 April 2020	4,760/-
11	Mrs. K. SwarnaLatha	EEE	Assistant Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal	15 April 2020	5,260/-

				and artificial intelligence.		
12	Dr. N.V.S.L. Narasimham	H&M	Sr.Assistant Professor	Linear programming approach for radiotherapy treatment planning with dose volume constraints	15 April 2020	4,760/-
13	T. Malathilatha	H&M	Assistant Professor	An Effect of Occupational Stress among Software Engineers in IT Sector	15 April 2020	4,760/-
14	Dr. M. Vijaya Lakshmi	ETE	Assistant Professor	performance enhancement of MIMO-OFDM system	15 April 2020	4,760/-
15	Ms. Y. Priyanka	ETE	Assistant Professor	performance enhancement of MIMO-OFDM system	15 April 2020	5,510/-
16	Dr. SwapnaRaghunath	ECE	Associate Professor	Autonomous Weed Management System in Precision Agriculture Using Convolutional Neural Networks and LASER Technology	17 April 2020	4,760/-
17	Dr. P. V. D. Somasekhar Rao	ECE	Professor	Autonomous Weed Management System in Precision Agriculture Using Convolutional Neural Networks and LASER Technology	17 April 2020	4,760/-
18	Dr. K. Ragini	ECE	Professor	Device to Externally Monitor and Analyze fetus Heart rate at Home	22 April 2020	4,760/-
19	V. Uma	ECE	Associate Professor	Device to Externally Monitor and analyze fetus Heart rate at Home	22 April 2020	4,760/-
20	Dr. Renuka Devi	ECE	Professor	Instantaneous grains moisture measuring device using NIR spectroscopy	25 April 2020	4,760/-
21	Dr. I. Radhika	BS	Assistant Professor	Synthesis of Gas hydrates using additives. - Autoclave method	25 April 2020	4,760/-
22	M. Shanti	BS	Assistant Professor	Microwave assisted synthesis of bisindoles	25 April 2020	4,760/-
23	Dr. B. Sushma	H&M	Assistant Professor	An Empirical Study on Unemployed Engineering Graduates in the Districts of Telangana: Causes, Effects and Solutions	25 April 2020	4,760/-
24	Dr. P. Sudhakar Rao	ECE	Professor	System for automatic fruits maturity estimation and harvesting using drone	02 May 2020	4,760/-
25	V. Radha Krishna	ECE	Assistant Professor	System for automatic fruits maturity estimation and harvesting using drone	06 May 2020	4,760/-
26	Ch. Hari Prasad	ECE	Assistant Professor	System for automatic fruits maturity estimation and harvesting using drone	06 May 2020	4,760/-
27	Dr. B. Venkateshulu	ECE	Professor	Automatic plastic sorter using NIR technology	07 May 2020	4,760/-

28	Prof. Ch. Ganapathy Reddy	ECE	Professor	Automatic plastic sorter using NIR technology	07 May 2020	4,760/-
29	Dr. I. Ravi Prakash Reddy	IT	Prof, HoD	Improving yield of organic farming using Internet of Things	13 May 2020	9,760/-
30	Dr. S. Rama Charan	IT	Associate Professor	Development of Internet of things-based cloud architecture for household devices	13 May 2020	4,760/-
31	Dr. K. Rama Linga Reddy	ETE	Professor and HoD	Brain Tumor Detection segmentation and classification using 4th order PDE	13 May 2020	4,760/-
32	Dr. T. Charan Singh	BS	Associate Professor	Determination of CT complex of PQ with Organic Donors	14 May 2020	4,760/-
33	Dr. K. Venugopala Rao	CSE	Professor	Industrial Air Quality Assessment using IoT and Multi Sensor Fusion of Spatial Images	14 May 2020	4,760/-
34	Ms. T. Sunitha	ETE	Assistant Professor	Low are FPGA implementation of PRESENT cipher in Lightweight cryptography	14 May 2020	6,510/-
35	Dr. V. Supriya	IT	Associate Professor	Smart Organic Farming	15 May 2020	5,860/-
36	Dr. L. Smitha	IT	Associate Professor	UV External Human Body Disinfectant	15 May 2020	8,514/-
37	Dr. A. Sharada	CSE	Professor	Deep Learning Approach for mental health analysis through Breathing and Facial Patterns.	18 May 2020	4,760/-
38	Mrs. Jayashree S Patil	CSE	Associate Professor	Deep Learning Approach for mental health analysis through Breathing and Facial Patterns.	18 May 2020	4,760/-
39	Mrs. K. V. Sowmya	EEE	Assistant Professor	Modelling and Analysis of Grid system and solar Panel voltages using FPGA Spartan 6	18 May 2020	9,760/-
40	Mr. Ch. Leela Krishna	EEE	Assistant Professor	Modelling and Analysis of Grid system and solar Panel voltages using FPGA Spartan 6	18 May 2020	5,760/-
41	Dr. A. Naveena	ETE	Assistant Professor	FBMC Modulation Schemes for 5G Mobile Communications	21 May 2020	4,760/-
42	B. V. Prasad Babu	IT	Associate Professor	Improving yield of organic farming using Internet of Things	21 May 2020	4,760/-
43	C. Sudhakar Reddy	IT	Associate Professor	Smart Organic Farming	21 May 2020	4,760/-
44	Ms. V. Anitha	ETE	Assistant Professor	A planar high directional Bow-Tie Yagi-Uda antenna for Compact THz Wireless Devices	21 May 2020	7,510/-

45	Ms. G. Swetha	ETE	Assistant Professor	Low cost secure edge deployment in 5G	21 May 2020	48,732/-
46	Dr. P. Rekha	H&M	Sr.Assistant Professor	An Analysis of India's Dynamism in AI Growth	22 May 2020	13,510/-
47	Dr. S. UdayBhasker	BS	Assistant Professor	Composites of WO ₃ and cobalt ferrite nano particles for ethanol (VOC) gas sensing	22 May 2020	4,760/-
48	Dr. K. Syamala Devi	BS	Assistant Professor	Rural Community Awareness through Science Fair	22 May 2020	4,760/-
49	Dr. A. Alakanandana	BS	Associate Professor	Polymer dispersed Cobalt Nickel ferrite nanoparticles for microwave applications	22 May 2020	4,760/-
50	Dr. Ch. Ramesh	IT	Assistant Professor	A Data driven framework for diabetes prediction by using data science models	22 May 2020	4,760/-
51	Dr. S. Prabavathy	IT	Associate Professor	IoT based Smart Firefighting	23 May 2020	19,760/-
52	Mr. V. Vikas	ETE	Assistant Professor	Low-cost secure edge deployment in 5G	23 May 2020	5,510/-
53	Mrs. P. Sunitha Devi	CSE	Assistant Professor	Early screening of Developmental Disorders among Young Children using Deep Learning Techniques	23 May 2020	4,760/-
54	Mr. P. Siva Prasad	EEE	Assistant Professor	Development of ZVS Converter	23 May 2020	5,960/-
55	Mr. P. Buchibabu	EEE	Assistant Professor	Analysis of Solar MPPT Methods of 1kWp System	23 May 2020	5,760/-
56	M. Sridevi	IT	Assistant Professor	A proposal for establishment of laboratory for imaging vision and Artificial Intelligence	23 May 2020	5,510/-
57	Ms. K. Sarada	ETE	Assistant Professor	Smart College Bus Transport System	23 May 2020	5510/-
58	Dr. D. V. LalitaParameswari	CSE	Sr.Assistant Professor	Automatic extraction of river networks from satellite images	27 May 2020	4760/-
59	Dr. G. Malini Devi	CSE	Assistant Professor	Impact Assessment of Remote Sensing Data using Machine Learning approaches based on Multi-scale Observations	27 May 2020	4760/-
60	Mrs D. Manju	CSE	Assistant Professor	Automatic extraction of river networks from satellite images	27 May 2020	4760/-
61	G. Santhoshi	IT	Assistant Professor	Smart Agricultural Frame work to increase the Crop Production based on Genetic Engineering SAF-GE	28 May 2020	11010/-

62	Ch. Sravanthi	IT	Assistant Professor	A proposal for establishment of laboratory for imaging vision and Artificial Intelligence	28 May 2020	6,510/-
63	Dr. Raj Kumar L. Biradar	ETE	Professor	Bayes Probabilistic Based Fusion method for Image Inpainting & Its performance Analysis using KNN Algorithm	28 May 2020	5,510/-
64	Y. Rakesh Kumar	ECE	Assistant Professor	Smart Mushroom Cultivation	28 May 2020	4,760/-
65	S. Vaishnavi	IT	Assistant Professor	Development of Internet of things-based cloud architecture for household devices	29 May 2020	5,860/-
66	Dr. M. Vijaya Lakshmi	ECE	Associate Professor	Instantaneous grains moisture measuring device using NIR spectroscopy	01 June 2020	12,760/-
67	Dr. M. Seetha	CSE	Professor	Portable Retinal Imaging Device for Early Detection of Eye Disease	19 September 2020	2,63,330/-
68	Dr. N. Kalyani	CSE	Professor	Portable Retinal Imaging Device for Early Detection of Eye Disease	19 September 2020	4,760/-
69	Mr. N. Venkateswarulu	CSE	Assistant Professor	IoT and Multi Sensor Fusion of Spatial Images Development of Data Analytical Framework for Effective Asset Management of Geo-Spatial Data.	02 November 2020	45,430/-
70	K. Sridevi	IT	Assistant Professor	Smart Agricultural Frame work to increase the Crop Production based on Genetic Engineering SAF-GE	06 November 2020	45,430/-
71	Dr. T. HimaBindu	EEE	Assistant Professor	3-phase 4 wire system fed UPQC for enhancement of Power quality	10 November 2020	45,430/-
72	P. Lavanya	ECE	Assistant Professor	Device to Externally Monitor and Analyze fetus Heart rate at Home	11 November 2020	45,430/-
73	Dr. M. Nagasree	H&M	Sr. Assistant Professor	A Study of Inventory Models for Different Demand Patterns	11 November 2020	45,430/-
74	G. Madhavi	ECE	Assistant Professor	System for automatic fruits maturity estimation and harvesting using drone	14 November 2020	45,430/-
75	M. Bhavana	ECE	Assistant Professor	Instantaneous grains moisture measuring device using NIR spectroscopy	14 November 2020	45,430/-
76	Ch. Anusha	ECE	Assistant Professor	Instantaneous grains moisture measuring device using NIR spectroscopy	14 November 2020	45,430/-
77	Dr. M. Aparna	H&M	Associate Professor	Bigdata and its Applications	16 November 2020	6,160/-

78	Mrs. T. Swapna	CSE	Assistant Professor	Image Recognition, Target tracking and Non Cooperative Collision Avoidance System for UAV's	17 November 2020	45,430/-
79	Dr. D. Sanjay Kumar	BS	Assistant Professor	Analysis of quantum tunneling in Josephson junction of Cuprates	18 November 2020	45,430/-
80	V. Usha	IT	Assistant Professor	A Data driven framework for diabetes prediction by using data science models	19 November 2020	45,430/-
81	Dr. Ch. Anitha	IT	Associate Professor	A-3 Stage method for disease detection of Cotton plant leaf using Deep Learning CNN Algorithm	20 November 2020	4,760/-
82	M. Bhavani	IT	Assistant Professor	A-3 Stage method for disease detection of Cotton plant leaf using Deep Learning CNN Algorithm	20 November 2020	5,760/-
83	P. N. Ramya	IT	Assistant Professor	A-3 Stage method for disease detection of Cotton plant leaf using Deep Learning CNN Algorithm	20 November 2020	45,430/-
84	E.V.V.S. Vyshnavi	ECE	Assistant Professor	Automatic plastic sorter using NIR technology	21 November 2020	45,430/-
85	Mr. T. Rajesh	CSE	Assistant Professor	Impact Assessment of Remote Sensing Data using Machine Learning approaches based on Multi-scale Observations	03 December 2020	45,430/-
86	Dr. J. Pragathi	BS	Assistant Professor	Corrosion inhibition studies of Metal Schiff bases derived from 2-amino phenyl benzimidazole	05 December 2020	45,430/-
87	V. Vijaya Lakshmi	H&M	Assistant Professor	Working Capital Management in Ambuja Cement Company	06 December 2020	45,430/-
88	Mrs. BhageshwariRatkal	CSE	Assistant Professor	Deep Learning Approach for mental health analysis through Breathing and Facial Patterns.	08 December 2020	45,430/-
89	Mrs. V. Divya Raj	CSE	Assistant Professor	Portable Retinal Imaging Device for Early Detection of Eye Disease	09 December 2020	45,430/-
90	Mrs. Nanda Devi. D.R	CSE	Assistant Professor	Industrial Air Quality Assessment using IoT and Multi Sensor Fusion of Spatial Images	12 December 2020	45,430/-
91	Mrs. R. Pallavi Reddy	CSE	Assistant Professor	Early screening of Developmental Disorders among Young Children using Deep Learning Techniques	12 December 2020	45,430/-
92	Ms. M. Jyothsna	ETE	Assistant Professor	Performance Analysis of MIMO-OFDM using VBLAST ZF, MMSE and VBLAST ML	13 December 2020	14,760/-

93	Mrs. Y. Sravani Devi	CSE	Assistant Professor	Portable Retinal Imaging Device for Early Detection of Eye Disease	14 December 2020	45,430/-
94	Ms. G. Sujatha	EEE	Assistant Professor	Modelling and Analysis of Grid system and solar Panel voltages using FPGA Spartan 6	15 December 2020	45,430/-
95	Dr. K. V. Raghavender	CSE	Associate Professor	Design and development of rapid screening tool for prognosis of eye diseases using deep learning models	16 December 2020	45,430/-
96	Dr. O. Obulesu	CSE	Associate Professor	Design and development of rapid screening tool for prognosis of eye diseases using deep learning models	16 December 2020	45,430/-
97	V. Seshabhargavi	IT	Assistant Professor	A proposal for establishment of laboratory for imaging vision and Artificial Intelligence	17 December 2020	45,430/-
98	Mr. A. Chandra Shaker	ETE	Assistant Professor	Smart College Bus Transport System	02 February 2021	11,260/-
99	Dr. M. Seetha	CSE	Professor	Establishment of AI-ML research lab Sanctioned under Microbicide-AQIS Scheme	03 February 2021	2,63,330/-
100	SmithaMahindrakar	H&M	Assistant Professor	CSR in Indian industry COVID -19 impact way forward	10 February 2021	7,760/-
101	Dr. B. Venkateshulu, Dr. K. Ragini & Dr. SwapnaRaghunath	ECE	Prof.&HoD Prof. Associate Professor	Automatic Hand Sanitizer", "Lora Smart City" and "Design of High Performance Approximate Redundant Binary Multiplier using 4:2,5:2,7:2 Compressors	25 February 2021	2,59,544/-
102	C. Padmaja	ECE	Assistant Professor	Device to Externally Monitor and Analyze fetus Heart rate at Home	19 March 2021	14,760/-
103	Ms. P. Mamta	EEE	Assistant Professor	Analytical approach to diagnose depression levels in adolescents based on ECG signal and artificial intelligence.	25 March 2021	8,760/-
					Total in Rs.	: 24,26,820/-

Dr. N. Kalyani
Prof. CSE Department
(R&D Coordinator)

Dr. K. Ramesh Reddy
(Principal)
G. Narayanamma Institute of
Technology & Science (for woman)
(AUTONOMOUS)
Shaikhet, Hyderabad - 500 104.