



NRI INSTITUTE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi: Permanently Affiliated to JNTUK, Kakinada
Accredited by NAAC with "A" GRADE, Accredited by NBA (CSE, ECE&EEE)

An ISO 9001:2015 Certified Institution

Pothavarappadu (V), Agiripalli (M), Eluru District, A.P., India, Pin: 521 212

URL: www.nriit.edu.in, email: principal@nriit.edu.in, Mobile: +91 8333882444



Seed Money Provided to Teachers for Research

S.NO.	Name of the Teacher Provided with Seed Money	Title of the Project	Duration	Date of grant	Amount granted (INR in Lakhs)
1.	Dr. P. Rama Koteswara Rao	Skill Development Frame wok for Intellectual disabled school children through blue tooth low energy band context aware communication system	3 Years	13-06-2018	0.3
2.	Dr. K.V. Sambasivarao	Modernization of database management systems lab to data science and machine learning lab	3 Years	13-06-2018	0.4
3.	Dr. Y. Sushma	Contextual data object caching system for data aware networking	3 Years	13-06-2018	0.15
4.	Mrs. D. Suneetha	Contextual data object caching system for data aware networking	3 Years	13-06-2018	0.15
5.	Dr. K.V. Sambasivarao	Design and development of a Smart Wearable Exoskeleton Suite for patient Monitoring and rehabilitation through Machine Learning and Fuzzy Logic	3 Years	10-06-2019	0.35
6.	Dr. Ch. Surya Kiran	Designing of Data Centric Computer system using Data Awareness networks to process huge data for public	3 Years	10-06-2019	0.45
7.	Dr. D. Ratna Kishore	Design and development of automated speech recognition device using artificial neural networks	3 Years	10-06-2019	0.4
8.	Dr. D. Suneetha	Transmission and Exchanging of Information in Human Cerebral Cortex using Wavelet Entropy Technique and Cross Mutual Information	3 Years	10-06-2019	0.45
9.	Dr. Koneru Sowmya	Detection of information transmission in human cerebral Cortex based on entropy using Mutual Information	3 Years	10-06-2019	0.4
10.	Dr.M. Chaitanya Kishore	Information Transmission in Human Cerebral Cortex using Wavelet Entropy and Cross Mutual Information	3 Years	10-06-2019	0.45
11.	Dr. P. Rama Koteswara Rao	Zero Budget of Natural Farming(ZBNF) in Drought effected villages in Andhra Pradesh Body Temperature	2 Years	10-06-2019	0.45
12.	Dr. V Ramesh Babu	Metal insulator metal based nano photonic devices	2 Years	10-06-2019	0.4



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13.	Dr. K. Prathyusha	Social distancing & Anti-Riot drone with Tear gas	2 Years	10-06-2019	0.35
14.	Dr.V. Ramesh Babu	Parkinson's disease detection using modified ResNext deep learning model form brain MRI IMAGES	2 Years	10-06-2019	0.4
15.	Dr. K. Swathi	Medical ultra sound image segmentation with deep learning models	6 Months	10-06-2019	0.4
16.	Dr. K. Prasada Rao	Fabrication of Muffle Furnace for Melting and Heating (SDMES)	3 Months	10-06-2019	0.45
17.	Dr. Ch. Sukesh Babu	Design and Fabrication of Multipurpose 3D Printer (SDMES)	63Months	10-06-2019	0.4
18.	K. Sravan Sai Kumar	Affordable Smart Solar Sunflower with dual axis sun tracking for islanded micro grid operations	1 Year	10-06-2019	0.35
19.	Dr. N. Sambasiva Rao	Development of Solar PV & Bio-Gas Standalone/Grid assisted Hybrid Energy System for Rural Electrification-Climate change adaptation	1 Year	10-06-2019	0.45
20.	Dr. CH. Hema Venkata Sivasree	An Assessment of changing economic conditions of selected slums in Krishna district	2 Years	10-06-2019	0.4
21.	Dr. P. Vasavi	A study on bridging the gap of digital divide in Krishna region with reference to women	2 Years	10-06-2019	0.4
22.	Dr. B. Hima Lakshmi	Impact of Women Education on Rural Economic Development: A Study in Andhra Pradesh State	2 Years	10-06-2019	0.4
23.	Dr. N V Surendra Babu	PMKVY-T1	1 Year	10-06-2019	0.4
24.	Dr. M. Babu Prasad	Near Rings	1 Year	10-06-2019	0.35
25.	Dr.SK. S. Begum	Materials for Energy Storage	3-Years	10-06-2019	0.4
26.	Dr. K.V. Sambasivarao	Development of an economic and versatile soft exoskeleton suite for health care and rehabilitation management	3 Years	08-06-2020	0.35
27.	Dr. Koneru Sowmya	Automated Speech Recognition Analysis System - To Recognize Human Activities in Healthcare Territory.	3 Years	08-06-2020	0.4
28.	Dr.Ch. Surya Kiran	Diabetes Disease Prediction Using Machine Learning Algorithms	3 Years	08-06-2020	0.4
29.	Dr. D. Suneetha	An Alternative Communication System for Children with Intellectual Disabilities	3 Years	08-06-2020	0.4
30.	Dr. K. Swathi	Scale image fusion through Laplacian pyramid and deep convolutional neural network	3 Years	08-06-2020	0.45



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31.	Dr. P. Rama Koteswara Rao	Solar Power Fencing for Crop Protection from Monkey Menace and Domestic / Wild Animals for Farmers	2 Years	08-06-2020	0.4
32.	Dr. K. Prathyusha	An effective android-based bus live tracking system using ARDUINO	3 Years	08-06-2020	0.45
33.	Dr. V. Ramesh Babu	On Processing of brain tumor images for detection segmentation and compression	3 Years	08-06-2020	0.4
34.	Dr. M. Chaitanya Kishore Reddy	Agent based modelling of malaria transmission	6 Months	08-06-2020	0.35
35.	Dr. K. Prasada Rao	Plastic Roads use of Detritus plastics in Road Construction (SDMES)	3 Months	08-06-2020	0.4
36.	Dr. N. Samba Siva Rao	Analysis of hybrid transmission tower for reducing RoW	1 Year	08-06-2020	0.35
37.	Dr.Ch. Hema Venkata Siva Sree	Women's health in India-issues and concerns	2 Years	08-06-2020	0.4
38.	Dr. Sudheer Chalasani	ICSSR - Introducing Mother Tongue as a Medium of Instruction in Technical Education and IT impact on Students, A survey on Selected Students	2 Years	08-06-2020	0.4
39.	Dr. N.V. Surendra Babu	Development of Online Assessment Platform	6 Months	08-06-2020	0.45
40.	Dr. G. Adilakshmi	Startup research grant	3 Years	08-06-2020	0.4
41.	Dr. K.V. Sambasivarao	Design and development of a low-cost, adaptable soft fabric exoskeleton for patient monitoring and rehabilitation	3 Years	21-06-2021	0.4
42.	Dr. D. Suneetha	Image fusion through Laplacian pyramid and deep convolutional neural network on thermal images	3 Years	21-06-2021	0.35
43.	Dr. Ch. Surya Kiran	Balancing security and privacy with data usefulness and efficiency in wireless sensor networks	3 Years	21-06-2021	0.4
44.	Dr. P. Rama Koteswara Rao	Economic empowerment tribal women with eco-friendly products through entrepreneur development in Krishna District	2 Years	21-06-2021	0.35
45.	Dr. M. Purna Kishore	Popularization and dissemination of Science & Technology camp for students	2 Years	21-06-2021	0.3
46.	Dr. K. Prathyusha	Secured Mutual authentication protocol using physical unclonable function for IOT smart home devices	2 Years	21-06-2021	0.35
47.	Dr..S.V Rama Rao	Developing a hybrid gravitational search algorithm and genetic algorithm (hybrid GSA-GA) for enhancing the performance of smart antenna systems	3 Years	21-06-2021	0.3



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48.	Dr. N. Sambasiva Rao	Application of IoT for Hybrid Electric Vehicles	6 Months	21-06-2021	0.4
49.	Dr. Sudheer Chalasani	A study on Blending Remote Teaching and Learning Strategies among Urban and Rural Colleges in the state of Andhra Pradesh, A on to solution to COVID-19 CRISIS	1 Year	21-06-2021	0.3
50.	Dr. N. V. Surendra Babu	Communication Skills (SVAR) Enhancement	6 Months	21-06-2021	0.35
51.	Dr. D. Suneetha	Designing of Data Centric Computing System Using Data Aware Networks	3 Years	23-06-2022	0.4
52.	Dr. G. Shobana	Computer Enabled Continuous and Comprehensive Evaluation (CCE) using Adaptive Learning Technologies	3 Years	23-06-2022	0.35
53.	Dr. K.V.Sambasivarao	Economic empowerment of tribal women with eco-friendly products through entrepreneurial development in Krishna district	3 Years	23-06-2022	0.35
54.	Dr. Rama Koteswara Rao	Automated Hydroponic Farming with optimal Resources for landless poor People	3 Years	23-06-2022	0.4
55.	Dr. S.V Rama Rao	Design and Synthesis of Conformal Array Antenna for Future Wireless Communication Systems in the Multipath Urban Environment	3 Years	23-06-2022	0.35
56.	Dr. G. Adilakshmi	Core Research Grant	3 Years	23-06-2022	0.4
57.	Dr. N.V. Surendra Babu	Bacrylas -Pune GTT Foundation Life skills Programme	3 Months	23-06-2022	0.4
58.	Dr. S.Sudhakar Babu	Manufacturing of Multipurpose Ploughing Machine (SDMES)	3 Months	23-06-2022	0.35

I.Q.A.C. Coordinator

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POTHAVARAPPADU (V), Agiripalli
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