



Estd.1995

**VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI
INSTITUTE OF ENGINEERING AND TECHNOLOGY**
An Autonomous Institute, NAAC Accredited with 'A' Grade
NBA Accredited for CE, EEE, ME, ECE, CSE, EIE, IT B.Tech Courses
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC
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TOTAL GRANT SANCTIONED – Rs.276.23 Lakhs

S.No.	Year	No. of projects	Amount (Rs. in Lakhs)
1	2012-13 to 2017-18	25	209.08
2	Before 2012-13	06	67.15

List of Ongoing Projects (No. of projects – 09, Fund amount – Rs. 108.56 Lakhs)

S.No	Project title	Funding Agency	Principal Investigator	Sanctioned amount Rs. (in Lakhs)
1.	Cough and Wheeze analyzer for Respiratory Digital Health Services	Biotechnology Industry Research Assistance Council (BIRAC)	Mr.SVN Narayana Rao, Dr.Y.Padma Sai, Mr.V.Naveenkumar	15.00
2.	Digital Health Advisory System for Chronic Respiratory Diseases	IISc - MSME Center of Excellence	Mr.SVN Narayana Rao, Dr.Y.Padma Sai, Mr.V.Naveenkumar	6.75
3.	Semi-Automatic Prosthetic hand	IISC-MSME	Mr.SVN Narayana Rao, Mr.K.Ram Mohan Reddy, Mr.N.Mano Satya Sai	1.90
4.	Development and Implementation of Automized System for the detection of Sleep Disorders using EEG Analysis	UGC Minor	Mr. Vijaya Kumar Gurrala	4.40
5.	Development of low power and high speed FPGA based IP core mini Ace architecture compatible to data device corporation	AICTE/RPS	Dr.C.D.Naidu Mr. P.Kishore	14.35
6.	Student Design and Experiential Learning center	AICTE/PCTE	Dr.C.D.Naidu	13.14
7.	Development of effective Wireless sensor Network System for Water quality and quantity monitoring (AquaSense) (in Collaboration with HCU & IITH)	ITRA	Dr. C. D. Naidu	30.18
8.	Virtual Assistant for Mobile Devices using Voice and Gesture Technologies (in Collaboration with IITH)	ITRA	Dr.Y.PadmaSai	18.14
9.	Fund for improvement of S&T infrastructure	DST	Dr.C.D.Naidu Dr.Y.PadmaSai Mr.S.K.Sharif	4.70

List of Completed Projects (No. of projects – 23, Fund amount – Rs. 167.67Lakhs)

S.No	Project title	Funding Agency	Principal Investigator	Sanctioned amount Rs. (in lakh)
1.	Weapon Locking & Tracking System (WLTS)	ARDE, DRDO	Mr. V.Naveen Kumar	9.90
2.	Development & Implementation of Algorithm Real Time Home Automation System to ASSI ED Patients Eye Blinking	UGC minor	Dr. L. Padma Sree	3.00
3.	Prototyping of Wireless Network System on Agricultural Applications using Zigbee	UGC minor	Mrs. G.Sahitya	3.25
4.	Trends in wireless communication Technology and Evolution of simulation tools	AICTE/FDP	Dr.L.PadmaSree Mrs.K.B.Archana	5.80
5.	ROI Booster	Mira Consulting Inc Sdn Bhd, Kuala Lumpur	Mr.S.V.N. Narayana Rao	7.80
6.	IP Core Development of MIL STD 1553 for RT and MT terminals	Ananth Technologies	Dr.Y.PadmaSai Dr. L.Padmasree Mr.P.Kishore Mr.K.Sarathchandra	4.24
7.	Statistical Signal Processing (National Mission project on Pedagogy -Main Phase) in Collaboration with IITH	IIT KGP	Dr. Y. Padma Sai	7.00
8.	Basic Electronics (National Mission project on Pedagogy -Main Phase) in Collaboration with IITH	IIT KGP	Dr. L. Padma Sree	7.00
9.	Travel Grant (2013 Int. Telemetry Conf. (ITC)held in Nevada (USA) from 21-10-2013To24-10-2013)	DST (SERB)	Dr.Y.PadmaSai	1.12
10.	Design and Development of System for ECG waveform characterization and processing	AICTE/RPS	.Dr.Y.PadmaSai Mrs.L.V.RajiniKumari	8.25
11.	Advanced Digital Signal Processing and Processors Lab	AICTE /	Dr.Y.PadmaSai	9.00

		MODROBS		
12.	VLSI Design” during 20th May-1st June 013	AICTE/ FDP	Dr.Y.PadmaSai. Dr.L.Padma Sree	4.91
13.	Real Time Embedded System Development	AICTE/ FDP	Dr.Y.PadmaSai Dr. V.Padmaja	4.80
14.	Upgradation of VLSI and ECAD Lab	AICTE/ MODOROBS	Dr.N.Balaji Dr.Y.PadmaSai	9.45
15.	Upgradation of Microprocessors and Microcontrollers Laboratory	AICTE/ MODOROBS	Dr.V.Padmaja Dr.P.Srihari	5.00
16.	Industry Institute Partnership Cell	AICTE/ IIPC	Mr.N.Balaji	10.00
17.	Automated Commando Training System	Greyhounds, AP Police, Hyderabad	A.Narmada	8.52
18.	Mobile Image position and performance acquisition system	M/s X _ Design Ventures, Hyderabad	Dr.N.Balaji	26.77
19.	Intelligent and Intuitive Signaling System for On-road Driver assistance	M/S Drive Lozics	Mr.V. Naveen Kumar	6.00
20.	FM Based Switch for Street Light Control	M/s X _ Design Ventures, Hyderabad	Mrs.K.ArchanaBhange Mrs.K.Radha	6.00
21.	Communications Laboratory	AICTE/MOD ROBS	Dr.P.Srihari	15.00
22.	Real Time Signal & Image Processing	AICTE/SDP	Dr.Y.PadmaSai	4.86