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**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**

Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.

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**Completed and Sanctioned Funded Projects (2012-13 to 2018-19) – Total Amount Sanctioned -- Rs. 322.26 Lakhs**

<b>S.No</b>	<b>Year</b>	<b>No. of Projects</b>	<b>Sanctioned Amount (Rs. In Lakhs)</b>
	<b>2020-21</b>	<b>01</b>	<b>9.96</b>
	<b>2018-19</b>	<b>03</b>	<b>100.40</b>
	<b>2017-18</b>	<b>03</b>	<b>23.65</b>
	<b>2016-17</b>	<b>01</b>	<b>4.40</b>
	<b>2015-16</b>	<b>02</b>	<b>27.49</b>
	<b>2014-15</b>	<b>05</b>	<b>29.75</b>
	<b>2013-14</b>	<b>07</b>	<b>75.20</b>
	<b>2012-13</b>	<b>07</b>	<b>51.41</b>
	<b>Total</b>	<b>29</b>	<b>322.26</b>



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<b>S.No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>Sanctioned amount Rs. (in lakh)</b>	<b>Duration</b>	<b>Status</b>
1	Design and Development of Prototype for Secure Weapon Shooting Information System	ARDE, DRDO	Mr. V.Naveen Kumar	15/05/2020	9.90	1 Year 6 months	On going



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**Sanctioned/Completed Funded Research & Development Projects (2018-19) - Total Amount sanctioned -- 100.40 Rs. Lakhs**

<b>S.No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>Sanctioned amount Rs. (in lakh)</b>	<b>Duration</b>	<b>Status</b>
1	Self Learning Prosthetic Hand based on voice commands	BIRAC – Biotechnology Ignition Grant(BIG) Scheme	Mr.SVN Narayana Rao, Dr.Y.Padma Sai, Mr. N.Mano Satya Sai	19-02-2019	44.80	1 Year 6 Months	On going
2	Developing a VR tour for Warangal Heritage sites	HRIDAY	Dr.C.D.Naidu, Mr. D. Ramesh Reddy	29-12-2018	10.00	1 Year	Completed
3	Digital Health Advisory System for Chronic Respiratory Diseases	BIRAC – Biotechnology Ignition Grant(BIG) Scheme	Mr.SVN Narayana Rao, Dr.Y.Padma Sai, Mr.V.Naveenkumar	20-12-2018	45.60	1 Year 6 Months	On going



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**Sanctioned/Completed Funded Research & Development Projects (2017-18) - Total Amount sanctioned -- Rs.23.65 Lakhs**

S.No	Project title	Funding Agency	Principal Investigator	MOU date	Sanctioned amount Rs. (in lakh)	Duration	Status
1	Cough and Wheeze analyzer for Respiratory Digital Health Services	Biotechnology Industry Research Assistance Council (BIRAC – Soch)	Mr.SVN Narayana Rao, Dr.Y.Padma Sai, Mr.V.Naveenkumar	19-03-2018	15.00	6 months	Completed
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	29-01-2018	6.75	1 Year	Completed
3	Semi-Automatic Prosthetic Hand	IISc - MSME Center of Excellence	Mr.SVN Narayana Rao, Mr.K.Ram Mohan Reddy	12-06-2017	1.90	1 Year	Completed



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**Sanctioned/Completed Funded Research & Development Projects (2016-17) - Total Amount sanctioned -- Rs.4.40 Lakhs**

<b>S.No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>Sanctioned amount Rs. (in lakh)</b>	<b>Duration</b>	<b>Status</b>
1	Development and Implementation of Automized System for the detection of Sleep Disorders using EEG Analysis	UGC Minor	Mr. Vijaya Kumar Gurrala	26/03/2017	4.40	2 Years	On going



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**Sanctioned/Completed Funded Research & Development Projects (2015-16) - Total Amount Sanctioned -- Rs.27.49 Lakhs**

<b>S.No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>Sanctioned amount Rs. (in lakh)</b>	<b>Duration</b>	<b>Status</b>
1	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	14/08/2015	14.35	3 Years	On going
2	Student Design and Experiential Learning center	AICTE/PCTE	Dr.C.D.Naidu	14/01/2016	13.14	3 Years	On going



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**Sanctioned/Completed Funded Research & Development Projects (2014-15) - Total Amount Sanctioned – Rs. 29.75 Lakhs**

Sl. No	Project title	Funding Agency	Principal Investigator	MOU date	Sanctioned amount Rs. (in lakh)	Duration	Status
1	Weapon Locking & Tracking System (WLTS)	ARDE, DRDO	Mr. V.Naveen Kumar	15/07/2014	9.90	1.2 Years	Completed
2	Development & Implementation of Algorithm Real Time Home Automation System to ASSISTED Patients Eye Blinking	UGC minor	Dr. L. Padma Sree	16/08/2014	3.00	2 Years	Completed
3	Prototyping of Wireless Network System on Agricultural Applications using Zigbee	UGC minor	Mrs. G.Sahitya	16/08/2014	3.25	2 Years	Completed

4	Trends in wireless communication Technology and Evolution of simulation tools	AICTE/FDP	Dr.L.PadmaSree Mrs.K.B.Archan a	18/11/2014	5.80	1 Year	Completed
5	ROI Booster	Mira Consulting Inc Sdn Bhd, Kuala Lumpur	Mr.S.V.N. Narayana Rao	16/03/2015	7.80	1 Year	Completed





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**Sanctioned/Completed Funded Research & Development Projects (2013-14) -Total Amount Sanctioned – Rs.75.20 Lakhs**

<b>Sl. No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>amount Rs. (in lakhs)</b>	<b>Duration</b>	<b>Status</b>
<b>1</b>	Development of effective Wireless sensor Network System for Water quality and quantity monitoring (AquaSense) (in Collaboration with HCU & IIITH)	ITRA	Dr. C. D. Naidu	20/09/2013	33.00	3 Years	On going
<b>2</b>	Virtual Assistant for Mobile Devices using Voice and Gesture Technologies (in Collaboration with IIITH)	ITRA	Dr.Y.PadmaSai	20/09/2013	18.14	3 Years	Completed
<b>3</b>	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.Sarath	07/10/2013	4.24	1 Year	Completed
<b>4</b>	Statistical Signal Processing (National Mission project on Pedagogy -Main Phase) in Collaboration with IIITH	IIT KGP	Dr. Y. Padma Sai	06/01/2014	7.00	2 Years	Completed
<b>5</b>	Basic Electronics (National Mission project on Pedagogy -Main Phase) in Collaboration with IIITH	IIT KGP	Dr. L. Padma Sree	06/01/2014	7.00	2 Years	Completed
<b>6</b>	Fund for improvement of S&T infrastructure	DST	Dr.C.D.Naidu Dr.Y.PadmaSai Mr.S.K.Sharif	27/09/2013	4.70	5 Years	On going

7	Travel Grant (2013 Int. Telemetering Conf. (ITC)held in Nevada (USA) from 21-10-2013 To24-10-2013 )	DST (SERB)	Dr.Y.PadmaSai	16/09/2 013	1.12	1 Year	Completed
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**Sanctioned/Completed Funded Research & Development Projects (2012-13)-Total Amount Sanctioned – Rs. 51.41 Lakhs**

<b>Sl. No</b>	<b>Project title</b>	<b>Funding Agency</b>	<b>Principal Investigator</b>	<b>MOU date</b>	<b>amount Rs. (in lakh)</b>	<b>Duration</b>	<b>Status</b>
<b>1</b>	Design and Development of System for ECG waveform characterization and processing	AICTE/RPS	Dr.Y.PadmaSai Mrs.L.V.RajiniKumari	14/02/2013	8.25	3 Years	Completed
<b>2</b>	Advanced Digital Signal Processing and Processors Lab	AICTE / MODROBS	Dr.Y.PadmaSai	27/02/2013	9.00	1year	Completed
<b>3</b>	VLSI Design during 20th May-1st June 013	AICTE/ FDP	Dr.Y.PadmaSai. Dr.L.Padma Sree	12/12/2012	4.91	I year	Completed
<b>4</b>	Real Time Embedded System Development	AICTE/ FDP	Dr.Y.PadmaSai Dr. V.Padmaja	20/02/2013	4.80	3 years	Completed
<b>5</b>	Upgradation of VLSI and ECAD Lab	AICTE/ MODOROBS	Dr.N.Balaji Dr.Y.PadmaSai	27/02/2013	9.45	2 Years	Completed

<b>6</b>	Upgradation of Microprocessors and Microcontrollers Laboratory	AICTE/ MODOROBS	Dr.V.Padmaja Dr.P.Shrihari	06/03/2012	5.00	1 Year	Completed
<b>7</b>	Industry Institute Partnership Cell	AICTE/ IIPC	Dr.N.Balaji	31/03/2011	10.00	2 Years	Completed