



# VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

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

## Department of Computer Science and Engineering

### Sponsored Research Projects

<b>2022- 23</b>				
<b>S.No</b>	<b>Project Title</b>	<b>Duration</b>	<b>Funding Agency</b>	<b>Amount (in Rupees)</b>
1	Development of an Autonomous tool for detecting bolt loosening in Steel Structures using Machine Vision and Deep Learning	36 Months	SERB-SURE	Amount Sanctioned - 2408000
<b>2021- 22</b>				
2	Design and Development of night vision mapping LIDAR and laser 3-D imaging system for home land security and other surveillance applications in defence	36 Months	DRDO ER&IPR	Amount Sanctioned - 71,28,600
<b>2020- 21</b>				
3	Scheme for Promoting Interests, Creativity and Ethics among Students(SPICES)	12 Months	AICTE	Amount Sanctioned - 1,00,000
<b>2019-20</b>				
4	Design and development of Prototype for secure Weapon shooting Information system	18Months (2020-2022)	DRDO(CARS)	Amount Sanctioned - 9,96,000
5	Modeling Distributed databases using Ontology	(12+6)Months (2019-2021)	TEQUIP III JNTUH	Amount Sanctioned - 3,00,000
6	Detection of Fraudulent water Pipes under the	(12+6)Months		Amount Sanctioned - 2,90,000

	Ground using Ground Penetrating Rader (GPR) and 3-D image Processing Technique	(2019-2021)	TEQUIP III JNTUH	
7	Identification of Sickle cell Anemia using Deep Neural Network	(12+6)Months (2019-2021)	TEQUIP III JNTUH	Amount Sanctioned - 3,00,000

**2018-19**

8	Skill and Personality Development Program Centerfor SC/ST	36 Months (2018-2021)	AICTE	Amount Sanctioned -15,63,000
<b>2017-18</b>				
9	Development of a Tool to Predict Mechanical Properties of Steel by Exploring Data Science Techniques	24 Month	AICTE	Amount Sanctioned - 4,27,176
10	A Data Mining Approach for the Efficient Detection of Brain Tumor Disease	24 Months	UGC	Amount Sanctioned - 65,000



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#### Consultancy (from Industry)

S.No	Project Title	Duration	Funding Agency	Amount in Rs
<b>2023-24</b>				
1	Conduction of OnlineExaminations	1 year	Aptech Private Ltd	49206
2	Conduction of OnlineExaminations	1 year	National Test Agency, ACITE	20312
3	Conduction of OnlineExaminations	1 year	Testpan India Pvt Ltd	34692
4	Conduction of OnlineExaminations	1 year	TCS Ion	980096.79
5	Under water Mine and obstacle detection utilizing IOT Technology	1 Year	MSME	1500000
<b>2022-23</b>				
1	Conduction of OnlineExaminations	1 Year	TCS Ion	589453.72
2	Conduction of OnlineExaminations	1 Year	Aptech Private Ltd	29736
3	Conduction of OnlineExaminations	1 Year	Violetflame Infosystems Private Limited	43707
4	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	20650
5	Software Application Development	1year	Unplatforms Technologies Pvt. Ltd	2000000
6	IoT and Machine Learning-based Precise Germination Prediction to Access the Quality of Grains for Different Crops.	1 Year	MSME	1500000
<b>2021-22</b>				
1	Conduction of OnlineExaminations	1 Year	TCS Ion	1008741
2	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	10620
<b>2020-2021</b>				

2	Conduction of OnlineExaminations	1 Year	TCS Ion	463496
3	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	6136
<b>2019-2020</b>				
4	Conduction of Onlinexaminations	1 Year	TCS Ion	1005443.2
<b>2018-2019</b>				
5	Conduction of OnlineExaminations	1 Year	TCS Ion	958176
6	Developing VR project forWarangalHeritage places	1 Year	KUDA HRIDAY	1000000
7	White board animation video	1 Year	Anika WelfareSociety	100000
<b>2017-2018</b>				
8	Conduction of Online Examinations	1 Year	TCS Ion	958951