VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHIINSTITUTE OF ENGINEERING AND TECHNOLOGY

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

Estd.1995

Department of Computer Science and Engineering

Sponsored Research Projects

2022- 23			
S.No	**Project Title**	**Duration**	**Funding Agency**	**Amount (in Rupees)**
1	Development of an Autonomous tool for detecting bolt loosening in Steel Structures using Machine Vision and Deep Learning	3 Years	SERB-SURE	Amount Sanctioned - 24.08

2021- 22			
S.No	**Project Title**	**Duration**	**Funding Agency**	**Amount (in Rupees)**
1	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

2020- 21			
1	Scheme for Promoting Interests, Creativity and Ethics among Students(SPICES)	12 Months	AICTE	Amount Sanctioned – 1,00,000

2019-20			
	Project Title	**Duration**	**Funding Agency**	**Amount (in Rupees)**
2	Design and development of Prototype for secure Weapon shooting Information system	18Months (2020-2022)	DRDO(CARS)	Amount Sanctioned - 9,96,000

3	Modeling Distributed databases using Ontology	(12+6)Months (2019-2021)	TEQUIP III JNTUH	Amount Sanctioned – 3,00,000
4	Detection of Fraudulent water Pipes under the Ground using Ground Penetrating Rader (GPR) and 3-D image Processing Technique	(12+6)Months (2019-2021)	TEQUIP III JNTUH	Amount Sanctioned – 2,90,000
5	Identification of Sickle cell Anemia using Deep Neural Network	(12+6)Months (2019-2021)	TEQUIP III JNTUH	Amount Sanctioned – 3,00,000
6	Grant for Organizing a Conference	1 Year	AICTE	Amount Sanctioned – 5,00,000

2018-19

7	Skill and Personality Development Program Centerfor SC/ST	36 Months (2018-2021)	AICTE	Amount Sanctioned –15,63,000
		2017-18		
8	Development of a Tool to Predict Mechanical Properties of Steel by Exploring Data Science Techniques	24 Month	AICTE	Amount Sanctioned – 4,27,176
		2016-17		
9	A Data Mining Approach for the Efficient Detection of Brain Tumor Disease	24 Months	UGC	Amount Sanctioned –65,000 Amount
10	Design of Hybrid Data Mining Techniques for Effective Retrieval of Information from Cloud based Applications	24 Month	UGC	Amount Sanctioned –80,000 Amount

11	Development of Efficient Wireless Sensor Networks (ITRA AquaSense Project)	60 Month	Media Lab Asia	Amount Sanctioned – 33,00,000

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Consultancy(from Industry)

S.No	Project Title	Duration	Funding Agency	Amount in Rs
2022-23				
1	Conduction of OnlineExaminations	1 Year	TCS Ion	508478
2	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	20650
2021-22				
1	Conduction of OnlineExaminations	1 Year	TCS Ion	1008741
2	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	10620
2020-2021				
2	Conduction of OnlineExaminations	1 Year	TCS Ion	463496
3	Conduction of OnlineExaminations	1 Year	CodeChef ADirecti Educational Initiative	6136
2019-2020				
4	Conduction of Onlinexaminations	1 Year	TCS Ion	1005443.2
2018-2019				
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
2017-2018				
8	Conduction of Online Examinations	1 Year	TCS Ion	958951