

Mandatory Disclosure



**All India Council for Technical
Education**

**VIGNAN'S INSTITUTE OF
INFORMATION
TECHNOLOGY**
An Autonomous Institution



**Beside VSEZ, Duvvada,
Visakhapatnam, Andhra Pradesh -
530049**

1. Name of the Institute	Vignan's Institute of Information Technology (Autonomous) Beside VSEZ, Near Duvvada Railway Station, Visakhapatnam -530049, Andhra Pradesh, India. Tel : 0891-2755333/222/111 Mobile : 9866399921 Email : vignaniit@yahoo.com
2. Name and Address of the Society	Lavu Educational Society 4/7 Brodipet Guntur, 5-37-213, GUNTUR (U) – 22002. Andhra Pradesh, India. Tel : 0863-2231326 Email: lesguntur1990@gmail.com.
3. Name and Address of the Principal	Dr. J. Sudhakar, Principal, Vignan's institute of Information Technology (A) Beside VSEZ, Duvvada, Visakhapatnam – 530049 Tel: 0891-2755333/222/111. Mobile: 9052066699. Email : vignaniit@yahoo.com
4. Name of the Affiliating University	Jawaharlal Nehru Technological University, Gurajada, Vizianagaram
5. Governance	
i) Organizational Chart	https://www.vignaniit.edu.in/aicte/organisation%20chart.jpg
ii) Grievance Redressal Mechanism for Faculty, staff and students	
iii) Establishment of Anti-Ragging Committee	https://vignaniit.edu.in/arc.php
iv) Establishment of online Grievance Redressal Mechanism	https://vignaniit.edu.in/grc.php
v) Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University	05.06.2018
vi) Establishment of Internal Committee (IC)	https://vignaniit.edu.in/icc.php
vii) Establishment of Committee for SC/ST	https://vignaniit.edu.in/scstc.php
viii) Internal Quality Assurance Cell	https://vignaniit.edu.in/iqac.php

6. Programmes			
i) Name of Programmes approved by AICTE	Engineering and Technology, Management, Master of Computer Applications		
	UNDER GRADUATE		
	ARTIFICIAL INTELLIGENCE AND DATA SCIENCE CIVIL ENGINEERING COMPUTER SCIENCE AND ENGINEERING COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE) COMPUTER SCIENCE AND ENGINEERING (CYBER SECURITY) COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE) ELECTRICAL AND ELECTRONICS ENGINEERING ELECTRONICS & COMMUNICATION ENGG ELECTRONICS AND COMPUTER ENGINEERING INFORMATION TECHNOLOGY MECHANICAL ENGINEERING		
	POST GRADUATE		
	MACHINE DESIGN TRANSPORTATION ENGINEERING INFORMATION TECHNOLOGY POWER AND INDUSTRIAL DRIVES COMPUTER SCIENCE AND ENGINEERING VLSI AND EMBEDDED SYSTEMS ELECTRONICS & COMMUNICATION ENGG ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING MASTERS IN BUSINESS ADMINISTRATION MASTERS IN COMPUTER APPLICATIONS		
ii) Name of Programmes Accredited by NBA	Status of Accreditation of the Courses		
	Total number of Courses	UG - 11 PG (M.Tech) - 8 PG- (MBA) - 1 PG- (MCA) - 1	
	No. of Courses for which Accredited by NBA	5	1. COMPUTER SCIENCE AND ENGINEERING 2. ELECTRONICS & COMMUNICATION ENGG 3. ELECTRICAL AND ELECTRONICS ENGINEERING 4. INFORMATION TECHNOLOGY 5. MECHANICAL ENGINEERING
	Status of Accreditation	Accredited with NBA from 2020-2023	

Details of each UG Programme										
Name		ARTIFICIAL INTELLIGENCE AND DATA SCIENCE								
Number of seats		120								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	25058			24319			21950		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	NA			NA			NA		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		-	-	-	-	-	-	-	-	-

Details of each UG Programme										
Name		CIVIL ENGINEERING								
Number of seats		120								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	83183			164540			106862		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	112			111			110		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.0	6.6	2.14	1.2	5.6	2.79	1.2	10.0	2.65

Details of each UG Programme										
Name		ELECTRICAL AND ELECTRONICS ENGINEERING								
Number of seats		120								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	92565			79783			113442		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	142			136			163		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		3.65	4.25	4.11	1.57	6.58	3.63	1.46	6.0	3.21

Details of each UG Programme										
Name		ELECTRONICS & COMMUNICATION ENGG								
Number of seats		180								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	30959			34018			19519		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	158			141			172		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.86	14.0	4.31	1.46	7.0	3.92	1.46	12.0	3.42

Details of each UG Programme										
Name		ELECTRONICS AND COMPUTER ENGINEERING								
Number of seats		60								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	41190			52003			35995		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	34			40			41		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.92	17.0	4.45	2.5	8.0	4.28	1.46	5.16	3.49

Details of each UG Programme										
Name		INFORMATION TECHNOLOGY								
Number of seats		180								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	33288			33420			18628		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	52			51			47		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.8	12.21	5.04	1.44	9.5	4.23	1.57	7.0	4.29

Details of each UG Programme										
Name		MECHANICAL ERNGINEERING								
Number of seats		180								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	148640			168500			108447		
Fee (INR)		57200			52000			52000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	192			204			186		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.2	13.4	3.85	1.2	10.0	3.66	1.2	10.0	3.02

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Details of each PG Programme										
Name		VLSI AND EMBEDDED SYSTEMS								
Number of seats		18								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	-			-			-		
Fee (INR)		43000			35000			35000		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	NA			NA			NA		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		-	-	-	-	-	-	-	-	-

Details of each PG Programme										
Name		Master of Business Administration								
Number of seats		120								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	30111			35393			32708		
Fee (INR)		47500			44700			44700		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	90			86			93		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.92	12.78	3.85	1.85	13.0	3.98	1.57	12.0	3.27

Details of each PG Programme										
Name		MASTERS IN COMPUTER APPLICATIONS								
Number of seats		120								
Duration		Four Years								
Cut off marks/rank of admission during the lastthree years	Test	EAMCET								
	Year	2023			2022			2021		
	Rank	7782			4994			6217		
Fee (INR)		47500			44700			44700		
Placement Facilities		As per AICTE Requirements completed								
Campus placement in lastthree years with minimum salary, maximum salaryand average salary	Year	2023			2022			2021		
	Placement Students (No.s)	38			48			35		
	Salary	Min	Max	Avg	Min	Max	Avg	Min	Max	Avg
		1.8	6.0	3.05	1.44	6.0	3.42	1.2	12.31	3.46

7. Faculty
Course/Branch wise list Faculty Members
Permanent Faculty
Adjunct Faculty
Permanent Faculty: Student Ratio

S.No.	Branch	Permanent faculty	Adjunct Faculty	Permanent Faculty : Student Ratio
1	CE	18	0	01:25
2	EEE	42	3	01:14
3	ME	55	3	01:13
4	ECE	46	0	01:14
5	CSE	58	0	01:19
6	IT	15	0	01:14
7	ECM	10	0	01:18
8	AI&DS	15	0	01:18
9	BS&H	107	0	01:17
10	MBA	25	0	01:20
11	MCA	9	0	01:14

8. Profile of the Principal

1	Profile of		Principal			
	Department		Electronics & Communication Engineering			
2	Name in full (Block letters)		Dr. Sudhakar Jyothula			
3	Date of Birth of the applicant		10/06/1981	Place of Birth	Pithapuram	
4	Father's/ Husband 's name		Arjuna	Occupation:	Late	
5	Postal Address		24-56/6 East Point Colony, Srinivasa Nagar, Visakapatnam, India Mobile: 91-9052066699			
	Telephone No. with STD Code (O)		0891	(R)		
	Mobile No:		9052066699	Email:	sudhakar.jyo@gmail.com	
6	Give the following particulars of Educational Qualifications (Commencing with SSC or equivalent examination). Where a qualification has been obtained by private appearance, this should be specifically mentioned.					
	Name of the Examination/ Degree	Name of the School/College and Place	Name of the Board/ University	Year in which Degree/ Diploma has been obtained	Class or Division with % of Marks	Specialization
	SSC	Z.P.H.School	Board of Secondary Education	1996	First with Distinction 78%	MPC
	Diploma	S.V.Polytechnic, Tirupathi	SBTET	1999	First with Distinction 86%	ECE
	AMIE (B.Tech)	Institution of Engineers(India), Calcutta	IE(I)	2005	Second Class 58%	ECE
	M.Tech	Srinivasa Institute of Technology & Management Studies, Chittoor	JNTUH	2008	First with Distinction 83%	VLSI Systems Design
	Ph.D	JNTU Kakinada	JNTU Kakinada	December 2016	-	Low Power VLSI

7	Give chronological order details of your employment							
	Name and Address of Institution / Office	Post Held	Scale of Pay	Period		Total Period in each cadre	Basic Pay & Gross Pay	Regular / Adhoc. University Ratified
				From	To			
	VITAM College of Engineering	Assistant Professor	9,650	July 2005	June 2009	3years	17,896/-	Regular
	Prime Engineering College	Assoc. Prof & HoD	23,188/-	June, 2009	July, 2012	3 Years	35,006/-	Regular
	Aditya Engineering College	Professor	1,20000/-	Dec, 2019	Jun, 2020	6 Months	1,20,000/-	Regular
	Vignan's Institute of Engineering for Women	Professor/Asso. Professor	37400/- 67000/-	July 2012	December 2016	9 Years	1,20,000/-	Regular
		Professor & Principal		December 2016	23.04.2023	7 Years 7 Months	1,20,000/-	Regular
	Vignan's Institute of Information Technology	Professor & Principal		24.04.2023	Till date		1,40,000/-	Regular
Whether qualified in NET/SLET/SET/GATE Yes / No: <u>NO</u>								
If Yes, Year in which qualified Year : _____ (Enclose attested copies of the certificates)								
8	Have you published any papers or text books? If so, give particulars and if possible enclose copies of papers/books clearly mentioning the names of international/National Journals in the case of papers published and conferences participated for Presenting papers, names of publishers in the case of Text books.							
	Details	National (No.)	International (No.)	Details	National (No.)	International (No.)		
	Journals	5	24	Conference	2	18		
	Seminars	9	NA	Workshops	20	2		
	Text Books	NA	2	Monographs	NA	NA		
9	Membership in professional bodies:		IEEE, Institution of Engineer, IETE, ISTD					
10	No. of Ph.D.s guided if any (Give details on a separate sheet)		01 (Pursuing)					
11	Awards received if any (Give details on a separatesheet)		Received "Sastra Award" in Sept 2017on recognition of research work by Vignan's Group. Received "Uttama Acharya Award" by AP &Telangana IT Association Received "Early career Research award" by SERB inthe Year 2016-17					
12	Languages known:		English, Hindi, Telugu					
13	Details of experience:		Teaching PG courses – VLSI Design. Guiding Research Projects: UG – 32, PG – 7Ph.D. Guidance-01					
	Teaching to post- graduate classes with details of subjects handled, course, semester, year etc., (Enclose separate sheet if required)							
	Guiding Research							
	Industrial Experience							
	Administrative Experience							
14	Additional Remarks: (Applicant may mention here any special qualification acquired or experience gained in organization, administration, teaching, sports, NCC etc. not given above.)		Completed IUCEE- IIEECP Certification Working as Principal (Dec 2016 to Till date) & Professor in Electronics & Communication Engineering department for Vignan's Institute of Engineering for Women, Visakhapatnam from 7th July 2012 to till date (9+ years).					

FEE

Details of Fee being collected from students (In all forms/under all heads)

S.No.	Title of Fee	Frequency (Monthly/per Semester/Annual Year/Entire Course)	Amount (Rs.)	Principals bank A/C No.to which credited
1	Tuition Fee-conv. quota	Per Year (2023-24)	57200/-	3585897888 SBI, VSEZ, Visakhapatnam
2	Tuition Fee-NRI/Mgmt. quota	Per Year	1,71,600/-	
3	Special Fee (item wise)	Per Course		
	JNTUK Infrastructure Fee		1425/-	
	Admission Fee		5000/-	
	Laboratory Fee		1000/-	
	Library Fee		1000/-	
4	Hostel fee	Per Year	90,000/-	
5	Condonation fee	Per Semester	500/-	
6	Fines	---	---	
7	Any Other	Per Year	---	

Admission Details:

AICTE Approval Letter : 2023-24

<https://vignaniit.edu.in/aicte/EOA-Report--2023-24.PDF>

Admission Procedure:

https://vignaniit.edu.in/admission_procedure.php

Information of Infrastructure and other Resources Available:

- Number of class rooms: **82**
- Number of laboratories: **64**
- Number of drawing halls: **03**
- Number of computer centers: **02**
- Central examination facility, number of rooms: **04**
- Barrier free built environment for disabled and elderly persons: Yes, With ramp, Special Toilets

Occupancy Certificate:

<https://www.vignaniit.edu.in/aicte/Occupancy%20Certificate%20%20afrc%2018%201%2019319.pdf>

Fire and safety certificate:

<https://vignaniit.edu.in/iqac/rankings/FIRE%20SAFETY.pdf>

Food Safety Certificate:

<https://vignaniit.edu.in/iqac/rankings/FOOD%20SAFETY.pdf>

Water Safety(UV RO Plant) Certificate:

<https://vignaniit.edu.in/iqac/rankings/WATER%20UV%20RO%20PLANT.pdf>

Hostel Facilities

<https://vignaniit.edu.in/hostels.php>

Library Details:

Programme	Number of Titles	Number of Volumes	Number of e-Book Titles - PG	Number of e-Book Volumes - PG	Number of e-Book Titles - UG	Number of e-Book Volumes - UG	Number of e-Book Titles - Diploma	Number of e-Book Volumes - Diploma
Engineering and Technology	7924	42440	3411	12427	0	0	0	0
Management	605	3857	606	3857	0	0	0	0
Mca	183	2962	183	2962	0	0	0	0

List of Research Projects:

S.No	Name of the principal investigator	Name of the funding agency	Title of the Project	Funds provided Year	Duration of the project	Funds provided (INR in Rs.)
1	Dr.N.Tirupathi Rao, CSE	DST-EEQ	Identification of Breast Lesion on Radiography (Dr) Mammogram Image Using Two-Parameter & Three-Parameter Logistic Type Distribution with U-Net+Models	2023	3 Years	2348764.00
2	Dr. B. Arundhati, EEE	UGC	UGC PARAMARSH	2022	1 Years	2145596.00
3	Dr. B. Arundhati, EEE	AICTE	IDEA Lab	2022	2 Years	19800000.00
4	Dr.G.Narasimha Rao, CSE	MEITY (STP)	Software Technology Parks of India	2022	1 Years	30000.00
5	Dr.Ch.V.V.Ramana, Mr.A. Sampath Dakshina Murthy, ECE	MEITY (STP)	Software Technology Parks of India	2022	1 Years	30000.00
6	Dr.Mohan Mahanty, CSE	MEITY (STP)	Software Technology Parks of India	2022	1 Years	30000.00
7	Dr.Archana Acharaya, CSE	MEITY (STP)	Software Technology Parks of India	2022	1 Years	30000.00
8	Dr. Gunda Yoganjaneyulu, ME	DST-SERB	Investigation on the Formability, Microstructure and Mechanical of Titanium and Natinol alloy foils During Single point Micro Incremental Forming Process	2020	1 Years	2397510.00

9	Dr. B. Arundhati, EEE	NAAC	NAAC financial assistance/ academic support	2020	3 Days	30000.00
10	Dr.Madisa V G Varaprasad, EEE	DST- (SERB) TARE	T Twin- Mode energy conversion unit for improved MPPT and reliability of large - Scale PV system:Design , Development, Prototyping	2020	1 Years	335000.00
11	Dr.Aggala Naga Jyothi, ECE	DST- ECR	Arbitrary Waveform Generator For Automotive Radar	2018	3 Years	4502830.00
12	Dr.K.S.Naik, ECE	DST- EEQ	Design Optimization and Performance Improvement of Large Antenna Arrays	2018	3 Years	2509412.00
13	Dr. Pudi Sekhar, EEE	DST- ECR	AUnified Virtual Power Decoupling Method for Droop Controlled Parallel Inverters in Microgrids under Complex Load Conditionst.u	2018	3 Years	3096410.00
14	Dr.Yellareswararao Kosuri, BS&H	DST- ECR	Development of Solid State Thin Film Li-Ion Micro Battery Using Powder Sputtering	2018	3 Years	3339600.00
15	Dr.Ch.Narasihmam, CSE	DST- FIST	DST-FIST	2018	1 Years	2200000.00
16	Dr.Chintapalli V.S.N.Reddi, BS&H	DST- ECR	Medium and High Frequency Noise Reduction in /a /vibro-acoustic Cavity Using Radiatterer Geometry	2018	3 Years	3403590.00
17	Dr.E.Laxmi Lydia, CSE	DST- SERB	Text Mining Eith Lucene and Hadoop Document Clustering With Updated Rules of NMF(Non -Negative Matrix Factorization)	2017	3 Years	1947110.00

Consultancy Works

Name of the Investigator	Title of the project	Amount Sanctioned (Rs.)	Duration	Sanction Year	Funding Agency
Dr.V.Laxman Narayana, IT	Affordable Home Automation System with Voice Control	4,26,250	12 Months	2022-23	Gem Open Cubes Technologies India Pvt Ltd, Madhapur, Hyderabad
Dr.G.Neelima, IT	AI Tool for Real Estate Management	1,94,000	6 Months	2022-23	L4G Solutions India Pvt Ltd, Jubilee Hills, Hyderabad
Dr. Mohan Mahanty, CSE	Inhomogeneities Correction of MRI Images	85,000	1Year	2022-23	Open Cubes Corp
Dr Appala Naidu, ME	Vibration reduction in biodesil plant equipment during esterification and pyrolysis process	1,15,000	6 Months	2022-23	Empire biotech bhandara
Dr. B. Prasad Rao, ECE	Testing and calibration of digital test benches	1,73,000	9 Months	2022-23	MVK Industries, Power Engineers and Contractors
Dr. K. Srinivasa Naik, ECE	Solutions for smart irrigation system over traditional irrigation system	1,26,000	10 Months	2022-23	Pinamsa Agro Farms Private Limited
Dr. P. Sekhar, EEE	Testing of Cables	1,05,000	3 Months	2022-23	MVK Industries, Power engineers and contractors, Plot no. 50/A, APIIC, Pedagantyada, Visakhapatnam 530044. Contact: 9951999344, Email: transformers.mvk@gmail.com

Dr. R. S. Ravi Sankar, EEE	Testing of Transformers	1,52,000	10 Months	2022-23	MVK Industries, Power engineers and contractors, Plot no. 50/A, APIIC, Pedagantyada, Visakhapatnam 530044. Contact: 9951999344, Email:transformers.mvk@gmail.com
Dr. R. S. Ravi Sankar, EEE	Vaccum Circuit Breaker Testing	1,40,000	7 Months	2022-23	MVK Industries, Power engineers and contractors, Plot no. 50/A, APIIC, Pedagantyada, Visakhapatnam 530044. Contact: 9951999344, Email:transformers.mvk@gmail.com
Dr. R. S. Ravi Sankar, EEE	Design of Automatic Star-Delta Starter	2,40,000	10 Months	2022-23	Ramyasri Electrical Automation, plot no. 116, block -D, Autonagar, Visakhapatnam -530012, Andhra Pradesh, India Email:ramakanth@ramyasri.com, 9848874952
Mrs. G. Hima Bindu, CSE	A Dynamic IP Traceback System	55,000	2 Months	2021-22	RQB Technologies
Mr. Ch. Viswanath Sarma, CSE	Spam Detection for reviews in online social media	45,000	2 Months	2021-22	GT Global solutions
Dr. T. V. Madhusudhana Rao, CSE	Machine Learning Driven Product Recommendation System for E-Commerce	1,50,000	4 Months	2021-22	GT Global solutions
Mr.B.Dinesh Reddy, CSE	ERP	4,57,627	1Year	2021-22	Turbo Mech Solutions
Dr.G.Venugopala Rao, ME	Technical Support for measurement of sound pressure level	80,000	4 Months	2021-22	Veneklasen Associates, Haryana
Dr. S. Rambabu, ME	Training on fundamentals of turbo machinery and soft skills development	17,95,000	7 Months	2021-22	Turbo Mech Services Pvt Ltd

Dr.G.Rajendra Kumar, IT	Designing a Responsive Blog Website	2,27,000	3 Months	2021-22	Brain O Vision Solutions
Mrs. G. Hima Bindu, CSE	The role of visual Effects in Immersive Virtual Reality Experiences	1,20,000	5 Months	2021-22	Huematte Private Limited
Mr. Ch. Viswanath Sarma, CSE	Virtual Keyboard for ATMS Using Ginger Gestures	90,000	5 Months	2021-22	RQB Technologies
Dr. P. Sekhar, EEE	Testing of Cables	91,800	3 Months	2021-22	MVK Industries, Power engineers and contractors, Plot no. 50/A, APIIC, Pedagantyada, Visakhapatnam 530044. Contact: 9951999344, Email:transformers.mvk@gmail.com
Dr. R. S. Ravi Sankar, EEE	Design and Implementation of Variable Frequency Drive for Pump	3,45,000	9 Months	2021-22	Ramyasri Electrical Automation, plot no. 116, block -D, Autonagar, Visakhapatnam -530012, Andhra Pradesh, India Email:ramakanth@ramyasri.com, 9848874952.
Dr.V.Sujatha, IT	Mobile App for Mental Health Monitoring and Support	1,70,000	9 Months	2020-21	Teck Team Solutions Pvt Ltd., Hyderabad
Dr. T. V. Madhusudhana Rao, CSE	VFX Design in Gaming: Creating Immersive and Interactive Virtual Worlds	70,000	2 Months	2020-21	Huematte Private Limited
Dr. K. Murali Krishna, ECE	Low-Cost and Portable Electrocardiogram(ECG) Machine and Health Monitoring	8,40,000	10 Months	2020-21	Teck Team Solutions

Patents Published:

S.No.	Application number	Title of the patent	Inventors	Details of applicants &	Status
1.	202244022591 05-06-2023 India	Multi-functional Cost-effective Smart Pole for Early Flood Detection and Rescue Operations	Dr.Gudikandhula Narasimha Rao	Dr.Gudikandhula Narasimha Rao	Patent Grant
2.	6300158 28-7-2023 (F) 09-8-2023 (P) UK	Smart Shoe	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Design Patent Grant
3.	202341065452 28/09/2023 (F) 06/10/2023 (P)	A Three-Phase Multilevel Inverter Cascaded by Three Two-Level and Two Single-Phase Boosted H-Bridge Inverters	Dr. B. Trinadha	Dr. B. Trinadha	Published
4.	6326216 15-11-2023 (F) 23-11-2023 (P) UK	Disaster Management alert Device	Dr.K.Sirisha	Dr.K.Sirisha	Design Patent Grant
5.	20241007536 A 04-02-2024 (F) 01-03-2024 (P) India	A method of Preparing Biogenic Nanomaterials for Energy storage and Conversion	Dr.B.Dhana Lakshmi	Dr.B.Dhana Lakshmi	Published
6.	202441011942 A 08-03-2024 India	Compact Tri-Band Eight-Port Mimo Antenna for Wi-Fi/Wlanand X-Band Applications	Dr.K.Srinivasa Naik	Dr.K.Srinivasa Naik	Published
7.	202441017336 A 29-03-2024 India	A Dual-Band Textile 2/4/8 - Port Mimo Antenna for Wearable Applications	Dr.K.Srinivasa Naik	Dr.K.Srinivasa Naik	Published
8.	202341083301 06-12-2023 (F) 05-01-2024 (P) India	System and method for block chain-based integration of renewable energy source and electric vehicles	Mr.K.Sravan Kumar	Mr.K.Sravan Kumar	Published
9.	202441020944 20/03/2024 (F) 29/03/2024 (P)	A System and Method to Analyze Performance of Super Capacitor for Energy Storage	Thamatapu Eswara Rao	Thamatapu Eswara Rao	Published
10.	201841012146 22-04-2024 India	Microcontroller basd tongue operated system for an ambulation device and method thereof	Vignan's Institute of Information Technology (A)	Dr.A.Naga Jyothi	Patent Grant
11.	404251-001 18-04-2024 India	An Automotive Tyre	Dr.B.N.Dhanunjaya Rao	Dr.B.N.Dhanunjaya Rao	Design Patent Grant
12.	410506-001 02-05-2024 India	Three Phase Electrical Metering Device	Dr.Kasimala Venkatanagaraju	Dr.Kasimala Venkatanagaraju	Design Patent Grant
13.	407926-001 03-05-2024 India	Biomedical Implantable Gastric Electrical Simulator for stomach	Mr.A.Sampath Dakshina Murthy	Dr.A.Sampath Dakshina Murthy	Design Patent Grant
14.	6354984 14-05-2024 UK	Telecommunications Equipment, Wireless Remote Controls and Radio Amplifiers	Mrs.Sarika Nair	Mrs.Sarika Nair	Design Patent Grant
15.	6364787 08-05-2024 16-05-2024, UK	Cardiovascular Health Monitoring Sensor Module	Dr.Achanta Sampath Dakshina Murthy	Dr.Achanta Sampath Dakshina Murthy	Design Patent Grant
16.	202441035585 A 17-05-2024 India	Underwater Surveillance Robot for Monitoring Water Quality and Health	Mrs.Kadali Lakshmi	Mrs.Kadali Lakshmi	Published
17.	1212840 03/5/2024 Canada	Dynamic resource allocation system for cloud computing environments	Vignan's Institute of Information Technology (A)	Dr.A.Sampath Dakshina Murthy Dr P Santhosh Dr B Omkar Jagan Mrs K Lakshmi	Copyright Grant

18.	202321084185 A India	The effects of human resource management systems on employee job Performance in India's state enterprises	Auadhathi Datta	Auadhathi Datta	Published
19.	2022/10667 South Africa 27-08-2022 21-12-2022	A Smart computer Software system to identify the Television Panels	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Patent Grant
20.	202241036621 01/07/2022 India	A Portable Conformal Monopole Elliptical-Shape Patch Antenna for SWB Applications	Dr K.Srinivasa Naik	Dr K.Srinivasa Naik	Published
21.	202241044310 12/08/2022 India	Differential Feed Eight-Element MIMO-UWB Antenna with Band-Notched and High Isolation	Dr K.Srinivasa Naik	Dr K.Srinivasa Naik	Published
22.	202241037507 12/08/2022 India	CPW-Fed Conformal Circular Patch Antenna for SWB Applications	Dr K.Srinivasa Naik	Dr K.Srinivasa Naik	Published
23.	202244022591 08/07/2022 India	Multi-Functional Cost-Effective Smart Pole for Early Flood Detection and Rescue Operations	Dr.Gudikandhula Narasimha Rao	Dr.Gudikandhula Narasimha Rao	Published
24.	202241034617 22/07/2022 India	Human Resource Practices in Medium Size Garment Industrial Units	Mr. Sivajee Vavilapalli	Mr. Sivajee Vavilapalli	Published
25.	202241046630 16/09/2022 India	A Histogram Statistic Extension System and Gradient Filtering Method for Upgrading Infrared Picture Quality	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Published
26.	364183-001 03-12-2022	Solar powered public lighting fixture with hidden Camera	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Design Patent Grant
27.	352802-001 India	Two wheeled barrel moving cum pouring hand truck	Dr K.S. Raghuram	Dr K.S. Raghuram	Design Patent Published
28.	352803-001 India	Two wheeled moving cum relocating hand truck	Dr K.S. Raghuram	Dr K.S. Raghuram	Design Patent Published
29.	364032-001 11-05-2022 India	Driver Monitoring Device	Mr.B.Dinesh Reddy	Mr.B.Dinesh Reddy	Design Patent Grant
30.	2022/08579 26-10-2022 South Africa	Additive Manufacturing Through Binder Jetting Technique for Biomedical Equipment	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Patent Granted
31.	202241072402 30-12-2022	A biomimetic nanoparticle for synergistic anti-infective therapy	Dr. B. Dhanalakshmi	Dr. B. Dhanalakshmi	Published
32.	2023/00903 20/01/2023 29/03/2023 South Africa	A Method for Performing Gait Analysis to Identify Physically Disabled Individuals	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Patent Granted
33.	6271249 29/03/2023 United Kingdom	Sprayer Robot for Agriculture	Mr.A.Sampath Dakshina Murthy	Mr.A.Sampath Dakshina Murthy	Design Patent Grant
34.	202341027795 India	Analysis of how Google translator plays a vital role for Non- native speakers	Mr. Ramappadu Kakita	Mr. Ramappadu Kakita	Published
35.	202341004287 India	Quasi-Experimental Methodology to Assess Game-Based English Vocabulary Development in ELT	Ganesh Dandu	Ganesh Dandu	Published
36.	202341034184 India	A mentoflavone Nanoparticles for The Treatment of Dementia	Challa Gangu Naidu	Challa Gangu Naidu	Published
37.	202341004317 India	A method of plasma-based production using nickel zinc ferrite nanoparticles	Dr. B. Dhanalakshmi	Dr. B. Dhanalakshmi	Published

38.	2021102309 16-06-2021 Australian	An efficient iris recognition system with complete local ternary pattern feature extraction and classification method	Dr K.S. Raghuram	Dr K.S. Raghuram	Patent Grant
39.	2021102961 30-06-2021 Australian	An IOT based system for tracing and recognizing an object	Mr Sampath Dakshina Murthy Achanta	Mr Sampath Dakshina Murthy Achanta	Patent Grant
40.	2021101814 02-06-2021 Australian	A novel image denoising method with hybrid dual tree complex wavelet transform	Mr Sampath Dakshina Murthy Achanta	Mr Sampath Dakshina Murthy Achanta	Patent Grant
41.	202141031030 India	Teachable oxygen flow control and monitoring system	Bode Prasad Prudhvi Kiran Pasam	Bode Prasad Prudhvi Kiran Pasam	Published
42.	202141050901 16/07/2021 India	A medical image processing system, image processing method, and medical image processing device	Mr.Sampath Dakshina Murthy Achanta	Mr.Sampath Dakshina Murthy Achanta	Published
43.	2021104156 25-08-2021 Australian	A system comprising of an antenna for ultra-wide band (uwb) with adequate gain and bandwidth	Sukanya, Y.; Uma, D.	Sukanya, Y.; Uma, D.	Patent Grant
44.	2021104394 02-09-2021 Australian	Design of solar energy system with effective extraction with lab view environment	Dr P Satyanarayana Murthy;	Dr P Satyanarayana Murthy	Patent Grant
45.	349539-001 16-03-2021 15-09-2021	Integrated Airless Wheel	Mr R Sundara Ramam	Mr R Sundara Ramam	Design Patent Grant
46.	202141055255 10/12/2021 India	IOT and wireless sensor network based intelligent home bell system for effective house protections	Mr. Viswanathasarma Ch	Mr. Viswanathasarma Ch	Published
47.	2021106836 03-11-2021 Australian	Identification of forest fire susceptibility using GIS and neural network approaches	Gudikandhula Narasimha Rao	Gudikandhula Narasimha Rao	Patent Grant
48.	202211013212 18/03/2022 India	Machine Learning Based Model to Predict the Characteristics of Next Generation Based on DNA Sequences	Mr. Gouri Sankar Nayak	Mr. Gouri Sankar Nayak	Published
49.	202241016653 01/04/2022 India	Electric Field Distribution Factor for Optimization of Gas Insulated Bus Duct	Dr Uma Maheswari Ramisetty	Dr Uma Maheswari Ramisetty	Published
50.	202031019607 12/06/2020 India	Method for diagnose medical problem through medical image processing using big data and machine learning	Dr. E Laxmi Lydia	Dr. E Laxmi Lydia	Published
51.	202041026102 24/07/2020 India	An IoT integrated solar cooker for small and medium scale restaurants	Mrs Bhuvaneswari.N	Mrs Bhuvaneswari.N	Published
52.	202041026103 10/07/2020 India	Apparatus for monitor and treatment of carpal tunnel syndrome	Dr. E Laxmi Lydia	Dr. E Laxmi Lydia	Published
53.	202041031127 31/07/2020 India	Method for healthcare assistance by artificial intelligence based chatbot using natural language processing	Dr. E Laxmi Lydia	Dr. E Laxmi Lydia	Published
54.	202011028491 14/08/2020 India	System for networked remote online teaching with electronic learning board	Dr. E Laxmi Lydia	Dr. E Laxmi Lydia	Published
55.	202041034060 04/09/2020 India	Hybrid response and traffic control algorithm (hrtc) based congestion detection and control technique in denser iot networks	Dr G Neelima	Dr G Neelima	Published
56.	202041034152 04/09/2020 India	Low- cost automatic car disinfection system model to reduce potential sources of infection transmitting sars covid-19	Dr. Rojeena Aby Mathew Dr. Koduganti Venkata Rao Mr. Maddala	Dr. Rojeena Aby Mathew Dr. Koduganti Venkata Rao Mr. Maddala	Published

			Padmakar Mr. Karri Srinivas	Padmakar Mr. Karri Srinivas	
57.	202041039079 18/09/2020 India	Wireless fidelity with dynamic authentication method	Dr.P.Ramesh	Dr.P.Ramesh	Published
58.	202041043841 30/10/2020 India	ITCA- recycling of dredging material: intelligent technology to recycling of dredging material and sand for construction actiities (value added products)	Dr. Rojeena Aby Mathew Dr. V. Madhusudhan Rao Mr. Marada Srinivasa Rao Mr. Maddala Padmakar Mr. Praveen Nadupuri Mrs.Puja Prasad	Dr. Rojeena Aby Mathew Dr. V. Madhusudhan Rao Mr. Marada Srinivasa Rao Mr. Maddala Padmakar Mr. Praveen Nadupuri Mrs.Puja Prasad	Published
59.	2020102442 28-10-2020 Australian	Auto-powered assistive device for visually impaired people	Madhusudhana Rao, T. V.	Madhusudhana Rao, T. V.	Patent Grant
60.	202041048753 13/11/2020 India	Method for semantic segmentation of digital image in electronic device interface using machine learning	Dr. E. Laxmi Lydia	Dr. E. Laxmi Lydia	Published
61.	2020103586 20-01-2021 Australian	LNUM- human immune detection system: human immune level detection and notification system using mobile phone	Daniel, Ravuri; Bode, Prasad; Jalumuri, Anitha; Gogineni, Himabindu; Kiran Pasam, Prudhvi;	Daniel, Ravuri; Bode, Prasad; Jalumuri, Anitha; Gogineni, Himabindu; Kiran Pasam, Prudhvi;	Patent Grant
62.	202141007441 26/02/2021 India	Enhanced image compression system with parallelized binary search tree optimization method for medical images	Mr.Sampath Dakshina Murthy Achanta	Mr.Sampath Dakshina Murthy Achanta	Published
63.	202141007545 26/02/2021 India	Voice controlled writing instrument using machine learning	Dr.E.Laxmi Lydia Dr. Pudi Sekhar	Dr.E.Laxmi Lydia Dr. Pudi Sekhar	Published
64.	202141019150 07/05/2021 India	A system based on neural network to refine the heuristic data with image processing techniques	Dr K.S. Raghuram	Dr K.S. Raghuram	Published
65.	202141041436 14/09/2021 01/10/2021	Automated Object Detection and Counting Machine and a Method Thereof	B. Dinesh Reddy Eali Stephen Neal Joshua	B. Dinesh Reddy Eali Stephen Neal Joshua	Published
66.	202141019089 26/04/2021 07/05/2021	A decentralized privacy- preserving multi-instance iris authentication Device (DPMIAD)	Dr. Rajendra Kumar Ganiya	Dr. Rajendra Kumar Ganiya	Published

Functional MoUs/linkage/collaboration:

S.No.	Name of the organization with whom MOU/Collaboration being signed	Start Date	End Date	Nature of Collaboration
1	Information sharing and Analysis Center (ISAC), Mysuru, Karnataka, India	12-04-2024	11-04-2027	Student Exchange
2	IVY Overseas, Vidisha Towers, Dwarakanagar Main Road, Beside HDFC Bank, Visakhapatnam	07-03-2024	06-03-2027	Student Exchange
3	The Art of Living (TAOL), Udaypura, Bengaluru, Karnataka-560082	30-01-2024	29-01-2029	Student Exchange
4	LEO Global Overseas Educational Consultancy, Vijaya Comoplex, 5th Lane Brindavan Gardens, Guntur – 522006, Andhra Pradesh, India	04-01-2024	03-01-2029	Student Exchange
5	Brandix Apparel India Pvt. Ltd., Commercial Enclave, Non-Processing Zone, BIAC SEZ, Pudimadaka Road, Atchutapuram Mandal, Visakhapatnam – 531011, Andhra Pradesh	28-06-2023	27-06-2028	Student Exchange/ Internship
6	Softhouz Solutions Pvt. Ltd., Dilsukhnagar, Hyderabad, Telangana - 500060	03-11-2023	02-11-2028	Student Exchange / faculty exchange
7	Tentamus India Private Limited, Kompally, Quthbullapur, Hyderabad-500014	30-05-2023	29-05-2026	Internship/ student / faculty exchange/ collaborative research
8	Indo German Institute of Advanced Technology (igiat), #39-22-29, Industrial Estate, Kancharapalem, Visakhapatnam - 530007	18-05-2023	17-05-2028	Internship/ student / faculty exchange
9	Indian Biomedical Skill Council (IBSC) Andhra Pradesh MedTech Zone (AMTZ), AMTZ Campus, Pragati Maidan, VMSteel Project S.O., Visakhapatnam - 530031, Andhra Pradesh, India	11-05-2023	10-05-2026	Internship/ project work/student / faculty exchange/ collaborative research
10	VIHAAN Electrix, 1-20/1, Pulagalipalem-Juttada Road, Pulagalipalem, Pendurthy, Visakhapatnam, Andhra Pradesh-530013	10-05-2023	09-05-2028	Internship/ student / faculty exchange
11	AAP SAB KI AWAAZ (ASKA), Visakhapatnam, Andhra Pradesh	20-12-2022	19-12-2027	Student / faculty exchange
12	CUNY the city university of New York, 205 East 42nd street, New York, NY 1007, USA	26-09-2022	25-09-2024	Student / faculty exchange
13	Access Career Counsellors, Venkojipalem, Visakhapatnam, India, 530017	01-09-2022	31-08-2027	Student / faculty exchange
14	Friends Blood Donors Association, Visakhapatnam, India	24-08-2022	23-08-2025	Student / faculty exchange
15	M/s Rosys Virtual Solutions Pvt. Ltd. and M/s Soft Tech Solution, Visakhapatnam, 2nd Floor, Door No 15-10 Plot NoMIG 529, Beside J Studios, Madhus Plaza, PM Palem Main Road, Visakhapatnam	23-08-2022	22-08-2027	Internship/ student / faculty exchange/ collaborative research
16	Anil Neerukonda Institute of Technology & Sciences (ANITS), Sangivalasa, Bheemili Mandal, Visakhapatnam, Andhra Pradesh-531162, India	25-07-2022	24-07-2024	Student / faculty exchange/ collaborative research

17	NoobTron PVt.Ltd., Chitlapakkam, Chennai, Tamil Nadu,600064	11-07-2022	10-07-2027	Internship/ student / faculty exchange/ collaborative research
18	Novel Patent Services Private Limited (NPS), Plot # 47, Sai Priya Layout, Opposite, IIM New Campus Road, Gambheeram, Anandapuram, Visakhapatnam-53 1 163, Andhra Pradesh, India	07-06-2022	06-06-2027	Internship/ project work/student / faculty exchange
19	Mahavir Engineering Corporation, Door No 31-33-1/17, ShopNo.8, Leelamahal Complex, Daba Gardens, Visakhapatnam - 530020	07-06-2022	06-06-2027	Project work
20	EXCELR Solutions, No. 94, 1st Cross, 27th Main, BTM Layout,Bangalore – 560068	07-06-2022	06-06-2024	Student / faculty exchange
21	Candela Technologies India Private Limited, GF II, Flat No. 102, Rushikonda Gramam Visakhapatnam Vishakhapatnam AP530048	03-06-2022	02-06-2027	Internship/ project work/student / faculty exchange/on-the-job training
22	Vasudaika Vanam Charitable Trust, Ukkunagaram,Visakhapatnam, Andhra Pradesh-530032	21-05-2022	20-05-2025	Student / faculty exchange
23	Spanex Limited, 417 B, Oxygen Towers, Seetammadhara,Visakhapatnam, 530013	11-05-2022	10-05-2027	Student / faculty exchange
24	Goldsikka Limited, 1st Floor, #3-5-171/1/2, Narayanguda NearMelkote Park, Hyderabad, Telangana 500029 India	16-05-2022	15-05-2027	Student / faculty exchange
25	ICFAI Business School (IBS), Donthanapally, ShankarapalliRoad Hyderabad, Telangana, 501203	02-05-2022	01-05-2027	Student / faculty exchange
26	Open Cube Technologies Pvt Ltd, Madhapur, Hitech city,Hyderabad-500081	11-05-2022	26-06-2022	Student / faculty exchange
27	Huawei Services (Hong Kong) Co., Limited, Room 03, 9/F,Tower 6, the Gateway. No. 9 Canton Road, HongKong	22-04-2022	21-04-2025	Student / faculty exchange
28	Information Data Systems (IDS), 4000 Livernois Rd. Troy,Michigan 48098, US	18-02-2022	17-02-2027	Student / faculty exchange
29	Pavan Empower solutions, 1st Floor, Above Murugan GlassPlywoods, Madanapalli Road, Palamaner, Chittoor, India, Andhra Pradesh	28-01-2022	27-01-2027	Internship/ student / faculty exchange
30	Teck Team Solutions, 1-20/1 Pulagalipalem Village, PendurthiMandalam, Visakhapatnam-531173, Andhra Pradesh, India	16-12-2021	15-12-2026	Internship/ student / faculty exchange
31	Muthayammal Engineering College (Autonomous), Rasipuram -637 408, Tamilnadu, India	17-11-2021	16-11-2026	Student / faculty exchange/ collaborative research
32	NTR Memorial Trust Blood Centre, Visakhapatnam, AndhraPradesh, India	28-07-2021	27-07-2024	Student / faculty exchange