DEPARTMENT OF INFORMATION TECHNOLOGY

NEWSLETTER

2022-2023

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING
AND TECHNOLOGY
BACHUPALLY, HYDERABAD-72
TELANGANA
http://www.vnrvjiet.ac.in/it.php

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERNG AND TECHNOLOGY

(AUTONOMOUS)

DEPARTMENT OF INFORMATION TECHNOLOGY

VISION

- To impart quality technical education that fosters critical thinking, dynamism and innovation to transform students into globally competitive IT professionals.

MISSION

- To provide quality education through innovative teaching and learning process that yields advancements in state-of-the-art information technology.
- To provide a learning environment that promotes quality research.
- To inculcate the spirit of ethical values contributing to the welfare of the society.

Brief History of Department

The Department of Information Technology was established in the year 1997 with an annual intake of 60seats increased to 180 from the year 2017. M.Tech (CNIS) Programme started in the year 2013 with an intake of 18. It has all Infrastructural facilities required for imparting high quality education and the department is fully structured to meet the contemporary needs of the industry. Imparting high quality education is supported by well qualified and experienced faculty; further support is extended by technically skilled and competent programmers

The department strength is the faculty. It has young and dynamic staff that is passionate towards research and academics. The average age of the faculty in the department is 35years and every one strives for the department and institution growth at their level best.

NBA Accreditation

The Department is accredited by **National Board of Accreditation** (NBA- New Delhi) for 3 years in 2022.

HOD

Dr. D. Srinivasa Rao, Ph.D

Department Faculty

S. No.	Name	Designation
1	Dr. G. Suresh Reddy	Professor
2	Dr.N.Mangathayaru	Professor
3	Dr G Madhu	Professor
4	Dr.D.Srinivasa Rao	Associate.Professor
5	Dr.B.Jalender	Associate.Professor
6	B. MathuraBai	Associate.Professor
7	Dr.B.V.SeshuKumari	Associate.Professor
8	Dr G Rajesh Kumar	Associate.Professor
_9	Dr.V. RadhaKrishna	Associate.Professor
10	Mrs.K.Renuka	Assistant Professor
11	T. Ravi	Assistant Professor
12	M.Koteswara Rao	Assistant Professor
13	A.Revathi	Assistant Professor
14	Dr.Y.UshaRani	Assistant Professor
15	Dr. G.Naga Chandrika	Assistant Professor
16	Dr. D Kalyani	Assistant Professor
17	Dr.V.Saritha	Assistant Professor
18	M.Susmitha	Assistant Professor
19	I.Pavan Kumar	Assistant Professor
20	S Swathi	Assistant Professor
21	S.RenuDeepti	Assistant Professor
22	B Srivani	Assistant Professor
23	Dr Annaluri Sreenivasa Rao	Assistant Professor
24	Murali Mohan.S	Assistant Professor
25	Dr.S.Ramasubbareddy	Assistant Professor
26	Mrs. Ch. Rohini	Assistant Professor
27	D.DakshayaniHimabindu	Assistant Professor
28	Dr. N.Sudhakar Yadav	Assistant Professor

Department Faculty

S. No.	Name	Designation
29	Mrs.K.Sravanthi	Assistant Professor
30	Mrs.B.Raswitha	Assistant Professor
31	P Balakesava Reddy	Assistant Professor
32	V.Sravankiran	Assistant Professor
33	Anand Kumar Sharma	Assistant Professor
34	Kolli Srinivas	Assistant Professor
35	Ch.Kamala	Assistant Professor
36	K.Radhika	Assistant Professor
37	Manoj Kumar Vemula	Assistant Professor
38	Jakkula Sravanthi	Assistant Professor
39	Y.Bhaskar Reddy	Assistant Professor
40	R. Yamini Rani	Assistant Professor
41	R. Rajesh	Assistant Professor
42	M.Radha	Assistant Professor
43	Ch. Srilakshmi	Assistant Professor
44	S. Kumara swamy	Assistant Professor

Courses offered by the department.

Courses (UG and PG)	Duration	Intake
B.Tech (Information Technology)	4Yr	180
M.Tech (Computer Networks and Information Security)	2Yr	18

Curriculum

- Semester system in all the programmes
- Syllabi of all the programmes is regularly revised and updated in consultation with various stakeholders.
- Latest revision of syllabi has been conducted during Academic session 2021-22

Teaching Learning Methodologies adopted and practicing.

• WIT & WIL	• Technical Presentations
• Course Projects	• Assignment Tests
•Lab Protocols	• Guest Lectures
• Learning by Doing	• Case Studies
• Story Board	• Institute and industry Interactions
• Online Teaching Methodologies	

Research areas the department actively engaged.

• Bio Informatics	• Image Processing
• Temporal Databases	• Information Security
• Internet of Things	• Machine Learning
• Deep Learning	• Soft Computing
• Data mining and ware housing	• Network Security
• Software Engineering	•Text Processing

Faculty Publications

S.No	Indexed publication in (SCOPUS, Web of Sciences etc.)	2022-23
1	SCI	
2	Web of Science	
3	SCOPUS	

Research Projects and Funds received by DRDO/UGC/AICTE

S. No	Sponsored Agency	Title of the Project	Cost
1	AICTE MODROBS (Dr.G.Suresh Reddy)	Research Center for Machine Learning	6,00,000/-
2	AICTE STTPS (Dr.D.Srinivasa Rao)	Machine Learning and Deep learning techniques for AI Problem	6,00,000/-
3	PRERANA-Career Enhancement and Training, 1-7137958254 (B. Mathurabai)	PRERANA-Programme for SC/ST students for higher education	10,00,000/-
4	JNTUH-TEQIP-3 (Dr.N.Mangatayaru)	To Analyze the Fingertip the aiding the diagnosis of cardio-pathies using PPG	2,94,000/-
5	JNTUH-TEQIP-3 (Dr.D.SrinivasaRao)	Machine Learning Approach for plant disease identification using leaf images	2,95,000/-
6	JNTUH-TEQIP-3 (Dr.G.Madhu)	Automatic Diagnostic model for detection of Malaria parasites from Microscopic images	2,98,000/-
7	DRDO (Dr.G.Madhu)	Development of a machine learning based algorithm for computer aided-diagnosis malaria	7, 75,000/-
8	DRDO (Dr.N.Managatayaru)	Development of a tool for the management of diabetes mellitus	9,03,000/-
9	UGC Minor (D.Kalyani)	Identity Based Short Signature Without Using Random Oracles	3,20,000/-
10	AICTE (RPS) (Dr.D.SrinivasaRao)	Image Fusion using Fuzzy and Neuro Fuzzy Logic	3,50,000/-
11	AICTE(FDP) (Dr.N.Managatayaru)	AICTE Sponsored FDP on Recent Trends in Cloud Computing during 3rd -15th June. 2013	6,09,000/-
12	AICTE(FDP) (Dr.N.Managatayaru)	Recent Trends in Networking & Security during 13th – 26 June, 2011	6,00,000
13	AICTE (MODROBS) (Dr.G.Suresh Reddy)	Networking	10,00,000/-

Department Achievements

• M.Raghupathi, Full time PhD scholar allotted to the Department by JNTUH.

• 2018-22 Batch students average salary is 8.75Lakh.

• IT Department faculty total citations reached to 6000+

• IT Department has partnered in conducting SIH 2022 on 25th-26th –August 2022

• IT Department has taken MoU with Cisco Networking Academy to train the faculty and students

• IT Department ACM student chapter has conducted National Level winter coding contest 2.0 on 03-12-2022

• IT Department got the NBA for 3 years from July 2022- June 2025

• Department of IT conducted 5 day STTP on Data Visualization using Power BI and Tableau in association with NIT Warangal from 23-02-2023 to 27-02-2023

• IT Department External Academic Audit done by Dr.P.Radhakrishna, Professor, CSE, NITW on 03.03.2023.

• IT dept. received consultancy work from JNTU, Ananthapur Engineering College Alumini Association (ANECAA) to redesign their website for Rs 15000 per year, on 29.08.2022

Staff Achievements

• V.Saritha, Asst.Prof awarded Ph.D degree from Andhra University, Vizag on 06-07-2022

• Dr G Madhu, Professor, IT delivered session on Advanced Deep Neural Networks at IARE, Hyderabad on 10/08/2022.

• Dr D Srinivasa Rao, HoD-IT reviewed papers for ICMACC-22 conference, Hindawi Journal, ICAN 2022.

• I.Pavan Kumar, Asst.Prof Delivered a Guest Lecture on Python Use cases at K.L.University Vijayawada in virtual Mode on 18.08.2022

• Dr.B.V.Seshu Kumari Conducted a program for I.B.Tech – EEE(Part of Ancient Wisdom on the occasion of Sri Krishna Janmaashtami) 1.quiz on bhagavadgita 2. భగవద్గీత - 12th chapter (Bhakti yogam) chanting 3.created awareness about ancient wisdom and our culture among all students on 19.08.2022

• Dr.G.Madhu Presented an invited talk for 5-day Faculty Development Programme on "Applied Artificial Intelligence and Expert Systems" at Institute of Aeronautical Engineering College, Hyderabad on 10.08. 2022.

• Dr.N.Sudhakar Yadav, Asst.Prof delivered a Guest Lecture on Big Data and IOT on 01-09-2022 through Online at UGC-HRDC JNTUH Two Week Refresher Course on " Internet of Things" from 22-08-2022 to 05-09-2022.

• Dr.G.Madhu, Professor Filed Indian Patent on AI-based Prediction Model, Method for the Compressive Strength of Geopolymer Concrete on 01-10-22. Inventors: Dr. RamujeeKolli, Pooja Sadula, Dr.Madhu Golla.

• Dr.V.Radhakrishna, Associate Prof delivered a session on research paper writing on 12-10-2022.

• V.Manoj Kumar, Asst.Prof completed Ph.D Course work on Research Methodology during 15-10-2022 to 20-10-2022 from JNTUH

• Dr.G.Madhu, Prof delivered a guest lecture on "Traditional CNN" at Institute of Aeronautical Engineering Department of Information Technology, Hyderabad between September 26th and October 1st, 2022.

• Dr. V. Radhakrishna, Associate Prof received best researcher award from TITA, TS

• Dr.G.Madhu., Professor edited book titled "Emerging Computational Approaches in Telehealth and Telemedicine: A Look at The Post-COVID-19 Landscape Advances in Data Science-Driven Technologies". Bentham Science Publishers, Sharjah, U.A.E. DOI: 10.2174/97898150792721220101

• Dr.D.Srinivasa Rao, HOD-IT hosted session chair in ICMACC 2022 on 29.12.2022

• Dr Y Usha Rani, Asst Prof, IT received best paper award in ICMACC 2022

• B.Jalender, Associate Professor received Ph.D degree from OU Hyderabad on 06-01-2023

• Dr.N.Sudhakar Yadav, Asst.Prof hosted as Session Chair for National Conference on Advanced in Computer Science and Engineering-2023(NCACSE-2023 Organized by Department of CSE,K.S.R.M College of Engineering-Kadapa(UGC Autonomous)) on 18th March 2023.

Student Achievements

• Ravi Aneesh (18071A12G5) achieved acceptance of Universal Arts School which is located in Valencia, Spain. It is ranked 1st in terms of Arts and Design in the continent of Europe.

• III IT students won the hackathon in Chandigarh conducted during 01-10-2022 – 02-10-2022

• 3IIIyear IT students participated in T-Hub competition on 4-11-2022

• S.ChandraKetan, IIyr won the prize in software hackathon conducted during Convergence 2K23

• III Year IT Girl Students have attended the session on "Career and Fellowship opportunities for students and Early Carrer professionals" at INCOIS pragathi nagar Hyderabad on 03.03.2023.

• I, II and III year IT students participated in Smart Campus Hackathon at VNRVJIET and other hackathons at JNTUH

• Mr. Mallela Karthik Reddy(20071A12F2), Ms.Paidisetty Sai Amrutha (20071A12F6), III B.Tech IT appreciated for their idea presentation and stood as third most promising idea in the IBC Hackfest at Tech Mahindra & T-Hub on 29-11-2022.

• B.Gnyanesh and B Lalith Bharadwaj published paper titled "Representational Structure of Neural Networks Trained on Biased and Out-Of-Distribution Data" in British Machine Vision Conference (BMVC) 2022

Certification courses offered by the department

The Department offers various certification courses to its students and also coordinates other departments in the college in conduction of the same courses.

• Machine Learning.	• Networking.
• Full Stack Development	• Databases.
• Data Analytics.	• Microsoft Technologies.
• Cloud Computing.	• Python Programming
• Data Science	• Advanced Coding Skills
• Cyber Security	• Advanced Python Programming
• Data Structures and Algorithms	• Network Infrastructure Security
• Internet of Things	

Events attended by faculty

• Dr D Srinivasa Rao, HOD attended Webinar on "NEP-2020 Implementation Plan: Outcome Based Education & Academic Bank of Credits" on 28th, 29th June 2022 conducted by JNTUH HRDC

• 4 Faculty Attended "Microteaching" at VNRVJIET on 05-07-2022

• B.Mathura Bai, Assoc. Professor attended FDP on "Mathematical Models for ML" from 11.7.2022 to 20.7.2022 by NITW

• Dr. SRINIVASA RAO DAMMAVALAM, HoD IT attened "IP Awareness/Training program" conducted by NIPAM

• Dr D Srinivasa Rao, HoD-IT attended session on "NLP" by Dr Kavi Narayana Murthy, HCU

• 13 IT Faculty attended Awareness Session on "Natural Cleansers Impacting for better health and environment" conducted by Department of computer science and Engineering Humanities and science in Collaboration with PraHari Trust on 09.08.2022.

• Dr D Srinivasa Rao, IT-HoD attended "IEEE SPS inaugural session".

• Dr D.Srinivasa Rao, HOD-IT attended the "ICACECS 2022 conference inaugural session".

• IT faculty attended the HUAWEI webinar on "IoT training content" conducted by EIE Dept.

• Dr.V.Saritha, Asst.Prof and Dr.N.Sudhakar Yadav, Asst.Prof attended A Five day Workshop on "Developing winning research proposals" form 08-08-2022 to 12-08-2022.

• B.Mathura Bai, Assoc. Professor attended FDP on "Mathematics for ML" conducted by EICT, NITW in association with Computation AI Statistics 1.8.2022 to 10.8.2022

• IT Faculty attended talk on "Mechanism for Quality Research Publication" by Dr. Ketan Detroja, Associate Professor from Dept. of Electrical Engineering, IIT Hyderabad

•IT Faculty attended Department of ME and AE is organized research talk on "Writing and Publishing a paper in highly indexed journal and writing research proposal" by Dr. K.Ajay Kumar Associate Professor, Dept. of ME, VNRVJIET on 23-08-2022

• S.Murali Mohan, Asst.Prof attended "2022 IEEE WIE International Leadership Summit (ILS-22)" organized by WIE AG, IEEE Hyderabad Section on 26 & 27 August 2022.

• All Faculty attended a session on "OBE" by Dr.Anuradha, Dean Academics on 13.09.2022.

• 8 IT Faculty attended interactive session by Dr Ram D Sriram, Chief, Software and Systems Division, USA on 19-09-2022

• IT Dept. New Faculty interaction with Prof.Krishna Vedula, IUCEE on 22.09.2022

• B.Mathura Bai, Associate Professor attended FDP by E&CT and Dept. of CSE, NITW on "Optimization Techniques: Theory, Practice" from 22.8.2022 to 31.8.2022

• Dr.A.Sreenivasa Rao, Asst Prof attended FDP on "AWS" from 22.08.2022 to 27.08.2022

• B.Raswitha, Asst.Professor/ D.Dakshyani Himabindu, Asst.Prof completed NPTEL Course on "Introduction to Machine Learning".

• J.Sravanthi, Asst.Professor completed NPTEL Course on "Data Science for Engineers".

• IT Faculty attended session on "IPR, Patents and Design Filing" on 19-10-2022

• Dr.N.Sudhakar Yadav, Asst.Prof and S.Murali Mohan, Asst.Prof Attended Session on "General Health Awareness" conducted by NSS VNRVJIET on 21-10-2022

•10 IT Faculty attended Session on "Paradigm Shift in Higher Educational Institutions, Expectations, Opportunities and Challenges" on 01-10-2022.

• Dr.D.Srinivasa Rao, IT HoD attended session on "emerging technologies" conducted by AICTE on 10-11-2022

• Dr D Srinivasa Rao, IT HoD attended session on "Fostering Creativity and Innovation in Technology" conducted by GRIET, Hyd.

• T.Nagarjuna, JCP attended AICTE distinguished chair professor lecture series by Prof Manohar Lal Munjal from 21st -25th November 2022

• T.Nagarjuna, JCP Attended Session on AICTE-DCP Lecture Series conducted by SriKrishna college of Technology from 21 to 25November 2022.

• Dr.N.Sudhakar Yadav, Asst.Prof Attended "TiE Global Summit 2022", Hyderabad from 12-12-2022 to 14-12-2022

• Dr N Manga Thayaru, Professor, Dr D Srinivasa Rao, Assoc.Prof, Dr BVK SeshuKumari,Assoc.Prof attended sessions on "AI, ML, Sensor networks" in ICMACC 2022

• IT Faculty attended session on "Electric Vehicles" on 05.01.2023

• Dr N Sudhakar Yadav, Asst Prof attended Faculty Development Program on "Bibliometric Analysis Systematic Literature Review" at VJIM, Hyderabad on 06.01.2023

• 2 IT faculty attended "Innovation Day" at IIT Hyderabad on 07.01.2023

• 6 IT faculty attended session on "Proposal Preparation" by Dr P.KrishnaKanth, scientist D from DST on 11.01.2023

• Dr N. Sudhakar Yadav, Asst Prof attended "Showcasing of Success Stories of Startups" funded by SISFS, Startup India GoI Awareness on Incubation Ecosystem and Introduction to SISF scheme at ALEP, Pragathi Nagar on 11.01.2023

• Newly joined faculty attended "Induction Programme" from 11.01.2023 to 13.01.2023

• Dr D.Srinivasa Rao, IT HoD attended session on "Semantics in AI(FDP on Artificial Intelligence for Health Care)" on 18.01.2023

• Dr.G.Suresh Reddy, Professor and Dr.N.Sudhakar Yadav, Asst.Prof attended "AWS Empowerment day" at Novotel Hyderabad on 20.01.2023

• S. Murali Mohan, Asst Prof attended "Faculty Enrichment program" at Cognizant, Hyderabad on 23.01.2023

• Dr.N.Mangathayaru, Prof attended FDP on "Foundations and Applications of AI in Healthcare" by ANITS from 16-20 January 2023

• S.Murali Mohan, Asst.Prof attended "Talk On Metaverse – Evolving Technology" at Hi-Tech city on 01.02.2023

• S.Murali Mohan, Asst.Prof attended "Unisys Innovation Road Show programme" at The Park Hotel on 03.02.2023

• T.Nagarjuna, JCP Attended "Online Discussion on AICTE Book on Computer Programming Theory and Practical" on 03.02.2023

• Dr.N.Sudhakar Yadav, Asst.Prof Attended T-HUB Event on 10.02.2023

• IT Faculty attended session on SBI Pension plan delivered by Mr Vijay Bolla,Senior Divisional Manager, Hyderabad on 15.02.2023

• 4 IT Faculty attended FDP on "Natural Language Processing (NLP)" conducted by CS-AIML, VNRVJIET from 13-02-2023 to 17-02-2023.

• 6 IT faculty attended workshop on "Enriching Quality of Academics and Research in Relevance to NEP 2020" on 24th and 25th February 2023

• Dr.N.Sudhakar Yadav, Asst.Prof Attended "AWS Bootcamp" at T-Hub, Hyderabad on 28.02.2023

• Dr.D.Srinivasa Rao, Associate Professor HOD-IT, B.Mathura Bai, Associate Prof, Dr.G.Naga Chandrika, Asst Prof, T.Nagarjuna, JCP Attended FDP on "Recent Trends in Cognitive Science its Applications" from 13-03-2023 to 18-03-2023

• 4 IT faculty attended NITTTR FDP on "Instructional design" from 20.03.2023 to 25.03.2023

•10 IT faculty attended session on "Research opportunities in the transformation towards Digital Ecosystem" on 24.03.2023

• IT faculty attended session on "World Intellectual Property Day" 26.04.2023.

• T.Ravi, Asst.Prof and V.Manoj Kumar, Asst.Prof attended a briefing session on "AICTE virtual internships" conducted by CISCO

• IT faculty attended "Design Thinking and Happiness & Wellness theme" with Dr D.N.Rao on 28.04.2023

• IT Faculty Attended "Tedx Talk" on 02-05-2023

• Dr D Srinivasa Rao, IT HoD and Dr G Madhu, Professor IT attended session by Shri Pankaj Misra about "Emerging Trends in Geospatial Technologies using AI & ML" on 11.05.2023

• 3 IT Faculty attended "Network tools" work shop on 13.5.2023

• Dr.D.Srinivasa Rao, IT HoD/ Dr Mangathayaru, Professor/ and Dr G Madhu, Professor attended session on "Research Problems in CSE and IT" by Prof. C Raghavendra Rao, University of Hyderabad on 19.05.2023

• IT Faculty attended Workshop on "How to write a research proposal for DST Seed division schemes" by Dr.K. Gopi Krishna, Scientist -E, Seed division, DST on 20.05.2023

• Dr.d.Srinivasa Rao, IT HoD and S. Muralimohan, Asst.Prof attended "RISE inauguration" on 22.05.2023

• V.Manoj kumar, Asst.Prof attended "Academic and Industry Prospective on Chatgpt" at Osmania University on 03-02-2023

• 5 IT Faculty attended session on "Induction program" conducted by the Centre for Education Technology(CET,H&S) on 06.06.2023

• S.Kumara Swamy, JCP completed online course on "Firewall" and "Introduction to Cyber Security" from Great learning Academy on August 2022

Events Conducted

• IT department conducted a workshop for IM.TECH on "Network tools" from 13.05.2023 and 20.05.2023

• IT department conducted a guest lecture on "Malware Intrusion Detection in Network" for I M.Tech CNIS Students by Mr. Yogesh, Alumni

• IT Department conducted session on "Importance of GATE" for III-I students by ACE Engineering Academy on 28-10-2022

• IT Department conducted talk on "Mind Power and Management" for I year students on 19-12-2022.

Faculty publications
Papers published in International Journals

S. No.	Name & Designation of faculty	List of Authors	Full title of the paper	Journal name	Volume, Issue, Page No	Date of publication
1	Dr D Srinivasa Rao, Associate Prof	Chandana Nukala, Rajeshwar Rao Thakkallapally, Lahari Anegama, Manish Kumar Ravikanti	Chatbot for Hospital Management System	International Journal of Research in Engineering, Science and Management	Vol.5, Issue 8, PP: 69-73	Aug 2022
2	Sreenivasa Rao Annaluri, Asst Prof	Sreenivasa Rao Annaluri, Venkata Ramana Attili	Enhancing the text mining process by implementing of Average-stochastic gradient descent weight dropped long-short term memory	International Journal of Computer Science and Network Security	VOL.22 No.7 PP:352 - 58.	July 2022
3	Annaluri Sreenivasa Rao, Asst Prof	Attili Venkata Ramana, Annaluri Sreenivasa Rao, Somula Ramasubbareddy	Data classification methodology and pattern analysis for knowledge discovery and data mining	International Journal of Digital Enterprise Technology	Vol.2, Issue1, PP:15-26	3.8.2022
4	Rama subba reddy Somula, Asst Prof	Sudheer Devulapalli, B Venkatesh	Business Analysis During the Pandemic Crisis Using Deep Learning Models	IGI Global	-	Jan 2023

S. No.	Name & Designation of faculty	List of Authors	Full title of the paper	Journal name	Volume, Issue, Pageno	Date of publication
5	Madhu. G, Prof	Madhu, G, Kautish, S. Alnowibet, K.A.,Zawbaa, H.M.. Mohamed, A.W.	NIPUNA: A Novel Optimizer Activation Function for Deep Neural Networks.	SCI	Vol 12, issue 3 246.	28 Feb 2023
6	Madhu, G, Prof	Gupta, R.; Kanungo, P. Dagdee, N. Madhu, G. Sahoo, K.S. Jhanjhi,N.Z. Masud, M. Almalki,N.S AlZain,M.A	Secured, and Privacy-Preserving Multi-Authority Access Control System for Cloud-Based Healthcare Data Sharing.	SCI	Vol 23, issue 5	27 Feb 2023
7	Dr Dasari Kalyani, Asst Prof	Dr Dasari Kalyani,	A Comprehensive Review and Open Issues on Supply Chain Management Models	Journal of Advanced Manufacturing Systems.	WSPC-JAMS-D-22-00151R1.	2023
8	N. Sudhakar Yadav, Asst Prof	P. Neelakantan, N. Sudhakar Yadav	Proficient job scheduling in cloud computation using an optimized machine learning strategy	International Journal of Information Technology	Scopus	2023
9	N.Sudhakar Yadav, Asst Prof	P. eelakantan N. Sudhakar Yadav	An Optimized Load Balancing Strategy for an Enhancement of Cloud Computing Environment	Wireless Personal Communications	SCIE, Scopus	2023

Papers presented in International Conferences:

S.No.	Faculty Name, Designation & Department	List of Authors in the order that appears on the paper	Full title of the paper	Conference in which the paper published	Date/Month & Year of Conference
1	Dr. Dammavalam Srinivasa Rao, IT HoD	Dammavalam Srinivasa Rao	Bitcoin Price Prediction Using Deep Learning	PCCDS 2022, MNIT Jaipur	07/07/2022
2	Dr.G.Madhu, Prof	Dr.G.Madhu	A Deep CNN-based Diagnostic Model for detection of COVID-19 from CT Scan Images	A.J. Institute of Engineering & Technology, Karnataka, India during	July 28–29, 2022.
3	Gunupudi Rajesh Kumar[1]	Gunupudi Rajesh Kumar Dammavalam Srinivasa Rao Ch Ramesh Babu N. Rajasekhar	Object Detection Using Deep Learning	ICICC 2022	19.11.2022
4	Dr G Rajesh Kumar	Gunupudi Rajesh Kumar, Dammavalam Srinivasa Ra1, Ch Ramesh Babu, and Ch. Rohini	Emotion Detection Using Machine Learning And Deep Learning	ICICC 2022	19.11.2022
5	Srinivasa Rao Dammavalam, HoD,IT	N Chandana, T Rajeshwar Rao, A Lahari, B Aparna	AI Based Chatbot for Hospital Management System	ICAN 2022	Jan-2023

S.No.	Faculty Name, Designation & Department	List of Authors in the order that appears on the paper	Full title of the paper	Conference in which the paper published	Date/Month & Year of Conference
6	Dr.G.Naga Chandrika, Asst Prof, IT	G.Naga Chandrika, Amreen, G.Vamshi Krishna Reddy, V.Sai Sandeep, Nikhil Teddu	Dynamic CNN: An Automatic Dynamic Model for Lung Cancer Lesion Detection	ICECCT-2023	22-24 Feb 2023
7	B.Mathura Bai, Associate Professor.	B.Mathura Bai, Mangathayaru N, PadmajaRani B	An Optimized Spectral Clustering Algorithm for Better Imputation of Medical Datasets(OISSC)	7th International Conference on ICT for Intelligent Systems (ICTIS-2023)	27 – 28 April 2023
8	G.Naga Chandrika, Asst Prof, IT	G.Naga Chandrika, Sai Venkata Rohit Gumudavelli, Ashish Kaleru, Vijitha Kambhampati, Pragnika Kandaggattla	Comparative analysis of machine learning algorithms to forecast Indian stock market	ICDSAC 2023	June 23-24, 2023

Student Publications:

S. No.	Student Name, & Roll No.	List of Authors in the order that appears on the paper	Full title of the paper	In which the paper published	Date of Publication
1.	B.Gnyanesh 19071A1283	B.Gnyanesh and B Lalith Bharadwaj	Representational Structure of Neural Networks Trained on Biased and Out-Of-Distribution Data	British Machine Vision Conference (BMVC) 2022	2022
2.	Amreen 19075A1213, G.Vamshi Krishna Reddy 18071A12E2, V.Sai Sandeep 18071A12H6, Nikhil Teddu 18071A12F8	G.Naga Chandrika, Amreen, G.Vamshi Krishna Reddy, V.Sai Sandeep, Nikhil Teddu	Dynamic CNN: An Automatic Dynamic Model for Lung Cancer Lesion Detection	ICECCT-2023	22-24 Feb 2023
3	Sai Venkata Rohit Gumudavelli (19071A1220) Ashish Kaleru (19071A1224) Vijitha Kambhampati (19071A1225) Pragnika Kandaggattla (19071A1226)	G.Naga Chandrika, Sai Venkata Rohit Gumudavelli, Ashish Kaleru, Vijitha Kambhampati, Pragnika Kandaggattla	Comparative analysis of machine learning algorithms to forecast Indian stock market	ICDSAC 2023	June 23-24, 2023

Patents & Book Chapters Filed/Published:

• Dr.G.Madhu, Professor Filed and published Indian Patent on AI-based Prediction Model, Method for theCompressive Strength of Geopolymer Concrete on 01-10-22. Inventors: Dr. RamujeeKolli, Pooja Sadula, Dr.Madhu Golla

• Dr.Y.UshaRani, Asst Prof and the team received design patent by Indian Patent office

• Dr.Sreenivasa Rao Annaluri, Asst prof published a book chapter titled SDN-Supported Edge-Cloud Interplay for Next Generation Internet of Things in the month of December 2022 (1st ed.). Chapman and Hall/CRC. https://doi.org/10.1201/9781003213871

• Dr G Madhu, Professor and Dr G.Naga Chandrika, Asst.Prof, received Design Patent titled " AI Based Smart Pulse Oximeter".

Student association activities

S. No.	Name of the student Association	Dates on which the event was held	Topic	No. Participated
1	ACM	14.02.2023	Code Spree – Coding contest for 1st year students	116
2	ACM	02.09.2022	What is Hackathon for 1st year students	150
3	ACM	31.10.2022 to 02.11.2022	Deep Learning Workshop to 3rd year students	700
4	ACM	03.12.2022	Winter Coding Contest 2.0	3100
5	ACM	21.03.2023	Web 3.0 Workshop on Block Chain Technologies	150
6	ACM	25.03.2023	IGNITE – Motivational Talk & Panel Discussion by Alumni for 2nd IT Students	90
7	ACM	24.03.2023, 27.03.2023 & 28.03.2023	Webathon for 2nd year students	1034
8	ACM	17.03.2023	PYSPACE – Workshop to 1 st year students	150

Certification courses & Training Programs

S. No.	Title of Certificate Course	Targeted students	No of Participant- to whom certificate issued
1	Advanced Coding Skills – Phase 1	II Year II Sem	162
2	Amazon Web Services (AWS)	II Year II Sem	52
3	MEAN Stack Web Development - Backend	II Year I Sem	195
4	Data Science	III Year I Sem	15
5	Cyber Security	III Year I Sem	29
6	Amazon Web Services (AWS)	III Year I Sem	33
7	Advanced Coding Skills – Phase 2	III Year I Sem	118

Results:

S.No	Year	Students appeared	Students passed	Percentage
1	I-I-B.Tech	193	167	86.53%
2	II-I-B.Tech	214	180	84.11%
3	III-I- B.Tech	197	184	93.40%
4	IV-II-B.Tech	198	188	94.95%

Industrial visits

S. No.	Staff/Student	Industry Visited	Date of the Visit	Location of the Industry	No. of students Visited
1	I B.Tech IT-A Students	SEBI Industrial Visit	24.08.2022	Banjara Hills	58
2	II-I IT students	INCOIS	21.10.2022	Pragathi Nagar	55
3	II-I IT-A, III-I Year IT-C students	INCOIS	15.11.2022	Pragathi Nagar	110

Placements in the A.Y (2021-22)

S.No	Company	No. of Studnets
1	TCS	18
2	JPMC	16
3	LTI	15
4	TCS - Ninja	13
5	MEDIAMINT	10
6	OPENTEXT	8
7	CTS	8
8	ACCENTURE	8
9	STATE STREET CORPORATION	7
10	CHUBB	7
11	DELOITTE	6
12	ORACLE	4
13	ADP	4
14	AMAZON	4
15	INNOVA SOLUTIONS (ACS)	4
16	DBS	3
17	COLRUYT	2
18	MICRON	2
19	CAPGEMINI	2
20	CAPGEMINI	2
21	ADVANCED AUTO PARTS	2
22	NCR	2
23	COROMANDAL	1
24	EXPERIAN	1
25	SYNCHRON	1
26	MEDPLUS	1
27	VALUELABS	1
28	INVESCO	1
29	SUREIFY	1
30	FREYR ENERGY SOLUTIONS	1
31	GAINSIGHT	1
32	CTRL S	1

S.No	Company	No. of Studnets
33	TTEC	1
34	Average Salary	1
35	VIGOCARE	1
36	SQUAREYARDS	1
37	INFOSYS	1

Future Plans

• To pursue research work in specified domains like Arttficail Intelligence, image processing, machine learning, software engineering, temporal databases and network security.

• To get funds from funding agencies like DRDO, DST, UGC and AICTE.

• To get NBA accreditation for 5 Years.

• To strengthen the faculty and students in emerging technologies by conducting FDPs, workshops and seminars.

• To strengthen the department in academics, placements and research activities.

Contact Person

Dr. D. Srinivasa Rao, Associate Professor & HOD
Ph: 91-9966232722
E-mail: ithead@vnrvjiet.in

VNR VIGNANA JYOTHI INSTITUTE OF ENGINEERING
AND TECHNOLOGY
BACHUPALLY, HYDERABAD-72
TELANGANA
http://www.vnrvjiet.ac.in/it