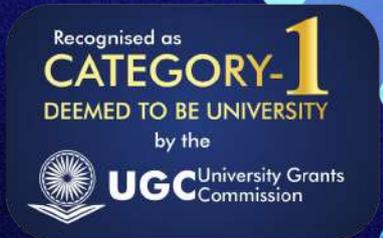
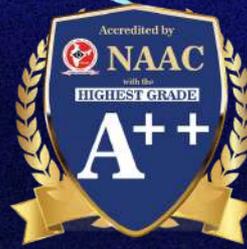




Vel Tech
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)



School of Computing

MAGAZINE ENSIGHT BYTES

Department of Computer Science & Engineering
2024 - 2025



VISION AND MISSION OF THE DEPARTMENT



VISION

To produce intellectual graduates who could contribute significantly in the analysis, design, development, operation and maintenance of complex software systems for meeting the ever-changing requirements of service systems and to compete globally towards professional excellence.

MISSION

- M1:** Design curricula for imparting training in adapting newer computing methods and technologies for providing effective and efficient solutions to the existing / new problems.
- M2:** Emphasizing in-depth knowledge of the subjects by employing Information and Communication Technology (ICT) based pedagogy methods.
- M3:** Creating a conducive research environment for making technological innovations by the faculty and students.
- M4:** Providing leadership skills and professional ethics thereby making a prolific career in academics and industry.

PROGRAM EDUCATIONAL OBJECTIVES

- PEO1:** Formulate, solve and analyze Computer Science and Engineering problems using necessary mathematical, Scientific and engineering fundamentals.
- PEO2:** Demonstrate the impact of cutting-edge technologies to accomplish social and professional responsibilities.
- PEO3:** Demonstrate critical thinking, communication, teamwork, leadership skills and ethical behavior necessary to function productively and professionally.
- PEO4:** Pursue higher education at reputed institution in India and abroad, work in product development companies and engage in lifelong learning.

PROGRAM OUTCOMES (POs)



- PO1: Engineering Knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- PO2: Problem Analysis:** Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development.
- PO3: Design / Development of Solutions:** Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required.
- PO4: Conduct Investigations of Complex Problems:** Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions.
- PO5: Engineering Tool Usage:** Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems.
- PO6: The Engineer and The World:** Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment.
- PO7: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
- PO8: Individual and Team Work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- PO9: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- PO10: Project Management and Finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- PO11: Life-Long Learning:** Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change.

PROGRAM SPECIFIC OUTCOMES (PSOs)



PSO1: Mathematical Concepts: Equipped with the knowledge to infer the mathematical models for problem solving using data structures, design and analysis of algorithms

PSO2: Software Development: Exhibit proficiency to analyze, design and develop applications in various domains to provide solutions using innovative ideas.

PSO3: Transferring Skills: Demonstrate the ability to provide solutions for real world problems through acquaintance and hands-on training.

MAGAZINE

The Department of Computer Science and Engineering (CSE), established in 1997, has grown into a vibrant academic community with a current strength of 4,205 students (including higher semester students). Over the years, the department has continuously evolved to meet the dynamic demands of the computing industry and academic research.

The department is strengthened by a committed faculty team of 313 members, comprising 37 Professors, 63 Associate Professors, 213 Assistant Professors. Their academic excellence, research expertise, and industry exposure ensure high standards in teaching, innovation, and scholarly contributions.

Equipped with state-of-the-art laboratories and modern infrastructure, Students actively participate in professional bodies such as CSI, IEEE-CS, IEEE-PCS, IEEE-WIE, ACM, and ISTE, enhancing their professional exposure and global outlook.

Our graduates have consistently secured placements in leading multinational corporations including Amazon, Cisco, Accenture, Capgemini, Virtusa, Wipro, ZOHO, KAAR Technologies, TCS, Microsoft, Infosys, Cognizant, HP, and Verizon, reflecting the department's strong industry connect and commitment to academic excellence.

For more information, visit: www.veltech.edu.in/cse.



INSTITUTIONAL LEADERSHIP



Col. Prof. Vel. Dr. R. Rangarajan

B.E. (Elec), B.E. (Mech), M.S. (Auto), D.Sc.,
Founder President & Chancellor



Dr. Sagunthala Rangarajan

MBBS
Foundress President



Mrs. Rangarajan Mahalakshmi Kishore

B.Tech, M.Tech, MBA(UK),
Chairperson & Managing Trustee



Prof. Dr. Rajat Gupta

Vice-Chancellor





DEPARTMENT LEADERSHIP



Dr. S P. Chokkalingam

M.Tech, Ph.D

Professor

Dean - School of Computing



Prof. Dr. V. Dhilipkumar

M.E, Ph.D

Professor

Associate Dean - School of Computing



Dr Vijayraj N

M.E, Ph.D

Professor

HoD - Computer Science and Engineering



Dr Muralidhar

M.E, Ph.D

Professor

Asst. HoD - Computer Science and Engineering

EDITOR IN CHIEF

Dr. S P. Chokkalingam
Dean - School of Computing

Prof. Dr. V. Dhilipkumar
Associate Dean - SOC

Dr. M. S. Muralidhar
HoD - CSE

MANAGING EDITORS



Mr. Manivannan D
Assistant Professor(SG) - CSE



Dr. N. Malarvizhi
Professor/CSE

STUDENT EDITORS



BODDU SWAPNAMADHURI
VTU23242



HONEYSH V
VTU25423



SRI DHANAM M K
VTU26284



MAGAZINE

ENSIGHTBYTES



Inaugural Function

The inauguration of Vel Secure Cyber Club is scheduled for January 31, 2025, at Learning Space-2, Block-33. The event, hosted by the School of Computing's Cyber Security department, will feature Mr. Sankar raj Subramanian as the chief guest. It aims to provide a collaborative platform for cybersecurity enthusiasts to engage in hands-on training, competitions, and expert discussions, enhancing their skills in tackling real-world cyber challenges.

Industrial Visits

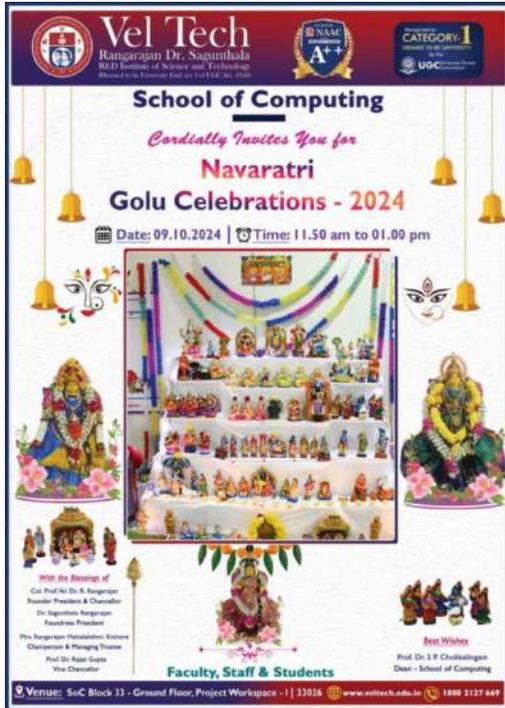
On January 31, 2025, an industrial visit to the Centre for Development of Advanced Computing (C-DAC) is scheduled. It will take place at C-DAC in TIDEL Park, Tharamani, Chennai, starting at 8:30 AM. This visit offers an opportunity to explore the premier research and development organization under the Ministry of Electronics & Information Technology, renowned for its advancements in IT, electronics, and related fields.



MOOCs

Academic Year	Registered Count	Certified	Successfully completed	Elite	Elite+Silver	Elite+Gold
Summer 24-25	1957	1830	914	701	142	32
Winter 24-25	3509	2297	1044	921	282	50

CELEBRATIONS



Golu Celebrations

The School of Computing at Vel Tech University recently hosted a grand Golu Pooja Celebration on 10th October 2024, bringing together students, faculty, and staff to celebrate the rich cultural heritage of Navaratri. The highlight of the event was the meticulously curated Golu display,

showcasing a vibrant arrangement of traditional dolls and figurines. The display creatively combined traditional themes with modern, tech-inspired concepts, reflecting the innovative spirit of the School of Computing. The celebration began with an auspicious pooja ceremony, invoking blessings for knowledge and prosperity. The atmosphere was enlivened by a series of cultural performances, including classical dance, music, and storytelling, all of which captivated the audience and added to the festive spirit.

TANTRAZ'2025

On March 7, 2025, Vel Tech Convocation Hall will host the Technical Festival TANTRAZ'2025, from 09:00 AM to 04:00 PM. Organized by the Department of CSE - SoC, this festival will serve as a platform for exploring and showcasing cutting-edgetechnological, engineering, and innovative developments.



Christmas & New Year Celebrations



The School of Computing at Vel Tech University brought the festive spirit alive with a vibrant Christmas and New Year Celebration on 12th December 2024. The event was a perfect blend of joy, togetherness, and creativity, setting the tone for the upcoming holiday season.

The celebration began with a warm welcome, followed by delightful performances by students and faculty, including carols, dance, and skits that captured the essence of Christmas cheer.

The highlight of the event was a beautifully decorated Christmas tree and an enchanting Santa Claus appearance, spreading smiles and distributing goodies to everyone.

Adding to the festive vibe, the event also featured a New Year countdown segment, where attendees reflected on the accomplishments of the year gone by and shared aspirations for the year ahead.

Placement Cont....



BNP PARIBAS



46	EPIKINDiFi	2
47	Face Prep	16
48	Genpact	28
49	HashedIn Technologies	2
50	HCL	30
51	Hexaware	3
52	Human Managed (Off Campus)	1
53	Ignitarium	2
54	Infinite Computer Solutions	10
55	Infosys	24
56	KAAR	1
57	Kaar Technologies	2
58	Kesh Tech (OFF CAMPUS)	1
59	L&T Technology Services	13
60	LTIMindtree	44
61	WNS	2

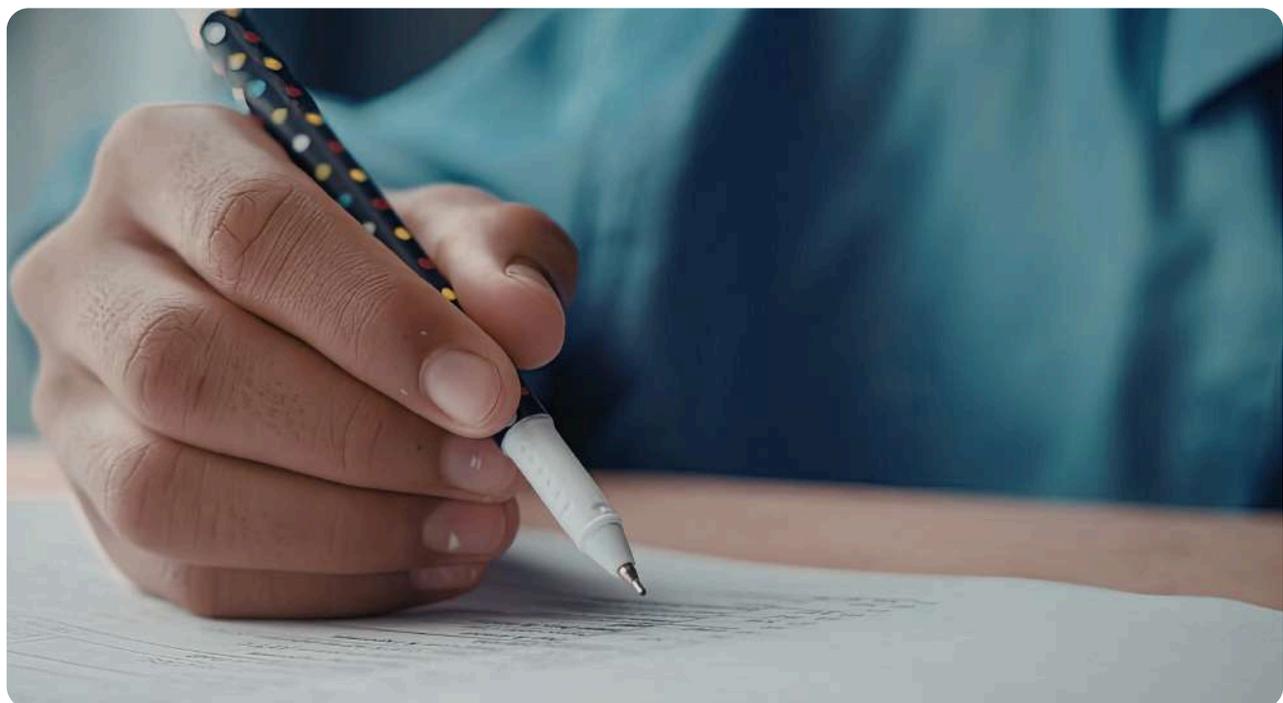
Placement Cont...



Mu Sigma



PUBLICATIONS



HIGHER STUDIES

No.	Name	VTU No.	Program	Country
1	Katra Druva Kumar	VTUI6815	MSc Big Data Mgmt & Analytics	Ireland
2	Mithinti Manikanta Guptha	VTUI7146	MS CS	USA
3	Pasupeleti Esha	VTUI6704	MS Data Science	USA
4	Yedla Praveen	VTUI7901	MS Computer & Info Sci	USA
5	Sudanagunta Venkateswarlu	VTUI2319	MS CS	USA
6	Mandapati Vamsi Krishna	VTUI6968	MSc AI	UK
7	Palleboyina Thulasi Chand	VTUI7292	MS Data Science	USA
8	Allika Manikanta	VTUI8425	MSc Cybersecurity	UK
9	Patel Raghunath Reddy	VTUI2581	MS Computer & Info Sci	USA
10	Prantha Chandra Sarkar	VTUI8709	Master's Data Science	Australia
11	Cherukuri Hari Krishna	VTUI6892	MS CS	USA
12	Mudragada Ravikiran	VTUI7052	MS CS	USA
13	Akula Venkata Himaja Reddy	VTUI8148	MSc AI	Taiwan
14	Penikalapati Sainath Chowdary	VTUI8205	MS CS	USA
15	Varikuntla Pavan Kalyan	VTUI8397	Master's CS	UK
16	Turpunati Praveen	VTUI8413	MSc Cybersecurity	UK
17	Poovendhan Kiddo	VTUI2238	MSc Advanced CS	UK
18	Kaluva Manikanta	VTU21624	MS CS	USA
19	Chilukuri Sai Mani Krishna	VTUI7573	MS Data Science	USA
20	Kota Manish	VTUI7731	MS CS	USA

HIGHER STUDIES Cont...

No.	Name	VTU No.	Program	Country
20	Kota Manish	VTUI773I	MS CS	USA
21	Nalluri Karthik	VTUI773I	Master's CS	USA
22	Nathi Vinay	VTUI773I	MS CS	USA
23	Varshith Murakonda	VTUI773I	MSc AI	USA
24	Valluru Mahesh Kumar	VTUI773I	MSc AI	USA
25	G. Teja	VTUI773I	MS Applied CS	USA
26	B. Lakshmi Teja	VTUI773I	MS Computer & Info Sci	USA
27	Uppalapati Suryaprakash	VTUI773I	MS CS	USA
28	Gajjala Chandana	VTUI773I	MS Data Science	USA
29	Adurti Revanth Kaashyap	VTUI773I	MS CS	USA
30	Uday Kocherla	VTUI773I	Master's CS	USA
31	Thupiri Chanikya	VTUI773I	Master's CS	USA
32	Upputuri Lakshmi Pujitha	VTUI773I	MS Applied CS	USA
33	Durga Sai Sri Ramireddy	VTUI773I	Master's Cybersecurity	USA
34	Rayapudi Trinadh Chowdary	VTUI773I	MS ITPM	USA
35	Kasu Venkata Nagendra Reddy	VTUI773I	MS Computer & Info Sci	USA
36	Mannem Karthik	VTUI773I	MS CS	USA
37	Gadupudi Jaya Prakash	VTUI773I	MS CS	USA
38	Shaik Sazid	VTUI773I	MSc Data Science & Analytics	UK
39	Danaboina Eswar Surya	VTUI773I	MS Computer & Info Sci	USA
40	A. Hari Vara Prasad	VTUI773I	MS CS	USA

HIGHER STUDIES Cont...

No.	Name	VTU No.	Program	Country
41	G. Sai Priya	VTUI7498	MS Data Science	USA
42	G. Thoshan Reddy	VTUI1994	MS CS	USA
43	Lottipittala Achyuth Kumar	VTUI7772	Master's	USA
44	Dommaraju Lahari	VTUI7113	MS CS	USA
45	Y. Hemanth Eswar Kumar	VTUI7591	MSc CS (Placement Year)	UK
46	Ravuri Ganesh	VTUI2057	MS CS	USA
47	Dushyanta Katta	VTUI6927	MS Cybersecurity	USA
48	Kudumula Venkata Bharath Chakravarthi	VTUI8227	MS Data Science	USA
49	Ravi Surya Anantha Rishwanth Patthipati	VTUI7758	MS Data Science	USA
50	Pakala Mohana Pravallika	VTUI5098	MS CS	USA
51	B. Mohan	VTUI5095	MS CS	USA
52	Chinthapalli Mounika	VTUI5110	MS CS	USA
53	Sanke Vamshi	VTUI7548	MS CS	USA
54	Maddela Vinay Kumar	VTUI5367	MS CS	USA
55	Maddala Sravani	VTUI5226	MS CS	USA
56	Cheekati Harika	VTUI2485	MS CS	USA
57	Perumalla Mohan Reddy	VTUI7466	MS CS	USA
58	Pagidimarri Madhavi	VTUI7304	MS CS	USA
59	Shaik Faizullah	VTUI7774	MS CS	USA
60	Shaik Zameer	VTUI7299	MS CS	USA

HIGHER STUDIES Cont...

No.	Name	VTU No.	Program	Country
61	M. Vishnu Vardhan	VTUI7935	MS CS	USA
62	Shaik Saifulla	VTUI7297	MS CS	USA
63	Pilla Sravanthi	VTUI8053	MS CS	USA
64	Shaik Noorjahan	VTUI8049	MS CS	USA
65	Shaik Abdul Rahman	VTUI7505	MS CS	USA
66	Marripudi Deepika	VTUI7183	MS CS	USA
67	Shaik Haneef	VTUI7504	MS CS	USA
68	Shaik Abdul Gafoor	VTUI7296	MS CS	USA
69	Shaik Abdul Khadar	VTUI7300	MS CS	USA
70	Shaik Rafi	VTUI7298	MS CS	USA
71	Shaik Javeed	VTUI7295	MS CS	USA
72	Shaik Abdul Subhan	VTUI7294	MS CS	USA
73	Shaik Hussain	VTUI7503	MS CS	USA
74	Shaik Imran	VTUI7502	MS CS	USA
75	Shaik Kaleem	VTUI7501	MS CS	USA
76	Shaik Nazeer	VTUI7500	MS CS	USA
77	Shaik Sameer	VTUI7499	MS CS	USA
78	Shaik Shafi	VTUI7497	MS CS	USA
79	Shaik Siraj	VTUI7496	MS CS	USA
80	Shaik Yaseen	VTUI7495	MS CS	USA

HIGHER STUDIES Cont...

No.	Name	VTU No.	Program	Country
81	Shaik Zakir	VTUI7494	MS CS	USA
82	Shaik Zubair	VTUI7493	MS CS	USA
83	Shaik Salman	VTUI7492	MS CS	USA
84	Shaik Rahman	VTUI7491	MS CS	USA
85	Shaik Ghouse	VTUI7490	MS CS	USA
86	Shaik Fareed	VTUI7489	MS CS	USA
87	Shaik Firoz	VTUI7488	MS CS	USA
88	Shaik Raju	VTUI7486	MS CS	USA
89	Shaik Baba	VTUI7485	MS CS	USA
90	Shaik Basha	VTUI7484	MS CS	USA
91	Shaik Basha Peer	VTUI7483	MS CS	USA
92	Shaik Kareem	VTUI7482	MS CS	USA
93	Shaik Subhan	VTUI7481	MS CS	USA
94	Shaik Rafiq	VTUI7480	MS CS	USA
95	Shaik Mehboob	VTUI7479	MS CS	USA
96	Shaik Asif	VTUI7478	MS CS	USA
97	Shaik Ibrahim	VTUI7477	MS CS	USA
98	Shaik Osman	VTUI7476	MS CS	USA
99	Shaik Rasool	VTUI7475	MS CS	USA
100	Shaik Azhar	VTUI7474	MS CS	USA

Placements/Higher Studies/Entrepreneurs

Placement Record 2024-2025

S.No.	Company	Count
1	Zoho (Internship)	3
2	Mu Sigma	14
3	CISCO	1
4	Infosys	1
5	ADP India	5
6	Trane Technologies	1
7	Sasken Technologies	1
8	Pascalcase	6
9	Amadeus Labs	1
10	Micromax	1
11	o2h Technology	1
12	Infinite Computer	10
13	HCL	15
14	Cognizant	1
15	Ignitarium	2
16	BNP Paribas	6
17	Aganitha (Off Campus)	1
18	RemitBee	1
19	W3Global	1
20	Face Prep	18
21	HashedIn Technologies	2
22	CGI	1

S.No.	Company	Count
23	Movate	1
24	UST	2
25	Deloitte	3
26	OpenText	3
27	(TCS) Digital	10
28	(TCS) Ninja	120
29	Accenture	46
30	ADP India	9
31	Artech Infosystems	5
32	AtoS	14
33	BNP Paribas	6
34	BNY Mellon	3
35	Capgemini	57
36	CGI	2
37	CISCO	1
38	Cognizant	1
39	Concentrix	29
40	CTS (Gen C Pro)	1
41	CTS (Gen C)	47
42	CTS (GenC Next Select)	1
43	CTS (GenC Select)	6
44	Dellner	2
45	Deloitte	3

S.No.	Company	Count
46	EPIKInDiFi	2
47	Face Prep	16
48	Genpact	28
49	HashedIn Technologies	2
50	HCL	30
51	Hexaware	3
52	Human Managed (Off Campus)	1
53	Ignitarium	2
54	Infinite Computer Solutions	10
55	Infosys	24
56	KAAR	1
57	Kaar Technologies	2
58	Kesh Tech (OFF CAMPUS)	1
59	L&T Technology Services	13
60	LTIMindtree	44
61	WNS	2



Higher Studies

S. No	Name	VTU/VTP/VTA Number	Name of the University	Name of the Program admitted
1	KATRA DRUVA KUMAR	VTU16815	GRIFFITH UNIVERSITY, DUBLIN	MSC, BIG DATA MANAGEMENT AND ANALYTICS
2	MITHINTI MANIKANTA GUPHA	VTU17146	UNIVERSITY OF BRIDGEPORT	CS
3	PASUPELETI ESHA	VTU16704	UNIVERSITY OF TEXAS AT ARLINGTON	DATA SCIENCE
4	YEDLA PRAVEEN	VTU17901	UNIVERSITY OF NORTH TEXAS, DENTON	COMPUTER AND INFORMATION SCIENCES
5	SUDANAGUNTA VENKATESWARLU	VTU12319	WICHITA STATE UNIVERSITY	CS
6	MANDAPATI VAMSI KRISHNA	VTU16968	ANGLIA RUSKIN UNIVERSITY	ARTIFICIAL INTELLIGENCE
7	PALLEBOYINA THULASI CHAND	VTU17292	UNIVERSITY OF TEXAS AT ARLINGTON	DATA SCIENCE
8	ALLIKA MANIKANTA	VTU18425	UNIVERSITY OF HERTFORDSHIRE	MSC CYBERSECURITY
9	PATEL RAGHUNATH REDDY	VTU12581	SACRED HEART UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
10	PRANTHA CHANDRA SARKAR	VTU18709	LA TROBE UNIVERSITY	MASTER'S IN DATA SCIENCE
11	CHERUKURI HARI KRISHNA	VTU16892	TEXAS TECH UNIVERSITY	MS IN COMPUTER SCIENCE
12	MUDRAGADA RAVIKIRAN	VTU17052	UNIVERSITY OF NORTH TEXAS	COMPUTER SCIENCE
13	AKULA VENKATA HIMAJA REDDY	VTU18148	CHANG GUNG UNIVERSITY	ARTIFICIAL INTELLIGENCE
14	PENIKALAPATI SAINATH CHOWDARY	VTU18205	UNIVERSITY OF NORTH TEXAS	COMPUTER SCIENCE
15	VARIKUNTALA PAVAN KALYAN	VTU18397	UNIVERSITY OF HERTFORDSHIRE	MASTER'S IN COMPUTER SCIENCE

S. No	Name	VTU/VTP/VTA Number	Name of the University	Name of the Program Admitted
16	LOTTIPITTALA ACHYUTH KUMAR	VTU17772	ARIZONA STATE UNIVERSITY	MASTERS
17	DOMMARAJU LAHARI	VTU17113	KENT STATE UNIVERSITY	MASTERS IN COMPUTER SCIENCE
18	Y HEMANTH ESWAR KUMAR	VTU17591	UNIVERSITY OF EAST LONDON	COMPUTER SCIENCE
19	RAVURI GANESH	VTU12057	WRIGHT STATE UNIVERSITY	CS
20	DUSHYANTA KATTA	VTU16927	WRIGHT STATE UNIVERSITY	CYBER SECURITY
21	KUDUMULA VENKATA BHARATH	VTU18227	UNIVERSITY OF DELAWARE	MASTERS IN DATA SCIENCE
22	RAVI SURYA ANANTHA RISHWANTH	VTU17758	UNIVERSITY OF DELAWARE	MS IN DATA SCIENCE
23	PAKALA MOHANA PRAVALLIKA	VTU15098	UNIVERSITY OF HOUSTON	COMPUTER SCIENCE
24	KOTA VISHNU VARA PRASAD	VTU16858	TEXAS A&M UNIVERSITY	COMPUTER SCIENCE
25	BALAJI GUBBA	VTU17327	UNIVERSITY CENTRAL MISSOURI	COMPUTER SCIENCE
26	SAKINETI AAYUSH KUMAR	VTU17719	THE GEORGE WASHINGTON UNIVERSITY	COMPUTER SCIENCE
27	N ABHILASH	VTU17483	TEXAS TECH UNIVERSITY	COMPUTER SCIENCE
28	JASWANTH ETHAMOKKALU	VTU18304	UNIVERSITY OF ALABAMA	DATA SCIENCE
29	DIVI NIKHIL	VTU17464	KENT STATE UNIVERSITY	COMPUTER SCIENCE
30	CHAVA JATHIN	VTU16796	UNIVERSITY OF CINCINNATI	MS IN CIS
31	MULPURI RAMA CHANDU	VTU17358	TEXAS TECH UNIVERSITY	COMPUTER SCIENCE
32	CHERUKURI RAJESH	VTU17395	UNIVERSITY OF CINCINNATI	MASTER OF ENGINEERING
33	P PAVAN KALYAN	VTU15338	FLORIDA INTERNATIONAL	COMPUTER SCIENCE
34	PURELLA SRIVANI	VTU17747	FLORIDA INTERNATIONAL UNIVERSITY	COMPUTER SCIENCE
35	MOVVA SIDDHARDHA	VTU17364	UNIVERSITY OF HERTFORDSHIRE	MSC

S. No	Name	VTU/VTP/VTA Number	Name of the University	Name of the Program Admitted
36	POLAMREDDY SREENATH	VTUI8097	EDINBURGH NEPIER	MSC COMPUTING
37	BOLLINENI GAYATHRI	VTUI6893	CLEVELAND STATE UNIVERSITY	MCS
38	TIPPISETTI SIVA PRASANTH	VTUI8426	LAWRENCE TECHNOLOGICAL	CS
39	SATTENAPALLI ADITYA PAVAN	VTUI7388	WORCESTER POLYTECHNIC	AI
40	B. LAXMA REDDY	VTUI5536	UNIVERSITY OF NEW HAVEN	DATA SCIENCE
41	SADINENI RAMYASRI	VTUI6931	UNIVERSITY OF CENTRAL	CSE
42	MALLEMPATI CHANDU	VTUI7412	KENT STATE UNIVERSITY	COMPUTER SCIENCE
43	PASUPULETI BALAESWARAIAH	VTUI6730	UNIVERSITY OF TEXAS	DATA SCIENCE
44	SAI RAM THANGELLA	VTUI7730	VIRGINIA COMMONWEALTH	MASTERS IN COMPUTER SCIENCE
45	KUCHANA SRIKAR	VTUI7714	VIRGINIA COMMONWEALTH	CS
46	K. VINAY KUMAR	VTUI7584	FLORIDA ATLANTIC	CS
47	RAVINDRA BABU POTLA	VTUI7086	FLORIDA ATLANTIC	CIS
48	BOLLIGARLA MOHAN KRISHNA	VTUI7613	TEXAS STATE UNIVERSITY	DAIS
49	SURABHI SAI PREETHAM	VTUI1995	MIDDLE TENNESSE STATE UNIVERSITY	CS
50	VAKALAPUDI SRIMANNARAYAN	VTUI6980	UNIVERSITY OF NORTH TEXAS	CSE
51	MANNEPU SRI SATYA SAI KOWSHIK	VTUI5969	COVENTRY UNIVERSITY	MSC IN DATA SCIENCE
52	JOY MERLIN S	VTUI2037	CHANG GUNG UNIVERSITY	AI & ML
53	H B PUDHINRAJ	VTUI2097	SOUTHERN TAIWAN	GLOBAL MBA
54	B. MANOGNA	VTUI7078	UNIVERSITY OF DELAWARE	DATA SCIENCE
55	KOVI SAI VENKATA AKSHAY	VTUI7330	WRIGHT STATE UNIVERSITY	MASTERS IN COMPUTER

S. No	Name	VTU/VTP/VTA Number	Name of the University	Name of the Program admitted
56	GUNNALA VIGNESH	VTUI2580	TECHNOLOGICAL UNIVERSITY	DATA ANALYTICS
57	PAVAN KOTHAKOTA	VTUI7336	WRIGHT STATE UNIVERSITY	MS IN CS
58	RAMISETTY SAIRAM	VTUI8050	UNIVERSITY OF ALABAMA	COMPUTER SCIENCE
59	MAREDDY RAKESH REDDY	VTUI7173	UNIVERSITY OF ALABAMA	CS
60	A L S S KISHORE KUMAR	VTUI8046	UNIVERSITY OF NORTH TEXAS	ADVANCE DATA ANALYTICS
61	G ASHWINN REDDY	VTUI2409	NEW YORK INSTITUTE OF TECHNOLOGY	MS IN DS
62	BALGAM NITHIN	VTUI7736	AUBURN UNIVERSITY	CS
63	KATA MOULI SUDHARSHAN NAIDU	VTUI8119	TEXAS A & M UNIVERSITY KINGSVILLE	CIS
64	TATIPATRI CHAKRADHAR REDDY	VTUI5064	UNIVERSITY OF CENTRAL MISSOURI	MS
65	GADIRAJU SREENIVASA RAJU	VTUI7728	UNIVERSITY OF NORTH CAROLINA AT CHARLOTTE	MASTER'S IN CS
66	MEDISHETTI SAIVINAY VARMA	VTUI2424	TEXAS A&M UNIVERSITY CORPUS CHRISTI	COMPUTER SCIENCE
67	RAJASEKHARA REDDY BOGGULA	VTUI7184	LAWRENCE TECHNOLOGICAL UNIVERSITY	CS
68	GURUDEEP REDDY ALAVALA	VTUI7196	OKLAHOMA CITY UNIVERSITY	CYBER SECURITY
69	VANGA KOUSHIK TEJA	VTUI7456	UNIVERSITY OF HOUSTON	MS IN DATA SCIENCE
70	CHINTAPALLI ASHOK	VTUI7485	UNIVERSITY OF NORTH TEXAS	MASTERS IN CS
71	P VINAY SANKAR	VTUI7465	WICHITA STATE UNIVERSITY	DATA SCIENCE
72	SAI RAM.CHITTEM	VTUI7380	UNIVERSITY OF HERTFORDSHIRE	MSC DATA SCIENCE
73	VARI BABI VENKATA SAI REDDY	VTUI8112	GRIFFITH COLLEGE DUBLIN	MSC DATA SCIENCE

24-25 Articles

“



VTU20413

MERUVA VENKATA SUBBARAYUDU

- The Future of Robotics

Robotics is one of the fastest-growing technologies in the modern world. Robots are no longer limited to industrial manufacturing; they are now used in healthcare, agriculture, space exploration, and even household activities. Surgical robots assist doctors in performing complex operations with high precision, while agricultural robots help farmers monitor crops and improve productivity.

Advancements in artificial intelligence and machine learning have made robots smarter and more efficient. Robots can now recognize objects, understand human commands, and adapt to changing environments. Despite these benefits, there are concerns about job displacement and ethical use of robotics. However, robots are more likely to assist humans rather than replace them completely.

In the future, robotics will continue to transform industries and improve the quality of life by performing tasks that are difficult, dangerous, or repetitive for humans.

”

VTU20414

ADABALA HEMA SAI KAVYA

- Digital Learning in the Modern Era

Digital learning has transformed the traditional education system. With the help of online platforms, students can now access lectures, assignments, and educational resources from anywhere in the world. This flexible learning approach allows students to study at their own pace.

Educational technologies such as video lectures, interactive simulations, and online assessments have made learning more engaging and effective. Digital classrooms also encourage collaboration through discussion forums and virtual meetings. However, digital learning also presents challenges such as internet connectivity issues and reduced face-to-face interaction. It is important to maintain a balance between online and offline learning methods.

Overall, digital learning provides new opportunities for students to gain knowledge and develop skills in a technology-driven world.



24-25 Articles

“



VTU20416

VEGI VENKATA SATHYA HEMA SUNDAR

- Internet of Things (IoT) and Smart Living

The Internet of Things (IoT) refers to a network of interconnected devices that communicate and share data through the internet. These devices include smart home appliances, wearable gadgets, security cameras, and industrial sensors.

IoT technology makes daily life more convenient and efficient. For example, smart thermostats can automatically adjust room temperature, while wearable fitness trackers monitor physical activity and health conditions. In agriculture, IoT sensors help farmers monitor soil moisture and improve crop production. Cities are also adopting IoT for smart traffic management, energy conservation, and waste management systems.

Despite its advantages, IoT raises concerns about data security and privacy because large amounts of data are continuously collected. Proper security mechanisms are essential to protect user information. IoT is expected to play a major role in building smart homes, smart industries, and smart cities in the future.

”

VTU20420

PRATHIPATI SIVA NAGA ALEKHYA

- The Power of Positive Thinking

Positive thinking plays a crucial role in achieving success and maintaining mental well-being. It helps individuals face challenges with confidence and optimism. A positive mindset allows people to focus on solutions rather than problems.

Students often experience stress due to academic pressure and personal challenges. Maintaining a positive attitude helps them overcome obstacles and stay motivated. Positive thinking also improves relationships, communication, and teamwork.

Practicing gratitude, setting realistic goals, and surrounding oneself with supportive people can help develop a positive mindset. While challenges are a natural part of life, the way individuals respond to them determines their success. Positive thinking does not mean ignoring problems but approaching them with determination and hope. A positive outlook can inspire growth, resilience, and happiness in both personal and professional life.



24-25 Articles

“



VTU2042

I DEVARAPU LAKSHMI TEJASWINI

- Women Empowerment in Modern Society

Women empowerment refers to providing equal opportunities, rights, and respect for women in all aspects of life. In modern society, women are achieving remarkable success in fields such as education, science, business, politics, and technology. Education plays a key role in empowering women by providing knowledge, confidence, and independence. Many organizations and governments are working towards promoting gender equality and supporting women's participation in leadership roles.

Empowered women contribute significantly to economic growth, social development, and innovation. However, challenges such as gender discrimination and unequal opportunities still exist in some areas. Encouraging education, skill development, and supportive policies can help create a more inclusive society. Empowering women not only benefits individuals but also strengthens families, communities, and nations.

”

VTU20423

SETTIPALLE ANIL KUMAR REDDY

- Green Computing for a Sustainable Future

Green computing focuses on designing, using, and disposing of computer systems in an environmentally friendly manner. With the increasing use of electronic devices, energy consumption and electronic waste have become major environmental concerns. Green computing encourages energy-efficient hardware, reduced power consumption, and proper recycling of electronic equipment. Many organizations are adopting energy-saving technologies such as power management systems and eco-friendly data centers.

Individuals can also contribute by turning off unused devices, reducing paper usage, and recycling old electronics responsibly. By adopting green computing practices, we can reduce carbon emissions and minimize environmental damage. Technology should not only focus on innovation but also on sustainability. Promoting green computing ensures that future generations can enjoy technological advancement without harming the environment.



24-25 Articles

“



VTU20424
DAVULURI VENKATESH

- Importance of Physical Fitness

Physical fitness plays a vital role in maintaining a healthy lifestyle. Regular exercise improves strength, flexibility, and overall well-being. Activities such as walking, jogging, yoga, and sports help maintain physical and mental health. In today's digital world, many people spend long hours sitting and using electronic devices. This sedentary lifestyle can lead to health issues such as obesity, stress, and fatigue.

Students should include physical activities in their daily routine to maintain good health and concentration. Exercise also improves mood, reduces stress, and increases energy levels. A healthy body supports a healthy mind.

By practicing regular physical activity and balanced nutrition, individuals can lead a more productive and fulfilling life.

”

VTU20425
YEMINENI VASANTHA GOUD

-The Value of Reading Books

Reading books is one of the most effective ways to gain knowledge and develop critical thinking skills. Books provide information, inspiration, and new perspectives on various subjects. Regular reading improves vocabulary, concentration, and communication skills. It also stimulates imagination and creativity. Students who develop a reading habit often perform better academically.

In the digital age, many people prefer quick information through social media or online articles. However, books offer deeper understanding and comprehensive knowledge. Libraries, digital reading platforms, and educational institutions should encourage reading habits among students. A good book can educate, inspire, and transform the way people think.



24-25 Articles

“



VTU20426

SANLURU GURU GIRIDHAR KUMAR

Leadership Skills for Students

Leadership is the ability to guide and motivate others toward achieving a common goal. Developing leadership skills during student life helps individuals become confident and responsible professionals in the future.

Student leaders often organize events, coordinate teams, and manage responsibilities in academic and extracurricular activities. These experiences improve decision-making, communication, and teamwork skills.

Effective leaders listen to others, respect different viewpoints, and encourage collaboration. Leadership is not only about authority but also about responsibility and service.

By participating in clubs, student organizations, and community activities, students can develop valuable leadership qualities that will benefit them throughout their careers.

”

VTU20430

KATAKAM BHAVYA JYOTHI

-Importance of Mental Health Awareness

Mental health is as important as physical health, yet it is often overlooked. Stress, academic pressure, and personal challenges can affect the mental well-being of students. Mental health awareness encourages individuals to recognize emotional difficulties and seek support when needed. Talking to friends, family members, or counselors can help manage stress and anxiety.

Practicing relaxation techniques, maintaining a balanced lifestyle, and engaging in hobbies can also improve mental health. Educational institutions should promote awareness programs that support emotional well-being and reduce stigma around mental health issues. By prioritizing mental health, individuals can maintain better relationships, improve productivity, and lead happier lives.



24-25 Articles

“



DR. RAVIKUMAR S
Associate Professor
TTS2096

Ethical Issues in Artificial Intelligence

Introduction

Artificial Intelligence (AI) has become one of the most influential technologies of the modern era. From healthcare and finance to education and transportation, AI systems are transforming the way organizations operate and make decisions. While these technologies offer numerous benefits, they also raise important ethical concerns. As AI continues to grow in capability and influence, it becomes essential to ensure that these systems are developed and used responsibly, with careful consideration of ethical principles.

Understanding Ethical Concerns in AI

Ethical issues in AI arise when automated systems make decisions that affect individuals, organizations, or society as a whole. Unlike traditional software systems, AI technologies often learn from large datasets and make predictions or decisions without direct human intervention. This creates concerns regarding accountability, fairness, and transparency.

For example, AI systems used in hiring processes, financial decision-making, or law enforcement may unintentionally produce biased results if they are trained on incomplete or biased data. Such outcomes can lead to unfair treatment of certain groups, highlighting the importance of ethical oversight in AI development.

Bias and Fairness in AI Systems

One of the major ethical challenges in AI is algorithmic bias. AI systems learn patterns from the data used to train them. If the training data reflects historical biases or social inequalities, the AI system may replicate or even amplify these biases in its decisions.

Ensuring fairness in AI requires careful data selection, regular evaluation of algorithms, and the development of guidelines that promote equal treatment for all individuals. Researchers and developers must actively work to detect and reduce bias in AI systems to ensure they are fair and inclusive.

24-25 Articles

“



DR. MANIKANDAN N K
Associate Professor
TTS2065

Cybersecurity Challenges in the Digital Era

Introduction

In the modern digital world, information technology has become an essential part of everyday life. Businesses, governments, educational institutions, and individuals rely heavily on digital platforms for communication, financial transactions, and data storage. While these advancements have improved efficiency and connectivity, they have also increased the risk of cyber threats. Cybersecurity has therefore become a critical area of concern in protecting digital systems, networks, and sensitive information from unauthorized access and malicious attacks.

Growing Cyber Threats

As the use of the internet and digital technologies expands, cyber threats are becoming more frequent and sophisticated. Cybercriminals use various techniques such as phishing, malware, ransomware, and data breaches to exploit vulnerabilities in computer systems. These attacks can lead to financial losses, data theft, and disruption of services.

Phishing attacks, for example, involve sending deceptive emails or messages that appear to come from trusted sources. These messages often trick users into revealing confidential information such as passwords or banking details. Similarly, ransomware attacks lock users out of their systems and demand payment to restore access to their data.

Impact on Organizations and Society

Cyber attacks can have serious consequences for organizations and society as a whole. Businesses may suffer financial losses, damage to their reputation, and interruption of their operations. In sectors such as banking, healthcare, and government services, cyber attacks can compromise highly sensitive data and disrupt critical services.

Healthcare systems, for instance, store confidential patient information that must be protected from unauthorized access. Similarly, financial institutions must ensure the security of online transactions and customer data. A successful cyber attack in these sectors can have far-reaching consequences for individuals and communities.

EDITOR IN CHIEF

Dr. S P. Chokkalingam
Dean - School of Computing

Prof. Dr. V. Dhilipkumar
Associate Dean - SOC

Dr. M. S. Muralidhar
HoD - CSE

MANAGING EDITORS



Mr. Manivannan D
Assistant Professor(SG) - CSE



Dr. N. Malarvizhi
Professor/CSE

STUDENT EDITORS



BODDU SWAPNAMADHURI
VTU23242



HONEYSH V
VTU25423



SRI DHANAM M K
VTU26284





Be the light that
shines, even when
the world feels dark.



“

**LEARN TO
LET GO OF
THE THINGS
YOU
CANNOT
CHANGE**

”