

Department of Information Technology

Newsletter

The Vision of the department is:

"To produce high potential Information Technology professionals for the society".

The Mission of the department is:

- To Nurture the graduates interpersonal, intrapersonal, technical and entrepreneurial skills.
- To Equip the graduates with the knowledge and skills required to contribute significantly to the industry.
- To Develop applications to solve socio and economic problems.

Program Educational Objectives (PEO's)

PEOs of the program are articulated as: Graduates will

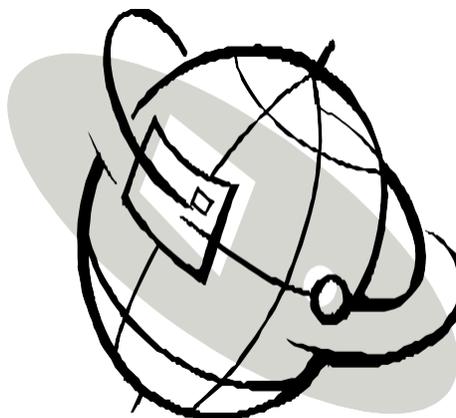
PEO 1: have a thorough knowledge in fundamental areas of mathematics, engineering sciences, basic sciences and computer science to solve the practical and useful problems.

PEO 2: become successful professionals with analytical, design and laboratory skills along with effective communication and collaborative skills.

PEO 3: understand the ethical, social, and global issues associated with the computing field.

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**Industrial Research Projects in Progress**

- Research project on 'Attendance Management System Based on Face Recognition' of Dr. V. Sesha Srinivas is in progress.
- Research project on 'Hiding E-Maps using image Steganography' of Dr. M. Pompapathi is in progress.

Patents Published

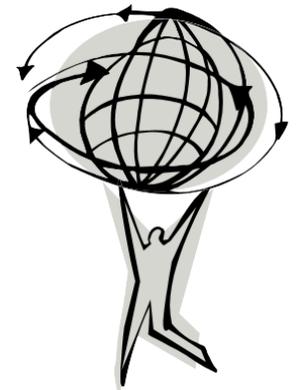
- G. Srinivasa Rao, N. Neelima, V. Venkata Srinivasu, G.Swetha, published a patent on 'Method and system for providing blockchain-based secure data sharing and collaboration platform,' Application No: 202341067412, Nov. 24, 2023.

Research Paper Publications

- A. Uday Kumar, B. Hemantha Kumar, 'Hybrid optimization of OLSR routing protocol in MANETs: uniting genetic algorithm and particle swarm optimization', International Journal of Intelligent System and Applications in Engineering, Vol. 11(3), 131–141, 2023, <https://ijisae.org/index.php/IJISAE/article/view/3150>.
- Bh. Krishna Mohan, M. Durairaj, Ch.Suneetha, 'Prediction of financial time series using deep learning hybrid model techniques', International Journal of Natural Sciences, Vol.14(79), Aug. 2023, 57911–57923, ISSN: 0976-0997.
- V. Venkata Srinivasu, Suban Ravichandran, G. Rama Mohan Babu, 'Deep learning-based prediction of age and gender from facial images', Ingénierie des Systèmes d'Information, Vol. 28(4), 1013–1018, Aug. 2023. ISSN: 1633-1311, <https://doi.org/10.18280/isi.280421>.
- D. Ravi Babu, A. Srikrishna, 'Silhouette vanished contour discovery of aerial view images by exploiting pixel divergence', IAES International Journal of Artificial Intelligence (IJ-AI), Vol. 12(3), 1312–1322, Sep. 2023, ISSN: 2252-8938, <http://doi.org/10.11591/ijai.v12.i3.pp1312-1322>.
- A. Uday Kumar, B.Hemantha Kumar, 'A comparative analysis of OLSR routing protocol based on PSO and cuckoo search optimization (CSO) in MANETs', International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 11(8s), 483–490, 2023. DOI:10.17762/ijritcc.v11i8s.7229.
- M. Durairaj, Ch. Suneetha, Bh. Krishna Mohan, 'Financial time series prediction using deep computing approaches', Journal of Autonomous Intelligence, Vol.6(1), 1–19, 2023. doi:10.32629/jai.v6i1.558.
- Jaideep Gera, R. Venkata Kishore Kumar, G.Rajesh Chandra, K. Jagan Mohan, D.Anand, K.Chandana, 'An artificial intelligence (AI) framework for detection of distributed reflection denial of service attacks' International Journal on Recent and Innovation Trends in Computing and Communication, Vol. 11(9), 3539–3545, Sep. 2023. ISSN: 2321–8169, DOI: <https://doi.org/10.17762/ijritcc.v11i9.9574>.
- J. Ravidra Babu, Bhargavi Peddi Reddy, V. Sessa Srinivas, A. L. Sreenivasulu, K.V.S.S Rama Krishna, D.N.V. Satyanarayana, C. D. Varaprasad, 'Current challenges and future directions in artificial intelligence for imaging informatics', Journal of Theoretical and Applied Information Technology, Vol.101(21), 6801-6809, November 2023, <http://www.jatit.org/volumes/Vol101No21/12Vol101No21.pdf>.

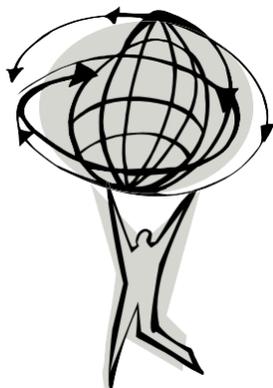
“The purpose of education is to replace an empty with an open one.”

-Malcolm S.Forbes



“Education is the most powerful weapon which you can use to change the world..”

-Nelson Mandela



- G. Swetha, G. Srinivasa Rao, V. Venkata Srinivasu, Y.Madhulika, R.S.M. Lakshmi Patibandla, ‘Secure data sharing in cloud computing: a comprehensive survey of two-factor authentication and cryptographic solutions’, *Ingénierie des Systèmes d’Information*, Vol. 28(6), 1467–1477, Dec. 2023, <https://www.iieta.org/journals/isi/paper/10.18280/isi.280604>.
- ZebaRushi, Vani Ramesh, Menka Sharma, Bh. Krishna Mohan, V. R. Sudindra, Aditya Prasad Sahoo, ‘Financial economic risk analysis on effectiveness system in corporate for marketing’, *World Journal of Management and Economics*, Vol. 16(10), 21-29, Oct. 2023, ISSN: 1819– 8643.
- T. J. Prasanna Kumar, J. Surendra, P. Anusha, M.Babu Prasad, B. Manasa, K. Praveen Kumar, P. Anil Kumar, ‘Engendering finest test cases by using genetic algorithm variant SSGA’, *Journal of Theoretical and Applied Information Technology*, Vol. 101(24), 8328-8337, Dec.2023.ISSN:1992-8645.

Guest Lectures Organized

- Guest lecture on ‘ERP- Oracle Fusion: A Journey from Lemonade to Corporate Giants’ was organized for III/IV, B.Tech., IT students on Sep. 25, 2023. Resource persons Mr.Karthik and Ms.K.Santhi, Senior Principal Consultants, Oracle Corporation, Hyderabad, shared their knowledge with the students.
- Guest lecture on ‘Demystifying the Power of AI’ was organized for III/IV, B.Tech., IT students on Sep. 26, 2023. R.Keshavand Niranjana Neelakantan, Associate Consultants, Oracle, was the resource person.
- Guest lecture on ‘Java in Focus: From Basics to Brilliance for Engineering Minds’ by Nivedita Parihar and Pankaj Tiwari, Oracle Corporation, Hyderabad, was organized for III/IV, B.Tech, IT students, Sep. 27 - 28, 2023.
- A guest lecture on ‘Foundations of Cybersecurity: Essential Principles and Practices’ by Somasekhar, Senior Principal Consultant, Gowthami Gowda J S Senior Principal Consultant, VidishaShet, Oracle Corporation, Hyderabad, was organized for III/IV, B.Tech IT students on Sep. 29, 2023.

Workshop Organized

- Two day national level online workshop on ‘Full stack web application development’ was organized for the faculty, 22-23 September, 2023. Resource Persons Mr. P. Siva Krishna, Senior Principal Software Engineer, Mr. Lakshmi Narendra Naidu, Lead Software Engineer, Creditvidya, Hyderabad, Dr. B. Hemantha Kumar, Professor, and Mr. B. Venkateswarlu, Assoc.Prof, Dept. of IT, R.V.R & J.C.C.E. shared their knowledge with the faculty members.

Paper Presentation in Conferences

- N. Tahgore Bala Channakya, T. Teja Sai Nadh Reddy, A. Srikrishna, 'A robust edge detector in the presence of impulse noise', 14th International Conference on Computing Communication and Networking Technologies (ICCCNT-2023), Delhi, July 06-08, 2023.

FDPs / Workshops Attended

- V.Venkata Srinivas, three day FDP on 'Recent Trends and Research Methodologies in Information Technology', Department of IT, AIT, Coimbatore, July.24-26, 2023.
- V. Sessa Srinivas, N. Neelima, A.Yaswanth Kumar, K. Chandana, one month online FDP on 'Internet of Things', Pantech e Learning Pvt Ltd, Chennai, July12 – Aug. 12, 2023.
- K. Chandana, two day training on 'Induction Training for Young Faculty', ISTE chapter, RVRJCCE, July. 26-27, 2023.
- M.Pompapathi, three day Online FDP on 'Data Science and its Applications', Department of CSDS, BEC, Aug. 07-09, 2023.
- I.NagaPadmaja, B.Manasa, V.Venkata Srinivas, Bh.Krishna Mohan, G. Swetha, A.Sambasiva Rao, K. Chandana, six day FDP on 'Data Science and Analytics' sponsored by MeitYGoI organized by E&ICT Academy, NIT Warangal and RVRJCCE, Aug. 09-14, 2023.
- M.Pompapathi, G.Srinivasa Rao, M.V.Bhujanga Rao, V.Venkata Srinivas, five day FDP on 'Cloud Infrastructure(AWS)' RVRJCCE in collaboration with Brainovision Solutions India Pvt Ltd & AICTE, Aug. 21-25, 2023.
- N. Neelima, one month online FDP on 'Java Full Stack', Pantech e Learning Pvt Ltd, Chennai, Aug. 16 – Sep.16, 2023.
- All faculty members, two day online National level workshop on 'Full Stack Web Development', Department of IT, RVRJCCE, Sep. 22-23, 2023.
- B.Manasa, one month online FDP on 'Machine Learning', Pantech e Learning Pvt Ltd, Chennai, Sep. 1-30, 2023.

PhD Awarded

- G.Swetha, Assistant Professor was awarded Ph.D. degree from Visvesvaraya Technological University, Bangalore, for her thesis on 'Data Security Protection Mechanism for Cloud Storage System with Factor Revocability Using Encryption for Efficient Communication' under the guidance of Dr.Amrutharaj Joyson on July 22, 2023.



“Teachers open door,
but you must enter by
yourself.”



“Anyone who has never made a mistake has never tried anything.”

-Albert Einstein

- Bh.Krishna Mohan, Assistant Professor was awarded Ph.D. degree from Bharathidasan University for his thesis on ‘Predictive paradigmatic on chaotic financial time series applying deep Learning hybrids’ under the guidance of Dr. M. Durairaj on Aug. 02, 2023.

Industrial Tour visits

- The IT Department organized a short industrial visit for III B.Tech., students to Satish Dhawan Space Centre SHAR (ISRO), Sriharikota, Nellore on Nov.16,2023.

Faculty Promotions

- Dr.A.Yaswanth Kumar was promoted as Associate Professor in the Department of Information Technology on July 1, 2023.

Student Activities/Chapters

- InformaTriX club organized two day programming contest ‘Code A Thon-2023’, Nov. 22–23, 2023. The contest was open for all the branches of engineering. Nearly 416 students participated in prelims, out of these 33 teams shortlisted for mains. Cash prize worth Rs.3,000/- was distributed for winners.
- Intra Departmental Coding Contest (IDCC) club was conducted coding contest on Oct. 6, 2023. Cash prizes worth Rs.3,250/- was distributed for winners.



Placement List for the academic year 2022-23

S.No	Regd .No	Student Name	Company Name
1	L20IT129	ARJA ASWINI	SKILLBUZ
2	L20IT133	YAMUNA PARVATHI KHAREEDU	TCS-N
3	L20IT134	KORRAPATI VENKATA KISHORE	TCS-N
4	L20IT137	SAYANA MOUNI	CTS GENC
5	Y19IT002	AMISIGADDA BHARGAV	HCL / ACCENTURE
6	Y19IT005	BHAVANA SAI MEDASANI	CTS GENC PRO
7	Y19IT006	BHOGANADHUNI BINDU MADHAVI	TCS-N / HEXAWARE
8	Y19IT007	BODA VINEELA	CTS C / HCL / ACCENTURE
9	Y19IT009	GRUHALAKSHMI BURRI	TCS-N
10	Y19IT011	CHENNURI ASHOK REDDY	DELTA TECHNOLOGY
11	Y19IT013	CHIDIPOTHU SANTOSHI	TCS-N / CTS E
12	Y19IT014	CHIDUPUDI ASHISH REDDY	HEXAWARE
13	Y19IT015	CHINDU KISHORE	DELTA TECHNOLOGY / TECHMAHINDRA
14	Y19IT016	CHINNI TEJA SRINIVAS	CTS E / QUINBAY / HEXAWARE / EFFTRONICS
15	Y19IT018	CHITRAM ANAND	CTS GENC
16	Y19IT019	CHITTEMSETTY NAGA SRAVANI	HEXAWARE
17	Y19IT021	CH MOUNIKA	CTS C
18	Y19IT022	DADI SOWJANYA	CTS C
19	Y19IT023	DAGGUPATI DHRAKSHAYANI DEVI	CTS E
20	Y19IT024	DARAPANENI AKHIL	QUINBAY
21	Y19IT025	D UDAYA SANTHI	TCS-N / CTS C / INNOVA SOL.
22	Y19IT027	DOPPALAPUDI SIVA RAMA KRISHNA	PINCLICK
23	Y19IT028	DUGGINA SRI SAI SUMANTH	ACCENTURE / QUINBAY
24	Y19IT029	GANAPAVARAPU SAI SURYA PRASANTH KUMAR	TCS-N / EPAM / ACCENTURE A
25	Y19IT030	GANGAVARAPU BALA KISHORE	THIS / INNOVA SOL. / PEOPLEHUM TECHNOLOGIES
26	Y19IT031	GARIKAPATI.BHUMIKA	HCL / HEXAWARE / FACE
27	Y19IT032	GARIKAPATI SAI SRAVANI	TCS-N / CTS GENC PRO
28	Y19IT033	GOGINENI BHAVITHA SRI	HCL / HEXAWARE / CTS GENC PRO
29	Y19IT034	GOGINENI NAVYA SREE	ACMEGRADE
30	Y19IT035	GOGINENI RASAGNA CHOWDARY	EDYODA
31	Y19IT037	GOLI SASIDHAR	CTS C
32	Y19IT041	JANJANAM MEGHANA	TCS-DH

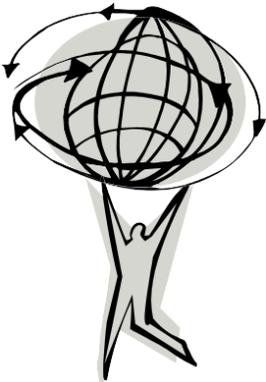


“The future depends on what you do today.”

-Mahatma Gandhi

“Continuous learning is the minimum requirement for success in any field.”

-Brain Tracy



33	Y19IT042	JASWANTH BOLLEPALLI	HCL / HEXAWARE
34	Y19IT044	JONNALAGADDA MANIKANTA	ACCENTURE / HEXAWARE (6 L)
35	Y19IT045	K. SRIMANI	CTS C / HEXAWARE
36	Y19IT046	KAJA.PRIYANKA	TCS-N
37	Y19IT047	GAYATHRI.KAKANI	HCL / THIS
38	Y19IT048	KALERU SONIKA	ACCENTURE
39	Y19IT049	KALISSETTY VAMSI SASHANK	TCS-DH / EPAM
40	Y19IT050	KAMEPALLI SAHITHI	HEXAWARE
41	Y19IT052	KANAMARLAPUDI MOUNIKA	ACCENTURE / HEXAWARE
42	Y19IT053	KANDULA SUNEEL KUMAR	SIGHTPLANT
43	Y19IT055	K.SAILAJA	ACCENTURE
44	Y19IT056	KATABATTULA BHARATH	TCS-N / HEXAWARE / EFFTRONICS
45	Y19IT057	K.ANUHYA	TCS-N / HCL
46	Y19IT058	KATAM VENKATESH	ACCENTURE
47	Y19IT059	KOLLURI SAI KRISHNA	HEXAWARE / CTS GENC PRO
48	Y19IT061	KOMMURI.MUKUNDA PRIYA	ACCENTURE
49	Y19IT062	KONDA HARSHAVARDHAN	CTS GENC
50	Y19IT063	K.TEJA SRI	HEXAWARE
51	Y19IT064	KUCHI HARSHINI	TCS-N
52	Y19IT065	K.RATNA KUMAR	TCS-N / HCL / ACCENTURE
53	Y19IT066	MADALA HEMA SUDHA VARSHINI	HCL / HEXAWARE / OSI DIGITAL
54	Y19IT069	MADHURI KOMMALAPATI	HCL(MAIL PROOF)
55	Y19IT071	MANUKONDA LAASYA	HCL / ACCENTURE
56	Y19IT073	MENDEM BHARATH	HCL
57	Y19IT074	MOHAMMED TAHIR MOHIUDDIN	TCS-N
58	Y19IT076	MUPPALLA BHANU PRAKASH	CTS C / HEXAWARE
59	Y19IT078	NADA DAISY LUDIA	CTS C / TECH MAHINDRA / TCS- DH
60	Y19IT080	NARNE JOSHI RAM	ACCENTURE
61	Y19IT081	N.TAHGORE BALA CHANNAKYA	TCS-DH / CTS N
62	Y19IT082	NASAKA SAI RAM	ACCENTURE
63	Y19IT083	NELLURI GOWRI	HCL / ACCENTURE / HEXAGON
64	Y19IT084	ODUGU SAHITHI	QSPIDERS(MAIL PROOF)
65	Y19IT085	PADARTHI RAJESH	CTS C / HEXAWARE / TECHMAHINDRA
66	Y19IT088	PANDALANENI VASANTHA SAI	TCS-DH / CTS GENC
67	Y19IT091	PONIKI INDHUMATHI	TCS-N

68	Y19IT093	RAKESH MANIKANTA KATAKAM	HCL / THIS / ACCENTURE / HEXAWARE/Hexagon
69	Y19IT098	SATULURI J VENKATA MANIKANTA ESWAR MEHAR	QSPIDERS / ACMEGRADE
70	Y19IT099	SHAIK HAJJINI	TCS-N / HCL
71	Y19IT100	SHAIK IMRAN	TCS-N / TECH MAHINDRA
72	Y19IT101	SHAIK KHADAR ABDULLA BASHA	TCS-DH / THIS / CTS C / HEXAWARE / TECHMAHINDRA
73	Y19IT103	SHAIK SADHIKHUN	CTS GENC
74	Y19IT104	SHAMSHEER ALI SHAIK	TCS-N
75	Y19IT105	SHAIK ULFHATH	TCS-N / HCL / ACCENTURE
76	Y19IT106	SINGAVARAPU RAVI PRAKASH	BYJUS
77	Y19IT107	UPPUTURI SOWMYA SRI	CTS GENC PRO
78	Y19IT108	STEPHEN CHINTAPALLI	SKILLBUZ
79	Y19IT109	TALLURI BHARGAVI	ACCENTURE
80	Y19IT111	TATIREDDY TEJA SAI NADH REDDY	HCL / HEXAWARE
81	Y19IT112	TAVVA NAMRATHA	HCL / THIS / ACCENTURE / HEXAWARE/ EFFTRONICS
82	Y19IT114	THIRUPATHI PAVAN SAI	TCS-N / CTS C / QUINBAY
83	Y19IT116	TUMMALA MALLIKHARJUNA	FACEPREP
84	Y19IT117	TUMMAPUDI JOSEPH STEVE WAUGH	EXCELR
85	Y19IT118	VADLAMUDI BHANU PRAKASH	HCL / EFFTRONICS/ TECHMAHINDRA
86	Y19IT121	VEGANTI NAGA SATISH	TCS-N / CTS C / HCL / ACCENTURE A / QUINBAY
87	Y19IT123	VENKATA SAI SUJITHA POLISETTY	TECHMAHINDRA
88	Y19IT124	VENKATA SURYA EEDARA	TCS-N / CTS C
89	Y19IT125	VIBUDI GOWTHAM KUMAR	TCS-N / ACCENTURE
90	Y19IT126	VUTUKURI LAKSHMI NIKITHA	TCS-N/DELOITTE(offcampus)
91	Y19IT128	YALLANURI SRINIVASULU	QSPIDERS / SONATA



“Learning never exhausts the mind.”

-Leonardo da Vinci

Higher Studies Students

S.No	Roll No.	Name of the Student	University	Programme
1	L20IT130	BADUGU GIRI	KENNESAW STATE UNIVERSITY	INFORMATION TECHNOLOGY
2	Y19IT002	AMISIGADDA BHARGAV	SOUTHEAST MISSOURI STATE UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
3	Y19IT008	VEDHASRE BONALA	UNIVERSITY OF ARKANSAS AT LITTLE ROCK	COMPUTER AND INFORMATION SCIENCES
4	Y19IT014	ASHISH REDDY CHIDUPUDI	UNIVERSITY OF NORTH TEXAS	COMPUTER AND INFORMATION SYSTEMS
5	Y19IT028	DUGGINA SRI SAI SUMANTH	CENTRAL MICHIGAN UNIVERSITY	COMPUTER SCIENCE
6	Y19IT030	GANGAVARAPU BALA KISHORE	UNIVERSITY OF CENTRAL MISSOURI	COMPUTER SCIENCE
7	Y19IT034	NAVYA SREE GOGINENI	SACRED HEART UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
8	Y19IT039	GOTTIPATI SAI TEJASWI	UNIVERSITY OF CINCINNATI	INFORMATION TECHNOLOGY
9	Y19IT042	JASWANTH BOLLEPALLI	UNIVERSITY OF CINCINNATI	INFORMATION TECHNOLOGY
10	Y19IT047	KAKANI GAYATHRI	UNIVERSITY OF ALBANY	INFORMATION SCIENCE
11	Y19IT060	KOMMALAPATI GOWTHAM SRI SAI	THE UNIVERSITY OF SOUTHERN MISSISSIPPI	COMPUTER AND INFORMATION SCIENCES
12	Y19IT075	MUKTHINENI DUSHYANTH SAI	SOUTHERN ARKANSAS UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
13	Y19IT076	BHANU PRAKASH MUPPALLA	NORTHERN ILLINOIS UNIVERSITY	INFORMATION TECHNOLOGY
14	Y19IT077	MUPPALLA VISHNU MAANVITHA	UNIVERSITY OF HOUSTON-CLEAR LAKE	INFORMATION SCIENCE/STUDIES
15	Y19IT079	PRUDHVI TEJA NAGABHYRU	UNIVERSITY OF SOUTH ALABAMA	COMPUTER AND INFORMATION SCIENCES
16	Y19IT085	PADARTHI RAJESH	UNIVERSITY OF SOUTH ALABAMA	INFORMATION SCIENCE/STUDIES
17	Y19IT089	NAGA VENKATA NANDANA GUPTA PENUGONDA	CALIFORNIA STATE UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
18	Y19IT095	SAIMPU SRIRAM	CHRISTIAN BROTHERS UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
19	Y19IT104	SHAMSHEER ALI SHAIK	OKLAHOMA STATE UNIVERSITY	COMPUTER AND INFORMATION SCIENCES
20	Y19IT107	SOWMYA SRI UPPUTURI	SAINT LOUIS UNIVERSITY	COMPUTER SCIENCE
21	Y19IT112	TAVVA NAMRATHA	KENNESAW STATE UNIVERSITY	COMPUTER SCIENCE
22	Y19IT118	BHANU PRAKASH VADLAMUDI	KENNESAW STATE UNIVERSITY	COMPUTER SCIENCE
23	Y19IT122	VELLANKI JYOTHSNA SRI	WESTERN ILLINOIS UNIVERSITY	COMPUTER AND INFORMATION SCIENCES

“Failure is the opportunity to begin again more intelligently.”

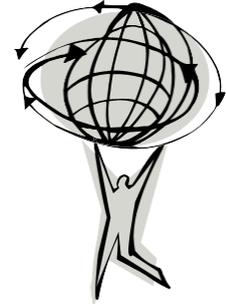
-Henry Ford

**Academic Results- Year :2022-2023**

Year	Total Appeared	Total Pass	Pass %
III/IV B.Tech (VI Sem)	134	111	82.83
II/IV B.Tech (IV Sem)	138	107	77.53
I/IV B.Tech (II Sem)	127	91	71.65

Editorial Board

<u>Staff Members</u>		
Sl.No	Staff Name	Designation
1	Dr.M.Pompapathi	Associate Professor
2	Smt. N. Neelima	Assistant Professor
3	Sri B.Satish Babu	Assistant Professor
<u>Student Members</u>		
Sl.No	Student Name	Reg. No
1	B L V H Abhigna	Y20IT007
2	N Manjunath	Y20IT086
3	K Chandra Prasanth	Y21IT055
4	Shaik Shahid Dawood	Y21IT118
5	A.Rakshitha	Y22IT002
6	S.Divija Lakshmi	Y22IT110



“The Roots of the education are bitter, but the fruit is sweet.”

-Aristotle

A.Srikrishna
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K.Chandana
Convener