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)
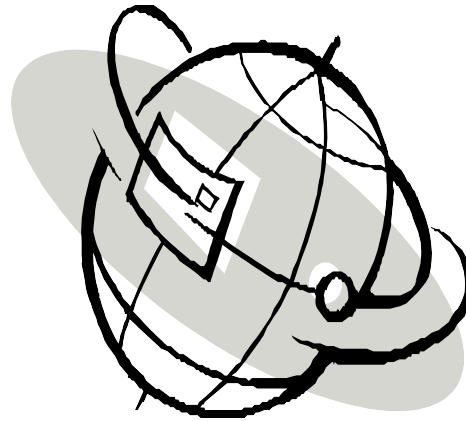**PEO**s of the program are articulated as: Graduates will

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.

INSIDE THIS ISSUE:

Industrial Research Projects in Progress

- Research project on 'Attendance Monitoring System using Machine Learning' of Prof. A. Srikrishna is in progress.

- Research project on 'An Image Tamper Detection and Recovery Method Using Multiple Watermarks' of Dr. M. Pompapathi is in progress.

- Research project on 'Offline Signature Verification based on Local Patterns' of Dr.N.Nagamalleswara Rao is in progress.

- Research project on 'Attendence Management System Based on Face Recognition' of Dr.V.Sesha Srinivas is in progress.

- Research project 'Hiding E-Maps using image Steganography' of Dr. M. Pompapathi is in progress.

- Research project on 'Maize leaf diseases image classification using Machine Learning Techniques' of Dr. G. Rama Mohan Babu is in progress.

Guest Lectures Delivered

- Dr. V.Sesha Srinivas delivered a guest lecture on 'Introduction to Programming' Dr. KLP Public School, Guntur, 21 July, 2022.

- Ms. G.Swetha delivered a guest lecture on 'Python Basics' Dr. KLP Public School, Guntur, 18 August, 2022.

- Mr. K.Gowrisankar delivered a guest lecture on 'Object Oriented Programming Concepts using Python' Dr. KLP Public School, Guntur, 15 September, 2022.

- Dr. M.Pompapathi delivered a guest lecture on 'Turtle Graphics using Python' Dr. KLP Public School, Guntur, 17 November, 2022.

- Ms. I.Naga Padmaja and Ms. B.Manasa delivered a guest lecture on 'Computer Animation using Blender' Dr. KLP Public School, Guntur, 15 December, 2022.
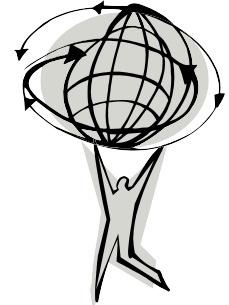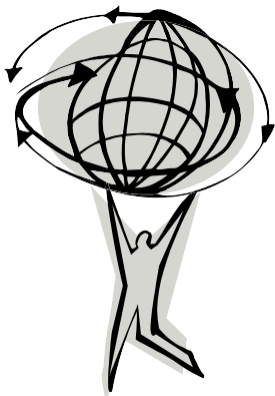
IT Faculty delivered a guest lecturer at KLP

"Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is most important."

- *Bill Gates*

"Controlling complexity
is the essence of
computer
pprogramming."
            - B. Kernighan

Research Paper Publications

- V. Sesha Srinivas, M. Pompapathi, G. Srinivasa Rao and M. Chaitanya, "Blockchain-based e-Agro Intelligent System", International Journal of Computer Science and Network Security (IJCSNS), Vol.22 (7), pp. 347-351, July 2022. (Web of Science).

- Mohammed Ahmed, G. Rama Mohan Babu, "Hyper-heuristic multi-objective online optimization for cyber security in big data", International Journal of System Assurance Engineering and Management, July 2022, DOI: 10.1007/s13198-022-01727-w (Web of Science).

- Satish Babu Bandaru, Natarajasivan Deivarajan, Rama Mohan Babu Gatram, "An Optimized Deep Learning Techniques for Analysing Mammograms", International Journal of Engineering Trends and Technology Vol. 70(7), pp. 388-398, July 2022, doi: 10.14445/22315381/IJETT-V70I7P240. (Scopus).

- R. G. N. Venkata, B.N. Kalavathi, M. Pompapathi, L. Kharb, Kumar and R. Selvameena, "Privacy enhanced key management protocol for handling remote data using deep learning and evolutionary models", International Journal of Health Sciences, Vol. 6(S5), pp. 12353-12360, August 2022.

- K. Srilakshmi, U.K. Neereti, Alapati Yeswanth Kumar, B. Rajagopal Reddy, G. Sravanthy, M. Sai Krishna, V. Vishwanath, "Design and Performance Analysis of Hybrid Controller for Self Tuning Filter Based Solar Integrated UPQC", International Journal of Renewable Energy Research, Vol. 12 (3), pp. 1250-1259, Sept., 2022. (Scopus)

- Chinni Bala Vijaya Durga, G. Rama Mohan Babu, "Telugu Text Summarization Using Histo Fuzzy C-Means And Median Support Based Grasshopper Optimization Algorithm (Msgoa)", Journal Of Theoretical And Applied Information Technology, Vol. 100(17), ISSN: 1992-8645, Sept., 2022. (Scopus)

- Venkateswara Rao Naramala, "Comparison of Neural Network classifiers for handwritten digit recognition with multiple feature extraction methods", Gradiva Review Journal, Vol. 8(10), Oct. 2022, DOI: 10.37897/GRJ. (Scopus)

Research Paper Publications

- N. Neelima, A. Srikrishna, K. Gangadhara Rao, M. Pompapathi, "Object recognition based on topology preserving skeleton features", International Journal of Advanced Intelligence Paradigms, Vol. 23, pp.384–398, Oct., 2022. (Scopus)

- Swetha Gadde, J. Amutharaj, S. Usha, "A Hybrid Cryptography Technique for Cloud Data Security", International Journal of Engineering Trends and Technology, Vol. 70(11), pp. 258-267, Nov., 2022. (Scopus)

- Gaurav D. Saxena , Parmod ,Nageswara Rao Eluri , D. Stalin David , Smita Tukaram Kumbhar, N.Premkumar, "Picture Of Data Warehouse Portrayed With Thought For Challenges, Modernization, And Improvement Of A Conventional Data Warehouse, As Well As Its Possible Future Perspectives", Journal of Pharmaceutical Negative Results, Vol. 13(9), pp. 8244–8254, Dec., 2022. (Scopus)

Workshops/FDPs Attended

- N.Neelima, G.Swetha, one week SEBI & NISM sponsored FDP "Investor Awareness Program - Financial Literacy for You (FLY)" Dept. of Mechanical Engineering, RVRJCCE, Guntur, Oct 7, 2021 - July 7, 2022.

- N. Neelima, two day FDP "Research Conclave 22: Exchanging Futuristic Ideas for Innovative Research" School of Computing, Vignan's Foundation for Science Technology & Research, Vadlamudi, July 08-09, 2022.

- G.Rama Mohan Babu, N.Venkateswara Rao, one-week FDP "SEBI & NISM sponsored Investor Awareness Program-Financial Literacy for You (FLY)" Dept. of Mechanical Engineering, RVRJCCE, Guntur, July 7, 2022.

- K.Venkata Anusha, one day webinar "Latest AI enhancements in Medical Domain & Source for datasets" Artifical Intelligence Medical and Engineering Researchers society, July 23, 2022.

- K. Venkata Anusha, Mr.Narne Srikanth, one week online FDP "Artificial Intelligence And Data Science" Aditya College of Engineering, Madanapalli, July 11-16, 2022.

- N. Srikanth, one week online FDP "Entrepreneurship, Innovations & Digital Skills in New Era of AI" MIT, Moradabad, July 25-29, 2022.

- G. Rama Mohan Babu, N. Venkateswara Rao, one week FDP "Amazon Web Services" Dept. of CSE, GMRIT, Rajam, Collaboration with BRAINOVISION, August 22-27, 2022.
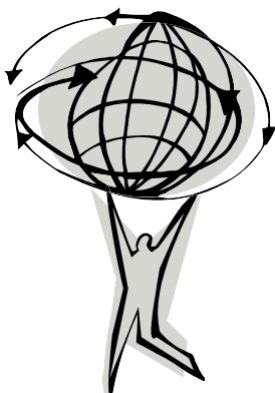
"New technology is common, new thinking is rare."

-Sir Peter Blake

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Workshops/FDPs Attended

- G. Rama Mohan Babu, N. Venkateswara Rao, one-day workshop "IP Awareness/Training Program under National Intellectual Property Awareness Mission" Intellectual Property Office and MOE's Innovation Cell, August 11, 2022.

- N.Venkateswara Rao, workshop "Designing and Modelling of IOT, AI&ML Systems" All India Council for Technical Education, ATAL Academy, Arm Education and STMicroelectronics, August 01-05, 2022.

- N. Neelima, V.Venkata Srinivas, five day national workshop "Research Trends and Technologies in Industry 4.0" GMRIT & Andhra University College of Engineering, Sept. 18-22, 2022.

- M Pompapathi, N. Neelima, K.Gowrisankar, A.Yaswanth Kumar, five day national workshop "Research Trends and Technologies in Industry 4.0" KKR & KSR IT and Sciences, Guntur, Sept. 26-30, 2022.

- K. Venkata Anusha, online FDP "Python for Scientific Computing" Dept. of CSE, VRSEC, in association with CCE, NITW, Sept. 19-23, 2022.

- B. Krishna Mohan and I. Naga Padmaja, one week online FDP "Trends in Artificial Intelligence and Cyber Security" Dept. of CSE, Shri Vishnu Engineering College for Women (A), Bhimavaram, Nov. 1-5, 2022.

- B. Krishna Mohan, one week online FDP "Emerging Trends and Technologies in Cyber Security" Madanapalle Institute of Technology & Science, Nov. 14-18, 2022.

- K. Venkata Anusha, one-week online FDP "2022 IEEE CIS Summer School on Emerging Research Trends in Computational Intelligence Techniques to address Challenges in Biomedical Data and Imaging" NIT-Arunachal Pradesh, Jote, Nov. 07-11, 2022.

- G. Rama Mohan Babu, N. Venkateswara Rao, Mr.O.Srinivas, online FDP "Recent Trends in Artificial Intelligence and Cyber Security" Sri Vishnu Engineering College for Women, Bhimavaram, Nov. 01-05, 2022.

- Dr. N. Venkateswara Rao, one-day online Program "Women Professional Meet Up – 2022" IEEE Hyderabad Section – Women in Engineering Affinity group & Guntur Subsection, in collaboration with RVRJCCE, Dec. 23, 2022.

- O.Srinivas, one-week offline FDP "Microsoft Power BI (Data Analyst Associate)" Dept. of CSE (Data Science), KKR & KSR IT and Sciences, in association with ICT academy, Chennai, Dec. 20-24, 2022.

Workshops/FDPs Attended

- Under the guidance of Prof. G. Rama Mohan Babu, Ph.D degree was awarded to Gaddam Venu Gopal, in July 2022 from ANU. The title of the thesis was 'Hybrid Kernel Based Support Vector Machines and Feature Selection Approaches for Network Intrusion Detection'.

- Under the guidance of Prof. N. Nagamalleswara Rao, Ph.D degree was awarded to A. Vanathi, in Aug 2022 from ANU. The title of the thesis was 'Dynamic Multilayer Support for Data Aggregation to reduce the Hotspot Problem of Sensors in IoT'.

- Under the guidance of Prof. N. Nagamalleswara Rao, Ph.D degree was awarded to Siva Lakshmi Bolem, in Nov 2022 from ANU. The title of the thesis was 'Microarray Image Analysis Using Adaptive and Multiple Feature Based Clustering Techniques'.

Technical Contest

- InformaTrix, the IT student initiated technical club organized a programming contest 'Code A Thon-2K22' for two days, during 24 - 25 August, 2022. The contest was open for all the branches of engineering. Nearly 400 Students participated in prelims, out of these 35 teams shortlisted for mains. Cash prizes worth Rs.2,000/- for Winner and Rs.1,000/- for Runner was awarded.

- Intra Departmental Coding Contest (IDCC), IT department conducted coding contest on 15 September 2022 on the occasion of Engineers Day Celebrations. Cash prizes worth Rs.1,000/- for Winner and Rs.750/- for Runner was awarded.

- GNOME Club, the student technical club conducted a technical Quiz on 15 September 2022 on the occasion of Engineers day celebrations for IT students. Cash prizes worth Rs.1,000/- for Winners and Rs. 750/- for Runners were awarded.

Paper Presentations in Conference

- G. Rama Mohan Babu, 'A Study of Advanced Methods to Recognizing the Classification of Breast Cancer using the Deep Learning Techniques', International Conference on Advanced Computer Science and Information Technology (ICACSIT-22) October 15, 2022.

- V.Venkata Srinivas, 'Implementation of Deep Learning Techniques for the Facial Recognition Process', IACSIT-2022, Trivendrum, India, 15 October, 2022.

"Science is a way of thinking much more than it is a body of knowledge."

Carl Sagan

Placement List for the academic year 2021-22

> **"**New technology is common, new thinking **is rare."**
>
> -Sir Peter Blake

1	L19IT122	Chandra Teja Chemiti	TCS N / CTS E
2	L19IT124	Bhargav Jettiboina	Tvisha/Computacenter
3	L19IT126	Kankanala Sumanth Babu	CTS C / Wipro NTH
4	L19IT128	Srikanth Pasam	Wipro NTH
5	L19IT129	Rajala Manohar Reddy	Societe Generale Global Solution Center (SC GSC) India
6	L19IT130	Sayyed Vakar Durga Shaik	Infosys
7	L19IT132	Vattigunta Yuvarajyalakshmi	Tvisha / Wipro NTH
8	Y18IT001	Addanki Jaya Madhuri	TCS N / Wipro E / CTS C
9	Y18IT002	Attuluri Lakshmi Naga Sri Vaishnavi	Modak / TCS N / CTS C / Accenture
10	Y18IT005	Balusu Sai Teja	TCS DH
11	Y18IT007	Bandaru Manikanta	Zensar / Wipro NTH / Infosys(EMAIL)
12	Y18IT008	Bandi Daisy Lasya	Hexaware (4 L) (REJECTED) / TCS N / Accenture A
13	Y18IT010	Bhavanam Kishore Kumar Reddy	Wipro NTH T (6.5)
14	Y18IT011	Boddeda Jyothikiran	TCS N / Wipro NTH
15	Y18IT012	Borra Sri Harshitha	CTS C / Accenture / Wipro NTH(EMAIL)
16	Y18IT013	Chidella Nikhila	Modak / TCS DH / CTS E
17	Y18IT014	Darapuneni Dharani	Modak / Wipro E / CTS C
18	Y18IT015	Daruvuri Ramya	TCS N / CTS E / Accenture
19	Y18IT017	Dhanekula Meghana Chowdary	Accenture / WinWire Technologies
20	Y18IT018	Duddu Nimsy	Wipro NTH
21	Y18IT019	Edara Madhuri	Wipro NTH / TCS N
22	Y18IT020	Ganta Harsha Vardhan Babu	CTS E / Wipro E / TCS N / Accenture
23	Y18IT021	Ginjupalli Yuva Naga Vaibhav	Wipro E / CTS C / TCS N
24	Y18IT022	Gude Teja Venkatesh	CapGemini(Email)
25	Y18IT023	Gudipudi Hemanth Chowdary	Wipro E / TCS N
26	Y18IT024	Guggilam Naga Venkata Sailakshmi Maneesha	CTS N
27	Y18IT025	Gunnapaneni Sai Manikanta	CTS C / Wipro NTH / TCS N
28	Y18IT026	Gurram Venkata Sandeep	Modak / CTS N
29	Y18IT027	Inaganti Pujitha	TCS N / Wipro E
30	Y18IT028	Inturi Adarshdatta	TCS N

Placement List for the academic year 2021-22

31	Y18IT029	Jagarlamudi Pradeep	CTS E / TCS DH
32	Y18IT030	Jampani Uma Tulasi	Accenture A
33	Y18IT031	Jeldhi John Paul	CTS C / TCS N / Wipro NTH T (6.5)
34	Y18IT032	Kakumanu Nikhil	Accenture / TCS N / Wipro NTH
35	Y18IT033	Kalavakuri Naga Sai Vamsi	TCS N
36	Y18IT034	Kandimalla Sesha Sai Avinash	CTS E / Accenture A / Wipro NTH
37	Y18IT035	Karanam Meghana	CTS C / Wipro NTH / TCS N / Accenture
38	Y18IT036	Kasukurthi Pavan Kumar	TCS N / CTS E
39	Y18IT037	Kattepogu Sneha Sudha	CTS C (Rejected)/ TCS N(REJECTED)
40	Y18IT038	Kavuru Venkatasudheer	TCS DH / CTS E
41	Y18IT039	Keerthana Veganti	CTS C / Virtusa(REJECTED)
42	Y18IT040	Kilambi S T V V L N R R Pavantejan	Technovert FSD / CTS N
43	Y18IT041	Kolli Naga Praveen Kumar	Modak / CTS N
44	Y18IT042	Kolluri Vinusha	CTS C
45	Y18IT043	Komanduru Adithya Srinivas	CTS C / Wipro E / Accenture / Hitachi
46	Y18IT044	Kommineni Chaitanya	Wipro E / TCS N / Accenture / Virtusa(REJECTED)
47	Y18IT045	Kommineni Yamini	QuEST
48	Y18IT046	Kurapati Ch Gayatri	QuEST / CTS C / Wipro NTH
49	Y18IT047	Machavarapu Hemanth Sai Kumar	Wipro E / TCS N / CTS C
50	Y18IT048	Macherla Rohit	Technovert FSD / Wipro E(Technovert Rejected)
51	Y18IT049	Mada Sai Pavani	Wipro E / CTS E / Darwin Box / Virtusa(rejected)/Mindtree
52	Y18IT050	Madasu Pavani	CTS E / Wipro NTH
53	Y18IT051	Madathil Akshara	Wipro E / CTS C
54	Y18IT052	Maguluri Sri Sai Koteswara Pravallika	CTS E
55	Y18IT053	Makkena Likitha Priyanka	Wipro E / CTS E / Accenture
56	Y18IT054	Mallepula Harshitha	Modak / CTS C / Accenture
57	Y18IT055	Maturi Bhavya Venkata Naga Sai Mani	Modak / TCS DH / Accenture
58	Y18IT057	Mohammed Farhaan	CTS C / Accenture A / Wipro NTH T (6.5)
59	Y18IT058	Movva Siva Naga Vaishnavi	Hexaware / Wipro E T (6.5)/ CTS C
60	Y18IT060	Muttavarapu Rajasree	Sonata / Infosys(off campus)/hp(off campus)

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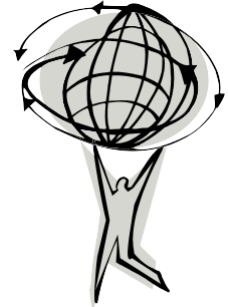"New technology is common, new thinking **is rare.**"

-Sir Peter Blake

61	Y18IT062	N D Naga Anatha Kumar	TCS N
62	Y18IT063	Nagaboina Geethanjali	Wipro E (REJECTED)/ CTS C
63	Y18IT064	Nagumothu Bhavana	CTS C / TCS N / Accenture
64	Y18IT065	Nama Tejaswini Devi	Wipro E (EMAIL PROOF) / CTS C
65	Y18IT066	Namburu Durga Sanjana	Wipro E / Zensar / EPAM
66	Y18IT067	Namrata Janga	Wipro NTH
67	Y18IT068	Narne Sai Sankar	Modak / TCS N
68	Y18IT069	Narra Vinay	TCS N / Accenture A
69	Y18IT070	Nirmala Sahani Allam	CTS E / Accenture
70	Y18IT071	Nukala Mahalakshmi	CTS E / Wipro E/INFOR
71	Y18IT072	Nutakki Navya Sree	Modak / TCS N / CTS E
72	Y18IT074	Panem Venkata Sai Tejasri	CapGemini
73	Y18IT076	Papineni Sai Varshini	TCS N
74	Y18IT077	Paruchuri Sri Sai Varun	CTS E / Wipro E
75	Y18IT078	Pavuluri Pinakapani Balaji	CTS E / Wipro NTH T (6.5)
76	Y18IT080	Pochamalla Manikanta	CTS C
77	Y18IT082	Pokuri Sri Maha Lakshmi	CTS C / Accenture / Hexaware
78	Y18IT083	Polisetty Pavan Kumar	TCS N / Accenture / Zensar
79	Y18IT084	Poluboina Narendra Kumar	TCS N/NetCracker
80	Y18IT085	Potu Gayathridevi	CTS C
81	Y18IT086	Rachakonda Sruthi	CTS C / Accenture A / Wipro NTH / TCS N
82	Y18IT087	Reddymasu Mahesh	TCS N
83	Y18IT088	Revathi Gubbala	TCS N / Wipro E T (6.5) /Accenture
84	Y18IT089	Rodricks Raja Kumari	Accenture
85	Y18IT090	Sai Teja Yarlagadda	TCS DH
86	Y18IT091	Saif Ali Khan	CTS C / TCS N / Wipro NTH
87	Y18IT092	Shaik Adhi Munni	Hexaware / Wipro E / Zensar
88	Y18IT093	Shaik Ashreen Farha	TCS N / Wipro E / CTS C / Accenture
89	Y18IT094	Shaik Enus	TCS N / Wipro NTH(email)
90	Y18IT095	Shaik Kousar	Hexaware(REJECTED) / CTS C / TCS N / Accenture
91	Y18IT096	Shaik Mohammed Zahid	TCS DH / Netcracker
92	Y18IT097	Shaik Shareef	Hexaware / TCS N / Wipro NTH
93	Y18IT098	Siripurapu Bhavika Sai Sri Alekhya	CTS C / Harman Connected Services
94	Y18IT099	Sk Suraj Basha	Wipro NTH
95	Y18IT100	Talluri Anusha	Wipro NTH

Placement List for the academic year 2021-22

96	Y18IT101	Tangudu Rakesh	CTS E / Wipro E / Accenture A
97	Y18IT103	Teja Vardhan Madamanchi	Infosys SES / COVIUM(QUINBAY) / TCS N / Wipro NTH
98	Y18IT104	Telaprolu Mohan Sai Mani Deepak	CTS N / TCS N(REJECTED)
99	Y18IT105	Thokala Maheswari	TCS N / Accenture
100	Y18IT106	Thota Kavya	Brillio(NOT RECEIVED) / Accenture / TCS N
101	Y18IT107	Thotapalli Vinay	QuEST / Wipro NTH T (6.5)
102	Y18IT108	Thulluru Sahithi Priya	Accenture
103	Y18IT109	Thumu Jyothika	Wipro NTH T (6.5)
104	Y18IT110	Jaswanth Tumati	Wipro NTH / Infosys(EMAIL)
105	Y18IT112	Valeti Sony	Wipro NTH / Zensar
106	Y18IT113	Vangavolu Divyateja	Qspiders / Infosys
107	Y18IT114	Varakala Keerthi	CTS C
108	Y18IT115	Anjani Suma Vellalacheruvu	Darwin Box
109	Y18IT116	Yalakanti Nagasai	CTS C / Wipro NTH / Infosys
110	Y18IT117	Yaramati Veeravenkata Ramatarakam Chowdary	Modak / CTS N / TCS N
111	Y18IT118	Yenni Ravali	CTS C
112	Y18IT120	Yuvalakshmi Prasanna Talabathula	Wipro E / CTS E / Hexagon/Netcracker

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Academic Results

Year	Total Appeared	Total Pass	Pass %
IV/IV B.Tech (VII Sem)	134	127	94.77
II/IV B.Tech (IV Sem)	133	108	81.20
I/IV B.Tech (II Sem)	126	83	65.87

Editorial Board

Staff Members

Sl.No	Staff Name	Designation
1	Dr. M. Pompapathi	Associate Professor
2	Smt. N. Neelima	Assistant Professor
3	Sri B.Satish Babu	Assistant Professor

Student Members

Sl.No	Reg. No	Sudent Name
1	Y19IT008	Bonala Vedhasree
2	Y19IT121	Vengganti Naga Satish
3	Y20IT007	B L V H Abhigna
4	Y20IT086	N Manjunath
5	Y21IT055	K Chandra Prasanth
6	Y21IT118	Shaik Shahid Dawood
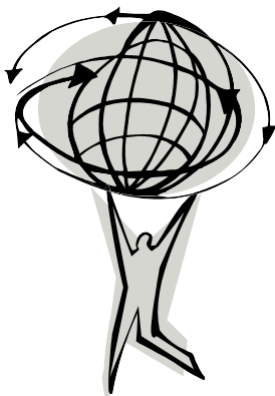
A.Srikrishna
Chief Editor

K.Gowrisankar
Convener