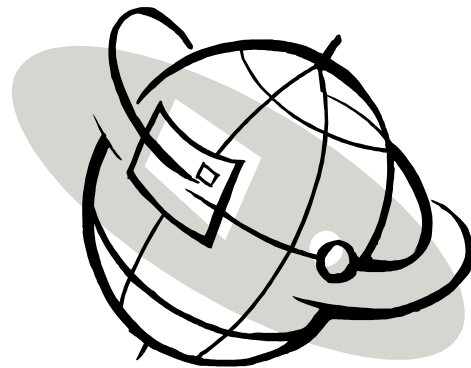


## Department of Information Technology

## Newsletter

**INSIDE THIS ISSUE**

R&D Project
Guest Lecture Organized
Patents
MOOCS Courses Completed
Paper Publications
Ph.D info
Workshops Attended
Placement & Higher Studies info.

**Internal R&D Project 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 ‘Attendance 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.

**Internal R&D Project in progress**

- Research Project on ‘An Automated Learning Code Summarization Using Anatomy and Auto Folding Frameworks’ of Prof. M.Ramesh is in progress.

**Books published:**

- Dr. G. Rama Mohan Babu & Chinni Bala Vijaya Durga, published a book chapter Titled “An Integrated Framework using Transfer Learning and Re-Trained Models to Detect the Stage of Bone Cancer” in Machine Learning Applications in Health Care, Immortal Publications, May 2022, ISBN: 978-93-5566-688-8.

**Guest Lectures Delivered**

- Dr. M.Pompapathi delivered an orientation program on ‘Python Programming’ at Dr. KLP public School, Guntur, 16 April, 2022.



Dr. M.Pompapathi delivered an orientation class at KLP on 16<sup>th</sup> April 2022

**Research Paper Publications:**

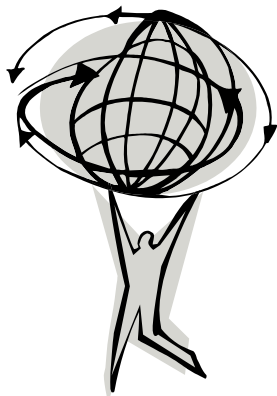
- A.V. Kavitha, A. Srikrishna, Ch. Satyanarayana, “Crop image classification using spherical contact distributions from remote sensing images”, Journal of King Saud University - Computer and Information Sciences, Vol. 34(3), pp. 534-545, March, 2022. (SCIE/Scopus)
- P.V.R.N.S.S.V. Saileela, N. Naga Malleswara Rao “Assessing opinion polarity using machine learning by correlated attributes impact fitness” Int. J. Systems, Control and Communications, Vol. 13(1), pp. 5-20, Jan., 2022. (Scopus)
- Nagaraju Pamarthi, N. Naga Malleswara Rao “Exponential Ant-Lion Rider Optimization for Privacy Preservation in Cloud Computing” Web Intelligence, Vol. 19(4), pp. 275-293, Jan., 2021. (Scopus/Web of Science)
- Ramesh Makala, Ranganath Ponnaboyina, Gowtham Mamidiseti ‘An efficient image compression using pixel filter for social media applications’, IJICA, Vol. 13(1), pp. 27-33, March, 2022. (Scopus).



“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  
programming.”  
- B. Kernighan



### Research Paper Publications:

- Durairaj D.M., B. H. Krishna Mohan. ‘A convolutional neural network based approach to financial time series prediction’ *Neural Computing and Applications*, March, 2022. (SCIE/Scopus)
- R.R. Rajalaxmi, L.V. Narasimha Prasad, B. Janakiramaiah, C.S. Pavankumar, N. Neelima, V.E. Sathishkumar ‘Optimizing Hyperparameters and Performance Analysis of LSTM Model in Detecting Fake News on Social Media’ *ACM transactions on Asian and Low-Resource Language Information Processing*, Vol. 21 (2), ISSN:2375-4699, March, 2022 (SCIE/Scopus)
- Madhulika Yarlagadda, K. Gangadhara Rao, A. Srikrishna ‘Frequent itemset-based feature selection and Rider Moth Search Algorithm for document clustering’, *Journal of King Saud University - Computer and Information Sciences*, Vol. 34(4), pp. 1098-1109, ISSN 1319-1578, April, 2022. (SCIE/Scopus)
- Addanki Udaya Kumar, B. Hemantha Kumar ‘Enhancement OLSR Routing Protocol using Particle Swarm Optimization (PSO) and Genetic Algorithm (GA) in MANETS’ *International Journal of Computer Science & Network Security*, Vol. 22(4), pp. 131-138, April, 2022 (Web of Science)
- Venkata Srinivasu Veeram, Suban Ravichandran and Gatram Rama Mohan Babu ‘Deep Neural Networks for Face Recognition and Feature Extraction from Multi-lateral Images’ *IJCSNS*, Vol. 22(4), April, 2022. (Web of Science)
- Satish Babu Bandaru and Gatram Rama Mohan Babu ‘A Review on Advanced Methodologies to Identify the Breast Cancer Classification using the Deep Learning Techniques’ *IJCSNS*, Vol. 22(4), April, 2022. (Web of Science)
- Swetha G, Janaki K. ‘Cloud based secure multimedia medical data using optimized convolutional neural network and cryptography mechanism’ *Multimedia Tools and Applications*, DOI: 10.1007/s11042-022-12466-2, April, 2022 (SCIE/Scopus)
- Nadendla Hanumantharao, Srikrishna Atluri, Kancherla Rao. “FSOA-DNFNet: Incremental indexing and image classification using hybrid optimization-based deep neuro Fuzzy network” *Concurrency and Computation: Practice and Experience*, May, 2022. (SCIE/Scopus)

**Research Paper Publications:**

- Devareddi R.B, Srikrishna A. ‘An Edge Clustered Segmentation Based Model for Precise Image Retrieval’, Indian Journal of Computer Science and Engineering, Vol. 13(3), pp. 769–782, DOI : 10.21817/indjcse/2022/v13i3/221303094, May-Jun, 2022. (Scopus indexed)
- Ponnaboyina R., Makala R., Subbarao ‘An effective text compression–encryption using tight and indirect encryptions’ Soft Computing, Vol. 26(13), pp. 6255–6264, DOI: 10.1007/s00500-022-07164-y, May, 2022 (SCIE/Scopus Indexed)
- Mr. S. Shiva Prakash, Manasa Bandlamudi, Dr. Ragitha Radhakrishnan ‘Educating and communicating with deaf learner’s using CNN based Sign Language Prediction System’ International Journal of Early Childhood Special Education, Vol. 14(2), pp. 2624-2629, DOI: 10.9756/INT-JECSE/V14I2.245, May, 2022 (Web of Science)
- Swetha Gadde, J. Amutharaj, S. Usha ‘Data Security on Cloud by Cryptographic Methods Using Machine Learning Techniques’ International journal of computer science and network security, Vol. 22 (5), pp. 342-347, May, 2022. (Web of Science)
- V.Sesha Srinivas, R. S. M. Lakshmi Patibandla, M. Pompapathi, M. Chaitanya ‘Google Assisted Digital Notice Board using IoT’ Telematique, Vol. 21(1), pp. 224–234, June, 2022. (Web of Science)
- B.Vara Prasada Rao, B.Satyanarayana Reddy, I.Naga Padmaja and K.Ashok Kumar ‘An Efficient Machine Learning Model for Clinical Support to Predict Heart Disease’ International Journal of Computer Science and Network Security, Vol. 22 (6), ISSN 1738- 7906, DOI: 10.22937/I JCSNS.2022.22.6.31, June, 2022 (Scopus Indexed).

**Conferences / Workshops/FDPs Attended:**

- V. Venkata Srinivas, one week online FDP ‘Research Applications in Machine Learning-2022’ Department of IT, GMRIT-Rajam and Department of Computer Science and System Engineering of Andhra University College of Engineering, Visakhapatnam, during 28 March – 1 April, 2022.
- Dr. G. Rama Mohan Babu, one week online FDP on ‘Emerging Trends in Artificial Intelligence’ organized by Bhimavaram Institute of Engineering and Technology, in association with Blackbuck engineers, during 25-31, May 2022.

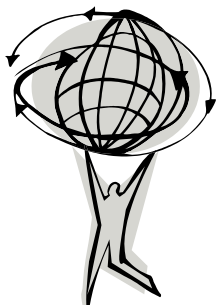


“New technology is common, new thinking is rare.”

*-Sir Peter Blake*

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### Conferences / Workshops/FDPs Attended:

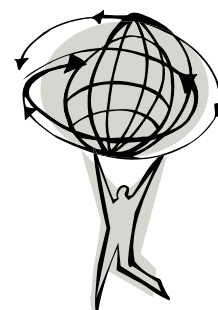
- Dr. G. Rama Mohan Babu, two day national webinar on ‘Data Science and Its Applications’ organized by Department of Computer Science & Applications, GDC, Chebrole and SKBR GDC, Macherla, during 25-26, March 2022.
- B. Krishna Mohan, two week online UGC sponsored refresher course with A+ Grade ‘Artificial Intelligence’ organized by University Grants Commission Human Resource Development Centre (HRDC), JNTU-Hyderabad, during 23 May–04 June, 2022.

### Paper Presentations in Conferences

- M.V. Bhujanga Rao, ‘Secure Data Sharing Under Revocable Data Storage’, 4th International Conference on Smart Systems and Inventive Technology (ICSSIT 2022), Francis Xavier Engineering College, Tirunelveli, India, Jan. 20-22, 2022.
- V.Venkata Srinivas, ‘Comparative Analysis of Time series Forecasting Models to Predict Amount of Rainfall in Telangana’, International Conference on Advanced Computing & Communication Systems (ICACCS -2022), Sri Eshwar College of Engineering, Coimbatore, TamilNadu, March 25-26, 2022.

**Placement List for the academic year 2021-22**

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



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

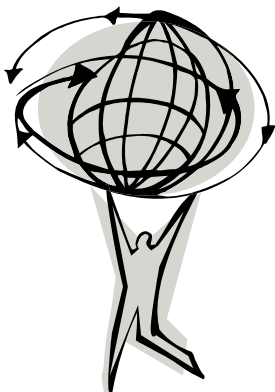
Carl Sagan

### Placement List for the academic year 2021-22

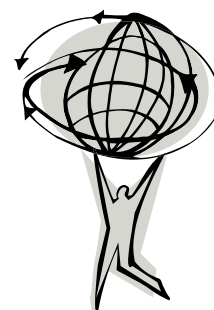
31	Y18IT029	Jagarlamudi Pradeep	CTS E / TCS DH
32	Y18IT030	Jampani Uma Tulasi	Accenture A
33	Y18IT031	Jeldhi John Paul	CTS C / TCS N / Wipro NTH T (6.5)
34	Y18IT032	Kakumanu Nikhil	Accenture / TCS N / Wipro NTH
35	Y18IT033	Kalavakuri Naga Sai Vamsi	TCS N
36	Y18IT034	Kandimalla Sessa Sai Avinash	CTS E / 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)

“New technology is common, new thinking is rare.”

-Sir Peter Blake



**Placement List for the academic year 2021-22**



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

Carl Sagan

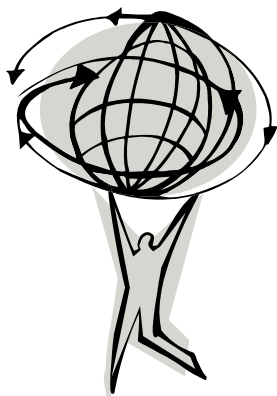
61	Y18IT062	N D Naga Anatha Kumar	TCS N
62	Y18IT063	Nagaboina Geethanjali	Wipro E (REJECTED)/ CTS C
63	Y18IT064	Nagumothu Bhavana	CTS C / TCS N / Accenture
64	Y18IT065	Nama Tejaswini Devi	Wipro E (EMAIL PROOF ) / CTS C
65	Y18IT066	Namburu Durga Sanjana	Wipro E / Zensar / EPAM
66	Y18IT067	Namrata Janga	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 Yarlaga	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

“New technology is common, new thinking is rare.”

-Sir Peter Blake



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

Students Participated In Acharya Nagarjuna University Inter-Collegiate Tournaments And Other Tournaments From The Department Of Information Technology Engineering.

2021-22

Sl.No.	Name	Regd.No.	Name of the event	Tournament name	Venue	Dates	Place
01	N.Bala Subrah Mani	Y20IT082	Badminton (W)	ANUIC	ANU College of Pharmaceutical	07 Dec - 21	4 <sup>th</sup>
02	Ch.Murali Krishna	L20IT131	Kabaddi	ANUIC	ANU College of Physical Education&Sports Sciences	14 - 15 Dec -21	--
03	Madhuri.K	Y19IT069	Basketball (W)	ANUIC	RVR & JC College of Engineering, Chowdavaram	20 - 21 Dec - 21	3 <sup>rd</sup>
04	V.Yuvraj	Y20IT124	Basketball	ANUIC	RVR & JC College of Engineering, Chowdavaram	20 - 21 Dec - 21	1 <sup>st</sup>
05	P.Vinay Chand	Y21IT096	Basketball	ANUIC	RVR & JC College of Engineering, Chowdavaram	20 - 21 Dec - 21	1 <sup>st</sup>
06	Philip Raju.G	Y20IT093	Athletics	ANUIC	ANU Dept. of Physical Education & Sports Sciences	22 - 23 Dec - 21	--
07	B.Giri	L20IT130	Cricket	ANUIC	Sadhana Degree College	19 - 23 Jan - 22	--
			Softball	ANUIC	ANU Dept. of Physical Education & Sports Sciences	25 - 26 Feb - 22	--
			Baseball	ANUIC	RVR & JC College of Engineering, Chowdavaram	02 - 03 March- 22	1 <sup>st</sup>
			Handball	ANUIC	T.R.R.Govt.Degree College, Kandukuru	04 - 05 March 22	3 <sup>rd</sup>
08	I.Adarsh Datta	Y18IT028	Cricket	ANUIC	Sadhana Degree College	19 - 23 Jan - 22	--



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Carl Sagan

Mr.V. Yuvraj (Y20IT124), Mr.P.Vinay Ghand (Y21IT096), were selected for A.N.U. Basketball team and participated in South Zone Inter-University Tournament held at Christ University, Bangalore during 30 December 2021 – 4 January 2022.

### Academic Results

Year	Total Appeared	Total Pass	Pass %
IV/IV B.Tech (VIII Sem)	125	118	94.4
III/IV B.Tech (VI Sem)	133	125	93.98
II/IV B.Tech (III Sem)	140	99	70.71
I/IV B.Tech (I Sem)	130	100	76.92

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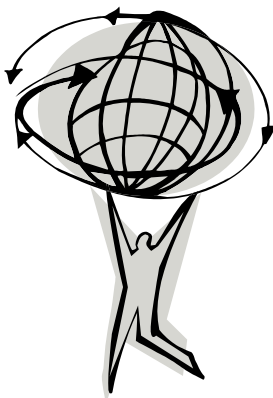
### Editorial Board

#### 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	Y18IT040	K Pavan Tejan
2	Y18IT061	M J D Ravi Chand
3	Y19IT056	K Bharath
4	Y19IT121	V Naga Satish
5	Y20IT007	B L V H Abhigna
6	Y20IT086	N Manjunath



A.Srikrishna  
Chief Editor

K.Gowrisankar  
Convener