



Estd:1997

# SANKETHIKA BHARATHI

The Bi-annual Newsletter



**G NARAYANAMMA INSTITUTE OF TECHNOLOGY AND SCIENCE**

AUTONOMOUS

FOR WOMEN

{Accredited by NBA (UG:CSE, CSM &CSD, ECE, ETE, EEE, IT; PG:CSE, CNIS, PEED, DECE),  
NAAC, Approved by AICTE, Affiliated to JNTUH}

(Sponsored by G.Pulla Reddy Charities Trust, Hyderabad)

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March & August, 2023

Volume:21

Issue No:39 & 40



**DR. K. RAMESH REDDY**  
(PRINCIPAL)

It gives me great pleasure to be a part of celebrating Silver Jubilee. Established in the year 1997, GNITS reaches its milestone of completing 25 years of its journey towards empowerment of women through technical education on 15<sup>th</sup> December, 2022. The event is a testimonial to the hardwork, dedication and commitment of everyone involved in making GNITS a successful technical institution for women.

Over the past 25 Years, GNITS has been earnestly striving towards Promoting the best opportunities and platforms for Women Engineers for their sustainable development. The Institute has been providing the best placements to the young women graduates. The success of GNITS is not only a reflection of Management Leadership and Staff efforts but also reflection of the supportive educational environment created by the key stake holders. As we celebrate this milestone, it is essential to reflect on the challenges that we have successfully addressed, and look forward to great opportunities ahead.

**SILVER JUBILEE CELEBRATIONS** at GNITS was significantly a HISTORICAL moment of honour and pride to receive our Hon'ble President **Smt. Droupadi Murmu's** on 29<sup>th</sup> December, 2022 on the occasion of SILVER JUBILEE CELEBRATIONS and AZADIKA AMRITH MAHOTSHAV along with the Hon'ble Governor of Telangana **Dr.(Smt). Tamilisai Soundararajan**, Hon'ble Minister of Tourism of India **Shri G. Kishan Reddy**, Hon'ble Minister of ST welfare and Women and Child welfare of Telangana **Smt. Satyavathi Rathod**.

We are delighted to note that **Prof. Katta Narasimha Reddy**, Vice-Chancellor, JNTUH Hyderabad marking the occasion as CHIEF GUEST, Silver Jubilee Celebrations on Founder Day's 15<sup>th</sup> December, 2022 and **Smt.Sirisha Ragavendra DCP** Commissioner of Police, SHE Teams gracing the occasion of Cultural and Sports day of Silver Jubilee on 14<sup>th</sup> December, 2022.

The following year 2023 took off with a great initiative by **Smt.G.Srividya Reddy**, Vice-Chairperson, GNITS to evolve GNITS as a **Global Platform** to drive transformative leadership to advance gender equality. As part of this initiative, **Women in Leadership Conclave – 2023** was organised and conducted on

8-9 March, 2023 synchronising with 9<sup>th</sup> March, **International Womens' Day Celebrations**. More than 80 plus distinguished speakers from diverse fields – Bureaucrats, Industrialists, CEOs, Politicians, NGOs, Entrepreneurs, Film & Media, Politicians, Academicians, Government Officials – took part in the Conclave's Panel Discussions, Fireside chats, workshops with dynamic outcomes, strategies and policies to look into to meet the vision and the objectives of the Conclave towards leadership and innovation among Women Engineering Graduates. **Ms. Jennifer Larson**, **U.S. Consul General** was the Keynote speaker during the opening ceremony of WILC on 8<sup>th</sup> March.

We are delighted to place on record the conduction of **GRADUATION DAY** of 2<sup>nd</sup> Autonomous Batch 2019-23 on 30<sup>th</sup> and 31<sup>st</sup> of May, 2023. **Smt. Rama Devi Lanka**, **Director, Emerging Technologies, state of Telangana** delivered the Graduation Speech addressing the Graduating Batch of CSE and IT on 30<sup>th</sup> May 2023 and **Smt. Gaddam Padmaja Reddy**, **acclaimed Kuchipudi Dancer and Guru**, credited with receiving the **Kakatiyam dance form** for ECE, EEE and ETE on 31<sup>st</sup> May, 2023.

It makes us feel great to receive **Engineering Education Excellence Award 2022** instituted by The Institute of Engineers (India) to our College **G.Narayanamma Institute of Technology and Science for Women** in 37<sup>th</sup> Indian Engineering Congress organised by IEI Chennai on 16<sup>th</sup> December, 2022.

To receive a grant of **RS. TEN CRORE** for the establishment of **ATAL INCUBATION CENTRE** to create an ever-evolving ecosystem of start-ups and entrepreneurs has been one of the most incredible moment for all of us.

The First Batch of Flagship course PGDM by **SOIM** (School of Innovation and Management) started from July – 2023. **SOIM** under the dynamic leadership and vision of **Smt.G.Srividya Reddy**, Vice – Chairperson, aspires to be a premier management school empowering women through management courses.

We find no words to express our profound gratitude to **Sri. P. Subba Reddy** garu for all his guidance and advice bestowed on us in mentoring and shaping us for what we are today with valuable values and work ethos both individually and professionally. We are privileged to work under his charismatic leadership during his tenure as the Chairman of GNITS.

Before I conclude, I would like to Congratulate all the members of GNITS on its **25<sup>th</sup> Year Silver Jubilee Celebrations** and we look forward to continued growth and prosperity. I wish and express that the staff and the students of GNITS shall play a lead role in bringing a significant impact on the professional work ethos of the Institution through innovation and research.

Education breeds confidence. Confidence breeds hope. Hope breeds peace.



## Leadership Par Excellence



**Sri P. Subba Reddy** Having to work under a dynamic leader is a wonderful experience. We as GNITS family are indeed privileged and honoured to be associated with **Sri.P.Subba Reddy Garu** who has been a guiding star and a positive inspiration to each one of us during his tenure as the Chairman, GNITS. His presence created a great impact on every part of GNITS development and growth with core fundamental values and professional ethics. Known for his simplicity of thought, word and deed **Sri.P.Subba Reddy Garu** used to provide the standards and guidelines for employees' behaviour and actions while on duty. We are indeed grateful and thankful to **Sri.Subba Reddy Garu** for making us a part of his vision and mission in working towards the interest of the society and nation at large. GNITS continues to take inspiration from **Sri.P.Subba Reddy Garu** standing as an exemplary leader by example.



It gives me great pleasure in welcoming **Sri.G.Raghava Reddy Garu** as the Chairperson, GNITS with effect from May 2023. **Sri.Gunampally Raghava Reddy Garu**, the founder Trustee of GPR Charities Trust has made his remarkable mark as an Educationalist, enterprising **Sri.G.Raghava Reddy** Business-man and as the International President of the right-wing organisation of Vishwa Hindu Parishad. Carrying the legacy of his parents Late **Sri.G.Pulla Reddy Garu** and Late **G.Narayanamma Garu**, **Sri.G.Raghava Reddy Garu** has been playing a key role in the transformative administrative processes of the Institution in setting newer standards and goals towards enhancing research and development in different disciplines and to develop new generation technocrats who will be instrumental in fueling economic growth of the nation. Under the dynamic and vibrant leadership of **Sri.G.Raghava Reddy Garu**, GNITS envisions to bring the best blend of resourcefulness and core competencies among its employees.



**Sri. G. Raghava Reddy**  
Hon'ble Chairperson

## Chairperson's Message

The new millennium is witnessing unprecedented challenges and opportunities in higher education. Engineering education plays a pivotal role in the substantial growth of the country and its economy. To become an outstanding technological college at the cutting edge of scientific technology, GNITS aims establishing value –based and need- based education and training.

GNITS believes that learning is synthesizing seemingly divergent ideas and data. To exemplify this we have state- of- art facilities comprising of well equipped

campus with new technologies like Artificial Intelligence, Machine Learning, Incubation centre, Research and Development cell making the campus a sanctorum for the ambitious students to receive productive education promising a life of their own dream.

GNITS as an institution is a modern temple of learning through our diligence, devotion and dedication.

## Vice-Chairperson says ...

***"To improve is to change; to be perfect is to change often."***

GNITS is firm in its commitment to provide quality education of global standards to the students who are about to step into the professional realm full of challenges and opportunities. Introducing innovation and agility that matters, GNITS delivers holistic education to pave the way for integrated personality by striking stability between the modern outlook and traditional values.

At GNITS, we make learning an amicable and enjoyable experience by implementing an integrated approach with the right blend of academic, extracurricular and sports activities. We are striving to build physical, intellectual, emotional, psychological and spiritual strengths of our students so that they are better equipped to deal with real-world challenges. Opportunities galore GNITS is opening its new doors and avenues to women empowerment and trying to carve a niche for woman leaders.



**Mrs.G.Srividya Reddy**  
Hon'ble Vice-Chairperson

## Dr. K. Rama Linga Reddy, Professor & Dean, Academics

**Dr. K. Rama Linga Reddy** has 30 years teaching experience with 22 years in GNITS and 8 years in CBIT. He worked as HOD for ETE department for 21 years. He completed his B.E. from Vasavi Engineering College in 1989 and M.Tech from SVU Engineering College in 1991, Ph.D from JNTU Hyderabad in 2011. He has 85 research papers to his credit. He has been invited as M.Tech & Ph.D examiner, Staff Selection Committee member by different Universities and Colleges. He was the BOS member and Research Review Committee member for JNTUH (ECE Department) & at present BOS member of ECE department for many Engineering Colleges. He successfully guided 5 Ph.Ds from JNTUH. His interested research areas are Digital Signal & Image Processing, Wireless Communications & Networks. He chaired different technical sessions at National Conferences & Student Symposiums. He is a member of IEEE, IETE & ISTE. He won the Academic Excellence Award in 2005 for his academic contribution in GNITS. He participated in over 80 T.V programs (Panel Discussions related to quality of Engineering Education and EAMCET counseling) in different T.V. news channels. He worked as an advisor for 15 engineering colleges in NBA accreditation process.



## Dr. M. Seetha, Professor & Dean, Research & Development

**Dr. M. Seetha**, was awarded Ph.D from JNTU Hyderabad. She has 30 years of teaching experience in reputed institutions. She headed the CSE department from [June 2016 to June 2023](#). Currently working as [Dean R&D](#) from July 2023. Her research areas include Machine Learning, Deep Learning and Image Processing. She is recognized as Supervisor and Co-Supervisor for various universities like JNTUH, VTU, JNTUA, KLU and JNTUK. 12 research scholars have been awarded with Ph.D, 2 submitted thesis and 2 are pursuing under her guidance. She is [Principal Investigator](#) for 2 DST Projects worth [Rs.58,14,719/-](#) under Device Development Program (DDP) and Technology Interventions for Disabled and Elderly (TIDE) schemes for detecting [Eye Diseases](#). She received a total grant worth [Rs. 37,96,700/-](#) under various schemes like [AICTE – CAYT, MODROBS](#) and [PMKVY](#) schemes. She has published [177 research papers](#) in National/International Journals and Conferences. She is the recipient of [Best HOD of the year Award](#) by [CSI Mumbai TechNext](#), [Acharya Ratna Award](#) by [Information Technology Association of Andhra Pradesh](#) in 2019, [Distinguished Faculty in Engineering Award](#) by [Venus International Foundation](#), Chennai in 2017 and [Star Achiever Award](#) from Accenture Services Pvt. Ltd. in 2016. Published 5 patents in her credit. Mentored several ideas related to Hackathons and R&D projects and won prizes. She delivered sessions as a resource person in various FDP's/Workshops in the areas of Machine Learning, Deep Learning and IoT. She is the incharge of college website design and maintenance. She is the member of [Governing Body, GNITS](#). [Curriculum development](#) is done for two specialization courses in [CSE \(Artificial Intelligence & Machine Learning\)](#), and [CSE \(Data Science\)](#) under her headship. She serves as an Editorial Board Member, Reviewer, Advisory/Program/Steering committee member of various National/International Journals and Conferences. She is the [BOS member](#), subject expert for [Staff Selection Committee](#) for other colleges and also a Life member of ISTE, IETE, CSI and Fellow of IE.



## Dr. N. Kalyani, Professor & Dean, Innovation and Incubation

**Dr. N. Kalyani**, Professor CSE, Dean Innovation and Incubation, obtained Ph.D from JNTUH Hyderabad in the area of Speech and Natural Language Processing. She has [5 years of Industry experience](#) in R.K. Engineers, Hyderabad and [23 years of teaching and research experience](#). She has been working in CSE department since 2004 and handled responsibilities both at department and institute level as central R&D coordinator, NIRF model officer, AICTE, AISHE, NBA and NAAC coordinator. She is [Co-PI for two research projects worth of Rs. 58,14,719/- under DST TIDE and DDP](#). She authored 5 text books for technical courses and are published by [TataMcgraw Hill](#) and [Pearson publishers](#). As a consultant for [Glonbarena private limited](#) she developed content for JNTUH and offered consultant services to [Serveen Software Solutions Pvt Ltd](#). She translated NPTEL Lectures offered by IIT Kharagpur to Telugu language, under [Technical Book writing scheme of AICTE, MHRD, Govt of India](#). She [published 40 plus papers](#) in International Journals like Springer, IEEE and Scopus and published [3 patents](#). She was nominated as reviewer for various international conferences. She is a Publishing chair for the International conference ICICCC2022. She is a recognised [Supervisor](#) and [Co-Supervisor](#) for various universities like JNTUH and KLU. She is a [BoS member, subject expert](#) for staff selection committee for various reputed engineering colleges and is actively involved in curriculum development. She organised 7 workshops and delivered lectures on emerging technologies as [resource person in 21 workshops](#) organised under [E&ICT academy, MHRD, UGC, IODev University etc](#). She completed [one-year Certification Course](#) on '[Machine Learning and its Applications](#)' offered by Applied Roots along with other courses in emerging technologies. She is a life member of [Institute of Engineers, ISTE, CSI, IEAE](#). The various research projects done under her guidance received cash awards and best project awards. She received [Academic Excellence Award and GNITS Star Women of the year 2022 Award](#) by the management of GNITS, [Best Teacher Award](#) from Institute for Exploring Advances in Engineering, [Star Achiever Award](#) from Accenture, [Utham Acharya Puraskar Award](#) by Indian Servers in association with Lions Club International, Vijayawada, Telangana IT Associations and Information Technology Companies association of Andhra Pradesh, and also was [Felicited](#) as [Best Women Engineer Contributor by Institute of Engineers India\(IEI\)](#) in 34th Indian Engineering Congress for contributions in 'Social Engineering - Imperatives for Nation Building : Women Engineers Meet' organized by Telangana State Centre.





## Dr. I Ravi Prakash Reddy, Professor & Dean, Placement & Corporate Relations

**Dr. I. Ravi Prakash Reddy** pursued his B.Tech from Vasavi College of Engineering, Hyderabad in 1994 and M.Tech from Andhra University, Vizag in 1997. He obtained his Ph.D from JNTU Hyderabad in 2011. He has over 24 years of teaching experience and has 38 research publications to his credit in both National and International Journals. Currently 4 research scholars are pursuing Ph.D under his guidance. He joined GNITS in 2001, worked as Head of the Department IT for 13 years and took charge as Dean placements & Corporate Relations in 2023. He is an Editorial Board member of 'Journal of Current Trends in Information Technology', and also a member of professional bodies such as CSI, ISTE. He is the incharge of Computers maintenance, Internet & Wi-Fi in the institution and SPOC for Apple & Infosys Campus Connect Programs.



## Dr. B. Venkateshulu, Professor & Dean, Alumnae Relations

**Dr. B. Venkateshulu** obtained Ph.D from JNTU Hyderabad. He has a rich teaching experience of over 32.5 years & worked in prestigious Engg. Colleges. He has 30 papers published in International, National journals and listed in the IEEE conference proceedings and scopus indexed journals, delivered guest lectures at Wipro, Virtusa etc, conducted 'Design of Small Satellites' in association with Engg. Staff College of India and Institution of Engineers, worked as placement officer in GNITS during 2012 – 2015, played a key role in two research based labs with HFSS software and Texas Instruments based Innovation center in the field of Internet of things and embedded system, organized consultancy work with Navstar Integrated systems and Big Wig Technologies, guided a project which bagged 17 Lakhs prize money in International Hackathon, authored 4 books and 2 lab primers. He has 4 patents filed. He got the sanction of 33 lakhs from AICTE funds for the state of art technology based 2 x 2 MIMO and Vector Network Analyzer equipment in the Center of Excellence of Antenna Radiation Pattern Analysis, Convener for ECE Dept. for International Conference in GNITS conducted during 2019-20 and 20-21. He established ECE Dept. as the nodal center for the outreach program under IIRS of ISRO. Instrumental in 7 MoUs and coordinated College Research Affiliation program with IIITH



## Dr. N. Malla Reddy, Professor & Dean, Admissions & Hostel

**Dr.N.Malla Reddy** has been promoted as **Dean, Admissions & Hostel**. Dr.N.Malla Reddy's research interests lie in diverse areas of Electrical and Electronics Engineering. He has published research papers in reputed national and international journals, making valuable contributions to the field. His research work showcases his commitment to exploring emerging technologies and addressing current challenges within the industry. He actively collaborates with industry professionals and research organizations to bridge the gap between academia and industry. His expertise and insights in EEE make him a sought-after consultant in areas such as Electrical machines, Power Electronics, Power systems, AC & DC Drives and Electric Vehicles. He has provided valuable guidance to organization, contributing to the development of innovative solutions and technologies.



## Dr. Aparna Palle, Professor & Dean, Student Affairs

**Dr.Aparna Palle** DEAN – Student Affairs worked as the **Professor of English** in the Department of **Humanities and Mathematics**, an ancillary department that handles the admissions, academic and administrative works of First year B.Tech. She joined GNITS in 1997 and since inception was heading the Department of Humanities and Mathematics before taking over as the DEAN – Student Affairs with effect from 15<sup>th</sup> June, 2023. Dr.Aparna did her **M.A. in English Literature** from Sri Satya Sai Institute of Higher Learning, Ananthapur in the year 1990 and did her **M. Phil.** and **Ph.D** from **S. K. University**, Ananthapur in the year 2002 and 2004. Her area of research was a comparative study between Jewish American writer Bernard Malamud and Afro American writer James Baldwin. **Dr.Aparna** has 22 research papers and one book publication to her credit. 4 Ph.Ds have been awarded and 3 have been submitted under her guidance and supervision. She has enriching experience in teaching of English for Engineering Graduates and has extensively promoted and conducted various Conferences, Seminars, Workshops, Guest Lectures on English Language Teaching [ELT] in association with **English Language Teachers Association of India [ELT@I]**, **British Council**, **Regional English Language Office [RELO]**, **Cambridge University Press [CUP]** for Professional Development among English teachers. She is a certified trainer for Business English Certificate [BEC] Cambridge University Press and International English Language Testing System [IELTS]. As member Board of Studies JNTU-Hyderabad, Dr.Aparna has made significant contribution in syllabus revision and course work in English. She is a recipient of **Academic Excellence Award in Teaching of English** by **Indus Foundation** and **Star Women Achiever Award** by **Accenture**.



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## *Hearty Congratulations to the newly appointed Coordinators for various activities at the Institution level!!*



**Dr. S.M. Swamy**  
Addl. Controller of Examinations



**Mr. B.V. Prasad Babu**  
Addl. Controller of Examinations



**Mr. S. Nagasriveswara Reddy**  
Addl. Controller of Examinations



**Dr. K. Syamala Devi**  
Addl. Controller of Examinations



**Dr. R. Nageswara Rao**  
Addl. Controller of Examinations/  
Cartesian Committee Coordinator



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Career Guidance Cell



**Dr. K. Prasanna**  
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**Mrs. V. Jahnvi**  
Student Counsellor,  
College Magazine  
Coordinator



**Mr. Ch. Hari Prasad**  
ISTE Secretary



**Dr. B. Sushma**  
College Magazine, Convener



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Arts & Cultural  
Committee Coordinator



**Mrs. T. Aparna**  
Internal Complaints Committee  
Coordinator



**Dr. NVSL Narasimham**  
NSS Coordinator



**Dr. P. Sreesudha**  
Alumni Committee Secretary



**Mr. G. V. Ayadhani**  
Dean, Administration



**Mr. K. Srinivasa Rao**  
Campus and Transport Manager



**Mr. Rakesh Gulati**  
Hostel Manager

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Librarian





## Training & Placement Cell

Mr. G. Narendrababu Reddy, TPO & Asst. Professor, CSE Dept.

### 2023 BATCH - PLACEMENT DETAILS (AS ON 20<sup>th</sup> MAY 2023)

S.No	Organization Name	Total Offers	Average Package(L)	Highest Package(L)	Positions	Offers With Highest Package
1	Accenture	40	455000	650000	2	1
2	Accolite Digital	0	0	0	1	0
3	Adobe	1	4800000	4800000	1	1
4	ADP	0	0	0	1	0
5	Advance Auto Parts	2	1000000	1000000	1	2
6	Alstom	1	480000	480000	1	1
7	Amazon - AWS	3	2183400	2183400	1	3
8	Amzon - SDE	1	4414713	4414713	1	1
9	Anblicks	4	450000	450000	1	4
10	AT & T	9	1100000	1100000	1	9
11	Bank of America	32	625000	625000	1	32
12	Berkadia	3	850000	850000	1	3
13	Brane Enterprises- NSL Hub	3	500000	500000	1	3
14	Byteridge	0	0	0	1	0
15	Capgemini	91	438461.5385	750000	2	1
16	Carrier Corporation	8	1500000	1500000	1	8
17	CGI	12	393000	393000	1	12
18	Cloud4C	0	0	0	1	0
19	Cloudera	1	1899306	1899306	1	1
20	Cognizant - GenC	103	400000	400000	1	103
21	Cognizant - GenC Next	8	675000	675000	1	8
22	Colruyt India	4	600000	600000	1	4
23	Daimler India Commercial Vehicles Pvt. Ltd.	0	0	0	1	0
24	Darwinbox	0	0	0	1	0
25	DBS Bank	1	850000	850000	1	1
26	Deliveroo	1	2190000	2190000	1	1
27	Deloitte	124	760000	760000	6	124
28	D.E Shaw	1	2100000	2100000	1	1
29	Dextara	9	500000	500000	1	9
30	DHL Information Services (India) LLP	0	0	0	1	0
31	DXC Technology	80	420000	420000	1	80
32	Ericsson	7	400000	400000	2	7
33	Everest Technologies	0	0	0	1	0
34	Experian	9	1525000	1525000	1	9
35	EY India	36	605000	605000	1	36
36	Fanatics	0	0	0	1	0
37	Flipkart	1	3257000	3257000	1	1
38	Ford	18	600000	600000	1	18
39	Ford(Product Development Team)	1	600000	600000	2	1
40	Fractal Analytics	0	0	0	1	0
41	Franklin Templeton	7	600000	600000	1	7
42	Freyr Energy Services Pvt. Ltd	5	240000	240000	2	5
43	HackerRank	1	1965186	1965186	1	1
44	HealthEdge	2	1200000	1200000	1	2
45	Hexagon	0	0	0	1	0
46	IBM	2	450000	450000	1	2
47	Infor India Pvt Ltd	0	0	0	1	0
48	Informatica	4	2100000	2100000	1	4
49	Infosys	37	391351.3514	650000	2	4
50	Innova Solutions(Formerly ACS Solutions)	0	0	0	1	0
51	Insight Software	0	0	0	1	0
52	Invesco	0	0	0	2	0
53	Jakson Group	5	400000	400000	1	5
54	JPMorgan Chase	31	1775000	1775000	1	31

55	JSW	1	650000	650000	1	1
56	Kaptius	0	0	0	1	0
57	Legato Health Technologies	0	0	0	1	0
58	Lowe's	1	1836800	1836800	1	1
59	Loyalty Juggernaut	0	0	0	1	0
60	Medha Servo Drives	1	418000	418000	1	1
61	MediaMint	0	0	0	1	0
62	Micron	29	1000000	1000000	1	29
63	Mindset Consulting	0	0	0	1	0
64	Mindtree	65	414615.3846	650000	1	3
65	MosChip Technologies	0	0	0	1	0
66	Optum, UHG	38	973500	973500	1	38
67	PayPal	1	2250000	2250000	1	1
68	Pega Systems	5	1000000	1000000	1	5
69	Persistent Systems	7	501000	501000	1	7
70	Prodapt	98	418367.3469	750000	3	2
71	Providence	6	1004800	1004800	1	6
72	PWC	22	504545.4545	600000	2	1
73	QualiZeal	2	400000	400000	1	2
74	Quantum	8	1000000	1000000	2	8
75	Quest Global	0	0	0	1	0
76	Sailotech	0	0	0	1	0
77	Salesforce	3	1200000	1200000	1	3
78	Servicenow	4	3360000	3360000	1	4
79	Shure Audio Technologies	2	600000	600000	1	2
80	Sonata Software	1	400000	400000	1	1
81	S&P Global	5	900000	900000	1	5
82	State Street	25	860000	860000	1	25
83	Stellantis	8	600000	600000	2	8
84	TEKsystems	0	0	0	1	0
85	Tektronix	2	1050000	1050000	1	2
86	Telstra	11	874500	874500	1	11
87	Teradata	0	0	0	1	0
88	ThoughtSpot	0	0	0	1	0
89	Thoughtworks	0	0	0	1	0
90	Tiger Analytics	0	0	0	1	0
91	Torry Harris	4	450000	450000	1	4
92	Twilio	2	4654000	4654000	1	2
93	United Breweries Limited	2	600000	600000	1	2
94	Varun Beverages Ltd(RJ Corp) - Pepsi	0	0	0	1	0
95	Verisk	2	801000	801000	1	2
96	Viasat	5	1400000	1400000	1	5
97	Wipro	0	0	0	1	0
98	Worley	3	450000	450000	1	3
99	Zessta	0	0	0	1	0
100	Zscaler	0	0	0	1	0
101	TATA Technologies	2	465000	465000	1	2
102	Visteon	1	700000	70000	1	1

### 2023 Batch - Placement Details (as on 20<sup>th</sup> May 2023)

Course	Placed Students	Total Students	Placement Percentage	Highest Package	Average Package	Students above Average Package	Total Offers	Total Companies with Offers	Total Companies Visited	median_package
Computer Science Engineering	168	190	88.42105263	4654000	994399.3571	53	308	50	88	760000
Electrical & Electronics Engineering	101	120	84.17234	1500000	605505.0505	36	186	28	62	500000
Electronics & Communication Engineering	164	187	87.70053476	1775000	689509.7561	68	309	31	70	605000
Electronics & Telematics Engineering	43	51	84.35294118	1775000	716488.0952	22	76	17	70	755000
Information Technology	104	120	86.66666667	4800000	977546.2788	32	181	40	88	760000
<b>Total</b>	<b>580</b>	<b>668</b>	<b>86.7</b>							



## Examination Branch

Dr. G.P. Prasada Reddy, Controller of Examinations

**Dr. G.P. Prasada Reddy** completed B.Tech degree in Mechanical Engineering from KSRM College of Engineering, Cuddapah during 1983-1987. Later he finished M.E degree in Industrial Engineering from Anna University, Madras during 1987-1989. He joined as an Assistant Professor in S.R.K.R Engineering College, Bhimavaram on 05/09/1989. He served there for about 9 years. He joined as Associate Professor in the Department of Mechanical Engineering in 1998. G.P. Prasada Reddy has been supervising examinations from 1998. He received academic excellence award in the year 2005 from GNITS. He was promoted as a Professor on 07/07/07. He published 7 papers in Journals and presented 4 papers in conferences. He also received Six Sigma Green belt certificate from ESCI Hyderabad. He received Ph.D. degree in the year 2012. He was appointed as Controller of Examinations in the year 2011 to supervise the Autonomous work of Examinations. He was the founder Secretary for both ISTE Chapter and ISTE Student Chapter.

### 2022 BATCH- I B.TECH- I SEM- MAR-2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA 5	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
EEE	117	74	63.2	14	18.9	45	60.8	67	90.5	74	100.0	0	0.0
ECE	191	160	83.8	36	22.5	85	53.1	145	90.6	160	100.0	0	0.0
CSE	191	175	91.6	95	54.3	143	81.7	166	94.9	175	100.0	0	0.0
IT	128	114	89.1	52	45.6	87	76.3	110	96.5	113	99.1	1	0.9
ETE	63	53	84.1	9	17.0	29	54.7	43	81.1	52	98.1	1	1.9
CST	64	57	89.1	29	50.9	42	73.7	56	98.2	57	100.0	0	0.0
CSM	63	59	93.7	32	54.2	48	81.4	59	100.0	59	100.0	0	0.0
CSD	63	54	85.7	26	48.1	41	75.9	53	98.1	54	100.0	0	0.0
ALL	880	746	84.8	293	39.3	520	69.7	699	93.7	744	99.7	2	0.3

### 2021 BATCH- II B.TECH- I SEM- FEB-2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA 5 to 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
EEE	130	88	67.7	15	17.0	42	47.7	70	79.5	88	100.0	0	0.0
ECE	212	162	76.4	43	26.5	97	59.9	143	88.3	158	97.5	4	2.5
CSE	219	198	90.4	103	52.0	158	79.8	190	96.0	198	100.0	0	0.0
IT	142	120	84.5	54	45.0	97	80.8	112	93.3	119	99.2	1	0.8
ETM	70	51	72.9	2	3.9	24	47.1	41	80.4	49	96.1	2	3.9
CST	71	57	80.3	7	12.3	27	47.4	47	82.5	57	100.0	0	0.0
CSM	72	63	87.5	24	38.1	50	79.4	60	95.2	63	100.0	0	0.0
CSD	69	65	94.2	27	41.5	57	87.7	61	93.8	65	100.0	0	0.0
ALL	985	804	81.6	275	34.2	552	68.7	724	90.0	797	99.1	7	0.9

### 2020 BATCH- III B.TECH- I SEM- JAN-2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA 5 to 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
EEE	119	110	92.4	13	11.8	66	60.0	106	96.4	110	100.0	0	0.0
ECE	198	180	90.9	41	22.8	123	68.3	167	92.8	179	99.4	1	0.6
CSE	198	195	98.5	89	45.6	168	86.2	191	97.9	195	100.0	0	0.0
IT	134	126	94.0	37	29.4	101	80.2	121	96.0	126	100.0	0	0.0
ETM	59	51	86.4	16	31.4	33	64.7	45	88.2	51	100.0	0	0.0
CST	64	60	93.8	8	13.3	35	58.3	46	76.7	57	95.0	3	5.0
CSM	66	66	100.0	36	54.5	51	77.3	61	92.4	66	100.0	0	0.0
CSD	66	65	98.5	43	66.2	60	92.3	64	98.5	65	100.0	0	0.0
ALL	904	853	94.4	283	33.2	637	74.7	801	93.9	849	99.5	4	0.5



### 2019 BATCH- IV B.TECH- I SEM- DEC-2022- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA below 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
EEE	127	121	95.3	23	19.0	89	73.6	116	95.9	121	100.0	0	0.0
ECE	198	188	94.9	23	12.2	137	72.9	183	97.3	188	100.0	0	0.0
CSE	202	201	99.5	75	37.3	172	85.6	197	98.0	201	100.0	0	0.0
IT	134	119	88.8	44	37.0	88	73.9	113	95.0	119	100.0	0	0.0
ETM	67	61	91.0	19	31.1	45	73.8	58	95.1	61	100.0	0	0.0
ALL	728	690	94.8	184	26.7	531	77.0	667	96.7	690	100.0	0	0.0

### 2019 BATCH- IV B.TECH- II SEM- MAY 2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA below 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
EEE	127	125	98.4	60	48.0	121	96.8	125	100.0	125	100.0	0	0.0
ECE	198	196	99.0	118	60.2	186	94.9	196	100.0	196	100.0	0	0.0
CSE	201	201	100.0	139	69.2	194	96.5	201	100.0	201	100.0	0	0.0
IT	134	127	94.8	64	50.4	111	87.4	126	99.2	127	100.0	0	0.0
ETE	67	61	91.0	29	47.5	44	72.1	61	100.0	61	100.0	0	0.0
ALL	727	710	97.7	410	57.7	656	92.4	709	99.9	710	100.0	0	0.0

### 2022 BATCH- I M.TECH- I SEM- MAR-2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA below 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
PEED	3	3	100.0	1	33.3	3	100.0	3	100.0	3	100.0	0	0.0
CSE	10	10	100.0	1	10.0	8	80.0	8	80.0	8	80.0	0	0.0
CNIS	8	8	100.0	5	62.5	7	87.5	7	87.5	8	100.0	0	0.0
WMC	3	3	100.0	2	66.7	2	66.7	3	100.0	3	100.0	0	0.0
ALL	24	24	100.0	9	37.5	20	83.3	21	87.5	22	91.7	0	0.0

### 2021 BATCH- II M.TECH- I SEM- FEB-2023- RESULTS ANALYSIS

	Appeared	Passed		Passed with SGPA 9 & Above		Passed with SGPA 8 & Above		Passed with SGPA 7 & Above		Passed with SGPA 6 & Above		Passed with SGPA below 6	
		NO	%	NO	%	NO	%	NO	%	NO	%	NO	%
PEED	9	6	66.7	2	33.3	5	83.3	6	100.0	6	100.0	0	0.0
DECE	6	6	100.0	0	0.0	2	33.3	6	100.0	6	100.0	0	0.0
CSE	4	4	100.0	2	50.0	4	100.0	4	100.0	4	100.0	0	0.0
CNIS	10	9	90.0	1	11.1	7	77.8	9	100.0	9	100.0	0	0.0
WMC	1	1	100.0	0	0.0	1	100.0	1	100.0	1	100.0	0	0.0
ALL	30	26	86.7	5	19.2	19	73.1	26	100.0	26	100.0	0	0.0

### 2019-2023 :Batch- B.Tech ( First and Second Rank Holders) PROVISIONAL LIST

S No	Branch	H T No	Name	% of Marks
1	EEE	19251A0282	Kasarla Supraja	9.68
2		19251A02B4	Thadishetti Shivani	9.62
3	ECE	19251A04C4	Arwapally Likhitha	9.61
4		19251A04F1	Mettu Bhavana Reddy	9.55
5	CSE	19251A05D9	D.Venkata Sai Chandana	9.74375
6		19251A0514	Chepuri Sai Tejaswini	9.7375
7	IT	19251A12A4	Ravuri Rupasri	9.55
8		19251A1255	Tandlay Mounika	9.4
9	ETM	19251A1753	Sheela Sangeetha	9.36
10	All	19251A1743	Manusani Sharanya	9.23
	Branches	19251A05D9	D. Venkata Sai Chandana	9.74375

### 2019-2023: Batch- B.Tech GOLD-MEDAL WINNERS-REVISED

S No	Branch	H T No	Name	% of Marks
1	EEE	19251A0282	Kasarla Supraja	9.68
2	ECE	19251A04C4	Arwapally Likhitha	9.61
3	CSE	19251A05D9	D.Venkata Sai Chandana	9.74375
4	IT	19251A12A4	Ravuri Rupasri	9.55
5	ETE	19251A1753	Sheela Sangeetha	9.36
6	All Branches	19251A05D9	D.Venkata Sai Chandana	9.74375



## Computer Science & Engineering

Dr. Sharada Adepu, Professor & Head

**Dr.A.Sharada**, Professor & Head, CSE dept., obtained Ph.D from JNTUH in the area of Speech Recognition. She is currently working on many innovative R&D projects in the areas of Voice Assistants for Elderly and Patient care, Mental Health Analysis, Assistive Technology, and Augmented & Virtual Reality which were presented at DST, New Delhi and won prizes and Best Paper Awards. She has been working in CSE Dept. for the last 21 years.

As a Consultant to Gauthami software solutions, she has developed content for Gradiance portal of Stanford University. To her credit, she has a license for the research work done in finalizing Telugu Phone set and Phoneme chart applicable to Speech Recognition research under Creative Commons Unported License and 3 patents. She has received research grant worth 6.25 lakhs and submitted numerous research proposals to various funding agencies. As Program Chair she has organized AICTE-GOC Sponsored International Conference at GNITS, Hyderabad during November 18-19, 2022. She is a recognized Supervisor and Co-Supervisor for various universities such as JNTUH, KLU etc and 2 research scholars are pursuing Ph.D. under her guidance. Dr.Sharada received Best Teacher Award from Institute for Exploring Advances in Engineering in March, 2018. Dr.Sharada adopted many books for various universities and reviewed books on UML, C, Data Structures, C++ and JAVA for popular publishers like Tata McGrawHill, Pearson, Oxford University Press etc. She has published around 35 papers in International Journals like Springer and ACM and in International conferences. As a Resource person she delivered lectures in workshops in addition to coordinating workshops on the recent trends. She served as Reviewer, National Advisory Board Member, Steering committee member of various National/International Journals and Conferences. She is a Fellow of Institution of Engineers (India), Life Member of CSI and IEAE.

### CSM, CSD

**Dr. O. Obulesu, Assoc. Professor & Head**

**Dr. O. Obulesu**, was awarded Ph.D from JNTU Anantapur, A.P in 2017. He has more than 15 years of teaching experience in reputed institutions. He is currently working as **Associate Professor & Head** for the Departments of CSE (AI & ML) and CSE (Data Science). He is a Reviewer for DST SERB-POWER scheme, IEEE Transactions on Neural Networks and Learning Systems and Springer SN-Computer Science Journals. He received Best Professor Award by Indian Servers at VRSEC, Vijayawada, A.P. in 2019. He received Best Paper Award (NCDMKE) at SRM University, Chennai in 2014. He has published 48 research papers in National/ International Journals and Conferences. He conducted an AICTE-GOC Sponsored International Conference at GNITS, Hyderabad during November 18-19, 2022 as a Program Co-Coordinator. He delivered sessions as a resource person in various FDPs/ Workshops in the areas of Data Analytics, Machine Learning and Data visualization using R. He is a recognized Supervisor and Co-Supervisor for various universities such as JNTUH, KLU and MBU, Tirupati. 2 Research scholars are pursuing Ph.D. under his guidance. He is an expert member of BoS at NBKRIST, Nellore, A.P. He is a Module Coordinator for various courses



related to CSE-Data Science specialization. He serves as Reviewer, Program committee member of various National/ International Journals and Conferences. He is a Life member of CSI and member of ACM & IAENG professional societies.

### Department Vision

- ❖ To provide engineering education in the field of Computer Science with evolving technologies and to produce self-motivated, employable individuals to society.

### Department Mission

1. To pioneer education in Computer Science and Engineering, Mathematics and Sciences, to mould the overall personality of students.
2. To nurture the students to be dynamic, industry ready and to have multidisciplinary skills and leadership qualities.
3. To inculcate work ethics and commitment in students for their future endeavors to serve the society.

### Program Educational Objectives (PEOs)

**PEO 1:** The students should be able to apply their knowledge in Mathematics, Science, Engineering as well as Computer Science along with programming skills in their career and higher education.

**PEO 2:** They are expected to communicate well and get ready for understanding the importance of social, business, technical and ethical aspects with which a process or product is designed.

**PEO 3:** They should be able to excel in multidisciplinary teams, develop leadership roles and inculcate problem solving capability, design skills and other diverse career paths.

**PEO 4:** They should develop an interest in knowledge enhancement with the evolving technologies and thinking beyond the present.

### Highlights of the Department

- ❖ CSE dept., organized an **AICTE Sponsored 6<sup>th</sup> International Conference on Intelligent Computing and Communications (ICICC-22)** held on 18<sup>th</sup> and 19<sup>th</sup> November 2022 in collaboration with **E&ICT Academy, NIT, Warangal** on the occasion of Silver Jubilee Celebrations.

- **Day 1:** Two Special Sessions were delivered by keynote speakers of **Sri Chandrakant Pithawa**, Padma Sri Awardee, Former Director-BARC, Mumbai, and Nuclear Scientist. and **Prof. KC Santosh**, Chair, Dept. of CS, University of South Dakota, USA.
- **Day 2:** Delivered a talk on '**Computational Intelligence: A New Approach of Problem Solving**' by **Prof. Suresh Chandra Satpathy**, Professor and Dean (Research), KIIT, Bhubaneswar, Odisha and talk on '**Future Technology Trends-Career Opportunities in Metaverse/Web 3.0/AI/AR/MR**' by **Mr. Srinivasa Reddy**, Senior Director, Mixed Reality, Microsoft India, Hyderabad.



Inaugural Session and Souvenir release of ICICC-22



Dept R&D showcase



Panel Discussion on 'Explainable AI for Sustainable Society'



Valedictory Session of ICICC-22



- In the Valedictory function, we had eminent Academicians as Chief Guest, **Prof. N.V. Ramana Rao**, Director, NIT Warangal and as Guest of Honor **Prof. Katta Narasimha Reddy**, Hon'ble Vice Chancellor, JNTUH, **Prof RBV Subramanyam**, Chief Investigator, E&ICT Academy, **Dr. S Ravichandra**, HoD-CSE, NIT Warangal, **Prof KC Santosh**, Chair, Dept. of CS, University of South Dakota, USA, **Mr. Srinivasa Reddy**, Senior Director, Mixed Reality, Microsoft India, along with hon'ble Vice-Chairman **Smt. Sri Vidya Reddy Gunampalli**, **Prof. K. Ramesh Reddy**, Principal-GNITS, and conference chairs **Prof S.C. Satpathy** and **Dr. M. Seetha**.

- ❖ Various proposals for different research schemes were submitted to **DST (8)**, **Dept. of Biotechnology (2)** and **ICSSR (1)** worth **Rs. 3,02,28,605/-** in the academic year 2022-2023.
- ❖ Signed **MoU** with **CYMAX Infotainment Pvt. Ltd.** related to the activities of Skill based training and Expert Lectures in Jan 2023.
- ❖ **168 B.Tech** students from **2019-2023 batch** and 2 M. Tech. students have been placed in reputed MNC's.
- ❖ **2 students** of **2019-2023 batch** got placed in **Twilio** with a CTC of **47 Lakh/Annum**.
- ❖ Totally **125** students got internships in the academic year 2022-2023 in various companies like Microsoft, Salesforce, D.E Shaw with a **highest stipend** of **Rs. 1,25,000/-**
- ❖ **Ch. Pratyusha**, IV CSE C, along with her team mates **B. Vidya Sree** IV CSE C and **Ameena** IV ECE-B has successfully incorporated a company named **Dyonya Private Limited**. She has been persistently working on the idea under the guidance of **Dr.M.Seetha**, **Dr. A.Sharada** and **Mrs. M. Lalitha** since her 2nd year.
- ❖ **Ch. Pratyusha** and **B. Vidya Sree** IV CSE C, received the **GNITS Seed Grant** for developing a healthcare product, **Glycosap** and won a **consolation prize** at Anveshana 2023 finals for the idea and also got selected for the WE-Alpha and UPsurge programs at WE Hub.
- ❖ **Tharunya Varma**, III CSE A, received 2<sup>nd</sup> prize in **Essay Writing Competition** on Cyber Security in JNTUH Golden Jubilee Celebrations in Sept 2022.
- ❖ **Keerthi Sri**, III CSE-C, received 2<sup>nd</sup> prize in **short film** on Cyber Security at JNTUH Golden Jubilee Celebrations in Sept 2022.
- ❖ **G. Pravalika** and **Sana Sultana** II CSE C won **Consolation prize** in National Level Hackathon on Rich Web Application Development conducted by Nalla Narasimha Reddy College of Engineering on 29/04/2023.
- ❖ **2 students** received **Best Research Paper Awards** in the **6<sup>th</sup> Pure Earth Environment Conference** organised by Pure Earth Foundation and Jawaharlal Nehru Architecture and Fine Arts University in Hyderabad in Apr 2023.
- ❖ Overall the students of all I, II, III and IV year participated in **27** workshops, **14** poster presentations, **22** quiz competitions, published **32** papers in National and International journals and completed **40** certification courses.
- ❖ The following **2 hackathons** were conducted under CSI by Dept. of CSE.
  - **'Cyber Security'** for II B.Tech. students in association with **Indian Servers**, Hyderabad on 15/04/2023. Winners of the hackathon are as follows and received internship offers:



24-hour hackathon conducted on **Applied Data Science with IBM Cloud** from 12/11/22 to 13/11/22

E. Pavani, K. Jayasri Vaishnavi, K. Sai Charitha, N. Ravitherni, P. Kavya, II CSE, CSM, CSD

- **'Applied Data Science with IBM Cloud'** for III B. Tech students in association with **Smart Bridge Solutions Pvt. Ltd.**, Hyderabad from 12/11/2022 to 13/11/2022. Winners of the hackathon are as follows:
  - **I Prize** - Ch. Vamshi Priya, M. Sruthi, K. Sudeepthi, M. Sihisha Reddy III CSE, CSM, CSD
  - **II Prize** - V. Keerthi, P. Siri Chandana, G. Samhitha, R. Sravanthi, III CSD

#### Newly Joined Faculty

- ❖ CSE – **Mrs. J. Srilatha**, Asst. Prof
- ❖ CSM - **Mrs. S.S.S. Lakshmi**, **Mrs. Y. Rajya Laxmi**, **Mr. N. Siva Sankar**, **Mrs. T. Neha**, **Mrs. A. Deepthi** Asst. Profs
- ❖ CSD – **Mrs. T. Mallika Devi**, **Mrs. P. Priyanka**, Asst. Profs

#### Workshops Conducted

- ❖ 2-day FDP on **'Python Programming'** organized by Dept. of CSE & IT for non-teaching staff from 24-02-2023 to 25-02-2023.
- ❖ The following 1-Day Pre-Conference workshops were conducted as part of ICICC-2022 on

- **'Data Monetization for Digital Transformation'** on 17/11/2022. **Dr. G. Malini Devi**, Assoc. Prof was the Coordinator.
- **'Architecting Application Lifecycle Automation using DevOps'** on 15/11/2022. **Dr. G. Malini Devi**, Assoc. Prof was the coordinator.



Participants in Data Monetization for Digital Transformation



Guest Lecture on 'Architecting Application Lifecycle Automation using DevOps'

#### Faculty Achievements

- ❖ **Dr. M. Seetha**, Professor and Dean Research & Development
  - **Certificate of Attendance** in Amazon AI Conclave presented by AWS in collaboration with Intel on 21/12/2022.
  - **One Research Scholar** was awarded Ph. D in **Feb 2023** under JNTUH.
  - **Two Research scholars** submitted Ph. D thesis in Feb 2023.
  - **Published** open access article with **Elsevier** between 2019-2021.
- ❖ **Dr. N. Kalyani**, Professor and Dean Innovation and Incubation
  - Attended **IIITH incubation meet** for networking with other incubators team on 16/06/2023.
  - Attended **Open House Discussion Forum** on the Startup20 Policy Communique at Conference Hall, **ALEAP Industrial Estate**, Hyderabad, Telangana on 26/05/2023.





- ❖ Nominated as a **Resource person** for the following
  - FDP on 'Emerging Research Trends and Advancements in Computer Science' organized by BIHER on 05/01/2023.
  - The topic on 'Exploratory Data Analysis' organized by UGC-HRDC, JNTUH on 22/12/2022.
- ❖ Submitted two proposals 'Inclusion Tech Hub: Nurturing Inclusivity and Innovation' under DST- ITBI and 'Training Program on Entrepreneurship' under DST-IE Division.
- ❖ **Dr. M. Seetha** Prof and Dean R&D, **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation attended the following meetings
  - 22<sup>nd</sup> project review Meeting of the Programme Advisory and Monitoring Committee (PA&MC) for Technology Interventions for Disabled and Elderly (TIDE) Programme at NIAS-IISc Campus, Bengaluru, Karnataka on 24/06/2023.
  - Visited Entrepreneur Centre at Society for Innovation and Development Research Foundation IISc Bangalore, Karnataka on 23/06/2023.
  - PALS H HUB LAUNCH event at Technology Research Park (TRP), IIT HYDERABAD Kandi on 9/06/2023.
- ❖ **Dr. A. Sharada**, Prof & HOD (CSE)
  - Nominated as Program Chair for ICICC – 22 conducted by Dept. of CSE at GNITS in Nov 2022.
  - Reviewer for ICSCI – 22 at Vasavi College of Engineering, Hyderabad in Sept 2022.
- ❖ **Dr. O. Obulesu**, Assoc. Prof., & HOD (CSM, CSD)
  - Expert member of Research Monitoring Committee of Mohan Babu University, Tirupati on 25/11/2022.
  - Guest Lecture on 'DATA MINING' organized by Dept. of CSE, KGR CET, Hyderabad on 1/11/ 2022.
  - Attended a BOS meeting for AI & DS department at NBKRIST, Nellore on 10/09/2022.
  - Nominated as Reviewer for the following.
    - DST-SERB proposal in April 2023.
    - SN Computer Science journal in March 2023.
    - Advances in Science, Technology and Engineering Systems Journal in Feb 2023.
- ❖ **Dr. M. Seetha**, Prof and Dean R&D, **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation, **Dr. A. Sharada**, Prof & HOD (CSE), **Dr. P. Sunitha Devi** and **Mrs. Bhageshwari Ratkal**, Asst. Profs., visited the Microsoft Garage on 17/03/2023. 
- ❖ **Dr. M. Seetha**, Prof and Dean R&D, **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation, **Dr. A. Sharada**, Prof & HOD (CSE), **Dr. K. Prasanna**, Assoc. Prof and **Dr. B. Sasidhar**, Asst. Prof, attended BIOASIA-2023 Expo at Novotel, Hyderabad from 24/02/2023 to 26/02/2023. 
- ❖ **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation and **Dr. A. Sharada**, Prof & HOD (CSE), have been selected for AICTE Technical Book Translation and attended the orientation in JNTU Anantapur on 21/12/2023.
- ❖ **Dr. D. V. Lalitha Parameswari**, Assoc. Prof, was nominated as a Reviewer of the Azura-2k23 on paper presentation held at CMRCET, Hyderabad on 04/04/2023.
- ❖ **Dr. G. Malini Devi**, Assoc. Prof, published the following Book Chapters titled.
  - 'Neonatal monitoring system using IoT and object detection' in Computer Vision by De Gruyter frontiers in Computational Intelligence in 2023.
  - 'Prediction of knee osteoarthritis progression using machine learning techniques' in Cloud analytics for industry 4.0 by De Gruyter on Smart Computing Applications in 2022.
- ❖ **Dr. Raghavender K. V**, Assoc. Prof
  - Guest Lecture on 'Latest Trends in Cyber Security' organized by CIET, Guntur on 26/11/2022.
  - Coordinator for the '30 Days JAVA FULL STACK Program' conducted by Pantech e Learning from 01/09/2022 to 30/09/2022.
- ❖ **Dr. P.Sunitha Devi**, Asst. Prof., received Best Student Branch Counsellor Award for the year 2022-2023 under CSI conducted by CSI Hyderabad@T-Hub, Hyderabad on 06/05/2023. 
- ❖ **Dr. P.Sunitha Devi**, and **Y. Sravani Devi** Asst. Profs., received Best Paper Award in ICICC-22, GNITS. 
- ❖ **Dr. K. Prasanna**, Assoc. Prof, was nominated as a Reviewer for Ph. D Thesis at Sri Satya Sai University of Technology and Medical Sciences, Sehere in June 2023.
- ❖ **Dr. B. Sasidhar**, Asst. Prof, was nominated as a Reviewer for the following journals
  - IEEE International Conference on Applied Intelligence and Sustainable Computing (ICAISC-2023) organised by SDM College of Engineering and Technology, Dharwad in June 2023.
  - Measurement: Sensors journal in September 2022.
- ❖ **Mrs. R.Pallavi Reddy**, Asst. Prof, was nominated as a Reviewer of papers for IEEE International Conference on Interdisciplinary Approaches in Technology and Management for Social Innovation, organized by IEEE MP Section and ABV-IIITM Gwalior from 21/12/2023 to 23/12/2023.
- ❖ **Mrs. Y. Sravani Devi**, Asst. Prof, was nominated as a Reviewer in FICTA2023, Springer nature in Nov 2023.
- ❖ **Mr. T. Anil**, Asst. Prof, published a book titled 'Computational Intelligence: AI and ML' with ISBN NO: 978-93-5757-183-8 in April, 2023.
- ❖ The following are the Research Proposals submitted in the academic year 2022-2023.
  - **Dr.M.Seetha**, Prof and Dean R&D, **Dr.A.Sharada**, Prof & HOD (CSE), **Dr.P.Sunitha Devi** and **Mrs. Bhageshwari Ratkal**, Asst. Profs., submitted a research proposal on 'Multimode Expressive Avatar Mediated Communication to enhance social life among elderly and differently abled' to SERB-POWER GRANT in October 2022.
  - **Dr.M.Seetha**, Prof and Dean R&D and **Dr. K. Prasanna**, Assoc. prof submitted a research proposal on 'Deep Learning Approach for analysis of Epileptogenic Tissue response to Intracranial Electroencephalography for Prediction of Epileptic Seizure' to SERB-SURE in September 2022.



- **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation, **Dr. A. Sharada**, Prof & HOD (CSE), **Mrs. Ch. Mandakini**, **Mrs. R. Pallavi Reddy** and **Mrs. B. Amrita**, Asst. Profs, submitted a research proposal on 'Screening of facial expression disorders among pre scholars using deep learning techniques to enhance social cognition' to SERB-POWER GRANT in September 2022.
- **Dr. N. Kalyani**, Prof and Dean Innovation and Incubation, **Dr.D.V. Lalitha Parameshwari** and **Dr. G. Malini Devi**, Assoc. Profs, submitted a research proposal on 'Motion pattern classification using deep learning for intelligent navigation' to SERB-SURE in September 2022.
- **Dr. A. Sharada**, Prof & HOD (CSE), **Dr.D.V. Lalitha Parameshwari**, **Dr. G. Malini Devi**, Assoc. Profs and **Mrs.M.Lalitha**, Asst. Prof, submitted a research proposal on 'Deep Learning techniques for identification of river and canal networks from satellite images' to SERB-SURE in September 2022.
- **Dr. O. Obulesu**, Assoc. Prof & HOD (CSM, CSD), submitted a research proposal on 'A novel Methodology for Early Detection of Heart and Diabetes using Machine Learning & Deep Learning Techniques' to DST-SERB in June 2023.
- **Dr. O. Obulesu**, Assoc. Prof & HOD (CSM, CSD), **Dr. B. Sasidhar**, Asst. Prof, submitted a research proposal on 'Automatic Early Detection of Lung Cancer Using Image Processing Techniques on CT Scan Images' to Department of Biotechnology in March 2023.
- **Dr.D.V. Lalitha Parameshwari**, **Dr. G. Malini Devi**, **Mrs Jayashree S Patil**, Assoc. Profs and **Mrs.T.Swapna**, Asst Prof, submitted a research proposal on 'Deep learning techniques for object detection and distance estimation for non-cooperative collision avoidance in air' to SERB-POWER GRANT in September 2022.
- **Dr. K. Prasanna**, Assoc. Prof, submitted a research proposal on 'Advancing Epilepsy Detection in the Human Brain: Deep Learning Techniques for Precise Seizure Localization and Prediction using Electroencephalography (EEG)' to DST-SERB in June 2023.
- **Dr. K. Prasanna** and **Dr. Raghavender K.V.**, Assoc. Profs, submitted a research proposal on 'Deep Learning framework for Plant Disease Detection and Organic Solutions' to Department of Biotechnology in January 2023.
- **Dr.S.Ravi Kumar Raju**, Assoc. Prof, submitted a research proposal on 'A Novel Paradigm for Strengthening Indian Economy' to Indian Council for Social Science Research in October 2022.

#### Faculty Publications

- ❖ **Dr. M. Seetha**, Prof. & Dean R&D, **Dr. N. Kalyani**, Prof & Dean Innovation and Incubation and **Mrs. Y. Sravani Devi**, Asst. Prof, published the following papers:
  - 'Intelligent Deep Learning Based Pothole Detection and Alerting System' in IJCIR, Volume 19, Issue 1. pp:25-35, ISSN No:0973-1873, Google Scholar in June 2023.
  - 'An Ensemble CNN model for Identification of Diabetic Retinopathy Eye Disease' in 5<sup>th</sup> International Conference on SICA, ISBN: 978-981-16-9705-0, Vol: 2, DOI: 10.1007/978-981-16-9705-0\_19 in 2022.
  - 'Classification of Fundus Images Captured using D-Eye Smartphone Retinal Imaging System' in ICETCEA, ISBN:978-1-6654-7710-9, DOI: 10.1109/ ETCEA 57049.2022. 110009691 in Nov 2022.
- ❖ **Dr. N. Kalyani**, Prof & Dean Innovation and Incubation published a paper titled 'Smart Fit On Using Machine Learning and Deep Learning Techniques' in IJCSE, Volume 13, Issue 1. pp:11-34, ISSN No: 2249-4251, Google Scholar in June 2023.
- ❖ **Dr. A. Sharada**, Prof & Head (CSE) published a paper titled 'Datasets Creation for Depression Risk Prediction in Educational Environment during Pandemic' in ACST, Volume 16, Issue 1. pp: 13-26, ISSN No: 0973-6107, Google Scholar in June 2023.
- ❖ **Dr. A. Sharada**, Prof & Head (CSE) and **R. Mamatha**, Asst. Prof., published a paper titled 'Future of Project Management with Machine Learning' in IJCIR, Volume 19, ISSN 0973-1873 in June 2023.
- ❖ **Dr. A. Sharada**, Prof & Head (CSE) and **Mrs.T. Swapna**, Asst.Prof., presented a paper titled 'Stress Detection based on Multimodal Data in a classroom environment' in 2nd International Conference on Cybersecurity and Evolutionary Data Engineering at GL Bajaj Institute of Technology and Management, Greater Noida in Dec 2022.
- ❖ **Dr. A. Sharada**, Prof & Head (CSE), **Mrs. Bhageshwari Ratkal** and **Mrs. M. Lalitha**, Asst.Profs., presented a paper titled 'Stress Detection in Classroom Environment using Physiological Data', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- ❖ **Dr. O. Obulesu**, Assoc. Prof & Head (CSM, CSD) published the papers titled
  - 'Lip Movement Detection Using 3D Convolution and Resnet' in IJRASET, Volume 11, Issue 06, pp:3699-3705, ISSN No: 2321-9653, UGC in June 2023.
  - 'People Counting and Tracking System in Real-Time Using Deep Learning Techniques' in IJRASET, Volume 11, Issue 06, pp:3730-3737, ISSN No: 2321-9653, UGC in June 2023.
  - 'Train Delay Predict On Using Machine Learning and Deep Learning Techniques' in IJCSE, Volume 13, Issue 1. pp:35-44, ISSN No: 2249-4251, Google Scholar in June 2023.
- ❖ **Dr. O. Obulesu**, Assoc. Prof & Head (CSM, CSD), and **N. Venkateswarulu** Asst. Prof, published the papers titled
  - 'An Industry Framework for Remote Health Monitoring using Machine Learning Models to Predict a Disease' in JSIR, Vol: 82, Issue: 2, pp: 232-240, ISSN: 0975-1084, SCIE & Scopus Indexed in Feb 2023.
  - 'The Adaptive Strategies Improving Digital Twin Using IoT' in SIST, Vol: 315, pp: 439-445, ISSN: 2190-3026, ISBN:978-981-19-4162-7, Scopus Indexed in Nov 22.
  - 'Early Prediction of Healthcare Diseases Using Machine Learning Techniques', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- ❖ **Mrs. Jayashree S Patil**, Assoc. Prof., published the following papers:
  - 'Water Quality Prediction using Image Processing and Machine Learning Models' in IJCSE, Volume 13, Issue 1. pp:45-55, ISSN No: 2249-4251, Google Scholar in June 2023.
  - 'Reliability Enhancement and Optimal Path Selection in MANET Communication' in CIMS, Volume 28, ISSN NO: 1006-5911.
- ❖ **Dr. D. V. Lalitha Parameswari**, Assoc. Prof, published the papers titled
  - 'Detection of stages in Diabetic Retinopathy using CNN',

in IJAEMA, Vol: XV, Issue V, pp: 612-621, ISSN NO: 0886-9367, Google Scholar in May 2023.

- 'Technology for Kisan Samanvayam: Nutrition Intelligibility of Groundnut Plant using IoT-ML Framework', in IJRITCC, Vol: 11, Issue: 3, ISSN: 2321-8169 in Mar 2023.
- 'Block chain in healthcare: Moving towards a methodological framework for Protecting Biomedical databases', in JDMSC, Vol: 25, Issue 4, pp: 891-901, DOI: 10.1080/09720529.2022.2068598, in July 2022.
- ❖ **Dr.G. Malini Devi**, Assoc. Prof., presented a paper titled 'A Pragmatic approach for hate speech detection through apply Machine Learning', in AIP Conference Proceedings, Vol: 2724, DOI:10.1063/ 5.0130174, Scopus in Apr 2023.
- ❖ **Dr. Raghavender K. V**, Assoc. Prof., published the papers titled
  - 'Early stage detection of PCOS using Deep learning' in ICDSA at Lendi Institute of Engineering and Technology, Viziznagaram, India and California State University, USA, in Apr 2023.
  - 'A Machine Learning Based Approach for Detection of Distributed Denial of Service Attacks' in Applications of Artificial Intelligence and Machine Learning, ISSN: 1876-1100, Lecture Notes in Electrical Engineering, ISBN:978-981-19-4830-5, DOI: 10.1007/978-981-19-4831-2, in Sept 2022.
- ❖ **Dr. K. Prasanna**, Assoc. Prof., published a paper titled 'A Comparative Study on Deep Learning Models for Plant Disease Detection and Organic Solutions' in IJRASET, Volume 11, Issue 06, pp:3706-3717, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Dr. B. Sasidhar**, Asst. Prof., published and presented the papers titled
  - 'Classification of Brain Tumor as Benign or Malignant Using Image Processing and Deep Learning Techniques: A Comparative Study' in IJRASET, Volume 11, Issue 06, pp: 3635-3641, ISSN No: 2321-9653, UGC in June 2023.
  - 'Segmentation of lung regions for the detection of juxta-pleura nodules in CT scan', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- ❖ **Dr. P. Sunitha Devi, Mrs. Ch. Mandakini and Mrs. R. Pallavi Reddy**, Asst. Profs, presented a paper titled 'Robotic Arm for Effective Environmental Cleaning', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- ❖ **Dr. P. Sunitha Devi**, Asst. Prof., published the papers titled
  - 'Comparison of Machine Learning Algorithms for Detection of Stuttering in Speech' in ACST, Volume 16, Issue 1. pp: 45-53, ISSN No: 0973-6107, Google Scholar in June 2023.
  - 'Language Interpretation Using Machine Learning' in IJCIR, Volume 19, Issue 1. pp:37-50, ISSN No:0973-1873, Google Scholar in Jun 2023.
- ❖ **Mrs. Ch. Mandakini**, Asst. Prof., published a paper titled 'Automatic Irrigation and Crop Monitoring System Using IoT and Deep Learning' in ACST, Volume 16, Issue 1. pp:1-11, ISSN No: 0973-6107, Google Scholar in June 2023.
- ❖ **Mrs. J. Padmavathi and Mrs. S. Sandhya**, Asst. Profs., published a paper titled 'Perinatal Mental Health Care System using Machine Learning Techniques' in IJAEMA, Vol: XIV, Issue: VII, UGC Care, ISSN NO: 0886-9367, in July 2022.
- ❖ **Mr. T. Rajesh**, Asst. Prof., published a paper titled 'Malware Detection and Prediction System Using Advanced Machine Learning Algorithms' in IJRASET, Volume 11, Issue 06, pp:3718-3729, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Dr. G. Narendra Babu Reddy**, Asst. Prof., published a paper titled 'Generative Data Augmentation and ARMD Classification' in IJRASET, Volume 11, Issue 06 pp:3662-3667, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Mrs. Ch. Swathi**, Asst. Prof., published and presented the papers titled
  - 'Glucose Monitoring using Deep Learning' in IJRASET, Volume 11, Issue 06, pp:3668-3672, ISSN No: 2321-9653, UGC in June 2023.
  - 'Computational Learning Model for Prediction of Parkinson's Disease Using Machine Learning' in ICSCSP-2022, SIST Series, at MallaReddy College of Engineering & Technology, Hyd.
- ❖ **Mrs. T. Swapna**, Asst. Prof., published the papers titled
  - 'Diabetic Retinopathy Classification using Transfer learning' in IJATCSE, Volume 12, No.3, pp:110-116, ISSN No:2278-3091, Google Scholar in June 2023.
  - 'Feature extraction to detect and classify diabetic retinopathy using fundal images' in IRJET, Vol: 9, Issue 11, pp: 599-610, ISSN: 2395-0072, Google Scholar in Nov 2022.
- ❖ **Mrs. D. R. Nanda Devi**, Asst. Prof., published a paper titled 'Question Generation System Using NLP' in IJCSE, Volume 13, Issue 1. pp:1-9, ISSN No:2249-4251, Google Scholar in June 2023.
- ❖ **Mr. Ch. Sudarshan Reddy**, Asst. Prof., published a paper titled 'Soil Fertility Analysis Using IoT' in IJRASET, Volume 11, Issue 06, pp:3738-3743, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Mr. B. Vamshi**, Asst. Prof., published a paper titled 'Detection of Distracted Driver Using Convolutional Neural Network' in IJRASET, Volume 11, Issue 06, pp:3642-3651, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Mrs. Y. Sravani Devi**, Asst. Prof., published the papers titled
  - 'Diabetic Retinopathy (DR) Image Synthesis Using DCGAN and Classification of DR Using Transfer Learning Approaches' in IJIG, DOI: 10.1142/S0219467823400090, Scopus in Apr 2023.
  - 'A Deep transfer learning approach for identification of diabetic retinopathy using data augmentation' in IAES IJ-AI, Vol: 11, No. 4, ISSN: 2252-8938, DOI: 10.11591/ijai.v11i.4, pp: 1287-1296 in Dec 2022.
  - 'Glaucoma Retinal Image Synthesis Using the GAN', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
  - 'Generative Data Augmentation and ARMD Classification' in IJRASET, Volume Volume 11, Issue 06, pp:3662-3667, ISSN No: 2321-9653, UGC in June 2023.
- ❖ **Mrs. T. Divya Kumari**, Asst. Prof., published the papers titled
  - 'Learning based Software Defect Prediction' in IJCIR, Volume 19, Issue 1. pp:51-62, ISSN No:0973-1873, Google Scholar in June 2023.
  - 'Framing of quality questions for quality code snippets', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
  - 'Java Source Code Similarity Using Siamese Neural Networks' in JTAIT, Vol: 100. No: 17, pp: 5507-5514, Scopus, ISSN: 1992-8645, in Sept 2022.
- ❖ **Mr. G. NagaBabu**, Asst. Prof., published a paper titled 'Easy Bus (Virtual Bus Pass and Bus Tracking System): Design and Implementation Using Machine Learning Algorithms' in



IJRASET, Volume 11, Issue 06, pp:3652-3661, ISSN No: 2321-9653, UGC in June 2023.

- ❖ **Mr. T. Anil**, Asst. Prof., published a paper titled 'Evaluation of Deep Learning Models for Fake News Detection' in IJCIR, Volume 19, Issue 1. pp:1-11, ISSN No:0973-1873, Google Scholar in June 2023.
- ❖ **Mrs. K. Sneha Reddy**, Asst. Prof., published a paper titled 'Diet Recommendation System Based On Vitamin Intake' in ACST, Volume 16, Issue 1. pp:35-43, ISSN NO:0973-6107, Google Scholar in June 2023.
- ❖ **Mrs. G. Roja**, Asst. Prof, presented a paper titled 'Disease Prediction using Blood Reports' in ICCCI at Sri Shakthi Institute of Engineering and Technology, Coimbatore in Jan 2023.
- ❖ **Mrs. G. Roja, Mrs. N. Divya and Mrs. B. Spandana**, Asst. Profs., presented a paper titled 'Intelligent Alert System for Women Security' in ICCIC at Vasavi College of Engineering, in Dec 2022.
- ❖ **Mrs. G. Roja and Mrs. B. Spandana**, Asst.Profs, presented a paper titled 'A Hybrid PSO-FUZZY Trust Energy Aware DRP in Wireless Sensor Network' in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- ❖ **Mrs. N. Divya**, Asst. Prof., published a paper titled 'Detection of COVID-19 and Pneumonia using Chest X-ray Scans with Deep Learning' in ACST, Volume 16, Issue 1. pp: 27-34, ISSN No: 0973-6107, Google Scholar in June 2023.

#### **Workshops / Seminars/Webinars attended by Faculty**

- ❖ **Dr. O. Obulesu** Assoc. Prof & Head (CSM, CSD), **Mrs. Nayan Rai**, **Mrs. A. Leela Kumari**, **Mrs. Y. Rajyalaxmi**, **Ms. C. Bhagyashree**, **Mrs. J. Sri Latha**, **Mrs. A. Prasanna**, **Mrs. N. Divya**, **Mrs. G. Roja**, **Mrs. B. Amrita**, **Mrs. T. Neha** and **Mrs. T. Mallika Devi**, Asst. Profs., attended a 1- Week FDP on 'Recent Trends in Data Science for Engineering' conducted by CBIT, Hyd from 26/06/2023 to 30/06/2023.
- ❖ **Dr. O. Obulesu**, Assoc. Prof & Head (CSM, CSD), participated in
  - 40 hours online Capacity Building Programme on 'Blockchain Technology and Applications' conducted by PDPM IITDM, Jabalpur from 15-06-2023 to 24-06-2023.
  - 1-Week FDP on 'Machine Learning in Big Data Applications and Security Challenges' conducted by Dept. of CSE, MLRIT from 24/04/2023 to 29/04/2023.
  - 2-Day National Level workshop on 'Curriculum Framework', organized by Institute for Academic Excellence, Hyderabad from 17/3/2023 to 18/03/2023.
- ❖ **Dr. G. Malini Devi**, Assoc. Prof, participated in the following FDP's.
  - 'Leadership and Governance for Institutional Sustainability' organized by Geethanjali College of Engineering and Technology from 08-05-2023 to 12-05-2023.
  - 'Machine Learning in Big Data Applications and Security Challenges' conducted by Dept. of CSE, MLRIT from 24/04/2023 to 29/04/2023.
  - 'Amazon Web Services' conducted by AVS Engineering College in collaboration with ExcelR from 27-02-2023 to 03-03-2023.
  - 'Artificial Intelligence' conducted by Microsoft India under TechSaksham, from 23-02-2023 to 25-02-2023.
  - 'Amazon Web Services' organized by Dept. of CSE, GNITS from 22-8-2022 to 27-8-2022.

- ❖ **Dr. D. V. Lalitha Parameswari**, Assoc. Prof, participated in 1-Week FDP on 'Machine Learning in Big Data Applications and Security Challenges' conducted by Dept. of CSE, MLRIT from 24/04/2023 to 29/04/2023.
- ❖ **Dr. Raghavender K. V**, Assoc. Prof, attended the following workshops conducted by Institute for Academic Excellence (IAE), in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.
  - 'Capacity Development Program for College Principals' from 27/04/2023 to 29/04/2023.
  - 'CURRICULUM FRAMEWORK 2023' from 17/03/2023 to 18/03/2023.
- ❖ **Dr. G. Narendrababu Reddy and Mr. G. Nagababu**, Asst. Profs, attended the following FDP's
  - 'Cyber Crime and Forensic Tools' conducted by NITTTR, Chandigarh from 08-05-2023 to 12-05-2023
  - 'Machine Learning in Big Data Applications and Security Challenges' conducted by MLRIT, Hyderabad from 24-04-2023 to 29-04-2023.
  - 'Inter-Personal Skills and Relationship Management' organized by NITTTR, Chandigarh from 19-12-2022 to 23-12-2022.
- ❖ **Mrs. R. Mamatha**, Asst. Prof attended a 1-Day Workshop on 'Introduction to Outcome Based Education & Digital Trasformation' conducted by CSI Hyderabad Chapter on 24/06/2023.
- ❖ **Mrs. Nayan Rai**, Asst. Prof attended a 5-Day FDP on 'Data Analyst' conducted by EDL ExcelR from 19-06-2023 to 23-06-2023.
- ❖ **Mrs. A. Prasanna**, Asst. Prof attended 30 Hours training program on 'ChatGPT and Artificial Intelligence' conducted by EDL ExcelR from 08-05-2023 to 26-05-2023.
- ❖ **Mrs. A. Leela Kumari**, Asst. Prof, participated in a 4-day FDP on 'International Faculty Development Program on Data Analytics using Power BI' organized by ExcelR from 20/03/2023 to 24/03/2023.
- ❖ **Mrs. Ch. Radhika**, Asst. Prof, participated in 1-Week FDP on 'Accelerate Research' conducted by Dept. of IT, Anurag University from 14-3-2023 to 18-3-2023.
- ❖ **Mrs. J. Sri Latha**, Asst. Prof attended a 5-Day FDP on 'Amazon Web Services' conducted by AVS Engineering College in Collaboration with ExcelR from 27-02-2023 to 3-03-2023.
- ❖ **Mrs. Nayan Rai**, Asst. Prof, participated in 3-Week FDP on 'Business analytics using power BI and Tableau EDL program' organized by ExcellIR from 02-1-2023 to 20-1-2023.
- ❖ **Mrs. N. Divya, Mrs. G. Roja, Ms. C. Bhagyasree, Mrs. Nayan Rai and Mrs. B. Amrita** Asst. Profs, participated in a 1-Day workshop on 'Educators symposium on "Values & Spirituality in Education for a Better Tomorrow"' organized by Brahma Kumaris, Hyderabad on 07-01-2023.
- ❖ **Mrs. S. Sandhya and Mrs. M. Anusha**, Asst. Profs, participated in a 2-Day FDP on 'Cyber Security' organized by JNTUH from 02-12-2023 to 03-12-2023.
- ❖ **Mrs. Bhageshwari Ratkal**, Asst. Prof, participated in
  - 1-Day Pre-Conference workshop on 'Architecting Application Lifecycle Automation using DevOps' organized by dept. of CSE, GNITS on 15-11-2022.
  - 6-Day FDP on 'Amazon Web Services' organized by Bangalore Institute of Technology from 22-8-2022 to 27-8-2022.
- ❖ **Mrs R. Pallavi Reddy and Mrs. T. Divya Kumari**, Asst. Profs,

participated in 1-Day Pre-Conference workshop on 'Data Monetization for Digital Transformation' organized by dept. of CSE, GNITS on 17-11-2022.

- ❖ **Mr. G. Nagababu**, Asst. Prof., participated in a 5-Day FDP on 'Fundamentals of Machine learning and Deep Learning' organized by National Institute of Technical Teacher's Training and Research (NITTTR), Kolkata from 26-10-2022 to 30-10-2022.
- ❖ **Mrs. A. Prasanna** and **Mrs. B. Amrita**, Asst. Profs, participated in 4-Week FDP on 'Python Programming and SQL EDL program' organized by ExcelR from 4-10-2022 to 26-10-2022.
- ❖ **Mrs. Ch. Mandakini**, **Mrs. V. Divya Raj**, **Mrs. N. Divya**, **Mrs. B. Spandana**, **Mrs. B. Amrita**, **Mrs. D. Anusha**, **Mrs. A. Prasanna**, **Mrs. Nayan Rai** and **Mrs. M. Sirisha**, Asst. Profs, participated in 6- Day FDP on 'Amazon Web Services' organized by Dept. of CSE, GNITS from 22-8-2022 to 27-8-2022.
- ❖ **Mrs. R. Mamatha**, **Mrs. N. Divya**, **Mrs. M. Sirisha**, **Mrs. G. Roja**, **Mrs. K. Sreeveda**, **Ms. C. Bhagyasree**, **Mrs. Nayan Rai**, **Mrs. B. Spandana**, **Mrs. B. Amrita**, **Mrs. D. Anusha** and **Mrs. A. Prasanna**, Asst. Profs, participated a 10-Day FDP on 'Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified Learners in Technical Education' organized by Dept. of CSE, NIT Warangal and GNITS from 22-08-2022 to 01-09-2022.
- ❖ **Mrs. T. Swapna**, Asst. Prof, participated in a 6-Day FDP on 'Machine Learning and Deep Learning for Real Time Application' organized by Dept. of CSE, NIT Warangal from 22-08-2022 To 2-09-2022.

#### Online Certification Courses

- ❖ **Mrs. N. Divya**, Asst. Prof, completed NPTEL course on 'Cloud Computing', with ELITE certificate in Apr 2023.
- ❖ **Mr. G. Nagababu**, Asst. Prof., received 'Mentor' appreciation as being Mentor for the NPTEL Course 'Problem Solving through Programming in C' during Jan-Apr 2023.
- ❖ **Mrs. R. Mamatha**, Asst. Prof., completed Coursera Courses on 'Project Initiation: Starting a Successful Project' in April and 'Foundations of Project Management' in Feb 2023.
- ❖ **Mrs. A. Leela Kumari**, Asst. Prof., completed Coursera Courses on 'System Administration and IT Infrastructure Services' in Apr, 'Operating Systems and You: Becoming a Power User', 'The Bits and Bytes of Computer Networking' in Mar and 'Technical Support Fundamentals' in Feb 2023.
- ❖ **Mrs. A. Prasanna**, Asst. Prof., completed NPTEL Course on 'Problem Solving through Programming in C' in Apr 2023.
- ❖ **Mrs. B. Amrita**, Asst. Prof., completed NPTEL Course on 'Python for Data Science' in Feb 2023.
- ❖ **Mrs. J. Srilatha**, Asst. Prof., completed Coursera Courses on 'Project Initiation: Starting a Successful Project' in April and 'Foundations of Project Management' in Feb 2023.
- ❖ **S. Keerthana Pravallika**, IV CSE B completed NPTEL course on 'Systems and Usable Security', with ELITE certificate in Apr 2023.
- ❖ **K. SaiPooja**, and **V. Hiranya** III CSE C completed NPTEL course on 'Problem Solving through Programming in C' with ELITE certificate in Apr 2023.
- ❖ **Shafia Tanvir**, III CSE C completed NPTEL course on 'Problem Solving through Programming in C' in Apr 2023.

#### Student Achievements

- ❖ **Hackathons:**
  - **D. Shreya** and **M.Samiksha** I CSE A awarded as the

runner-up of Young Innovation Challenge at GNITS on 17/04/2023.

- **A. Raja Rajeshwari**, II CSD received Certificate of Merit for winning top 2 in Cyber Security Hackathon conducted under CSI student chapter of GNITS on 15/04/2023.
- **V. Hema Chandrika**, II CSE C won I Prize in Google Solution Challenge Hackathon conducted by I-Cell at GNITS on 28/03/2023.
- **L. Jharna** and **Sana Sultana**, II CSE C won III Prize in Google Solution Challenge Hackathon conducted by I-Cell at GNITS on 28/03/2023.
- **S. Keerthana Pravallika**, IV CSE B was shortlisted for the India-Luxembourg International Hackathon conducted by MoE Innovation Cell, India in Feb 2023.
- **Sana Sultana**, II CSE C won II Prize in Toycathon conducted by I-Cell at GNITS on 25/01/2023.
- **Faiza Hameed**, I CSE A won II Prize in Toycathon conducted by I-Cell at GNITS on 25/01/2023.
- **K. Satwika** and **P. Siri Naidu** III CSD got certificate for outstanding participation and efforts to solve challenges on Earth and space in NASA International Space Apps Challenge hackathon from 01/10/2022 to 2/10/2022.
- ❖ **Technical Quiz:**
  - **B. Sri Vaishnavi** and **E. Anshika Reddy**, I CSM has taken part in the event 'CRACKEN' and secured I and II position held on 26/11/2022.
  - **A. Mayukha**, II CSD has secured I Prize in Math & Rates Inter College Quiz Competition conducted by APTUS GANA club on 12/11/2022.
- ❖ **Online Certification Courses:**
  - **A. Sai Sriyam**, III CSE A completed 12 weeks course on 'Microsoft certified Azure AI Fundamentals' course and received a badge in Dec 2022.
  - **E. Himaja**, III CSE A Worked as a mentor for a 'Programming in Python' course, organized by IIT Madras from 9/08/2022 to 3/09/2022.
  - Completed 12 weeks Online Certificate Program on 'Excellence in Cyber Security' organized by the Centre of Excellence in Cyber Security, JNTUH in Aug 2022.
- ❖ **Coding Contest:**
  - **J. Bhavana**, II CSE B has won 2<sup>nd</sup> position for the Coding Challenge "Code2Execute" jointly organised by The Erudites Club of GNITS, Hyderabad and e2eHiring Pvt. Ltd. on 8/05/2023.
  - **P. Lakshmi Mrudula**, II CSM has been awarded the 3<sup>rd</sup> position for the Coding Challenge 'Code2Execute' jointly organised by The Erudites Club of GNITS, Hyderabad and e2eHiring Pvt. Ltd. on 8/05/2023.
  - **G. Tharunya Varma**, III CSE A secured as Winner in Women's Day Coding Contest organized by Blackbucks Engineers held on 8/3/2023 2023.
- ❖ **Poster/Project/Paper Presentations:**

The following students secured awards in the 6<sup>th</sup> Pure Earth Environment Conference organised by Pure Earth Foundation and Jawaharlal Nehru Architecture and Fine Arts University in Hyderabad on 29/04/2023.

  - **Faiza Hameed**, I CSE A has been awarded as the Second-Best Research Paper Award.
  - **M. Samiksha**, I CSE B has been awarded as the Third-Best Research Paper Award.
- ❖ **Campus Ambassador:**
  - **Ch. Sohan**, II CSE B selected as Campus Ambassador by Coding Ninjas from 02/03/23 to 02/09/23.



#### ❖ Paid Internships (2022-2023)

- Students of the department are undergoing internships in various reputed Organizations. Details are as follows:-

#### IV CSE (Total: 82)

S. No	Organization Name	No. of Students	Stipend/Month
1	D.E Shaw	1	₹ 1,02,083
2	Morgan Stanley	1	₹ 87,000
3	JPMC	13	₹ 70,000
4	Amazon AWS	3	₹ 50,000
5	AT & T	2	₹ 45,356
6	Cloudera	1	₹ 45,000
7	Experian	4	₹ 40,000
8	Hacker Rank	1	₹ 40,000
9	Providence	3	₹ 40,000
10	PWC	1	₹ 35,000
11	ABInBev	2	₹ 30,000
12	Informatica	3	₹ 30,000
13	State Street	8	₹ 30,000
14	Verisk Analytics	1	₹ 30,000
15	Deloitte	6	₹ 25,000
16	Ericsson	1	₹ 25,000

17	Generic solutions	1	₹ 25,000
18	LTIMindtree	3	₹ 25,000
19	PegaSystems	1	₹ 25,000
20	RBC worldwide	1	₹ 25,000
21	Sundhet Laboratories	2	₹ 25,000
22	Micron	4	₹ 22,000
23	Viasat	2	₹ 22,000
24	EY India	2	₹ 21,000
25	Mind Quest	1	₹ 20,000
26	OSI Digital	1	₹ 20,000
27	Stellantis	1	₹ 20,000
28	Strategic Insights	1	₹ 20,000
29	TecForm Engineers	1	₹ 16,000
30	White Monkey F&B LLP	1	₹ 16,000
31	AUTOSAVVY	2	₹ 15,500
32	Worldwide Technologies	1	₹ 15,500
33	Axis Bank	1	₹ 15,000
34	Cognizant	3	₹ 12,000
35	Prowess Soft	1	₹ 10,000
36	ANBLICKS	1	₹ 5,000

## CSI

## Activities of Technical Associations



### Computer Society of India

Stud. Branch Coordinator: Mrs. P.Sunitha Devi, Asst. Prof.

Faculty Advisors: Mrs. R.Mamatha, K. Sneha Reddy, Asst. Profs.,

President: Ms. Naga Sai Shreya, IV CSE-A

- 3- Day workshop on 'Drone Construction and Flying' was conducted for II B. Tech students from 8/05/2023 to 10/05/2023. Sessions were delivered by Mr. Deepak Swain, Eduquis Technology LLP.
- 1- Day Boot camp on 'Big Data Analytics' was conducted for III B. Tech (CSD) students on 28/04/2023. Session was delivered by Mr. P. Mohan, Sr. Data Scientist, Tech Mahindra.
- A seminar on 'Exciting Career Opportunities After Engineering' was organized for II B. Tech students on 13/04/2023, delivered by P. Gopinath, Educate NXT, Head-Institutional Alliances.
- A 2-Day Boot camp on 'Cyber Security' was conducted for II B. Tech students from 24/03/2023 to 25/03/2023. Sessions were delivered by Mr. Sai Satish, Founder & CEO of Indian Servers.
- A 2-Day Boot camp on 'Augmented Reality' was conducted for II B. Tech students from 03/01/2023 to 04/01/2023.

Sessions were delivered by Mr. K. Surya Prakash, CEO, Deep Loops Pvt. Ltd. Winners of the Augmented Reality Coding Contest:

- I Prize - Ch. Sohan, G. Chinmayee, P. Durga Devi, II CSE-B
- II Prize- Naga Jyothi, Leema, Chandana, II CSE C
- 32-hrs value added course was conducted for III B. Tech students on 'Applied Data Science with IBM Cloud' from 13/10/2022 to 23/10/2022. Sessions were delivered by Mr. Jayaprakash, Smart Bridge Solutions Pvt. Ltd., Hyderabad.
- A session on 'Data Science in Organizations-Practical Considerations' was organized for IV B. Tech students on 17/09/2022 delivered by Ms. Amulya Sree, Senior Analyst, HSBC.
- 1- Week workshop on 'Amazon Web Services' was organized for IV B. Tech students from 22/08/2022 to 27/08/2022. Sessions were delivered by Mr. D. Ganesh Nag, CEO, Brain O Vision Solutions Pvt. Ltd., Hyderabad.



Demo on Drone Construction and Flying



Participants in Exciting Career Opportunities after Engineering



Session on Data Science in Organizations-Practical Considerations



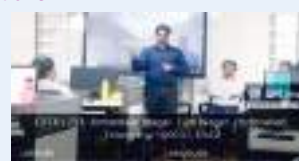
Delivering session on Augmented Reality



Guest lecture on 1-Day Boot camp on Big Data Analytics



Participants in 'Applied Data Science with IBM Cloud'



Boot camp on Cyber Security

❖ **Internships: III CSE (Total: 34)**

S.No.	Organization Name	No. of Students	Stipend/Month
1	Microsoft	4	₹ 1,25,000
2	Salesforce	1	₹ 1,25,000
3	Paypal	2	₹ 1,00,000
4	JPMC	11	₹ 70,000
5	ServiceNow	7	₹ 70,000
6	Providence	9	₹ 40,000

❖ **Unpaid Internships (Total: 9)**

S.No.	Organization Name	No. of Students
1	PACT	3
2	SPCRC, IIITH	1
3	TackOn Knowledge Solutions	1
4	SmartBridge	3
5	Indian Conclave	1

❖ **IGNIUM 2K22 Winners**

S.No.	Event	Date	Prize	Winners	Class
1	Paper Presentation	26/11/2022	I	P. Srujana	II CSE
			II	K. Abhigna Reddy S. Supriya	II CSE
2	Poster Presentation	26/11/2022	I	G. Amulya N. Akshaya	I CSE
			II	Tripti Reddy G. Varshini	IV CSE
3	Hack Overflow	26/11/2022	I	A. Deepika	III CSE
				R. Manisha, Sana Sultana	II CSE
			II	Faiza Hameed	I CSE
4	R & D Showcase	26/11/2022	I	G. Rohini, G. Divya, N. Vyshnavi, K. Akhil	II CSE
				Y. Vaishnavi, B. Shreya	IV CSE
			II	Ch. Monika Chowdhary, Tharuni Reddy	IV CSE
5	Crossword Hunt	26/11/2022	I	N. Vigneya, Gnana	II CSM
			II	K. Pranav Reddy	II CSE/GRIET
6	Escape Rooms	26/11/2022	I	Bharath	II CSE/IARE
				G. Kaushika Degekar	III CSM
			II	G. Sukunya Devi	I CSE
				M. Likitha Reddy, Shafia Tanvir	

❖ **Student Publications**

**M.Tech.**

S.No	Student Name	Internal Guide	Title	Conference/Journal
1	Farah Anjum	Dr. M. Seetha, Professor & Dean R&D	Smart Wheelchair Cum Bed Based on Voice Recognition for Disabled Person.	IJET, Vol: 9, Issue: 9, pp: 358-365, ISSN: 2227-524X, Google Scholar, Sept 2022.
2	Tabasum	Dr. N. Kalyani, Professor & Dean Innovation and Incubation	A Review on the Determinants of Suitable Chatbot Framework- Empirical Evidence from Implementation of RASA and IBM Watson Assistant frameworks.	IJET, Vol: 9, Issue: 9, pp: 358-365, ISSN: 2227-524X, Google Scholar, Sept 2022.
3	J. Manasa	Dr. A. Sharada, Professor & HOD, CSE	A Machine Learning Perspective on Emotional Dichotomy during the Pandemic.	IRJET, Vol: 9, Issue: 9, pp: 319-330, ISSN: 2227-524X, Google Scholar, Sept 2022.
4	Javeriya Saleem	Mrs. Jayashree S. Patil, Assoc. Prof.	Monitoring system for the baby using wireless sensors and camera	IJARSET, Vol: 9, Issue: 9, pp: 19740-19747, ISSN: 2350-0328, Google Scholar, Sep 2022
5	T. Supriya	Mrs. Ch. Mandakini, Asst. Prof.	Detection and Localization of Image Splicing Forgery using Deep Learning	IJAEMA, Vol: XIV, Issue: VIII, pp: 261-267, ISSN No: 0886-9367, UGC Care, August 2022.
6	G. Bhargavi	Mrs. Ch. Radhika, Asst. Prof	Plant Leaf Disease Detection and classification Using Deep Learning	IJAEMA, Vol: XIV, Issue: VIII, pp: 268-275, ISSN No: 0886-9367, UGC Care, August 2022.

**B.Tech.**

- **G. Shivani, K. Lumbini, V. Sathvika and V. Shravani** IV CSE B, published a paper titled '**Semantic and Syntactic Errors Detection using NLP**' in IJAEMA, Vol : XV, Issue: V, pp : 612 – 621, ISSN NO: 0886-9367, Google Scholar, in May 2023.
- **A. Sravanthi, M. Sathwika, Sankeerthana, K. Spandana and S. Keerthana Pravalika** IV CSE B, presented a paper titled '**Smart Technology for Real Time Evaluation of Stress Levels**

in ICRTETM, at Christ the King Engineering College in Collaboration with Samarkhand State University in May 2023.

- **K. Meghana** IV CSE C presented a paper titled '**Stress Detection in Women using Speech Analysis**' in ICETE, University College of Engineering, Osmania University, in Apr 2023.
- **B. Arpita, K. Sai Sreelekha and M. Srihitha** IV CSE B published a paper titled '**Marker Based Augmented Reality using Vuforia and Unity 1**' in JETIR, Vol: 2, Issue: 4, pp: 298-



303, ISSN-2349-5162, Google Scholar, in Apr 2023.

- **D. Srujana, Dheexitha, T. Sreehitha and D. Pravalika** IV CSE B published a paper titled '[\(College Online Exchange\) - Mobile Application using Flutter](#)' in IJERT, Vol: 12 Issue: 7, pp: 417-421, ISSN: 2278-0181, Google Scholar in Apr 2023,
- **A. Sai Sravya, M. Akhila, B. Pavani Naga Kumari and Y. Banvita** IV CSE A, presented a paper titled '[Integrating Image Processing and Convolution Neural Networks for Water Quality Detection](#)' in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **B. Tharuni Reddy, Ch. Monica Chowdary, G. Varshini and G. Tripti** IV CSE A, presented a paper titled '[Identification of Disfluency Among Children Using Efficient Machine Learning Techniques](#)' in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **M. Soujanya, M. Bhavana, M. Varshini and K. Harshitha**, IV CSE C, presented a paper titled '[Student Surveillance System for Detecting Abnormal Incidents in the Campus using Deep Learning](#)', in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **B. Dhanya, E. Vandana, M. Lahari and P. Navya**, IV CSE B, presented a paper titled '[Deep Learning paradigm for time series cryptocurrency prediction](#)', in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **B. Abhinaya and A. Sahithi** IV CSE C, presented a paper titled '[A Deep Learning technique to recommend Music based on Facial and Speech Emotion](#)' in 7<sup>th</sup> ICITIS, Global Knowledge Research Foundation & G R Scholastic LLP in Apr 2023.
- **N.Charitha, G. Radhika and P. Sujana sri**, IV CSE B, presented a paper titled '[An Efficient abstractive summarization of Research articles using Pegasus Model](#)' in 7<sup>th</sup> ICITIS, Global Knowledge Research Foundation & G R Scholastic LLP in Apr 2023.
- **D. Pravalika, E. Deepika, J. Sanjana priya and J.Rachana** IV CSE B, presented a paper titled '[Binary classification of fundus images obtained with the G-eye smart phone retinal imaging system](#)', in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **B. Shreya, M. Saroja, P. Sai Priya and Y. Vaishnavi** IV CSE C, presented a paper titled '[Retina Capturing using portable device and classification of images for prevalence of eye disease](#)', in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **Mohini Awadiya, N. Bhavani, S. Pranathi and K. Soumya** IV CSE C, presented a paper titled '[Multiclass Pixel level segmentation for drivable road detection](#)' in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **C. Rishitha, D. Harshitha, J. Meghana and P. Alekhya** IV CSE C, presented a paper titled '[The Interview master to predict personality Traits](#)' in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **Samaikya, D. Divya, J. Mounika and Ch.Sruthi** IV CSE B, presented a paper titled '[Enhancement of low resolution images using ANN](#)' in ICCCP(Sci-2023), at CMR College of Engineering in Apr 2023.
- **M. Ashritha, S. Alankruthi, T. Preethi and Akhila** IV CSE B, presented a paper titled '[Decentralized smart contract certificate system using Ethereum Blockchain Technology](#)' in ICETE, University College of Engineering, Osmania University, in Apr 2023.
- **K. Keerthi Sri**, III CSE C presented a paper in JNTUH in Apr 2023.

- **Y. Vaishnavi**, IV CSE C presented a paper titled '[Deep learning model with progressive GAN for diabetic retinopathy](#)' in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- **Sasirekha** IV CSE A presented a paper titled '[G-Eye: Smartphone Compatible Portable Indirect Ophthalmoscope for Generating Quality Fundus Images](#)', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- **K. Sesha Sai Aneeswar, V. Shubhasri and A. Jasvith Chand**, IV CSE C, presented a paper titled '[Synthesizing Realistic ARMD Fundus Images Using Generative Adversarial Networks](#)', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- **T. Pranavi, S. Tejaswi, G. Sathwika and G. Dharani** IV CSE C, presented a paper titled '[Food Calorie Estimation Using Image Segmentation](#)' in ICCCN, Manchester Metropolitan University, Manchester, UK in Nov 22.
- **C. Sai Tejaswini, M. Keerthana, C. Manusree and Minati Srinivas** IV CSE A, presented a paper titled '[Prediction of Next Word Using Sequence Generators and Deep Learning Techniques](#)' in International Conference on Intelligent Computing and Communication, in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.
- **S. Alankruthi, M. Ashritha, G. Poojitha, Y. Vaishnavi and B. Shreya** IV CSE B, presented a paper titled '[A Deep Learning Paradigm for Classifying Personality](#)', in ICICC at G. Narayanamma Institute of Technology and Science, in Nov 2022.

#### ❖ Extra-Curricular Activities

- **Kore Joy Princy** III CSM participated in '[Micron Global Women's Mentorship Program 2023](#)' from 22/03/2023 to 28/04/2023.
- **T. Manasa and her team**, III CSM secured **2<sup>nd</sup> place** with a cash prize of **Rs. 5000/-** for the team in the **SheSafe Tech Challenge** held as part of the Women in Leadership Conclave, 2023 under the theme of Women in Leadership organized by She Teams and Women Safety Wing, Telangana Police, Hyderabad on 09/03/2023.
- **D. Mahalaxmi**, I CSE B won the **Special Mention** for showing excellent skills in Research, Negotiation & Diplomacy, during the GNITS Model United Nations held from 27/01/2023 to 29/01/2023 at GNITS.
- **K. Keerthi Sri**, III CSE C secured **Certificate of Appreciation** as Broadcasting Head (ABHAYA) for the incredible services rendered during SILVER JUBILEE CELEBRATIONS from 13/12/2022 to 15/12/2022.
- **G. Sowjanya**, II CSM received certificate for securing **2<sup>nd</sup> position in Reels contest competition** organized by Street Cause GNITS on 25/01/2023.
- **M. Vasavi**, I CSM has secured **1<sup>st</sup> place** in Filmscore, Solo Singing Competition organized by Suswara, the Music Club of GNITS on 25/11/2022.
- **Faiza Hameed**, I CSE A has won **1<sup>st</sup> prize** in Lok Sabha held as a part of Regalia, the Inter-Collegiate-Fest, organized by Literaria Clava, the literary club of GNITS on 24/11/2022.
- **M. Varshini**, IV CSE C achieved **Indian World Record** for the First Film to shoot in 4 languages simultaneously titled 'RED ALERT', secured **1<sup>st</sup> place** in **IFH national level singing** super star competition and **title winner of Bol Baby Bol 6** in sept 2022.

❖ **GRE/TOEFL/IELTS/ESOL scores of 2019-2023 batch students**

- **GRE/340:** S. Maha Lakshmi Reddy (328), A. Yagna Gayathri (319), Ch. Sai Charitha (319), Ch. Sri Nikitha (317), Areeb Sharia (318), B. Vijaya Lakshmi (314), G. Chaitanya Deepti (305), K. Pujitha (315), Abhignya Reddy (311), D.Sri Harshitha (321), P. Bhargavi (312), B. Sruthi (330), V.Kushi Reddy (317), T.Harshitha (313), K. Anvitha (325), Lekhana Chowdary (307), Ch.Rishitha (320), S.Tejaswi (324), A. Sravani (321), D. Ashritha Reddy (327), Nayanika Reddy (313), Ch. Sathvika (323), M. Dheexitha (327), D. Harika (307), B. Akshitha (320).
- **IELTS/9.0:** S. Lakshmi Reddy (7.5), A. Yagna Gayathri (8.0), Ch. Sai Charitha (8.0), Ch. Sri Nikitha (8.0), Areeb Sharia (8.0), Alla Monika (7.0), G. Chaitanya Deepti (7.0), K. Pujitha (7.5), Paluru Vaishnavi (7.5), Abhignya Reddy (7.5), P. Bhargavi (6.5), B. Sruthi (7.0), V.Kushi Reddy (6.5), K. Harshitha (7.0), K.Anvitha (6.0), S.Tejaswi (7.0), A. Sravani (6.5), D. Ashritha Reddy (6.5), K. Shrivani (6.5), K. Meghana (6.5), Nayanika Reddy (7.5).
- **TOFEL/120:** B. Vijaya Lakshmi (96), D.Sri Harshitha (108), T.Harshitha (98), K. Anvitha (112), M. Dheexitha (85), Lekhana Chowdary (112), B. Akshitha (92).
- **DUOLINGO:** M. Shreya (115).

**R & D Coordinator**

**Dr. K. Prasanna** received B. Tech from Sri Venkateswara University in 2004, M.Tech from JNTU-Hyderabad in 2008, and Ph.D. from Jawaharlal Nehru Technological University, Hyderabad in 2016. He is currently working as an **Associate Professor**, in the Department of CSE (AI&ML) at GNITS, Hyderabad. He has a **teaching experience of 17 years**. His area of research includes Machine Learning, Deep Learning, Soft Computing, Artificial Intelligence, and Data Science and Analytics. Dr. K Prasanna Published **40 research papers** in various journals and conferences. He also received **2 best paper awards** at reputed conferences. He authored **2 books** and published **8 book chapters**. He has guided 2 Ph.Ds. and currently guiding 2 Ph.Ds. from JNTU-Anantapur. He received an **AICTE FDP grant of 5.32 Lakhs**. Dr. K Prasanna was the panel member for the staff selection committee, BOS Chairman, and member for CSE, AI&DS departments of AITS, Rajampet, and GNITS, Hyderabad. He served as a Reviewer, Session Chair, Technical Program Committee member, and Organizing Committee member for **12 conferences** and also served as a Reviewer for Social Network Analysis and Mining (Springer Nature), IEEE ACCESS, Signal, Image and Video Processing, international journal of information processing. He organized several FDPs and institutional-level academic programs. He is a Life member of CSI and IE-India.



**Academic Toppers**

**IV B.Tech.(CSE) I Sem**



C.S. Tejaswini  
9.9 SGPA



C. Monica Chowdary  
9.9 SGPA



B. Shreya  
9.9 SGPA



A. Monika  
9.7 SGPA



A. Shivani Reddy  
9.7 SGPA



Ch.V.N. Saisriya  
9.7 SGPA

**III B.Tech.(CSE) I Sem**



G. Tharunya Varma  
10 SGPA



A. S. Meghana  
10 SGPA



T.Z.S. Faruqui  
9.9 SGPA



P. Dharani  
10 SGPA



R. Shodhana  
10 SGPA

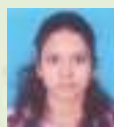


J. Vaishnavi  
9.9 SGPA

**III B.Tech. (CSM) I Sem**



B. S. Vennela  
10 SGPA



P.S. Thanmayee  
10 SGPA



E. Kartheesha  
10 SGPA



A. Varshini  
9.8 SGPA



P. Spoorthi  
9.8 SGPA



P. Navya Sree  
9.8 SGPA



C. Shreya  
9.8 SGPA



G. Meghana  
9.8 SGPA

**III B.Tech (CSD) I Sem**



I. Deepika  
10 SGPA



S. Keerthi  
10 SGPAR.



Manisha  
10 SGPA



P. Swetha  
9.85 SGPA



S.Fatima  
9.85 SGPA



K. Shireesha  
9.85 SGPA



R. Deekshitha  
9.85 SGPA

**II B.Tech. (CSE) I Sem**

**II B.Tech. (CSM) I Sem**



E. Shashikala  
9.7 SGPA



L. L.S. Sindhuja  
9.65 SGPA

**II B.Tech (CSD) I Sem**



A.R. Rajeshwari  
9.85 SGPA



B.Tejaswini Singh  
9.7 SGPA

**I M. Tech I Sem**



K. Sujitha  
9.3 SGPA



G. Akhila  
8.81 SGPA





# Electronics & Communication Engineering

Dr. K. Ragini, Professor & Head

**Dr. K. Ragini**, completed her Ph.D from JNTUH. She has 26 Years of Teaching Experience in reputed Engineering colleges in Hyderabad. She published papers in 42 reputed International, National journals and listed in the IEEE conference proceedings and scopus indexed journals. She authored 2 books, received 'Women Achiever' Award from Accenture in 2017, 'Academic Excellence Award' in GNITS in 2007. Conducted successfully AICTE Sponsored Short Term Training Programme on 'Embedded systems in IOT' for faculty with a funding of **3.69 lakhs** and ATAL-AICTE Sponsored FDP on 'Wearable Devices' with a funding of **Rs. 93,000**. Received SPOC Certificate of Appreciation from NPTEL for instrumental role as SPOC for SWAYAM-NPTEL Local chapter for 6 consecutive academic years 2017-18 to 2022-23. Conducted **34** Faculty Development Programmes so far in GNITS. She is presently guiding one Ph. D student and published a Patent. She participated actively in various Research activities and submitted Research Proposals to various funding Agencies. MoU with PVR TECH HUB a MSME registered service enterprise and SYNCOR SOLUTIONS PVT. LTD, located at Gachibowli, Hyderabad.

## Department Vision

ECE dept. envisions to develop high quality and technically competent women engineers who can address the growing challenges in the modern world with a keen sense of social responsibility.

## Department Mission

- ❖ Knowledge Based Engineering Education (Quality)
- ❖ Analysis and Design Skills with Modelling Potential, Technical Competence
- ❖ Industry Compatibility and Women Empowerment with Societal Commitment
- ❖ Professional Career Growth with Values and Ethics

## Program Educational Objectives (PEOs)

**PEO 1:** To impart the knowledge of Basic Sciences, Mathematics and Programming skills in solving various Engineering problems pertaining to the field of Electronics and Communications.

**PEO 2:** To train the students in analyzing, designing and imparting research based knowledge and acquainting them with modern scientific tools.

**PEO 3:** To create professional, ethical environment and to inculcate effective communication skills.

**PEO 4:** To encourage team work and interdisciplinary ideas benefiting the society.

**PEO 5:** To motivate students to be independent with a desire for life-long learning and adapt to the changing professional needs.

## Highlights of the Department

- ❖ Got the R&D Research Center approved under JNTUH.
- ❖ Automatic Weather Stations (AWS) installed at GNITS by National Atmospheric Research Laboratory (NARL), Department of Space, Government of India.
- ❖ **2** New MoUs done for student training courses/Value Added Course/hands on sessions with Sun Soft Solutions and PVR Tech Hub.
- ❖ No. of papers Published: **76**
- ❖ No. of books Published: **85**
- ❖ No. of Awards : **4**

No. of FDP's attended by Faculty: **32**

No. of Faculty completed Ph. D : **1**

- ❖ A total of **9** Proposals have been submitted for funding.
- ❖ Conducted training programs for II and III years students.
- ❖ **268** students got Internships.
- ❖ **164** (87.70 %) students got placed (with 310 multiple offers) in top MNCs.
- ❖ Faculty developed e-content for **3** Subjects has been uploaded in GNITS website.
- ❖ **3** teams won prizes in Hackathons at the National/University level.
- ❖ **40%** of outgoing PG students are placed.

## Newly Joined Faculty

**Purna Chandra Reddy V** has joined as Asst. Prof. in ECE dept. on 01/07/2023. He is pursuing Ph. D from NIT, Andhra Pradesh and has a teaching experience of 11.5 years.

## Workshops Conducted by the Department

- 1) Conducted a **Two Day** Workshop on '**Practical Embedded Systems**' from **06/02/23 to 07/02/23** organized by ECE dept. The speakers of the workshop were **Dr. K. Ragini**, Prof., **Dr. P. Chandrasekhar**, Asst. Prof, **Mrs. T. Sri Latha**, Asst. Prof, **Ms. Ch. Anusha**, Asst. Prof.

The objective of the workshop is to create awareness on '**Practical Embedded Systems**' using **Keil programming**. The Programme started on 6<sup>th</sup> February 2023 in offline mode and was conducted for 2 days. An excellent talk was delivered by **Dr. B. Venkateshulu**, Prof., HOD, ECE stating the importance of **Embedded Systems** and **IoT** for future.

The coordinator of the workshop was **Dr. P. Chandrasekhar**, Asst. Prof. Over **26** participants have attended the workshop.



Participants in Practical Embedded Systems Workshop



Keynote Session by Dr. K. Ragini, Prof. ECE, GNITS

- 2) Conducted a **Five Day** FDP on '**Tanner Design Flow using Mentor Graphics Tools**' with hands on experience on Mentor Graphics Front-End and Back-End tools from 02/09/22 to 07/09/22. The speaker of the FDP was **Mr. K.A. Vinnalan**, **Application Engineer, Corel Technologies**. The Coordinator of the FDP was **Dr. K. Ragini**, Prof., ECE. Over **18** Faculty members have attended the FDP.



Dr. B. Venkateshulu, HoD, ECE Dept. giving Inaugural Speech on 02-09-22 in FDP



Participants in the Tanner Design Flow using Mentor Graphics Tools FDP

## Faculty Awards



**Dr. K. Ragini**

Received **Best Paper Award** by ICMACC 2022 an IEEE Conference for the Research Paper



**Dr. Renuka Devi S M**

Received **NPTEL-Discipline Star** during Jan-April, 2023.  
Top 2% in Computer Vision and Image Processing - Fundamentals and Applications and Top 5% in Introduction To Industry 4.0 And Industrial Internet Of Things



**Mr. V. Radha Krishna**

Received **NPTEL-Discipline Star** during Jan-April, 2023.



**Ms.Ch. Anusha**

Received **NPTEL-Discipline Star** during July-Dec, 2022.

## Faculty Achievements

### Dr. K. Ragini, Prof. & HOD

- Submitted a Project Proposal on 'Automation of Identification of Stem Borer (Chilo Partellus) and Fall Armyworm (Spodoptera Frugiperda) on Sorghum (Sorghum bicolor (L.) Moench) and their Chemical Management Through IoT'. Submitted to Dept. of Biotechnology, Ministry of Science and Technology, Government of India New Delhi, India.
- She received SPOC NPTEL certificate for 6 consecutive academic years starting from 2017-18 to 2022-23.
- Delivered a lecture on 'Introduction to Embedded Systems' in Workshop 'Practical Embedded Systems' for Non-Teaching Staff in GNITS.
- Coordinator for Value Added Course on 'AI Powered Embedded Systems and IoT' for III B.Tech II Sem students during Academic Year 2022-23 with PVR Tech Hub.
- Participated as a Delegate in Women in Leadership Conclave, conducted in GNITS, Hyderabad on 8<sup>th</sup> & 9<sup>th</sup> March, 2023 as a part of International Women's Day Celebrations.
- Attended 3 days 'Bio Asia 2023 Conference', HICC, Hyderabad, from 24/2/23 to 26/2/23.

### Dr. B. Venkateshulu, Prof. & Dean of Alumnae

- Submitted a Project proposal on 'Early lumpy Skin Disease Detection of Cow using Machine Learning and IoT' on 21/01/23 to the Dept. of Bio-Technology of Rs.1,10,05000/- and another proposal on 'Structure Health Monitoring using IoT' to Technology Development Programme (TDP) of Dept. of Science and Technology on 30/06/23 for Rs.20,09,600/-.
- Became IETE Fellow and IEI Fellow.
- VIP Management Chair (Women in Academia) for Women in Leadership Conclave, conducted in GNITS on 8/03/23.
- Preconference Tutorial Convener for AI & ML Real Time Applications Using Python, Robotics – Innovations to Incubation, GNITS on 16/11/22.
- Responsible for establishing National Atmospheric Research Laboratory (NARL Gadanki, Chittoor dist.) testing point in GNITS campus, MoU with Sun Soft Solutions Pvt Ltd.

### Dr Renuka Devi S M, Prof.

- Submitted 3 proposals titled 'Agro advisory System on Rice yield estimation using IoT' to Dept. of Biotechnology Ministry of Science and Technology, ATAL-FDP proposal titled 'Computer Vision using Artificial Intelligence: Hands on Approach' to AICTE, Proposal titled 'Urban Object Detection using UAV Remote Sensing' for ISRO.
- Acted as a Moderator in Women in Leadership Conclave at GNITS on 8<sup>th</sup> & 9<sup>th</sup> March, 2023 for the event titled Hardware –Heroines.

- Acted as reviewer of 2<sup>nd</sup> International Conference ICASPACE-2023 organized by the Dept. of ECE, MGIT, Hyd. on 28<sup>th</sup> & 29<sup>th</sup> April, 2023.

- Completed 4 NPTEL Courses.

### Dr. Swapna Raghunath, Prof.

- Got Ph. D Guideship from JNTUH in Feb, 2023.
- Submitted 2 proposals titled 'The automated in-house composting of organic waste and organic farming, SERB SURE, as Principal Investigator (Rs.28 Lakhs) on 29/09/22 and another proposal titled ' Ionospheric Characterization through Observations and Modeling' to ISRO.
- Acted as a Pre-Conference Tutorial Coordinator for AI & ML Real Time Applications using Python, Robotics organized under Innovations to Incubation, GNITS on 16/11/22.
- Reviewer for IEEE Transactions on Geoscience and Remote Sensing, IEEE Geoscience and Remote Sensing Letters and Hindawi.
- Theme Chair for Women in Academia in Women in Leadership Conclave – 2023 on 8<sup>th</sup> & 9<sup>th</sup> March, 2023.
- Acted as an Organizing Committee Member of 6<sup>th</sup> International Conference on Intelligent Computing and Communication (ICICC-22) on 18<sup>th</sup> & 19<sup>th</sup> Nov, 2022.
- Incharge of Automatic Weather Station (AWS) installed at GNITS by National Atmospheric Research Laboratory (NARL), Department of Space, Government of India.

### Dr. G Srivalli, Assoc. Prof.

- Session Chair of ISES 2022 for 8<sup>th</sup> IEEE International Symposium on Smart Electronic Systems (ISES) NIT, Warangal, 21 Dec 2022.
- Reviewer for 8<sup>th</sup> IEEE International Symposium on Smart Electronic Systems (ISES 2022) NIT, Warangal, 19-21 Dec 2022, 'IEEE International Conference on Recent Trends in Microelectronics, Automation, Computing and Communication systems ICMACC 2022', VNRVJIT, Hyd., 28-30 Dec 2022, 'IEEE Wireless, Antenna and Microwave Symposium WAMS 2023', PDEU, Gandhinagar, Gujarat, 7-10 June 2023.

### Dr. C. Padmaja, Asst. Prof.

- Acted as a Reviewer of 2<sup>nd</sup> International Conference organized by the Department of ECE, MGIT, Hyd. on 28/04/23 & 29/04/23, 1<sup>st</sup> IEEE MTT / AP Society Bangalore JT Chapter MAPCON held from 12/12/22 to 15/12/22, IEEE Sensor Council U.P. Chapter organized by Motilal Nehru National Institute of Technology Allahabad, Prayagraj, India MAC 2023 held from 24/03/23 to 26/03/23.
- Co-investigator for project proposal on 'Strengthening Research in Electrical Vehicles, 5G Communications, AR



and VR, Assistive Technologies and AI in Healthcare and Cyber Security' under CURIE program and FIST program.

- ❖ Acted as an organizing member for Women in Leadership Conclave at GNITS on 8<sup>th</sup> & 9<sup>th</sup> March, 2023.

**Ms. Ch.Anusha, Asst. Prof.**

- ❖ Acted as a Resource Person in Two-day workshop cum training on **Practical Embedded Systems** for Non-Teaching Staff at college level, on 6/02/23 & 7/02/23, organized by Dept. of ECE.

**Mrs. P. Lavanya, Asst. Prof.**

- ❖ Got Ph.D. admission in Osmania University on 18/03/23.

#### **Faculty Publications**

**Dr. K. Ragini, Prof.**

- ❖ 5 papers published. 3 of them are titled '**Analysis of Serial in Parallel out finite field Multiplier using Variable Domino Logic Styles**' in '**6<sup>th</sup> ICICC-22**', 18-19 November, 2022, '**Implementation of Unbiased Rounding for 64 bit Floating Point Adder**' in '**2022 ICMACC**', IEEE, 2022, '**Design and Implementation of RNB Multiplier using NP Domino Logic**' in '**2022 ICMACC**', IEEE, 28-30 December, 2022.

**Dr. B. Venkateshulu, Prof.**

- ❖ Published a paper on '**Smart Agricultural Security System**' in '**Juni Khyat**', Volume: 13, Issue: 5, ISSN: 2278-4632, May, 2023.

**Dr. Renuka Devi SM, Prof.**

- ❖ Published a paper on '**Fault Identification in Solar PV Panels using Thermal Image Processing Technique**' in '**IJISR**', Volume: 8, Issue: 5, ISSN: 2456-2165, April, 2023.

**Dr. Swapna Raghunath, Prof.**

- ❖ 3 papers published titled '**Geo Magnetic Mid Latitude Ionospheric Gradient Detection by Time Step Method**' in '**Juni Khyat**', Vol: 13, Issue: 5, ISSN: 2278-4632, May, 2023, '**Smart Compost Bin for Domestic Waste**' in '**JETIR**', Vol: 10, Issue: 4, ISSN: 2349-5162, April, 2023, '**PAPR Reduction of FBMC\_OQAM using A-law and MU law Companding**' in '**The IJAEMA**', Vol: XIV, Issue: XII, ISSN: 0886-9367, Dec, 2022.

**Dr. M. Vijayalakshmi, Assoc. Prof.**

- ❖ 4 papers published titled '**Design and Development of a Solar-Powered Vacuum and Wet Cleaning Robot using Arduino UNO**' in '**IJITI**', Vol: 12, Issue: 3, ISSN: 2320-2629, June, 2023, '**A Novel Intelligent Channel Estimation Strategy for the 5G Wireless Communication Systems**' in '**Wireless Personal Communication**', SCI, 2023, '**A Heuristic Deep Feature System for Energy Management in Wireless Sensor Networks**' in '**Wireless Networks**', ESCI, Nov, 2022.

**Dr. G. Srivalli, Assoc. Prof.**

- ❖ 2 papers published titled '**Some Studies on Shielding Effectiveness for Oblique EM Waves Incidence on Dual Shields**' in '**JECER**', Vol: 9, Issue: 5, ISSN: 2321-5941, May, 2023, '**A Broadband MIMO Array with Gap Coupling for 5G Applications**' in '**8<sup>th</sup> IEEE International Symposium on Smart Electronic Systems**', NITW, SCOPUS, 19-21 Dec, 2022.

**Dr. C. Padmaja, Asst. Prof.**

- ❖ 4 papers published titled '**Diagnosis of Brain Disease through Deep Learning Approaches**' in '**Neuroquantology**', SCOPUS, Vol: 20, Issue: 10, ISSN: 1622-1626, August, 2022, '**AI-Powered Road Safety: Detecting Driver Fatigue through Visual Cues**' in '**IJISCS**', Vol: 12, Issue: 3, ISSN: 2319-7595, June, 2023, '**Forecasting of COVID-19 using Hybrid ARIMA-FB Prophet Algorithm**', Springer in '**ICT with Intelligent Applications**', April, 2022.

**Mr. V. Radha Krishna, Asst. Prof.**

- ❖ Published a paper on '**VLSI Implementation of High Performance Ternary Operand PPA for FIR Filter Application**' in '**IJSRST**', August, 2022.

**Mrs. B. Tulasi Sowjanya, Asst. Prof.**

- ❖ 2 papers published titled '**Smart Helmet for Tracking Coal Miners**' in '**IJAEM**', Vol: 5, Issue: 4, ISSN: 2395-5252, April, 2023, '**Bounding the Optimal Length of Pliable Index Coding via a Hypergraph Based Approach**' in '**2022 IEEE Information Theory Workshop**', April, 2022.

**Mr. Y. Rakesh Kumar, Asst. Prof.**

- ❖ 4 papers published titled '**Night Vision Thermal Sensor Based Animal Movement Observation using CNN and YOLO v3**' in '**IJACST**', Vol: 12, Issue: 6, ISSN: 2320-2629, June, 2023, '**IoT Based Underground Cable Fault Detection**' in '**JETIR**', Vol: 10, Issue: 5, ISSN: 2349-5162, May, 2023, '**Comparative Analysis of Image Segmentation Methods for Mushroom Disease Detection**' in '**5<sup>th</sup> ICSCSP-2022**', 2022.

**Mrs. T. Srilatha, Asst. Prof.**

- ❖ Published a paper on '**Smart Cradle System Using IoT**' in '**IJNRD**', Vol: 8, Issue: 6, ISSN: 2456-4184, June, 2023.

**Mrs. Sarada A, Asst. Prof.**

- ❖ Published a paper on '**Electricity Generation Using Rack and Pinion Mechanism**' in '**IJCRT**', Vol: 11, Issue: 5, ISSN: 2320-2882, May, 2023.

**Mrs. P. Sri Padma, Asst. Prof.**

- ❖ Published a paper on '**Fingerprint Vehicle Starter Using ARDUINO**' in '**IJCRT**', Vol: 08, Issue: 05, ISSN: 2456-3315, May, 2023.

**Mrs. K. Swathi, Asst. Prof.**

- ❖ 2 papers published titled '**IoT Based Wireless Electronic Notice Board**' in '**IJCRT**', Vol: 11, Issue: 4, ISSN: 2320-2882, April, 2023, '**Smart Library Management System**' in '**IJCRT**', Vol: 11, Issue: 4, ISSN: 2320-2882, April, 2023.

**Mrs. M. Lakshmi, Asst. Prof.**

- ❖ Published a paper on '**Kalman Filter Design for Ballistic Missile Deference Applications**' in '**IJCRT**', Vol: 10, Issue: 8, ISSN: 2320-2882, August, 2022.

**Mrs. P. Madhuri, Asst. Prof.**

- ❖ 2 papers published titled '**Surveillance and Fire Fighting Robot**' in '**IJCRT**', Volume: 8, Issue: 4 ISSN: 2456-4184, April, 2023, '**Vehicles Congestion Controller and Penalty System**' in '**International Journal of Advances in Engineering and Management**', Volume: 5, Issue: 5, ISSN: 2395-5252, May, 2023.

**Mrs. N. Harini, Asst. Prof.**

- ❖ 2 papers published titled '**Voice Controlled 2581-9429 Wheel Chair**' in '**IJARST**', Vol: 3, Issue: 5, ISSN: 2581-9429, May, 2023, '**Sign Language to Text and Speech Conversion Using Image Processing and Machine Learning**' in '**IJNRD**', Vol: 8, Issue: 4, ISSN: 2456-4184, April, 2023.

**Mrs. P. Roopa Ranjani, Asst. Prof.**

- ❖ Published a paper on '**Glaucoma Detection in Retinal Image**' in '**IJARCC**', Vol: 12, Issue: 5, ISSN: 2319-5940, May, 2023.

**Mrs. GVNSK Sravya, Asst. Prof.**

- ❖ 4 papers published titled '**Melanoma Detection Using Machine Learning**' in '**IJCRT**', Vol: 11, Issue: 4, ISSN: 2320-2882, May, 2023, '**Automatic LPG Cylinder Booking and Leakage Detection Using IoT**' in '**IJNRD**', Vol: 8, Issue: 4, ISSN: 2456-4184, April, 2023, '**Surveillance Robot**' in '**IJARST**', 2023.



Mr. C. Sridhar Babu, Asst. Prof.

- ❖ 2 papers published titled 'Over Speed Indication Through GSM' in 'IJNRD', Vol: 8, Issue: 4, ISSN: 2456-4184, April, 2023, 'Door Lock System Using Face Authentication and Arduino UNO' in 'IJNRD', Vol: 8, Issue: 4, ISSN: 2456-4184, April, 2023.

Mr. P. Satyanarayana Goud, Asst. Prof.

- ❖ 3 papers published titled 'Fingerprint based Voting System using Arduino UNO' in 'IJAME', Vol:5, Issue:5, ISSN: 2395-5252, May, 2023, 'Analysis of ECG Signals Using Machine Learning Techniques' in 'IJNRD', Vol: 8, Issue: 5, ISSN: 2456-4184, May, 2023, 'Dragon Fruit Stem Disease Detection Using Image Processing' in '6<sup>th</sup> ICICC-22', 18-19 November, 2022.

Mrs. P. Lavanya, Asst. Prof.

- ❖ Published a paper on 'Automated Petrol Pump System' in 'IJARCCE', Vol: 12, Issue: 4, ISSN: 2319-5940, April, 2023.

Mr. Y. Prakash, Asst. Prof.

- ❖ 2 papers published titled 'Automatic Medication Dispenser'

in 'IJARSCT', Vol: 13, Issue: 5, ISSN: 2581-9429, May, 2023, 'A Novel approach for Enhancing Cloud Based IoT Security Using Cloud Administration' in 'IJREAM', Vol: 8, Issue: 11, ISSN: 2454-9150, Feb, 2023.

Mrs. G. Madhavi, Asst. Prof.

- ❖ 2 papers published titled 'Smart Interactive Dust Bin Network' in 'Juni Khyat', Vol: 13, Issue: 5, ISSN: 2278-4632, May, 2022, 'Smart Safety Band' in 'Juni Khyat', Vol: 13, Issue: 5, ISSN: 2278-4632, May, 2022.

Ms. Ch. Anusha, Asst. Prof.

- ❖ 3 papers published titled 'A Machine Learning Approach For Prediction of Diabetes Mellitus' in 'IJETER', Vol: 11, Issue: 6, ISSN: 2347-3983, June, 2023, 'Face Recognition based Attendance System Using ESP 32CAM' in 'IJEAST', Vol: 7, Issue: 12, ISSN: 2455-2143, April, 2023, 'An Artificial Intelligence Based Speaking System for Dumb People' in 'IJEAST', Vol: 7, Issue: 10, ISSN: 2455-2143, Feb, 2023.



## Technical Associations in the Department

### IETE Student Chapter

Faculty Coordinator: Mr. Y. Rakesh Kumar, Asst. Professor

The events under IETE student chapter are organized in every semester with the objective to provide platform for the students to exhibit their talent with a competitive spirit. The new Executive body members were elected by HOD, ECE are Vice President (Ch. Sharanya, ECE 4/4), Secretary (Veena. M, ETE, G. Krishna Haneesha ECE), Treasurer (S. Prathima Reddy, ECE) and a team of 24 members (including ETE Branch)



- ❖ Dr. B. Venkateshulu, Prof. & HOD and Faculty Advisors Y. Rakesh Kumar, Y. Prakash & Dr. A Naveena decided the events based on the present day requirements and requests from students for the academic year 2022-2023. Following are the events conducted.

1. Organized a 'Technical Quiz' event on 18/11/22 (Friday) from 3:00 PM to 4:00 PM for II, III and IV B. Tech ECE and ETE. A total of 168 students have participated and competed in the Contest.



Technical quiz event

2. Organized an event 'Tech Codopuzz' for all the students on 09/12/22 from 2 PM to 4 PM for II, III and IV B. Tech ECE and ETE. A total of 50 students have participated and competed in the contest. 1<sup>st</sup> round was to solve a Technical Puzzle and 2<sup>nd</sup> round was Coding.



Codopuzz event

3. Organized a seminar on, 'Engineering Applications with Embedded systems' for all the students on 09/02/23 from 9:30 am to 1:00 pm for III B. Tech ECE & ETE. A total of 208 students have participated.
4. As part of enhancing the practical knowledge of our B. Tech students from GNITS, an Industrial visit was planned to 'ATC AAI SHAMSHABAD' on 18/03/23 and 27/03/23 from 10:00 AM to 3:00 PM for 2 days. On 18/03/23 a total of 43 students including 3 coordinators of IV B. Tech ECE and

ETE Dept. accompanied by Mr. Y. Rakesh Kumar & Y. Prakash of ECE Dept. and Dr. A Naveena & Mr. Vikas of ETE Dept. On 27/03/23 a total of 53 students including 3 coordinators of IV B. Tech ECE and ETE Dept. accompanied by Dr. R. Swapna, Mr. V. Shankar & G. Madhavi of ECE Dept. had visited the ATC AAI.



Batch-1 Students and Faculty members at radar station.



Batch-2 Students with Faculty members at radar station

5. The IETE Student Forum (ISF) unit, ECE, ETE departments of GNITS have organized an Industrial visit to 'NRSC-Jeedimetla' on 29/03/23 from 10:00AM to 3:00PM. A total of 106 students including 6 student coordinators of III B. Tech ECE and ETE Dept. accompanied by Y. Rakesh Kumar & Y. Prakash of ECE Dept. and Dr. A. Naveena of ETE Dept. had visited the NRSC.



Batch-1 Students and Faculty coordinators at NRSC



Batch-2 students and Faculty Coordinators at NRSC

6. Finally, a Valedictory function – 'Alcaeus' was conducted on 27/04/23. This event was graced with the presence of Prof. Nuli Namassivaya, Chairman, IETE, Hyderabad for the celebration of the technical and non-technical achievements of the IETE -ISF and the Avantgarde Association.



IETE student coordinators, Faculty Coordinators, Dr. B. Venkateshulu, ECE HOD with chief guest Prof. Nuli Namassivaya Chairman, IETE, Hyderabad at valedictory.





## ECE Cultural Association

Faculty Coordinator: Mrs. N. Harini, Asst. Professor



**ECE Cultural Association** encourages the students to showcase their extra-curricular interests and gives an opportunity to exhibit their all-round performance. A number of events have been planned, organized and successfully completed.

- ❖ On 21-11-22 two events namely '**SINGING**' and '**DANCE**' were conducted for B.Tech (2/4,3/4,4/4) with **11** and **26** Participants respectively. The winners of the event '**SINGING**' are **VVLK Likhitha** (20251A04B9)-Prize I from 3<sup>rd</sup> years, **K.Jyoshtna** (21251A0410)-Prize II from 2<sup>nd</sup> years, **B. Prashamsa** (19251A0406) Prize III from 4<sup>th</sup> years. The winners of the event "**DANCE**" are **K. Jyoshtna** (21251A0410)-Prize I(Solo) from 2<sup>nd</sup> years, **Apoorva Singh**(21251A04D3) )-Prize II (Solo) from 2<sup>nd</sup> Years, **K. Viraja** (20251A04C7) & **K. Vaishnavi** (20251A04D3) -Prize I(Group) from 3<sup>rd</sup> years, **T. Sucharitha** (19251A0453) & **S. Sushma** (19251A0446) -Prize II(Group) from 4<sup>th</sup> years, **S.Amulya** (20251A04E6), **N. Vyshnavi** (20251A04G5), **Ramya** (20251A04D1), **Kumidini** (20251A04D6) -Prize III(Group) from 3<sup>rd</sup> years.
- ❖ On 14/03/23 an event namely '**Aptitude Test**' was conducted for II B. Tech students with **100** participants. The winners of the event are **S.Meghana Reddy** (21251A04C5)- I Prize & **G.Spoorthy Goud** (21251A0438)-II Prize.
- ❖ On 28-03-23 two events namely '**Thread Jewellery Making**' and '**Stand Up Comedy**' were conducted for B. Tech (2/4,3/4,4/4) with **15** and **4** Participants respectively. The winners of the event '**Thread Jewellery Making**' are **N. Priyanka** (20251A0449), **R. Keerthi**(20251A0452) & **S. Deekshitha** (20251A0455) -Prize I from 3<sup>rd</sup> Years, **K.Jyothsna** (20251A0443) , **B.Shravani** (20251A0434) & **K. Varsha** (20251A0460) -Prize II from 3<sup>rd</sup> Years. The winners of the event '**Stand Up Comedy**' were **K. Jyothsna** (20251A0443) -Prize I from 3<sup>rd</sup> Years.
- ❖ On 10-01-23 another event namely '**Rangoli**' is conducted for B.Tech (2/4,3/4,4/4) with **40** Participants respectively. The winners of the event are **K. Sathvika** (19251A04E2), **V. Divyasree** (19251A04H9) & **R. Sruthi** (19251A04G5) -Prize I from 4<sup>th</sup> Years, **Praveena** (21251A04G6) **Gayathri** (21251A04G4) & **Bhavana** (21251A04D4) -Prize II from 2<sup>nd</sup> years. **Prasanna** (21251A0493), **Chetan** (21251A04C7) & **Umasree** (21251A04C0) -Prize III from 2<sup>nd</sup> years.



Singing



Dance



Aptitude



Stand up Comedy



Thread Jewellery Making

### Workshops/FDP attended by Faculty

- ❖ **Dr. Renuka Devi, V. Radha Krishna and G. Krishna Kishore** has attended 8 weeks NPTEL\_AICTE FDP on '**Foundation of cloud IOT edge computing**', from Feb-April, 2023.
- ❖ **Dr. Renuka Devi** has attended 8 weeks NPTEL\_AICTE FDP on '**Computer Vision and Image Processing - Fundamentals and Applications**' from Feb-April, 2023.
- ❖ **Dr. C. Padmaja** has attended 8 weeks NPTEL\_AICTE FDP on '**Foundation of Cloud IoT Edge ML**', from Feb-April, 2023, 8 weeks NPTEL\_AICTE FDP on '**Optimization for Machine Learning: Theory and Implementation**', from Feb-April, 2023, 2 days '**2<sup>nd</sup> National level workshop on curriculum framework 2023**', IAE from 17/3/23 to 18/3/23, 2 days FDP on '**Engineering trends in Biomedical Engineering Research for Healthcare**', Sri Sivasubramaniya Nadar College of Engineering, Chennai, from 27/03/23 to 29/03/23.
- ❖ **Dr. C. Padmaja, Ch. Hari Prasad** has attended 3 days **sia 2023 Conference**', HICC, Hyderabad, from 24/2/23 to 26/2/23.
- ❖ **B. Tulasi Sowjanya and A. Sarada** attended 8 weeks NPTEL\_AICTE FDP on '**Digital Signal Processing and its Applications**', from Jan-April, 2023, 5 days short term course on '**Advanced Python Programming**', NITW, on 27/01/23 to 31/01/23.
- ❖ **B. Sreekanth Reddy** attended 1 day FDP on '**Concept to Product**', IITH on 23/2/23.
- ❖ **Y. Prakash** has attended 1 day FDP on '**Wireless communication in Biomedical Engineering**', IETE, Hyderabad, on 12/02/23.
- ❖ **Dr. P. Chandra Sekhar** attended 5 days FDP on '**Optimisation for Machine Learning: Theory and Implementation**', NITW, from 31/03/23 to 04/04/23.
- ❖ **P. Satyanarayana Goud** attended 2 weeks FDP '**Drone Imaging and AI/ML tools for improving decision making in agriculture applications**', CBIT, from 5/12/22 to 16/12/22.
- ❖ **P. Sripadma** attended 5 days FDP '**Deep learning algorithms**

and applications in Engineering and sciences', SNIT, from 28/11/22 to 2/12/22.

- ❖ **Ch. Anusha** attended 8 weeks NPTEL\_AICTE FDP '**Joy of computing using python**', from Jul-Oct, 2022.
- ❖ **Ch. Anusha, M.Lakshmi, Varuna Kumari, Divya Devarajan** have attended 8 weeks NPTEL\_AICTE FDP '**Introduction to Industry 4.0 and Industrial IoT**', SNIT, from Jul-Oct, 2022 .
- ❖ **G. Krishna Kishore** attended 8 weeks NPTEL\_AICTE FDP on '**Introduction to IoT**', from Jul-Oct, 2022 .
- ❖ **N. Harini** attended 1 week FDP on '**Block Chain Technology**', from 27/03/23 to 02/04/23, 8 weeks NPTEL\_AICTE FDP '**Cloud Computing**', from Jul-Oct, 2022.
- ❖ **B. Sreekanth Reddy and V.Radha Krishna** attended 2 days FDP on '**CMOS layout design using Microwind tool**', JNTUH from 2/9/22 to 3/9/22.
- ❖ **Dr. G. Srivalli, T. Srilatha, P. Madhuri, K.Swathi, M. Lakshmi, C.Sridhar Babu, V.Shankar, GVNSK Sravya, P.Roopaa Ranjani, P.Satyanarayana Goud, P.Lavanya, G.Madhavi, Ch. Anusha and G. Krishna Kishore** attended 2 weeks FDP on '**Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified (Intellectual Calibres) Learners in Technical Education**', GNITS from 22/8/22 to 01/09/22.
- ❖ **V. Radha Krishna and Y. Prakash** attended 1 week FDP '**Amazon Web Services**', GNITS from 22/8/22 to 27/8/22.
- ❖ **M. Shanthi** attended 1 week FDP '**Internet of Things in Applied Engineering**', CVR College of Engineering from 12/06/23 to 17/06/23, 12 weeks NPTEL\_AICTE FDP on '**Introduction to Industry 4.0 and Industrial IoT**', IIT Madras during Jul-Oct, 2022 .

### NPTEL Courses by Faculty

- ❖ **10** Faculty members (**Dr. Renuka Devi S M** (Elite + Silver for four courses), **Vadde Radha Krishna**(Elite for two courses) , **B. Tulasi Sowjanya** (Topper), **Dr.C. Padmaja** (Elite + Silver), **N. Harini** (Elite), **M. Shanthi** (Elite), **Chilupuri Anusha** (Elite + Silver), **G. Krishna Kishore** (Elite), **Divya Devarajan** (Elite), **U. Lakshmi Varuna Kumari**(Elite)) successfully completed NPTEL online courses.

## Students Achievements

### Internships

- ❖ 70 students attended paid and non-paid internships in various organizations from August 2022 to till date. The details of the students are listed below:

S. No.	Organization	Class	Names of Students	Stipend / Month	No. of Students
1.	JPMC	IV ECE	B Varshini (19-407), Ch Neha (19-468), Ch Pavani (19-469), MSNS Chandana (19-492), P Pallavi (19-4A3), D Rucha Shashank (19-4G6)	Rs. 70,000/-	6
2.	AT & T	IV ECE	P Lalana (19-432), K Sai Priya (19-447), G Meghana (19-472), V Siva Shahitha (19-4C0)	Rs. 45,356/-	4
3.	Providence	IV ECE	P Mounika (19-496), V Pavitra (19-4H8)	Rs. 40,000/-	2
4.	Wabtec Corporation	IV ECE	O Hanisha (19-4F7)	Rs. 30,000/-	1
5.	State Street Corporation	IV ECE	Ch Yashaswini (19-410), K Priyanka (19-423), K Keertimayee (19-427), P Sai Sunidhi (19-448), B Keerthana (19-467), R Amrutha (19-4A9), T Kiranmai (19-4B6)	Rs. 30,000/-	7
6.	Deloitte	IV ECE	J Yashaswini (19-419), T Harini (19-454), P Soumya (19-4A4), V Meghana (19-4B7), A Soumya (19-4C1), A Manaswini (19-4C2), M Hephshiba (19-4E6)	Rs. 25,000/-	7
7.	Micron	IV ECE	A Vedabhishiktha (19-401), K Hoyasala Devi (19-422), M Shravani (19-4H2)	Rs. 22,000/-	3
8.	Viasat	IV ECE	T Mahitha (19-434)	Rs. 22,000/-	1
9.	Ernst & Young	IV ECE	M Pranathi (19-438)	Rs. 21,200/-	1
10.	Medha Servo Drives Pvt. Ltd.	IV ECE	T Pavani (LE-403)	Rs. 20,000/-	1
11.	Stellantis	IV ECE	N Pavithra (19-439), P Jaahnavi (LE-414)	Rs. 20,000/-	2
12.	Colruyt	IV ECE	N Usha Kiran (19-4A1)	Rs. 20,000/-	1
13.	Colruyt	IV ECE	B Sathvika (19-464), S Keerthana (LE-408)	Rs.20,000/-	2
14.	Ford	IV ECE	B Lekhya (19-433), Md. Sana (19-437), P Jagruthi (19-444), A Reshmitha (Le-419), M Naveena (19-497), M Praneetha (19-4E7), K Nikhitha (Le- 416)	Rs. 15,000/-	7
15.	Freyr Energy	IV ECE	E Sai Sindhu (19-414)	Rs.15,000/-	1
16.	Cognizant	IV ECE	M Sneha (19-4E5), Shikari Vaishnavi (19-4H1)	Rs. 12,000/-	2
17.	LTI Mind tree	IV ECE	B Suneetha (Le-406), K Jagruthi (19-425), P Avantika(19-4A2), P Greeshma (19-4G3), T Meghana (19-4H4), T Sabitha (19-4H7)	Rs. 10,000/-	6
18.	Book My Stall	IV ECE	N Poojitha (19-4F6), R Shruthi (19-4G5)	Rs. 8,000/-	2
19.	IIITH	IV ECE	P Alekhya (19-403), K Hoyasala Devi (19-422), T Pranathi (19-451), D Rucha (19-4G6)	Nil	4
20.	Accenture	IV ECE	B Nihalini (19-465), B Akhila (19-466), Rahena (19-4A7), T Siri (19-4H6)	Nil	4
21.	JPMC	III ECE	B Shravani (20-434), M Gayathri Devi (20-445), K Varsha (20-460), B Saritha (20-494) VVLK Likitha (20-4B9)	Rs. 70,000/-	5
22.	Silicon Labs	III ECE B	M Tanusha (20-477)	Rs. 35,000/-	1

- 66 students of III ECE-A attended Internships in PVR Tech Hub, 66 Students of III ECE-B attended Internships in MUFA Tech Solutions and 66 students of III ECE-C attended Internships in Enlight CAD Engineering.
- Hackathons
  - ❖ Nooka Pallavi (20-480), Hema Sreya (20-466) and Meka Tanusha (20-477) secured Special Prize with a Cash Prize of Rs. 10,000/- with the title 'Industrial Robotic Arm in the National Hackfest-23' conducted by Mistra Solutions and Hosted by Bangalore Institute of Technology, Bangalore on 30/06/2023.
  - ❖ T V L Prasanna (21- 493), I Satvika (21-4B1), N Umasree (21-4C0) & S Srichetan (21-4C7) has won III Prize along with a cash prize of Rs. 10,000/- with the title Road Guard in the finale of Telangana Got Tech Talent Hackathon conducted by JNTU Hyderabad in association with an Industry Partner Blackbuck Engineers on 19/04/2023.
  - ❖ Pranati Tanteavahi (19-451), Alekhya Pathak (19-403), K. Hoyasala Devi (19-422) and Rucha Dhodapkar (19-4G6) received a recognition of their Participation as a Finalist in the TiE Grad Business Idea Tournament Grand Finale for Title IoT Based Noise Pollution Awareness System conducted by TiE Hyderabad Fostering Entrepreneurship held on 05/04/2023.
  - ❖ S Meghana Reddy (21-4C5) and B Siri Chandana (21-469) for title Ashok Gahan won I Prize in Toycathon event held on 25/01/2023 conducted by I Cell, GNITS.



- ❖ V Vaishnavi (20-488) participated in 3-Day Boot Camp on Ethical Hacking and Cyber Security (Level-1) followed by 12 Hours of Hackathon in association with [Supraja Technologies](#), conducted by IT Dept., GNITS from 02/03/2023 to 05/03/2023.
- ❖ M Chaitanya (19-4E8), M Kavya (19-4E3), N Poojitha (19-4F6) and P Bhargavi (19-4F8) Secured [I Position with a Cash Prize of Rs.1000/-](#) in Project Expo for title Smart Blind Stick conducted by [Ignium 2K22](#), GNITS held on 26/11/2022.
- ❖ Pranati Tanteavahi (19-451), Alekhya Pathak (19-403), K. Hoyasala Devi (19-422) and Rucha Dhodapkar (19-4G6) secured [II Prize along with Rs. 800/- Cash Prize](#) in Project Expo for Title IoT Based Noise Pollution Awareness System conducted by [Ignium 2K22](#), GNITS held on 26/11/2022.
- ❖ B. Shravani (20-434) and N. Rashmitha(20-4G4) secured [I Prize](#) with the title Outputting Mars Habitat using 3D Printing conducted by [SUMVN, NASA Space Apps India, Chandigarh University](#) on 02/10/2022.

#### Extra-Curricular Activities

- ❖ D Harshini (20-408) secured [I Position](#) in Kho-Kho at the [Sports Bout – 10.0](#) conducted by [Anurag University](#) on 10/03/2023.
- ❖ B Meghana (19-4C8) secured [II Position](#) on topic Fire Detection and Alarm System in Techtopia- A Digital Dream Land (R&D and Start Up Show Case) organized under Women in Tech Theme held on 08/03/2023 & 09/03/2023 as part of [International Women's Day](#), GNITS.
- ❖ S Meghana Reddy (21-4C5), B Siri Chandana (21-469) showed excellent skills in Research Negotiation and Diplomacy and [won Special Mention-2](#) during the [GNITS Model United Nation](#) held from 27/01/2023 to 29/01/2023.
- ❖ K Kaveri (21-4H6) secured [I Position](#) in Essay Writing Competition organized by [Street Cause GNITS](#) on 16/01/2023.
- ❖ N Akhila (20-4D8) received an appreciation for serving as [Vice President](#) during the [Silver Jubilee Celebrations at GNITS](#) held during 13/12/2022 to 15/12/2022.
- ❖ S Meghana Reddy (21-4C5) secured [I Rank](#) in the [Event Kill the Cancer in Intra Collegiate Elocution Competition](#) held on 22/10/2022.
- ❖ S Meghana (21-4C5) and A Damini Chandi Priya (21-4A4), Chada Chinmaee (21-4A2) of Team Golden Trio secured [II Position with Rs. 500/- Cash Prize](#) in [Tug of Words Debate Competition](#) organized by [Rotaract Club](#) on 09/10/2022.
- ❖ S Meghana (21-4C5) secured [I Prize](#) and V Vaishnavi (20-488) participated in National Level Essay Writing on the occasion of Gandhi Jayanthi and Dussehra Festival organized by [Ek Bharat Shrestha Bharat Club of GNITS](#), Hyderabad on 05/10/2022.

#### Webinars/ Workshops

- ❖ P Akshaya (20-425), A Bhavana (21-4D4) has participated in the IETE Knowledge Sharing Session-89, Webinar-121 on [“Wireless Communication in Bio Medical Engineering”](#) organized by [IETE, Hyderabad Centre](#) on 12/02/2023.
- ❖ A Bhavana (21-4D4) participated in the IETE Knowledge Sharing Session-85, Webinar-117 on [‘Internet of Things in Medical Applications’](#) organized by IETE, Hyderabad Centre on 25/12/2022.
- ❖ N Akhila (20-4D8) has participated in the Winter School on the [theme Sensors for Industry 4.0: Roles, Challenges and Applications](#) organized by [IEEE Sensors Council Hyderabad Chapter](#) at [IIITH](#) held from 20/12/2022 to 21/12/2022.

- ❖ M Naveena (21-4B6) has participated in Pre-Conference Workshop on [Distributed Data Analytics on Secure Enclaves](#) held on 19/11/2022 organized by GNITS.
- ❖ K Varshitha (20-4A2), N Umasree (21-4C0), M Chethana (21-443) has participated in Pre-Conference Tutorial on [AI & ML Realtime Applications using Python and Robotics Innovation to Incubation](#) held on 16/11/2022 organized by GNITS.
- ❖ P Vaishnavi Reddy (21-487) has participated in Pre-Conference Tutorial on [Robotics Innovation to Incubation](#) held on 16/11/2022 organized by GNITS.

#### Awards

- ❖ Abarrane Emmanuel (19-402) received an [Award of Appreciation](#) for [Chief Content Executive – social media & Content Team for Women in Leadership Conclave](#) as part of International Women's Day Celebrations at GNITS on 08/03/2023 to 09/03/2023.
- ❖ S Meghana Reddy (21-4C5) received an [Award of Appreciation](#) for [Student Deputy Chair- Women in Policy for Women in Leadership Conclave](#) as part of International Women's Day Celebrations at GNITS on 08/03/2023 to 09/03/2023.
- ❖ N Lakshmi Chaitra (19-4F4) received an [Award of Appreciation](#) for [Student Deputy Chair- Women in Business for Women in Leadership Conclave](#) as part of International Women's Day Celebrations at GNITS on 08/03/2023 to 09/03/2023.
- ❖ K Poojitha (20-417) received an [Award of Appreciation](#) for [Student Deputy Chair- Women in Leadership for Women in Leadership Conclave](#) as part of International Women's Day Celebrations at GNITS on 08/03/2023 to 09/03/2023.
- ❖ N Akhila (20-4D8) received an [Award of Appreciation](#) as [Executive Coordinator in the success of Honorable President Smt. Droupadi Murmu & Azadi Ka Amrith Mahotsav](#) at GNITS held on 29/12/2022.
- ❖ Pranati Tanteavahi (19-451), Alekhya Pathak (19-403), K. Hoyasala Devi (19-422) and Rucha Dhodapkar (19-4G6) received an [Encouragement Award](#) for Title IoT Based Noise Pollution Awareness System at 2022 International one [M2M Hackathon](#) conducted by [Korea Electronics Technology Institute](#) held on 28/11/2022.
- ❖ S Meghana Reddy (21-4C5) and N Umasree (21-4C0) secured [I Best Research Paper Award along with Rs.500/- Cash Prize](#) for the paper titled Floods and Water Related Disaster and Management in the 5th Pure Earth Environmental Conference organized by [Pure Earth Foundation at Sarojini Naidu Vanitha Maha Vidyalaya Campus in Hyderabad](#) on 26/11/2022.
- ❖ N Akhila (20-4D8) received an [Award of Appreciation](#) for the [Exemplary Volunteerism and Dedicated Service as a IEEE Student Network Team Member](#) for the Year 2022.

#### Paper/Poster Presentations

- ❖ M S Sravya (21-4J2), D Deepthi (21-4H1) secured [I Position with Rs. 1000/- Cash Prize](#) in Poster Presentation on VLSI Design and Nano Technology conducted by [IGNIUM 2K22](#), ISTE, GNITS on 26/11/2022.
- ❖ P Sonali (20-4B1) secured [II Position along with Rs. 1000/- cash prize](#) in Poster Presentation on topic E Waste Management conducted by [Electroblitz's EEE Dept., GNITS](#) on 19/04/2023.
- ❖ V Vaishnavi (20-488) secured [II Position along with Rs. 1000/- cash prize](#) in Poster Presentation on topic Traffic prediction for intelligent transport system using machine learning

conducted by **IGNIUM 2K22, ISTE, GNITS** on 26/11/2022.

- ❖ **A Damini Chandi Priya (21-4A4)** secured **I Position** in Paper Presentation on title Scope of Embedded Systems, IoT and Robotics with a Cash Prize of Rs.2000/- conducted by **IGNIUM 2K22, ISTE, GNITS** on 26/11/2022.

#### Quiz/ Coding Challenges

- ❖ **M Naveena (21-4B6)** secured **II Prize** in Quiz Competition held on 11/08/2022 by **Ek Bharat Shrestha Bharat, GNITS**.

#### Training / Online Courses

- ❖ **A Bhavana (21-4D4)** successfully completed **AWS Cloud Practitioner Essentials** on 12/02/2023.
- ❖ **TVL Prasanna (21-493), Y Lahari Sai (21-497), K Kruthika (21-477)** secured **ELITE** in **NPTEL** Online Course on **The Joy of Computing Using Python** from Jan-Apr, 2023.
- ❖ **B Shivathmika (22255A0410), A Pavani (22255A0408)** secured **ELITE** and **J Soumya (22251A0407)** successfully completed **NPTEL** Online Course on **Digital System Design** from Jan-Apr, 2023.
- ❖ **O Meghana (21-4E9)** completed the course **Computational Thinking** conducted by **MSIT** on 17/10/2022.
- ❖ **K Anoohya (21-412), M Rashmitha (21-416)** secured **ELITE+Silver** and **B Vaishnavi (21-406), N Haripriya Reddy (21-421), G MahaNithya (21-440), U Akshaya (21-431)** secured **ELITE** in **NPTEL** Online Course on **Problem Solving through programming in C** from July-Oct, 2022.
- ❖ **K Pravallika (21-4H8), G Swetha (21-439), K Anoohya (21-412), I Satvika (21-4B1), N Sindhuja (21-4J8)** secured **ELITE+Silver** and **A Yashwitha (21-401)** secured **ELITE** in **NPTEL** Online Course on **The Joy of Computing Using Python** from July-Oct, 2022.
- ❖ **G Maha Nithya (21-440), U Akshaya (21-431)** secured **ELITE+Silver** and **M Rashmitha (21-416)** secured **ELITE** in **NPTEL** Online Course on **Programming in Java** from July-Oct, 2022.

#### ISTE/IETE/IEEE/ECE Association Events

- ❖ **B Saritha (20-494)** secured **I Position** in **Technical Treasure Hunt** conducted by **IETE Student Forum** on 26/04/2023.
- ❖ **G. Spoorthi (21-438)** secured **II Position** in **Aptitude Test** conducted by **Avantgarde** on 18/03/2023.
- ❖ **K. Varshitha (20-4A2)** secured **II Position** in **Tech Codapuzz** conducted by **IETE ISF, GNITS**.
- ❖ **K. Sathvika (19-4E2) and R. Sruthi (19-4G5)** secured **I Position** in **Rangoli Competition** conducted by **Avantgarde** on 11/01/2023.
- ❖ **T. Sucharitha (19-453), S. Sushma (19-446)** secured **II Position** in **Dance Competition** conducted by **Avantgarde** on 21/11/2022.

#### Papers Published by B. Tech Students

- ❖ **G. Sravya (19-4D3), M. Hephsiba (19-4E6) and B. Divya (18-4C5)** published a Paper Titled **Melanoma Detection Using Machine Learning** in **IJCRT**, Volume-11, Issue-5, May 2023.
- ❖ **M. Jahnvi (19-4D6), K. Mahima Sri (19-4E1) and S. Sneha (19-4H0)** published a Paper Titled **Glaucoma Detection in Retinal Image** in **IJARCCCE**, Volume-12, Issue-5, May 2023.
- ❖ **D. Neha (LE 413), T. Sabitha (19-4H7), V. Pavitra (19-4H8) and P. Vasavi Sai (19-4G2)** published a paper titled **Voice Controlled Wheelchair** in **IJARCCCE**, Volume-3, Issue-5, May 2023.
- ❖ **K. Sathvika (19-4E2), A. Manaswini (19-4C2), G. Bhanu Sri (19-4D4) and A. Likitha (19-4C4)** published a paper titled

**Smart Interactive Dustbin Network** in **Juni Khyat**, Volume-13, Issue-5, May 2023.

- ❖ **K. Priyanka (19-423), B. Prashamsa (19-406), G. Srivani (19-417) and J. Yashaswini (19-419)** published a paper titled **Smart Safety Band** in **Juni Khyat**, Volume-13, Issue-5, May 2023.
- ❖ **M. Sneha (19-4E5), J. Usha Kiran (19-4D8), M. Pooja (Le417), R. Shruthi (19-4G5)** published a paper titled **Electricity Generation Using Rack and Pinion Mechanism** in **IJCRT**, Volume-11, Issue-5, May 2023.
- ❖ **B. Geetha Vani (19-404), Ch. Kiranmai (19-409), K. Hemavathi (LE 405) and Sk Shaystha (19-449)** published a paper titled **Sign Language to Text and Speech Conversion using Image Processing and Machine Learning** in **IJNRD**, Volume-8, Issue-4 April 2023.
- ❖ **T. Sucharitha (19-453), N. Pavithra (19-439), K. Nikhitha (19-431) and V Sathwika (19-457)** published a paper titled **Automatic LPG Cylinder Booking and Leakage Detection using IoT** in **IJNRD**, Volume-8, Issue-4, April 2023.
- ❖ **Ameena Juhi (19-463), P. Mounika (19-496), V. Meghana (19-4B7) and G. Tejaswini (19-474)** published a paper titled **IoT Based Wireless Electronic Notice Board** in **IJCRT**, Volume-11, Issue-4, April 2023.
- ❖ **T. Mahitha (19-434), J. Shruthi (Le-402), Ch. Anusha (19-411) and Palwai Shloka (19-443)** published a paper titled **Smart Library Management System** in **IJCRT**, Volume-11, Issue-4, April 2023.
- ❖ **G. Shalini (19-477), L. Hrushitha (Le-409), A. Srinidhi (19-462) and B. Sathvika (19-464)** published a paper titled **Finger Print Vehicle Starter Using Arduino** in **IJRTI**, Volume-8, Issue-5, 2023.
- ❖ **P. Pallavi (19-4A3), B. Deeksha (Le-411), M. Sneha (19-491) and M. Madhurya (19-495)** published a paper titled **Face Recognition Based Attendance System using ESP 32 CAM** in **IJEAST**, Volume-7, Issue-12, April 2023.
- ❖ **M. Naveena (19-497), G. Neeraja (Le-410), G. Niharika (19-473) and K. Lahari (19-486)** published a paper titled **Smart Helmet for Tracking Coal Miners** in **IJAEM**, Volume-5, Issue-4, April 2023.
- ❖ **M. Amulya (19-435), G. Jyosthna Preethi (19-416), K. Keerthimayee (19-427) and A. Reshmitha (Le-419)** published a paper titled **Vehicle Safety and Accident Detection Using IoT** in **IJNRD**, Volume-8, Issue-4, April 2023.

#### Students Qualified in GRE/GATE/IELTS/CAT

- ❖ **GATE**: **M S N Sowmya Chandana (19251A0492) Rank - 2089**, **T Harini (19251A0454) Rank - 2788**, **M Bhavana Reddy (19251A04F1) Rank - 4180**, **N Dasari (20255A0413) Rank - 6351**, **R Shruthi (19251A04G5) Rank - 14212**
- ❖ **GRE**: **P Jagruthi (19251A0444) Rank - 328**, **N Hema Anvitha (21251A04J6) Rank - 321**, **P Satya Priyanka (19251A04G4) Rank - 321**, **K Jagruthi (19251A0425) Rank - 319**, **P Shloka Reddy (19251A0443) Rank - 319**, **G Ashlesha (19251A04D2) Rank - 317**, **B Sathvika (19251A0464) Rank - 318**, **P Lalana (19251A0432) Rank - 306**, **M Bhavana (20255A0407) Rank - 299**
- ❖ **IELTS**: **P Lalana (19251A0432) Score - 7.5**, **T Meghana (19251A04H4) Score - 7.5**, **G Deepshikha (19251A0415) Score - 7.5**, **J Sri Vaishnavi (19251A0481) Score - 7.5**, **P Satya Priyanka (19251A04G4) Score - 7.0**, **B Sathvika (19251A0464) Score - 7.0**, **P Shloka Reddy (19251A0443) Score - 6.5**, **K Jagruthi (19251A0425) Score - 6.5**, **G Ashlesha (19251A04D2) Score - 6.5**.
- ❖ **SELT**: **Abarrane Emmanuel Pala (19251A0402) High Pass**
- ❖ **CAT**: **D Sai Sathvika (19251A04B0) Score - 61.29%**



## Distinguished Alumni

- ❖ Nambi Mridupani (15-4H0) secured UPSC AIR 21<sup>st</sup> Rank in Engineering Service Examinations, 2022.
- ❖ V Sanjana Simha (12-4H5) secured UPSC AIR 37<sup>th</sup> Rank.
- ❖ P. Nikhila (15-454) Co-Founder at Money Planned, FinTech Entrepreneur and Patent for AI-driven Financial Planning has been invited and participated in the World Economic Forum.

## Academic Toppers

### Academic Toppers

#### B.Tech II Year I Sem



Chidurala Sindhuja  
21-472  
SGPA - 10



Katta Vagdevi  
21-442  
SGPA - 9.85



T.V.L.Prasanna  
21-493  
SGPA - 9.85



Beeram Susmitha  
21-498  
SGPA - 9.85



Shivani Gokul  
21-427  
SGPA - 9.78

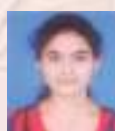
#### B.Tech III Year I Sem



P. A. Aishwarya  
20-4B2  
SGPA - 9.6



Dhanishetti Manogna  
20-462  
SGPA - 9.55



Swecha Amireddy  
20-4H5  
SGPA - 9.55



Meka Tanusha  
20-477  
SGPA - 9.5



P Neeharika Reddy  
20-4B0  
SGPA - 9.4



Pathro Sonali  
20-4B1  
SGPA - 9.4

#### B.Tech IV Year I Sem



Donthula  
Bhavana Yadav  
19-413  
SGPA - 9.57



M.Bhavana  
Reddy  
19-4F1  
SGPA - 9.57



Telugu Hemalatha  
19-452  
SGPA - 9.33



Arwapally  
Likhitha  
19-4C4  
SGPA - 9.33



Deekonda  
Eshwari  
19-412  
SGPA - 9.28



Kanuganti Jagruthi  
19-425  
SGPA - 9.28



Manda  
Hebhsiba  
19-4E6  
SGPA - 9.28



P.Harsha Veena  
19-4F9,  
SGPA - 9.28

#### B.Tech IV Year II Sem



Boin Prashamsa  
19-406  
SGPA - 9.85



Boyalla Jahnavi  
19-408  
SGPA - 9.85



Deekonda Eshwari  
19-412  
SGPA - 9.85



Donthula Bhavana  
Yadav  
19-413  
SGPA - 9.85



Telugu Hemalatha  
19-452  
SGPA - 9.85



Varala Namitha Patel  
19-460  
SGPA - 9.85



Modium Madhurya  
19-495  
SGPA - 9.85



Kanchi Pavithra  
18-441  
SGPA - 9.85



S.Harshini  
18-484  
SGPA - 9.85



Banala Divya  
18-4C5  
SGPA - 9.85



Abbathini Soumya  
19-4C1  
SGPA - 9.85

#### M.Tech II Year I Sem



Thumu Kavya  
21-105  
SGPA - 8.75



Atagara Manasa  
21-103  
SGPA - 8.56



Nidhi Jaiswal  
21-101  
SGPA - 7.94



Batta Dikshita  
21-104  
SGPA - 7.94

### Students Admitted for Higher Education during AY 2022-2023

S.No.	Roll No.	Name	Degree	Specialization	Date of Admission	Institution Joined (full address)
1	19251A0481	J Sri Vaishnavi	M.S	Electrical and Electronics Engg.	2023 September	University of Washington
2	18251A0409	Ruchitha Gajawada	M.S	Computer Science	2022 May	Lamar University
3	18251A0454	Harshini S	M.Tech	Communication systems	2022 August	Indian Institute of Information Technology, Kancheepuram, Chennai
4	18251A0485	Sheri Keerthi Reddy	M.S	Computer Science	2022 August	Wichita State University
5	18251A04E4	Nini Muly	M.S	Computer Science	2023 January	USA
6	18251A04C4	B.Rithika	M.S	Information Systems and Technologies	2022 September	USA
7	18251A04C8	Nithya Reddy Chinthakuntla	M.S	Computer Science	Spring 2023	USA
8	18251A04H6	T.Harshitha	M.S	Management Science and Quantitative Methods	2023, January	USA
9	17251A0414	Nabila Hashim	M.S	Data Science	16/7/2022	University of Missouri Kansas city
10	17251A0431	Samritha Balam	M.S	Computer Science	Fall 2022	University of Maryland at Baltimore County
11	17251A04H1	Sai Manasi Parankusam	M.S	Electrical Engineering	25/7/2022	Texas A&M University, College Station
12	17251A0430	Y Sai Sreeja	M.S	Data Analytics Engineering	8/8/2022	Northeastern University Boston

### Papers Published by M.Tech Students

- ❖ **Bhavana Majji (20-103)** presented a paper titled '[Design and Implementation of RNB multiplier Using NP Domino logic](#)' in ICMACC, 978-1-6654-9604-9/22/\$31.00 ©2022 IEEE.
- ❖ **Vani Dasu (20-104)** presented a paper titled '[Implementation of Unbiased Rounding For 64-Bit Floating Point Adder](#)' in ICMACC, 978-1-6654-9604-9/22/\$31.00 ©2022 IEEE.
- ❖ **Vaishnavi Kapilavail (20-105)** published a paper titled '[VLSI Implementation of High-Performance Ternary Operand PPA for Fir Filter Application](#)' in IJSRST, Print ISSN: 2395-6011 Online ISSN: 2395-602X.
- ❖ **Kurra Pallavi (20-107)** presented a paper titled '[Data Transmission through Li-Wi in Under Water](#)' in International Conference on Power of Artificial Intelligence and Mobile Learning for Human Empowerment, IETE chencn 20<sup>th</sup> & 21<sup>st</sup> May, 2022.
- ❖ **Batta Dikshita (21-104)** published a paper titled '[Geo Magnetic MID-Latitude Ionospheric Gradient Detection by Time-Step Method](#)' in UGC Care Group I Listed Journal ISSN: 2278-4632 Vol-13, Issue-05, No.01, May : 2023
- ❖ **Nidhi Jaiswal (21-101)** Published a paper titled '[Design of RISC V-Processor Using Booth Algorithm](#)' proceedings of the International Conference on Electronics, Communication and Computing Systems (ICECCS-2023) Vasavi College of Engineering, Hyderabad: pp-224-227.

### IQAC Coordinators

**Dr. Swapna Raghunath** is Professor in the Department of Electronics and Communications Engineering at G. Narayanamma Institute of Technology and Science (GNITS), Hyderabad. She has [22 years](#) of teaching experience for UG and PG students. Her Research interests include GPS, Ionospheric Studies, Microwaves, Electromagnetic Waves, Antennas and Precision Agriculture. Dr Swapna Raghunath has published [48 research papers](#) in reputed International Journals and National and International Conferences. She is the Editorial Board Member and Reviewer for many International Journals and Conferences.



**Mrs. Jayashree S Patil**, Assoc. Professor in Department of CSE, G. Narayanamma Institute of Technology and Science, Hyderabad. She completed B.E and M Tech. from PDA College of Engineering, Gulbarga, and pursuing PhD from JNTUH Hyderabad. She has rich teaching experience of [26 years](#). She is author of 1 text books and reviewer for 2 books and published nearly [20 plus papers](#) in reputed international and national journals and conferences. She is the recipient of [Infosys Gold Partner Award](#). She has offered consultancy services to PS Engineers and Globarena Private Ltd. She has professional membership for technical chapters like IEI, CSI, and ISTE etc.







## Electrical & Electronics Engineering

### Dr.P. Ramakrishna Reddy, Professor & HOD

**Dr.P. Ramakrishna Reddy** is a highly accomplished and respected academician serving as the Head of the Department of Electrical and Electronics Engineering at our Esteemed Engineering college. He took charge as Head of the Department from 1/7/23. With over 23 years of experience in academics, **Dr. P. Ramakrishna Reddy** has made significant contributions to research and education.

**Dr.P. Ramakrishna Reddy** completed his Ph.D. in Electrical and Electronics Engineering from the renowned Jawaharlal Nehru Technological University, Hyderabad and has since been actively involved in both teaching and research. His areas of expertise include Power Systems, Renewable Energy, Gas stations, Green Energy system etc. He has published numerous research papers in reputed International journals and Conferences. He has been granted with two Patents **IPMI-Advanced Grid Connected Systems: Intelligent Power Quality Monitoring and Improvement in Advanced Grid Connected Systems** on 23/12/20 with patent no: 2020103327, **Machine Learning-Based Quality Improvement System for Micro-Grid** on 23/12/20 with patent no: 2020103307. He also published Text books like 'Very Fast Transient Over voltages in GIS', 'Modelling and Suppression Methods of VFTO's in GIS', 'Design of Hybrid Forward Boost Converter for Renewable Energy'. Under his exemplary guide ship, the R&D Department of EEE has submitted two proposals 'Implementation of Rooftop PV assisted electric vehicle using Intelligent control of Supercapacitor & Battery' and 'Design, Development and Implementation of Floating Aerator And Plastic Collecting Seabin Powered By Solar- Photovoltaic System To Rejuvenate Lakes Ecosystem' to MNRE in 2022

Apart from his academic achievements, **Dr. P. Ramakrishna Reddy** is known for his dedication to student development. He has mentored several students, guiding them in their research oriented work and career aspirations. Under his leadership, the Electrical and Electronics Engineering department has witnessed a surge in industry collaborations and internships, providing valuable practical exposure to students.

**Dr. P. Ramakrishna Reddy** is also actively involved in professional bodies and served as an Additional Controller of Examinations and Research & Development Cell Coordinator. He believes in fostering a collaborative and inclusive learning environment, promoting interdisciplinary research, and preparing students to tackle real-world challenges.

#### About the Department

EEE, one of the spearhead branches in GNITS has both its program i.e., UG & PG accredited by NBA. The Electrical and Electronics Engineering Department at **G. Narayanamma Institute of Technology and Science** is committed to nurturing skilled engineers and promoting excellence in education, research, and innovation. With its state-of-the-art infrastructure, experienced faculty, and industry collaborations, the department equips students with the knowledge and skills required to excel in the dynamic field of electrical and electronics engineering. The department offers a comprehensive curriculum that covers core electrical and electronics engineering subjects along with specialized courses in emerging areas. The curriculum is regularly updated to align with the industry requirements and technological advancements. It also emphasizes interdiscip-

linary learning, project-based activities, and industry collaborations.

The department has 10 Doctorates, 19 of its faculty are pursuing PhD. The retention rate of the faculty is remarkable at 70% during the last 15 years. The department has an excellent placement record, with students securing placements in renowned companies and organizations. The placement cell provides training, career guidance, and assistance to ensure that students are well-prepared for the industry. With more than 85% placements, the students of EEE are privileged to mark their presence in prestigious companies like Deloitte, TCS, JP Morgan, CapGemini etc.

With latest labs like R&D lab, Virtual lab, PQ lab, Projects lab etc already functional, the department is proud to claim a well-designed syllabus with latest courses in place to make the students industry ready. The department also undertakes the maintenance of Power House and all other electrical utilities including the 160KW solar Power plant in the campus. The EEE department at GNITS collaborates with research centers and institutes to undertake cutting-edge research projects. These collaborations provide students and faculty with exposure to interdisciplinary research and contribute to technological advancements.

#### Highlights

- ❖ **Dr.G.Annapurana** Prof, has been appointed as In-charge Head of the Department and Coordinator for PG studies.
- ❖ **Dr.R.Nageshwar Rao** Prof, has been appointed as Additional Controller of Examinations.
- ❖ The EEE department has organized Pre-conference workshop titled 'The Key to India's Energy Future' on 18/11/22.
- ❖ **Mrs. K.Swarnalatha** Asst.Prof, has submitted two proposals 'To develop a standardized bio-economy strategy to reuse stubbles of rice, the major crop of Telangana and India as well through value addition, thus developing a sustainable agricultural system' to Science and Technology for women and 'Automatic Extraction of bio oils, Compost from Crop Stubble, and to provide the stubble processing for the production of furniture and articles' to Strengthening Upscaling and Nurturing Local Innovations for Livelihood(SUNIL) Programme.
- ❖ The Research and Development centre of EEE department has retrofitted a E-Cycle in the campus on 13/1/23, with a powerful 36V 5A lithium ion battery that can travel up to 25Km per single charge.
- ❖ IEEE Student branch chapter of GNITS has inaugurated power electronics society chapter on 16/6/23.







- ❖ Python lab has been inaugurated in the department on 15/2/2023. This lab is erected in an area of 125sqm in our department. Python lab is provided with a total of 73 good configured systems with licensed software and smart board for good visualization analysis.

#### ❖ Aarushi Energy Swaraj Club



**Prof. Chetan Singh Solanki**, IIT Mumbai, Solar Man of India and Founder: Energy Swaraj Foundation has visited our college as a part of Energy Swaraj Yatra and delivered a seminar on '5 point understanding of Climate Change and Corrective Actions' on 23/1/23

- ❖ Our institute has been recognized as **Climate Tinkering Centre of Energy Swaraj Foundation (ESF)**. In this regard, **Mrs.E.Gouthami** Asst.Prof., has organized an event 'World's largest Global Climate Clock Assembly and Display event' on 22/4/23.



- ❖ **Climate Clock has been Displayed in GNITS Campus**
- ❖ **Mr.K.Pandu Kumar** Asst.Prof, has organized a two day's workshop 'Hands on Practice of Domestic Appliances' for Skill Upgradation of Non-Teaching Staff as during 20/2/23-21/2/23.



- ❖ A six day course on 'Electric Vehicle Technology' was conducted during 27/3/23-1/4/23 for B.Tech and M.Tech students of our department by departmental R&D cell.



- ❖ **Dr.N.Malla Reddy** Prof. and **Mrs.E.Gouthami** Asst.Prof. have attended an event 'The Mobility Next Hyderabad Summit' on 6/2/23 at the Hyderabad International Convention Centre.
- ❖ Our second year students **Ms.B.Nandini** and **Ms.B.Sai Anvitha Reddy** have won second prize of cash Rs.35,000/- in Theme 1:Single Use Plastic (SUP) Reduced in 'Eco-Champions Hackathon' Conducted by Telangana State Pollution Control Board during 20/5/23-25/5/23.
- ❖ The department students have added new feathers to their wings by welcoming fresher's through celebrations 'Aliferous'23' on 21/1/23.
- ❖ Students of II Year have visited **Srisailem Left Bank Power House** as a part of Industrial visit during 17<sup>th</sup> and 18<sup>th</sup> of June'2023.



#### Faculty Publications

- ❖ **Dr.N.Malla Reddy**, Prof., Head of the department has published a paper on 'Electric Vehicle DC Motor Powered by Hybrid Energy Storage System Using Ultra Capacitor and Lithium ion Battery' in the journal of Material Science and Technology.
- ❖ **Mrs.E.Gouthami**, Asst.Prof., has published a paper on 'Modelling and Simulation of Solar Energy Storage System for Electric Vehicle' in INCOFT conference.
- ❖ **Mrs.K.Swarnalatha**, Asst.Prof., has published a paper on 'Simulation and Analysis of Grid Connected system using Multilevel Inverter' in the journal of GIS Science Journal.
- ❖ **Mrs.Y.Priyanka**, Asst.Prof., has published a paper on 'A novel controller for enhancing the dynamic performance of a single phase cascaded H-bridge multilevel inverter' in the journal of Material Science and Technology.
- ❖ **Mrs. G. Sujatha**, Asst.Prof., has published a paper on 'Modelling and Energy storage management systems using fuzzy logic controller with PMSM drive Hybrid Electric Vehicle' in the journal of Material Science and Technology, a book chapter 'Design and development of Brushless DC motor drive in Electrical Vehicle application' in AI enabled IoT for Electricification and connected Transportation, 'Enhancement of Power Quality in Distribution based system on Dual p-q theory energy optimization using Dynamic voltage Restorer' in the journal of Recent Trend in Control and Converter and 'Two inductor non-isolated chopper fed to diode clamped multilevel inverter' in the journal of High Technology Letters.
- ❖ **Mr.V.Badri RamaKrishnan**, Asst.Prof., has published a paper on 'A 1KW solar power based Stand alone DC Grid for LED lighting system, Gadget charging for building space' in the journal of Material Science and Technology.
- ❖ **Mrs.K.V.Dhanalakshmi**, Asst.Prof., has published a paper on 'Fault Analysis of Microgrid with Grid-connected and Islanded mode using IoT-wavelet approach' in the journal of Electrical Systems and 'Machine learning assessment of IoT managed microgrid protection in existence of SVC using



wavelet methodology' in AIMS Electronics and Electrical Engineering conference.

- ❖ **Mrs.P.V.S.S.A.Parimala**, Asst.Prof., has published a paper on 'A comprehensive review on the advances in renewable wind power technology' in the journal of Wind Engineering and 'Maximum Boost Control of Quasi-Z-Source Inverter with DSTATCOM for a Wind Energy System' in the Proceedings of International conference on Cognitive and Intelligent computing.
- ❖ **Mrs.V.Sumadeepthi**, Asst.Prof., has published a paper on 'Power Quality improvement of large power system using a conventional method' and 'Irrigation via Drip Automation Utilising Solar Energy' in ICAEEE-2023 conference.

#### Book Publications

- ❖ **Dr.N.Malla Reddy** Prof., has published a book 'IoT based Tampered Energy Meter Monitoring' with ISBN No. 978-620-6-68661-3.
- ❖ **Prof.G.Gopinath** Prof.,has published a book 'Smart Robot Grass Cutter with Lawn Coverage Based on Solar Power' with ISBN No. 978-620-6-73952-4.
- ❖ **Mr.G.Ramana Reddy** Assoc.Prof., has published a book 'Smart Digital Water Management System' with ISBN No. 978-620-6-68657-6.
- ❖ **Dr.R.Nageswara Rao** Prof., has published a book 'Thyristor Power Control' with ISBN No.978-620-6-68651-4.
- ❖ **Mrs.G.Ujwala** Asst.Prof., has published a book 'IoT based Energy Meter with Billing System and Load Prioritization' with ISBN No. 978-620-6-68559-3.
- ❖ **Mrs.E.Gouthami** Asst.Prof., has published a book 'Estimation of Energy Requirement based on Vehicle Performance analysis using different Drive Cycles' with ISBN No.978-620-6-68560-9.
- ❖ **Mrs.K.SwarnaLatha** Asst.Prof., has published a book 'Grid Connected System Using Multi-level Inverter' with ISBN No.978-620-6-68517-3.
- ❖ **Mrs.K.Priyamvada** Asst.Prof., has published a book 'MPPT Based Battery Charging' with ISBN No.978-620-6-68604-0.
- ❖ **Mr.P.BuchiBabu** Asst.Prof., has published a book 'A Comparative Study of P&O and Incremental Conductance Algorithm' with ISBN No. 978-620-6-68588-3.
- ❖ **Mr.P.Sai Niranjan Kumar** Asst.Prof., has published a book 'Study of Automatic Solar Street Light' with ISBN No.978-620-6-68651-4
- ❖ **Mr.K.PanduKumar** Asst.Prof., has published a book 'Radial Distribution System Load Flow Analysis' with ISBN No. 978-620-6-73951-7
- ❖ **Ms.Y.Priyanka** Asst.Prof., has published a book 'A Novel Three Phase Multilevel Inverter with Single DC Link for Induction Motor Drive Application' with ISBN No. 978-620-6-73844-2.
- ❖ **Mr.Ch.LeelaKrishna** Asst.Prof., has published a book 'Comparison of Maximum Power From A Solar PV System' with ISBN No. 978-620-6-68587-6.
- ❖ **Mrs.G.Sujatha** Asst.Prof., has published a book 'Smart Traffic Signalling System' with ISBN No. 978-620-6-73805-3.
- ❖ **Mrs.P.Mamta** Asst.Prof., has published a book 'Design and Performance Analysis of an Electric Vehicle' with ISBN No.978-620-6-73850-3.
- ❖ **Mrs.K.V.Sowmya** Asst.Prof., has published a book 'Smart IoT based Energy Meter with Load Management Algorithm' with ISBN No.978-620-6-68601-9.
- ❖ **Mr.V.Badri Rama Krishnan** Asst.Prof., has published a book

'Smart Solar Charge Controller using Synchronous Buck Converter' with ISBN No.978-620-6-68524-1.

- ❖ **Mrs.K.V.Dhanalakshmi** Asst.Prof., has published two books 'A Novel Fault Tolerant Twenty –one Level Inverter with Induction Drive' with ISBN No.978-620-6-18457-7 'PQ Improvement of Electrified Transportation by Fuzzy Logic Control' with ISBN No.978-620-6-18458-4.
- ❖ **Mrs.P.V.S.S.A.Parimala** Asst.Prof., has published a book 'Solar PV Generation System Interfaced to 3-phase Grid with Compensation' with ISBN No.978-620-6-68570-8.
- ❖ **Dr.T.HmaBindu** Asst.Prof., has published a book 'Hybrid Power Generation using Wind and Solar Energy Monitoring' with ISBN No. 978-620-6-68636-1.
- ❖ **Mrs.V.Sumadeepthi** Asst.Prof., has published three books 'Cuk Converter Based BLDC motor for Water Pumping System' with ISBN No.978-620-6-68536-4, 'Capacitor Added DVR for Smes Emulator Battery for Better Enactment' with ISBN No.978-620-6-18497-3, 'Dual Axis Solar Tracker With Weather Monitoring System' with ISBN No.978-620-6-73742-1.
- ❖ **Mrs.S.Bhulakshmi** Asst.Prof., has published a book 'Seven Level Inverter' with ISBN No.978-620-6-73744-5.
- ❖ **Mrs.B.Abhinethri** Asst.Prof., has published a book 'Broadband Over Power Line' with ISBN No.978-620-6-73744-5.
- ❖ **Mr.S.Chaitanya** Asst.Prof., has published a book 'Multilevel Inverters' with ISBN No.978-620-6-73802-2

#### Faculty Achievements

- ❖ **Mrs.P.Mamta** Asst.Prof., has been the Reviewer for the 2<sup>nd</sup> International Conference on Mobile Networks and Wireless Communications (ICMNWC-2022) organized by **Sri Sridhartha** Institute of Technology in association with IEEE Bangalore Section in Dec'2022.
- ❖ **Dr.Himabindu T** Asst.Prof., has received Best Paper Award for presenting the paper titled 'Fuzzy Logic Controller Based DSTATCOM to Improve Power Quality in Distribution System' in session PS-1 at 4<sup>th</sup> Electric Power and Renewable Energy Conference (EPREC) 2023, organized by Dept. of Electrical Engineering, National Institute of Technology, Jamshedpur on 25<sup>th</sup> -27<sup>th</sup> May 2023. She has been selected as Vice-Chair of Industrial Electronics Society, IEEE Hyderabad Section in July'2023 and as GNITS IEEE Student Branch Counsellor in June'2023.
- ❖ **Mrs. K.V.Sowmya**, Asst. Prof., has completed course work of Ph.D at NIT, Warangal.

#### Newly Joined Faculty

- ❖ **Mr. Somu Chaitanya** has joined the department as Asst.Prof., on 15/5/23.

#### Workshops organized by the department

- ❖ **Dr.T.Himabindu**, Asst.Prof., and **Mrs.P.Tejaswi**, Asst.Prof., have organized a Guest Lecture on 'A Plug and Play Operational Approach for Implementation of an Autonomous Micro Grid System' Under IEEE SB on 12/11/22.

#### Workshops attended /courses done by faculty

- ❖ **Dr.P.RamaKrishna Reddy** Prof., **Mrs. E.Gouthami** Asst.Prof., **Mr.P.Buchibabu** Asst.Prof., have attended a workshop 'Concept to Product' conducted at IIT Hyderabad on 23/2/23.
- ❖ **Mrs G.Ujwala** Asst.Prof., has attended a workshop on 'IEEE PES CHAPTER' in association with IEEE Vardhaman college of Engineering shamshabad' during 19/12/22-24/12/22.
- ❖ **Mrs.E.Gouthami**, Asst.Prof., **Mr.Ch.Leelakrihsna**, Asst.Prof., **Mrs.K.V.Soumya**, Asst.Prof., **Dr.T.Himabindu**, Asst.Prof.,

have attended a workshop on 'Recent Advances in Cyber power and Smart Grids' during 08/05/23 -13/05/2023.

- ❖ Mrs.V.Sumadeepthi, Asst.Prof., has done a course on 'Introduction to internet of things' during Jan to April 2023.
- ❖ Mrs.S.Bhulakshmi, Asst.Prof., has attended a workshop on 'Application of Power electronic converters to Power and energy systems' during 19/12/22-24/12/22 and 'Recent Advances in Cyber power and Smart Grids' during 08/05/23 to 13/05/2023.
- ❖ Dr.G.Satheesh Kumar Asst.Prof., has attended a workshop on 'NPTEL E-Awareness Workshop' on 8/2/23.
- ❖ Dr.G.Satheesh Kumar Asst.Prof., has attended a workshop on 'Recent Advances in Transmission Insulators'.

#### NPTEL courses information

- ❖ Mr.Ch.Leelakrishna Asst.Prof., Mr.V.Badri Ramakrishnan Asst.Prof., have completed the course 'The Joy of Computing using Python' with Elite Certificate.
- ❖ Mrs.V.SumaDeepthi Asst.Prof., has completed the course 'Programming in Java' with Elite Certificate.
- ❖ Dr.G.Satheesh Kumar Asst.Prof., has successfully completed the course 'Recent Advances in Transmission Insulators'.

#### Technical Association of Electrical & Electronics Department (TEJASS)



An event 'Electro Blitz' was organized on account of 'TEJASS-FEST' on 19/4/23. The fest includes many exciting events, stalls, technical events and Non-Technical events.

- ❖ Under Technical events, a Paper Presentation was conducted on various topics such as Advancements in Power Electronics for Industrial Applications, AI Based Power System operation and Restoration, Automated advanced power distribution system, EV battery technology, EV application in power systems and Renewable EV charging station. In this event Ms. Shruthi and Ms. Ujwala of III Year, EEE have won First Prize, Ms. Lahari and Ms.B.Sowmya of III Year, EEE have won second Prize, Ms.A.Amulya has won Third Prize.
- ❖ In Technical Quiz, Ms. Y.Sri Harini of II Year EEE won First Prize, Ms.Girija of II Year EEE won Second Prize, Ms.K.SaiKeerthana of I Year EEE won Third Prize.
- ❖ In Code Debugging event, Ms.Sri Vaishnavi and Ms.D.Akhila of II Year EEE won First Prize, Ms.J.Eesha and Ms.C.Madhuri of II Year EEE won Second Prize.
- ❖ In JAM session Ms. A.Amulya of II Year EEE won First Prize, Ms. G.Nikhitha of II Year EEE won second Prize, Ms.K.Keerthikiran & Ms. Hafsa Shaik of II Year EEE won Third prize.
- ❖ Ms.B.Thanuja of III Year EEE won second Prize in 'Poster Presentation' competition.
- ❖ Ms.S.Shruthi of III Year EEE won First Prize in 'Paper Presentation' competition.
- ❖ Ms. A.Sucharitha of IV Year EEE won Special Cash Prize for her active participation in all the events.

#### Internships

- ❖ Ms. A.Akshitha, Ms.Ch.Manjula, Ms.G.Prasanna, Ms.M.Indusri have undergone an internship with a stipend of Rs.15,000 pm in FreyrEnergy services.
- ❖ Ms.A.Keerthana has undergone an internship with a stipend of Rs.21,000 pm in Ernst & Young.

- ❖ Ms.B.Aishwarya has undergone an internship in IIC Technologies.
- ❖ Ms.B.Neha, Ms.G.Nikitha, Ms. N. Shreekruthi, Ms. M.Keerthi, Ms. N.Mythri, Ms. N.Swetha, Ms. Sofia Tahreem, Ms. S.Aakanksha have undergone an internship with a stipend of Rs.10,000 pm in LTIMindTree.
- ❖ Ms.D.Shriya, Ms.M.Keerthana have undergone an internship with a stipend of Rs.30,000pm in State Street.
- ❖ Ms.G.Jenny Praise has undergone an internship with a stipend of Rs.1,10,000 pm in Amazon.
- ❖ Ms.K.Manaswini has undergone an internship with a stipend of Rs.15,000pm in DST technologies PVT. LTD.
- ❖ Ms.M.Smithika has undergone an internship in Intense technologies limited.
- ❖ Ms.N.Ramya has undergone an internship with a stipend of Rs.15,000pm in Insoftware private limited.
- ❖ Ms. Sk. Fareeda has undergone an internship with a stipend of Rs. 12,000pm in Cognizant Technologies.
- ❖ Ms.T.Swathi Sri, Ms.J.Meghana, Ms.J.Niharika, Mahenoora Tabasum, Ms. CH.Ankitha have undergone an internship with a stipend of Rs.12,000pm in Jackson Ltd.
- ❖ Ms.N.Vaishnavi has undergone an internship with a stipend of Rs.22,000pm in Micron Technologies.
- ❖ Ms. Paankuri Gupta has undergone an internship with a stipend of Rs.15,500pm in World wide Technologies.
- ❖ Ms.P.Priyanka has undergone an internship with a stipend of Rs.18,000pm in Homecrop.
- ❖ Ms.P.Priya has undergone an internship with a stipend of Rs.21,200pm in EY India.
- ❖ Ms. P.S.Sahasra Vaishnavi has undergone an internship with a stipend of Rs.15,000pm in Uni string Tech Solutions Pvt Ltd.
- ❖ Ms. P.Akhila, Ms. V.Juhitha have undergone an internship with a stipend of Rs.10,000pm in Qualizeal.
- ❖ Ms.T.Shivani, Ms. G. Chandana, Ms. G.Gayathri have undergone an internship with a stipend of Rs.30,000pm in WabTech Corporation.

#### Student Achievements

- ❖ Ms.K.Lavanya successfully completed an NPTEL course on 'Problem Solving Through Programming in C'
- ❖ Ms.B.Thanuja of III Year EEE won First Prize in 'Poster Presentation' competition, IGNIUM.
- ❖ Ms. B.Sowmya of III Year EEE won Second Prize in 'Poster Presentation', IGNIUM ISTE.
- ❖ Ms.B.Deekshitha Goud of III Year EEE won Second Prize in 'Project Expo' conducted by IGNIUM ISTE and has reached to National Level in 'NASA Space App hackathon' Conducted by ICELL.
- ❖ Ms.G.Vennela reached to National Level in 'NASA Space App hackathon' Conducted by ICELL.
- ❖ Ms.K.Geethanjali of III Year EEE won first Position in 'Technoshort', IGNIUM.
- ❖ Ms.Tejasri, Ms.Sri Varsha, Ms.P.Sri Laxmi of III Year EEE won First Prize in Kho-Kho conducted in VIGNAN Engineering college and VJIT.
- ❖ Ms.Tejasri, Ms.SriLaxmi won second Prize in Kho-Kho in sports event conducted in VIT-AP.
- ❖ Ms.A.Amulya of II Year EEE won Third Prize in 'Paper Presentation' event conducted by IGNIUM and was certified in 'ICICC 22 -Robotics innovation to incubation -Distributed data analytics on secure enclaves -The key to energy's



future'.

- ❖ **Ms.V.Sreeja, Ms.B.Anvitha** of II Year EEE won First Prize in 'Paper Presentation' conducted by IGNIUM.
- ❖ **Ms.S.Shruthi** of III Year EEE won the title 'Best Delegate(UNSC)' in **MLRITMUN 2022** and received Certificate of Appreciation from ABHAYA women safety club of GNITS.
- ❖ **Ms.N.Snehitha** received Certificate of Appreciation for her role as Event Chair for Samskruthi team, WILC - student chair of fashion show, WILC- student deputy chair of women in arts, Cultural Team- SILVER JUBILEE CELEBRATIONS GNITS.

#### Courses done by Students

- ❖ **Ms.S.Shruthi, Ms.S.Ujwala** completed a course on Web Development 101-Getting started with JavaScript from PupilFirst.

#### Placements details

S.No	Name of the Organization	No. of Students Placed in the organization	Pay Package in LPA
1	Carrier Corporation	4	15
2	Optum	5	10
3	Micron	3	10

4	Statestreet	3	9
5	Delloite	23	7.6
6	Accenture	7	6.5
7	EY India	5	6
8	Stellantis	1	6
9	United Breweries	1	6
10	Ford (Product Development)	1	6
11	PWC	5	5
12	Dextara	1	5
13	Alstom	1	4.8
14	TorryHarris	1	4.5
15	Anblicks	1	4.5
16	CapGemini	23	4.25
17	DXC Technology	22	4.2
18	Prodapt	15	4
19	MindTree	19	4
20	Cognizant GenC	27	4
21	Infosys	4	3.6
22	Freyr Energy Services	3	2.4

#### Academic Toppers

II B.Tech, EEE-A II Year I Sem.



Ms.K.Girija  
SGPA 9.805



Ms. G.Akshaya  
SGPA 9.512



Ms.A.Kavya  
SGPA 9.512



Ms.B.Ganga  
Aashritha  
SGPA 9.463



Ms.D.Sreeja  
SGPA 9.463



Ms.K.Shreya  
SGPA 9.39



Ms.B.Sai Anvitha  
Reddy  
SGPA 9.171



Ms.T.Tejasree  
SGPA 8.902

II B.Tech, EEE-B II Year I Sem.

III B.Tech, EEE-A III Year I Sem.



Ms.K.Bhavana  
SGPA 9.85



Ms.K.SriVarsha  
SGPA 9.7



Ms.K.SaiDeepthi  
SGPA 9.7



Ms.L.Mounika  
SGPA 9.25



Ms.G.NagaMallika  
SGPA 9.45



Ms.P.Vaishnavi  
SGPA 9.45



Ms.P.Mounika  
SGPA 9.3



Ms.R.Shreya  
SGPA 9.3



Ms.Faiza  
Tabassum  
SGPA 9.05

III B.Tech, EEE-B III Year I Sem.

IV B.Tech, EEE-A IV Year



Ms.B.Vaishnavi  
Raj  
SGPA 9.71



Ms.K.Varsha  
SGPA 9.49



Ms.K.Devayani  
Chakravarthi  
SGPA 9.47



Ms.K.Supraja  
SGPA 9.73



Ms.M.Keerthana  
SGPA 9.63



Ms.T.Shivani  
SGPA 9.58



Ms.K.Shara  
SGPA 9



Ms. O. Anusha  
SGPA 8.94



Ms.A.Deepika  
SGPA 8.25

I M.Tech. I Year I Sem

#### Antidote Club of GNITS – Powered by GradRight

Faculty Ambassador GradRight – Mr. B. Srikanth Reddy, Asst. Professor, ECE

Faculty Advisor, Antidote – Mrs. V. Jahnavi, Sr. Asst. Professor, H&M

Student Ambassador – Ms Meghana Reddy, 2<sup>nd</sup> Year B. Tech., ECE

GNITS has signed an MoU with GradRight that helps students with their study Abroad plans. The Antidote Club, powered by GradRight, is started with the aim of guiding the final year B. Tech., M. Tech students and the GNITS Alumni in selecting the right program and the University and in assisting them with their educational loan for studies abroad. Inaugural of the Club, Session on Education Loan, Master Class on SoP Writing, and Alumni Interaction are the events that were held by the club.

Inaugural of Antidote Club – Mr.Sasidhar Sista, Co-founder-GradRight and Dr. K Ramesh Reddy, Principal-GNITS, Mrs.V.Jahnavi, Mr.B.Srikanth Reddy, Faculty Coordinators and the Student Coordinators Planning for master's abroad by ourselves under the guidance of Mr. Phanindra, Lead-Student Success-GradRight, and Mr. V.L Narasimham Rajana, Lead-Policy and Strategy- GNITS

Interaction with alumnae who got admitted into Universities in the US



# Electronics & Telematics Engineering

Dr. Rajkumar L. Biradar, Professor & Head

**Dr. Rajkumar L. Biradar** received the Master Degree in Communication Systems from Visvesvaraya Technological University, Belgaum - India in the year 2004 and Ph.D. in Image Processing from the same university in the year 2014. Having more than 20 years of experience in the teaching field, his primary area of investigation is Signal, Image Processing and Communication Systems. He successfully guided 4 Ph.Ds. He is the BOS member for ETE Department of GNITS, ECE Department of PDACE and JBIET Colleges. He has published around 50 research papers in reputed international journals and conferences. He has won the **Best paper award** for the paper entitled '**Wavelet Domain Texture Inpainting Based on Mean Absolute Error**' in International Conference on Emerging Trends in Electrical, Electronics and Communication Technologies-ICECIT- 2012, organized by SRIT, Anantapur & ELSVIER. He also won the **Gold Certificate** for the paper entitled '**Texture Inpainting using Statistical Parameters in Wavelet Domain**' in International Conference on Communications, Signal Processing, Computing and Information Technologies-2014 organized by MRCET and IEEE Hyderabad Section.

## Department Vision

Imparting quality technical education in the field of Electronics and Telematics Engineering for women empowerment.

## Department Mission

- ❖ To emerge as a Centre of Academic Excellence in Electronics and Telematics Engineering to face the challenges in the field of information and communication technologies.
- ❖ To create the Educational Environment which enables the students for life long learning.
- ❖ Imparting value based education for women empowerment.

## Program Educational Objectives (PEO's)

**PEO 1:** Graduates will excel in professional careers in Industry and academics that fulfill the needs of Information and Communication Technology (ICT).

**PEO 2:** Graduates will be able to work with advanced technologies relevant to Electronics and Telematics Engineering.

**PEO 3:** Graduates will be able to work in diversified teams of multidisciplinary environment to gain engineering breadth.

**PEO 4:** Graduates will exhibit all-round education that includes communication skills, ability to work well in a team, an awareness of ethical values and to engage in lifelong learning.

## Department Highlights

1. **43** students of 2019-2023 batch have been placed in various MNCs like JPMC, Micron, Optum, Deloitte, EY India, PWC, Franklin Templeton, Accenture, Torry Harris, Capgemini, DXC, Mindtree, Infosys, Prodapt, TCS, Freyr Energy Services through campus placements. Highest package offered was **17.75 lakhs** by **JPMC**.



A. Anusha  
19251A1701



D. Sai Anusha  
19251A1718



N. Abhigna  
19251A1746

2. Signed an MoU with **Sri Mudra Techno Pvt Ltd., Hyderabad** to coordinate and collaborate in academic activities pertaining to customized training programs, workshops and industrial visits for the students.

## Newly Joined Faculty

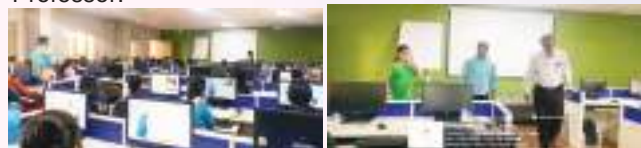
**Ms. A. Rajitha**, Asst. Professor

**Ms. N. Ratna Deepthika**, Asst. Professor

**Ms. G. Rohini**, Programmer

## Workshops Conducted

1. A 3 day Hands-on Workshop on '**Machine Learning**' from 9/5/23 to 11/5/23 coordinated by **Dr. A. Naveena**, Asst. Professor.



2. A Pre-Conference Workshop on '**IoT Based Real Time Application using Raspberry**' conducted by GNITS in collaboration with E & ICT Academy, NITW on 16/11/22 coordinated by **Dr. A. Naveena**, Asst. Professor. **Mr. B. Srinivasa Reddy** was the resource person who is Sr. Embedded Engineer- R&D, **Sri Mudra Techno Pvt Ltd.**



## Faculty Achievements

1. **Dr. K. Rama Linga Reddy**, Professor & Dean, Academics successfully guided 5 Ph.Ds from JNTUH.
2. **Dr. Rajkumar L. Biradar**, Professor & HOD successfully guided 4 Ph.Ds from VTU, Belgavi.
3. **Dr. T. Sunitha**, Asst. Professor awarded Ph.D from GITAM University, Visakhapatnam.
4. **Dr. P. Sree Sudha**, Asst. Professor awarded Ph.D from JNTU Hyderabad.
5. **Dr. A. Naveena**, Asst. Professor received '**Best Research Paper**' award for the research paper '**A Deep learning based Approach for power minimization in multi-carrier NOMA with SWIPT**' in 3rd International Conference on Engineering, Social-Sciences and Humanities (ICESSU-2023), March, 2023.
6. **Mr. V. Vikas**, Asst. Professor and **Mr. A. Chandra Shaker**, Asst Professor received Special Appreciation Award for their contribution in Hackathons on account of Silver Jubilee Celebrations.
7. **Dr. P. Sreesudha**, Asst Professor has been recognized as '**NPTEL Discipline Star**' in Computer Science and Engineering, July-Dec 2022.
8. **Mr. A. Chandra Shaker**, Asst. Professor has been recognized as '**NPTEL Discipline Star**' in Computer Science and Engineering, July-Dec 2022.



9. **Mr. A. Chandra Shaker**, Asst. Professor received certification of appreciation from NPTEL as a Mentor for [Introduction to Industry 4.0 and Industrial Internet of Things](#) course in Dec 2022.
10. **Ms. A. Sneha Keerthi**, Asst. Professor received certificate of appreciation from NPTEL as a Mentor for [Digital Circuits](#) course in Dec 2022.
11. **Dr. P. Sree Sudha**, Asst. Professor got 100% pass percentage in 4GT of IV B.Tech II Sem.
12. **Dr. T. Sunitha**, Asst. Professor got 100% pass percentage in VLSID of III B.Tech I Sem.
13. **Ms. M. Jyothsna**, Asst. Professor got 100% pass percentage in ADC of II B.Tech II Sem.
14. **Ms. K. Pranathi**, Asst. Professor, **Dr. P. Sreesudha**, Asst. Professor, **Dr. M. Vijaya Lakshmi**, Asst. Professor, **Mr. G. Krishna Reddy**, Assoc. Professor got 100% pass percentage in AWN, WMC, CTT & MC of M. Tech I Sem.

#### Faculty Publications

##### Journals

1. **Dr. K. Rama Linga Reddy**, Professor published a paper on 'A novel diffusivity function-based image denoising for MRI medical images' in [Multimedia Tools and Applications](#), ISSN No.: 1573-7721, Mar, 2023.
2. **Dr. K. Rama Linga Reddy**, Professor published a paper on 'AlexNet-NDTL: Classification of MRI brain tumor images using modified AlexNet with deep transfer learning and Lipschitz-based data Augmentation' in [Int J Imaging Syst Technol.](#), ISSN No.: 1573-7721, Mar, 2023.
3. **Mr. G. Krishna Reddy**, Assoc. Professor published a paper on 'Analysis of PAPR and BER reduction in MIMO-OFDM using Hybrid Moth Flame-Improved Firefly Algorithm' in [International Journal of Intelligent Engineering & Systems](#), ISSN No.: 2185-3118, Aug 2022.
4. **Dr. A. Naveena**, Asst. Professor published a paper on 'A Novel Intelligent Channel Estimation Strategy for the 5G Wireless Communication Systems' in [Wireless Personal Communications \(SCI Indexed\)](#), ISSN No.: 1572-834X, 0929-6212, April, 2023.
5. **Dr. A. Naveena**, Asst. Professor published a paper on 'Analysis of real time weather monitoring system using thingspeak' in [Annals of Forest Research](#), ISSN No.: 1844-8135, Nov 2022.
6. **Dr. A. Naveena**, Asst. Professor published a paper on 'An optimized deep networks for securing 5G communication system' in [Cluster Computing \(SCI Indexed\)](#), ISSN No.: 1386-7857, Nov 2022.
7. **Dr. A. Naveena**, Asst. Professor published a paper on 'A heuristic deep feature system for energy management in wireless sensor network' in [Wireless Networks \(SCI Indexed\)](#), 10220038, 15728196, Nov 2022.
8. **Dr. M. Vijaya Lakshmi**, Asst. Professor published a paper on 'A Novel Intelligent Channel Estimation Strategy for the 5G Wireless Communication Systems' in [Wireless Personal Communications \(SCI Indexed\)](#), ISSN No.: 1572-834X, 0929-6212, April, 2023.
9. **Dr. M. Vijaya Lakshmi**, Asst. Professor published a paper on 'A Survey on Channel Estimation in mmwave Massive MIMO Systems' in [International Journal of Science and Innovative Engineering & Technology](#), ISSN No.: 978-93-81288-22-1, Sep 2022.
10. **Dr. P. Sreesudha**, Asst. Professor published a paper on 'Design of Space-Time Coded Multi-Carrier CDMA System based on Metaheuristic Optimization Algorithms' in

[International Journal of Engineering Trends and Technology](#), ISSN No.: 2231 – 5381, Oct 2022.

11. **Ms. V. Anitha**, Asst. Professor published a paper on 'A 12-element 360° azimuth plane scanning circular antenna array for THz wireless devices' in [Wireless Networks \(Web of Science\)](#), ISSN No.: 1572-8196, Nov 2022.
12. **Ms. V. Anitha**, Asst. Professor published a paper on 'THz Imaging Technology Trends and Wide Variety of Applications: a Detailed Survey' in [Plasmonics](#), ISSN No.: 1557-1963, Jan, 2023.

#### Conferences

1. **Dr. K. Rama Linga Reddy**, Professor presented a paper on 'A General Regression Neural Network based Blurred Image Restoration' in 2022 Fourth International Conference on Emerging Research in Electronics, Computer Science and Technology (ICERECT), March 2023.
2. **Mr. G. Krishna Reddy**, Assoc. Professor presented a paper on 'BER Analysis of MIMO-OFDM System using STBC and V-BLAST' in 3<sup>rd</sup> International Conference on Smart Electronics and Communication (ICOSEC), Nov 2022.
3. **Dr. A. Naveena**, Asst. Professor presented a paper on 'A Deep learning based Approach for power minimization in multi-carrier NOMA with SWIPT' in 3<sup>rd</sup> International Conference on Engineering, Social-Sciences and Humanities (ICESSU-2023), March, 2023.
4. **Dr. A. Naveena**, Asst. Professor presented a paper on 'Estimation of Doubly-Selective Channel in FBMC-OQAM and OFDM Systems' in 6<sup>th</sup> International Conference on Intelligent Computing and Communication (ICICC-22), Nov 2022.
5. **Dr. M. Vijaya Lakshmi**, Asst. Professor presented a paper on 'Channel Estimation of mmwave Massive MIMO Systems using Large Intelligent Surfaces' in 12<sup>th</sup> International Advanced Computing Conference (IACC-2022), Dec 2022.
6. **Dr. P. Sreesudha**, Asst. Professor presented a paper on '5G Vehicular Network Resource Management for Improving Radio Access Using CNN, LSTM, AND DNN' in International Conference on Computer, Cybernetics and Education (ICCCE-23), Feb 2023.
7. **Mr. V. Vikas**, Asst. Professor presented a paper on 'Machine Learning based Security Enhancement in 5G Edge Deployment' in 2<sup>nd</sup> International Conference for Advancement in Technology (ICONAT), Jan 2023.
8. **Ms. M. Jyothsna**, Asst. Professor presented a paper on 'Performance Enhancement of MIMO-OFDM System Using Different Equalization Techniques' in International Conference on Recent Engineering and Technology 2021 ICRET-2021, Nov 2022.

#### Workshops/FDP's/Online Courses attended by Faculty

1. **Mr. G. Krishna Reddy**, Assoc. Professor, **Dr. A. Naveena**, Asst. Professor, **Ms. K. Pranathi**, Asst. Professor, **Ms. D. Jayavani**, Lab Assitant attended a workshop on '5G NOMA Communications' organized by CVR College of Engineering, Hyderabad from 12/8/22 to 13/8/22.
2. **Mr. G. Krishna Reddy**, Assoc. Professor, **Dr. T. Sunitha**, Asst. Professor, **Ms. A. Sneha Keerthi**, Asst. Professor has attended online NPTEL FDP on 'Introduction to Machine Learning' from 25/7/22 to 16/9/22.
3. **Mr. N. Rama Krishna**, Asst. Professor attended an online NPTEL FDP on 'Introduction to Programming in C' from 23/1/23 to 17/3/23.
4. **Mr. N. Rama Krishna**, Asst. Professor attended a workshop on 'Embedded RTOS' organized by Arm Education and NIELIT Calicut from 13/2/23 to 10/3/23.

5. **Mr. N. Rama Krishna**, Asst. Professor attended an FDP on 'Raspberry Pi and its Interfacing' organized by NITTTR, Chandigarh from 27/2/23 to 3/3/23.
6. **Mr. N. Rama Krishna**, Asst. Professor successfully completed a refresher course on 'Crash Course on Python' authorized by Google and offered through Coursera on 14/1/23.
7. **Mr. N. Rama Krishna**, Asst. Professor attended an FDP on 'Inter-personal Skills and Relationship Management' organized by NITTTR, Chandigarh from 19/12/2022 to 23/12/22.
8. **Mr. N. Rama Krishna**, Asst. Professor attended a workshop on 'Code Quality and Codeless Automation' on 26/11/22.
9. **Mr. N. Rama Krishna**, Asst. Professor attended an FDP on 'Cyber crime and Forensic Tools' organized by NITTTR, Chandigarh from 8/5/23 to 12/5/23.
10. **Mr. N. Rama Krishna**, Asst. Professor attended a Conference on 'AWSOME DAY' on 29/9/22.
11. **Mr. N. Rama Krishna**, Asst. Professor attended an online NPTEL FDP on 'Design Thinking – A Primer' from 22/8/22 to 16/9/22.
12. **Dr. A. Naveena**, Asst. Professor attended an FDP on 'Innovative Teaching Strategies and Tools in the Digital Age' organized by Sai Aurobindo Institute of Pharmacy, Indore from 8/5/23 to 14/5/23.
13. **Dr. A. Naveena**, Asst. Professor, **Dr. M. Vijaya Lakshmi**, Asst. Professor, **Dr. T. Sunitha**, Asst. Professor attended an FDP on 'AI/ML for Computer Vision and Medical Image Analysis Applications' organized by E&ICT Academy, NITW and Dept. of ECE, BVRIT Hyderabad from 3/12/22 to 12/12/22.
14. **Dr. A. Naveena**, Asst. Professor, **Dr. P. Sreesudha**, Asst. Professor attended an online NPTEL FDP on 'Cloud Computing' from 25/7/22 to 14/10/22.
15. **Dr. A. Naveena**, Asst. Professor, **Mr. A. Chandra Shaker**, Asst. Professor, **Ms. A. Sneha Keerthi**, Asst. Professor, **Ms. K. Pranathi**, Asst. Professor attended an FDP on 'Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified Learners in Technical Education' organized by E&ICT Academy, NITW and Dept. of ECE, BVRIT Hyderabad from 22/8/22 to 1/9/22.
16. **Dr. A. Naveena**, Asst. Professor attended an FDP on 'Data Science for Engineering Applications: Theory and Practice' from 11/7/22 to 20/7/22.
17. **Dr. M. Vijaya Lakshmi**, Asst. Professor attended an online NPTEL FDP on 'Essential Mathematics for Machine Learning' from 25/7/22 to 14/10/22.
18. **Dr. P. Sreesudha**, Asst. Professor has attended 'STTP on Alumni Leadership Program' organized by Vaave from 24/2/23 to 27/2/23.
19. **Dr. P. Sreesudha**, Asst. Professor, **Mr. A. Chandra Shaker**, Asst. Professor has attended an online NPTEL FDP on 'Introduction to Industry 4.0 and Industrial Internet of Things' from 25/7/22 to 14/10/22.
20. **Ms. V. Anitha**, Asst. Professor has attended an online NPTEL FDP on 'Programming in Java' from 25/7/22 to 14/10/22.
21. **Ms. V. Anitha**, Asst. Professor has attended an FDP on 'Research Methodology and Authoring, Reviewing Manuscripts' organized by Academics from 22/7/22 to 5/8/22.
22. **Ms. V. Anitha**, Asst. Professor has attended a conference on 'ATMS-2022' from 21/7/22 to 23/7/22.
23. **Mr. V. Vikas**, Asst. Professor attended an online NPTEL FDP on 'Systems and Usable Security' from 23/1/23 to 17/2/23.
24. **Mr. V. Vikas**, Asst. Professor attended a workshop on 'Designing and Modelling of IoT, AI & ML Systems' organized by AICTE, ATAL Academy, Arm Education and STMicroelectronics from 1/8/22 to 5/8/22.
25. **Mr. A. Chandra Shaker**, Asst. Professor has completed a Refresher course on 'Complete Guide to Freelancing in 2022: Zero to Mastery' on 22/9/22.
26. **Mr. A. Chandra Shaker**, Asst. Professor attended a conference on 'AWS INNOVATE' from 23/8/22 to 25/8/22.
27. **Ms. M. Jyothsna**, Asst. Professor attended an online NPTEL FDP on 'Principles of Signal Estimation for MIMO/OFDM Wireless Communication' from 25/7/22 to 14/10/22.
28. **Ms. M. Jyothsna**, Asst. Professor attended an online NPTEL FDP on 'Principles and Techniques of Modern Radar Systems' from 25/7/22 to 14/10/22.
29. **Ms. M. Jyothsna**, Asst. Professor has completed a Refresher course on 'The Complete Machine Learning Course with Python' by Udemy on 28/7/22.
30. **Ms. A. Sneha Keerthi**, Asst. Professor, **Ms. K. Pranathi**, Asst. Professor, **Ms. D. Jayavani**, Lab Assistant attended a workshop on 'IoT Based Real Time Applications using Raspberry Pi' organized by Department of ETE, GNITS on 16/11/22.
31. **Ms. A. Sneha Keerthi**, Asst. Professor, **Ms. K. Pranathi**, Asst. Professor attended an FDP on 'AI and Machine Learning in Biometric Recognition' from 16/8/22 to 25/8/22.
32. **Ms. K. Pranathi**, Asst. Professor attended an FDP on 'Cyber Security' organized by JNTUH from 2/12/22 to 3/12/22.
33. **Ms. K. Pranathi**, Asst. Professor attended a conference on 'ICICC-22' from 18/11/22 to 19/11/22.
34. **Ms. K. Pranathi**, Asst. Professor attended an SSTP on 'Certified Embedded Software Engineer' organized by NIELIT and was certified on 10/10/22.
35. **Ms. K. Pranathi**, Asst. Professor attended an FDP on 'MATLAB and SIMULINK basics for Hardware Projects' organized by NITTTR, Chandigarh from 1/8/22 to 5/8/22.
36. **Ms. C. Saraswathi**, Lab Assistant completed an online course on 'Arduino vs Raspberry Pi' organized by Great Learning on March 2023.
37. **Ms. C. Saraswathi**, Lab Assistant, **Ms. D. Jayavani**, Lab Assistant, **Ms. K. Subhashini**, Lab Assistant attended a 2 day workshop cum training on 'Practical Embedded Systems' organized by Department of ECE, GNITS from 6/2/23 to 7/2/23.
38. **Ms. C. Saraswathi**, Lab Assistant, **Ms. D. Jayavani**, Lab Assistant, **Ms. K. Subhashini**, Lab Assistant attended a 2 day workshop on 'Hands on Practice of Domestic Appliances' organized by Department of Electrical and Electronics Engineering, GNITS from 20/2/23 to 21/2/23.
39. **Ms. C. Saraswathi**, Lab Assistant, **Ms. D. Jayavani**, Lab Assistant, **Ms. K. Subhashini**, Lab Assistant attended a 2 day workshop on 'Effective Communication Skills at Workplace' organized by Discipline of English, Department of Humanities and Mathematics from 8/2/23 to 9/2/23.
40. **Ms. C. Saraswathi**, Lab Assistant, **Ms. D. Jayavani**, Lab Assistant attended 2-day workshop on 'Python Programming' organized by Department of CSE, GNITS from 24/2/23 to 25/2/23.
41. **Ms. K. Subhashini**, Lab Assistant completed an online course on 'Java Programming' organized by Great Learning on March 2023.



## Technical Associations in the Department

### TELESTORM ETM Technical Association



**President**  
**Dr. K. Rama Linga Reddy**  
Professor, ETE



**Faculty Coordinator**  
**Dr. M. Vijaya Lakshmi**  
Assistant Professor, ETE

**Student Secretary**  
**W. Harshavalli** (III/IV)

Under the aegis of Telestorm, a series of activities were organized for the multifarious development of students.

- ❖ **Pictionary** on 19/10/22:  
**I Prize:** A. Shivani (21251A1761) of II/IV  
**II Prize:** B. Satya Sravani (21251A1735) of II/IV
- ❖ **Debate** on 3/01/2022.  
**I Prize:** Amrutha Varshini (21251A175) of II/IV.  
**II Prize:** M. Deekshitha Varma (21251A1748) of II/IV.
- ❖ **Dumbcharades** on 9/11/22.  
**I Prize:** D. Abhijna (21251A1705) of II/IV.  
**II Prize:** Aasha Madhuri (21251A1714) of II/IV.

- ❖ **Quiz Buckers** on 14/3/23.  
**I Prize:** Deepta (21251A1743), Sindhura (21251A1744), Amrutha Varshini (21251A1755) of II/IV.  
**II Prize:** R. Deekshitha (21251A1754), Mithila (21251A1759) M. Pragya Teja Sri (21251A1760) of II/IV
- ❖ **MAD-AD** on 28/3/23.  
**I Prize:** M. Deekshitha Varma (21251A1748), Anusha (21251A1749) of II/IV.  
**II Prize:** Sri Lakshmi (21251A1713), Siri Reddy (21251A1702) of II/IV.



### Students Achievements

1. **Y. Krupany** (21251A1730) of II/IV got II Prize in **Poster Presentation** conducted by IGNIUM2K22, GNITS held on 26/11/22.
2. **B. Vasavi** (21251A1701) of II/IV got II Prize in **Poster Presentation** conducted by IGNIUM2K22, GNITS held on 26/11/22.
3. **P. Sanjana** (20251A1716) of III/IV got II Prize in **Paper Presentation** conducted by IGNIUM2K22, GNITS held on 26/11/22.
4. **P. Sanjana** (20251A1716), **Y. Neha** (20251A1728) of III/IV got I Prize in **Poster Presentation** conducted by IGNIUM2K22, GNITS held on 26/11/22.
5. **K. Sree Varsha** (19251A1733), **K. Navya Sai** (19251A1734) of IV/IV got II Prize in Project Expo conducted by IETE Student Forum, GNITS.

### GRE/TOFEL/IELTS/GATE scores of 2019-2020 batch students:

**GRE/340:** B. Srikruthi (319), K. Bhargavi (318), Ch. Hemavalli Indrasena (318), Noora Raalah (309), Ch. Lakshmi Hemaswi (303)

**TOFEL/120:** Noora Raalah (104), Ch. Lakshmi Hemaswi (99), Ch. Hemavalli Indrasena (93)

**IELTS/9.0:** T. Sai Meghana (6.5), M Thrisha (6.5)

**GATE:** Noora Raalah (Rank-4500)

### Industrial Visit

45 students accompanied by **Dr. A. Naveena**, Asst. Prof, **Mr. G. Krishna Reddy**, Assoc. Professor and **Ms. C. Saraswathi**, Lab Assistant visited **Ahuja Engineering Services Pvt Ltd.** as a part of Industrial Visit on 22/2/23. In today's scenario **Waste**

**Management** is very essential for sustainable development. Through this industrial visit students got practical exposure on waste management.



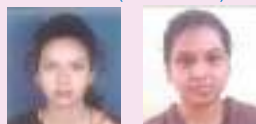
### NPTEL Online Certification Courses in the department by Staff

1. **Mr. G. Krishna Reddy**, Assoc. Professor has successfully completed an NPTEL course on '**Introduction to Machine Learning**' (Elite).
2. **Mr. N. Rama Krishna**, Asst. Professor has successfully completed NPTEL courses on '**Design Thinking – A Primer**' (Elite), '**Code Quality and Code less Automation**', '**Introduction to Programming in C**' (Elite).
3. **Dr. A. Naveena**, Asst. Professor has successfully completed an NPTEL course on '**Cloud Computing**' (Elite + Gold-Top 1%).
4. **Dr. M. Vijaya Lakshmi**, Asst. Professor has successfully completed NPTEL courses on '**Essential Mathematics for Machine Learning**' (Elite), '**Introduction to Machine Learning**' (Elite).
5. **Dr. P Sreesudha**, Asst. Professor has successfully completed NPTEL courses on '**Introduction to Industry 4.0 and Industrial Internet of Things**' (Elite + Silver), **Cloud Computing** (Elite), **Computer Architecture and Organization**, '**Foundation of Cloud IoT Edge ML**' (Elite + Silver), **Embedded Systems Design**.

## Academic Toppers

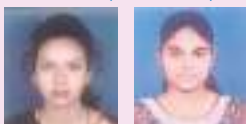
### B.Tech

#### IV-II Sem(2019 Batch)



Sheela Sangeetha (19251A1753) SGPA – 9.85  
Adiraju Lalitha (19251A1704) SGPA - 9.7

#### IV-I Sem(2019 Batch)



Sheela Sangeetha (19251A1753) SGPA – 9.47  
B Shashitha (19251A1708) SGPA – 9.42

#### III-II Sem (2019 Batch)



Sheela Sangeetha (19251A1753) SGPA – 9.7  
B Shashitha (19251A1708) SGPA – 9.4  
Madaguni Veena (19251A1741) SGPA – 9.4

#### II-I Sem (2020 Batch)



B.Sahithi (20251A1705) SGPA- 9.7  
M.Akhila (20251A1712) SGPA- 9.65  
S.Vathsalya (20251A1753) SGPA- 9.65

#### II-II (2020 Batch)



B.Sahithi (20251A1705) SGPA- 9.71  
S.Vathsalya (20251A1753) SGPA- 9.27

#### II-I (2021 Batch)



B Satya Sravani (21251A1735) SGPA: 9.37  
K.Sai Sreshtha (21251A1756) SGPA: 9.12

#### I - II Sem (2021 Batch)



K.Deepta (21251A1743) SGPA: 9.95  
R.Amrutha Varshini (21251A1755) SGPA: 9.42

### M.Tech

#### III Sem (2021 Batch) II Sem (2021 Batch)



C Anisha (21251D6502) SGPA – 8  
C Anisha (21251D6502) SGPA – 9.16

#### I Sem (2022 Batch)



Venkata Nagamani Reddi (22251D6502) SGPA – 9.5  
Barira Qureshi (22251D6503) SGPA – 9.22

6. **Ms. V. Anitha**, Asst. Professor has successfully completed an NPTEL course on '**Programming in Java**' (Elite + Gold).
7. **Mr. A. Chandra Shaker**, Asst. Professor has successfully completed NPTEL courses on '**Introduction to Industry 4.0 and Industrial Internet of Things**' (Elite + Silver- Top 1%), '**Foundation of Cloud IoT Edge ML**' (Elite + Gold- Top 5%).
8. **Mr. V. Vikas**, Asst. Professor has successfully completed an NPTEL course on '**Systems and Usable Security**' (Elite + Silver).
9. **Ms. M Jyothsna**, Asst. Professor has successfully completed an NPTEL course on '**Principles of Signal Estimation for MIMO/OFDM Wireless Communication**' (Elite +Gold).
10. **Ms. A Sneha Keerthi**, Asst. Professor has successfully completed an NPTEL course on '**Introduction to Machine Learning**' (Elite + Silver-Top 5%).

### NPTEL Online Certification Courses in the department by Students

1. **Bommagani Vasavi** (21251A1701), **Ch Siri Reddy** (21251A1702) successfully completed an NPTEL Course on '**The Joy of Computing using Python**'.
2. **Donthula Aashritha** (20251A1731), **Arshiya** (20251A1733) and **Ambati Bala Vijaya Nirmala** (20251A1702), **Kunta Nikitha Reddy** (21251A1716) successfully completed an NPTEL Course on '**Programming in Java**'.

### Online Courses attended by students

1. **Yerragunta Krupany** (21251A1730) completed a course on '**IP Awareness/Training Program**' organized by Intellectual Property Office, India on 17/6/22.
2. **Bommagani Vasavi** (21251A1701), **S. Supriya** (21251A1726), **Yerragunta Krupany** (21251A1730), **Kalali Chethana** (21351A1765) completed a Value Added Course on '**Professional Development**' organized by GNITS & Teenzclap Futureworks from May -September 2022.
3. **Shahnaz Sakina** (21251A1757) completed a course on '**Basics of Python**' organized by edyst on 26/9/22.
4. **M. Pragya Teja Sri** (21251A1760) completed a course on '**Python for Beginners Bootcamp**' organized by Microsoft Learn Student Ambassador.
5. **M. Pragya Teja Sri** (21251A1760) completed a course on '**Python for Beginners**' organized by Google Developer Student Clubs.

6. **Mucharla Akhila** (20251A1712), **Thatipalli Sowmya** (20251A1724) completed a course on '**IP Awareness/ Training Program**' organized by Intellectual Property Office, India on 17/6/22.
7. **Thippani Jyoshna** (20251A1725), **Arshiya Syed** (20251A1733), **Devaragatla Ramyasri** (20251A1706), **Pujitha Mandava** (20251A1709), **Aishwarya Rao** (20251A1731) completed a course on '**Basics of Python**' organized by edyst.
8. **Devaragatla Ramyasri** (20251A1706), **Mucharla Akhila** (20251A1712), **Myadam Harika** (20251A1713) completed a course on '**Basics of Java**' organized by edyst.
9. **Aishwarya Rao** (20251A1731), **Arshiya** (20251A1733), **Ambati Bala Vijaya Nirmala** (20251A1702) completed a course on '**Programming in Java**' organized by from July – October 2022.
10. **Thatipalli Sowmya** (20251A1724) completed a course on '**SQL**' organized by SKILL SLASH on 6/11/22.
11. **Srividya Utla** (20251A1756) completed a course on '**C# (Basic)**' organized by HackerRank on 7/12/22.
12. **Srividya Utla** (20251A1756) completed a course on '**Problem Solving (Basic)**' organized by HackerRank on 7/12/22.
13. **Srividya Utla** (20251A1756) completed a course on '**Java (Basic)**' organized by HackerRank on 7/12/22.
14. **Aishwarya Rao** (20251A1731) completed a course on '**SQL (Basic)**' organized by HackerRank on 4/1/23.

### Internships/workshops

1. **Noora Raalah** (19251A1747) has undergone an internship in **International Institute of Information Technology** in the area of CVEST.
2. **59** students attended a Pre-Conference Workshop on '**IoT Based Real Time Application using Raspberry**' organized by Department of ETE, GNITS on 16/11/2022.
3. **50** students attended a 3 day Hands-on Workshop on '**Machine Learning**' from 9/5/23 to 11/5/23.
4. **Yerragunta Krupany** (21251A1730) attended a workshop on '**Resume Building**' organized by Microsoft Learn Student Ambassador.
5. **Bommagani Vasavi** (21251A1701), **M.Pragya Tejasri** (21251A1760) attended a workshop on '**Forza – Entrepreneurship Development and Funding Opportunities**' organized by Entrepreneurship Development Cell, GNITS on 21/11/22.





## Information Technology

Dr. S. Ramacharan, Professor & Head

**Dr. S. Ramacharan** is working as Professor & Head of the Department in Information Technology (IT) department in G.Narayanamma Institute of Technology and Science (GNITS). He received B. E in Computer Science and Engineering from Gulbarga University in the year 1997, M.Tech in Computer Science and Engineering from JNTU Kakinada in 2007 and Ph.D in Computer Science and Engineering in the area of Software Engineering in April 2017 from Jawaharlal Nehru Technological University, Hyderabad

He has vast teaching experience of **25 years**, working in **GNITS** for **23 years 6 months** previous worked in Vasavi College of Engineering (**1998-2000**). He has published **30 papers** in National & International such as LNSE Journal, ACM journal, IEEE conference proceedings. He has act as Technical committee member for **16** international Conferences and Editorial board member of 5 international journals. And He is a member of professional bodies like ISTE, CSI.

### Department Vision

- ❖ To build a prime transformative learning community that responds swiftly to the challenges of Information Technology.

### Department Mission

- ❖ To foster an intellectual environment that delivers virtuous Information Technocrats with commitment to industry and society by strengthening the logical, analytical and applicative skills to excel academically and professionally.
- ❖ To inculcate good communication skills in students and introduce them to various codes of professional practices for carrying out effective team collaborations and project management in the field of IT.

### Program Educational Objectives (PEOs)

- ❖ **PEO 1:** Providing students with a compelling foundation in Engineering and Basic Sciences that will further help them conduct investigations of complex problems.
- ❖ **PEO 2:** Applying Scientific and Engineering methodologies using modern tools and techniques in the analysis, design, implementation and evaluation of information in the field of IT.
- ❖ **PEO 3:** Promoting lifelong learning and help students aim for higher education and evolve as successful Engineers in the society.
- ❖ **PEO 4:** Inculcating strong communication skills, ethics and various codes of professional practices useful in performing effective project management & team collaborations and enable them to sustain and excel in various environments.

### Department Highlights

- ❖ IT Department has 7 faculty with Ph.D s, 12 faculty pursuing Ph.Ds. and 17 faculty with M.Tech.
- ❖ 7 Computer Centers with 350 Systems.
- ❖ Department has signed 9 MoUs with various companies.
- ❖ 104/120 students of 2019-23 batch have been placed with an average package of around 7.5 Lakhs.
- ❖ Established an incubation center Deep loop in Augmented Reality/ Virtual Reality.
- ❖ Established new lab 'Centre of Excellence-Cyber Security' on 08/03/23.



- ❖ Two Consultancy projects are ongoing in the dept.
- ❖ Department has applied total 6 national patents in IPR.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor delivered a guest lecture on '**Technical Paper Writing & Selecting Quality Journals for Publication**' in Research Methodology course at JNTUH on 15/10/22.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor acted as **Steering Committee Chair**, **Dr.V.Surpiya**, Assoc.Prof as **Organizing Committee Member**, **Dr.V.Sesha Bhargavi** and **Dr.A.Vijaya Krishna**, Asst.Prof. as **Session Chair** in the **6<sup>th</sup> International Conference on Intelligent Computing and Communication (ICICC-22)**, conducted by G.Narayanamma Institute of Technology and Science on 18/11/22 & 19/11/22.
- ❖ **Dr.V.Supriya**, Assoc.Prof. was represented as delegate in Women in Leadership Conclave conducted as part of International Womens Day Celebrations on 8/3/23 & 9/3/23.
- ❖ **Dr.L.Smitha**, Asst.Prof. acted as Jury for Technical Fest '**Vidh Yourth 3.0**' at Sridevi Womens Engineering College on 5/11/22.
- ❖ **Dr.A.Vijay Krishna**, Asst.Prof. delivered a guest lecture on '**Sensors & Devices**' at Swami Vivekananda Institute of Technology on 15/4/23.
- ❖ **Dr.A.Vijay Krishna**, Asst.Prof. chaired and coordinated the session on '**Data Science and Deep Learning Track**' in the **2<sup>nd</sup> International Conference on Cognitive and Intelligent Computing (ICIC)** held at Vasavi College of Engineering on 27/12/22 & 28/12/22.

### Newly Joined Faculty

- ❖ **Ms.M.Jyothi**, M.Tech, Asst. Prof.
- ❖ **Mr.P.Purushotham**, M.Tech, Asst. Prof.
- ❖ **Ms.D.Sreelakshmi**, M.Tech, Asst. Prof.
- ❖ **Ms.K.Madhavi**, M.Tech, Asst. Prof.
- ❖ **Ms.C.Suguna Devi**, M.Tech, Asst. Prof.
- ❖ **Ms.K.Srilaxmi**, M.Tech, Asst. Prof.
- ❖ **Ms.K.Ramya Sri**, M.Tech, Asst. Prof.
- ❖ **Ms.Ch. Keerthana**, M.Tech, Programmer
- ❖ **Ms.S.Keerthi**, M.Sc, Programmer

### Workshop/Training for Faculty

- ❖ Department of IT, GNITS has trained 30 non-teaching staff of Education Department, Yadadri - Bhuvanagiri district in '**Basic Computer Skills**' from 10/5/23 to 12/5/23 (3 days). In this course, the staff are trained in '**MS-Word, MS-Excel, MS-PowerPoint and e-mail writing skills**'. The training program was conducted in the government Polytechnic College, Yadagirigutta.



- ❖ Conducted an **International Faculty Development Program** on '**Data Analytics using Power BI**' in association with **EXCELR** from 20/3/23 to 24/3/23 and was coordinated by **Dr.S.Ramacharan**, Professor and **Dr.Ch.Ramesh**, Asst. Prof. 150 Faculty Members participated from various institutes.



The Resource Person was **Mr.Ayub Mohammed**, Power BI Developer, Junaati Technologies Pvt. Ltd.



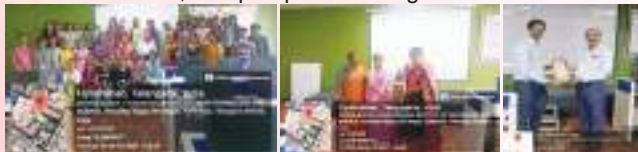
- ❖ Conducted a **3 Day Value added course** on '**Cyber Security & Ethical Hacking**' in association with **Supraja Technologies** from 2/3/23 to 5/3/23 and was coordinated by **Ms.M.Sridevi & Ms.D.Vandana**, Assistant Professors. The Resource Persons were **Mr.Santosh Chaluvadi**, CEO, **Mr.Raghava**, Sr.Security Analyst, **Mr.Surya**, Jr.Security Analyst, **Mr.Siddharth**, Jr.Security Analyst, Supraja Technologies.



- ❖ Conducted a Two-day workshop on '**Python Programming**' for **Non-teaching staff** on 24/2/23 & 25/2/23. It was coordinated by **Ms.V.Usha**, Asst.Prof, IT Dept and **Ms.K.Gnana Prasuna**, Asst. Prof, CSE Dept, GNITS. 28 Non-teaching staff from various department participated in the workshop.



- ❖ Conducted a Pre-Conference workshop on '**Computer Vision for Virtual and Augmented Reality**' on 17/11/22. It was coordinated by **Dr.V.Supriya**, Assoc. Prof, IT Dept. Resource Persons: **Dr.Tilottama Gosmami**, Professor, IT Dept, Vasavi College of Engineering and **Mr.Surya Prakash Kuchimanchi**, Founder & CEO, Deeploop Technologies.

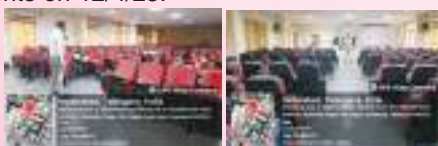


- ❖ IT department has conducted '**NASA International Space Apps Challenge 2022 Boot camp**' on 13/6/22 and 24 hours Hackathon on 18/6/22 in association with **SPACE APPS INDIA**.



#### Workshops/guest lecturers for students

- ❖ Organized a Seminar on '**Exciting Career Opportunities after Engineering**' in association with **EducateNXT**, for II B.Tech students on 12/4/23.



- ❖ Organized a **guest lecture** on '**Building Intelligent vehicle using IoT**' for III B.Tech (IT and CST students) on 28/9/22 by **Stellantis** (Speakers: Zameer Shaik, Rajasekhara Reddy, Ashish Jahangirdar, Sai Sheeva).



- ❖ Organized a **Technical Talk** on '**Machine Learning Concepts**' for III B.Tech students on 24/9/22 by **Dr.G.Surya Narayana**, Associate Professor, Dept. of CSE, Vardhaman College of Engineering, Hyderabad, India.



- ❖ Conducted '**Interaction Session**' with **HOD IT** and final year students **Ms.Tejaswi Pitchuka**, **Ms.Rupasri Ravuri**, **Ms.Ambika Bongirwar** for III B.Tech students on 14/9/22.



- ❖ Organized a seminar on '**Industrial Applications of Internet of things**' for III & IV B.Tech students on 7/9/22 by **Mr.Ravi Subramanyam**, Entrepreneur, Technologist, iBot Control Systems.



#### Faculty Achievements

- ❖ **Dr.I.Ravi Prakash Reddy**, Professor and **Dr.A.Vijaya Krishna**, Asst.Prof. won the best paper award for their paper titled '**A Dependable and Secure Communication Infrastructure for Sensor Networks**' in Intelligent Computing and Communication (ICICC- 22) on 19/11/22.
- ❖ **Ms.S.Vaishnavi**, Asst. Prof. secured topper in **NPTEL Course** and also received **Appreciation Certificate** in recognition of her role as mentor for NPTEL Online Certificate Course on Problem Solving through Programming in C during Jan-Apr-2023.
- ❖ **Ms.Ch.Sravanthi**, Asst. Prof. secured topper in **NPTEL Course - Computer Networks and Internet Protocol** during Jan-Apr-2023. Also NPTEL posted the toppers information on social media with #NPTELGURU.





- ❖ **Ms.Ch.Sravanthi, Ms.A.Nageswari, Ms.P.Pooja Vittal Rao**, Asst. Prof's along with their team members won the **winner title in Throw ball event** in the **X National Level Inter Engineering College Sports Meet for Verve-22** held at G.Narayanamma Institute of Technology and Science on 24/11/22 and **PRATHIYOGITHA 2K22 event** held at Sridevi Women's Engineering College on 2/12/22.



G.Narayanamma Institute of Technology and Science



Sridevi Women's Engineering College

- ❖ **Ms.K.Sridevi**, Asst.prof. has received **Appreciation Certificate** in recognition of her role as mentor for NPTEL Online Certificate Course on '**The Joy of Computing using Python**' during Jul-Dec-2022.
- ❖ **Ms.M.Bhavani**, Asst.Prof. has received **Appreciation certificate from Google Developers** for leading '**Android Educator Program**' as an educator in GNITS for the academic Year 2022-2023.
- ❖ **Ms.D.Vandana**, Asst.Prof. received **Gold Certificate** from C-DAC for Training of Trainers program on Cyber Security Essentials under Future Skills PRIME Program- Feb-2023.
- ❖ **Ms.D.Vandana**, Asst.Prof. has successfully completed **AICTE - National Initiative for Technical Teachers Training** (NITTT-8 modules), Feb-2023.
- ❖ **Ms.A.Nageswari**, Asst. Prof. secured State I Rank in **APRCET-2022**.
- ❖ **Ms.P.Mounika**, Asst.Prof. received **Wipro Certified Faculty Program** award for participating in the training Program on Java Stack Conducted by TalentNext from 23/1/23 to 10/2/23.



#### Faculty Publications (Book Chapter)

- ❖ **Dr.I.Ravi Prakash Reddy**, Professor published a book chapter titled '**Rapid Phrase Search Technique in Cloud Data (Using Bloom Filter Technique)**', in **LAMBERT Academic Publishing**, Dec-2022.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor and **Ms.PN.Ramya**, Asst.Prof. published a book titled '**E-Voting System using Blockchain Technology**', in **LAMBERT Academic Publishing**, ISBN-13: 978-620-5-63368-7, EAN: 9786205633687, 24/01/23.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor and **Dr.S.Prabavathy**, Assoc.Prof published a book chapter titled '**Exploring the dichotomy on opportunities and challenges of Smart Technologies in Healthcare Systems**' in **Edge-of Things in Personalized Healthcare Support Systems (Cognitive Data Science in Sustainable Computing)**, Jun-2022, Elsevier.
- ❖ **Ms.K.Sridevi**, Asst.Prof published a book titled '**Local Vendor Connect**' in **LAMBERT Academic Publishing**, ISBN-13: 978-620-6-18463-8, Jun-2023.

#### Faculty Publications (Journals)

- ❖ **Dr.Ch.Ramesh**, Asst.Prof. published a paper titled '**Intelligent Automated Traffic Management System**' in **ZKG International Journal**, ISSN: 2366-1313, Vol-VII, Issue-I, Jun-2022.

- ❖ **Dr.A.Vijaya Krishna**, Asst.Prof. published a paper titled '**Prediction of Seed Germination Quality Utilizing Ensemble-Based Precision Forming**' in **International Journal of Intelligent Engineering & Systems**, ISSN: 2185-3118, Scopus, Jun-2023.
- ❖ **Ms.Ms.V.Usha**, Asst.Prof, published a paper titled '**Energy efficient service placement in fog computing**' in **PeerJ Computer Science**, ISSN: 2376-5992, Jul-2022.
- ❖ **Ms.K.Sridevi**, Asst.Prof., published papers titled 1) '**Analyzing Quetlet Index from Facial Features**' in **International Journal of All Research and Scientific Methods**, ISSN: 2455-6211, Volume11, Issue 5, May-2023. 2) '**LBABC: Distributed controller load balancing using artificial bee colony optimization in an SDN**' in **Peer-to-Peer Networking and Applications**, ISSN: 1936-6450, Feb-2023, SCIE (Springer).
- ❖ **Ms.M.Bhavani, Ms.P.Mounika**, Asst.Prof's., published a paper titled '**A Novel Model Selection Framework for Forecasting Agricultural Commodity Prices using Time Series Features and Forecast Horizons**' in **International Journal of Scientific Research in Science and Technology**, ISSN:2395-6011, UGC Journal no:64011, Vol-9, Issue-5, Sep-2022, Impact Factor:8.014.
- ❖ **Ms.K.Jayasree**, Asst. Prof., published papers titled 1) '**The Preliminary Scrutiny of the Asylum Unhazardous in Flotation through Internet of Things**' in **Journal of Information and Computational Science**, a UGC-Care Group-II Certified Journal, ISSN No:1548-7741, Vol-13, Issue-2, Impact Factor-6.2, Feb-2023. 2) '**Analysis of DDoS Attacks in Cloud Using Machine Learning**' in **Journal of Xidian University**, a UGC Care Approved Group-2 Journal, ISSN: 1001-2400, Vol-7, Issue-5, May-2023, Impact Factor-5.4.
- ❖ **G.Santhoshi**, Asst.Prof published paper titled '**Development of a Novel block design based key agreement protocol for cloud environment to improve efficient performance and security**' in **International Journal of Scientific Research in Science and Technology**, ISSN:2395-6011, UGC Journal no:64011, Vol-9, Issue-5, Sep-2022, Impact Factor:8.014.

#### Faculty Publications (Conferences)

- ❖ **Dr.I.Ravi Prakash Reddy**, Professor, **Dr.A.Vijaya Krishna**, Asst.Prof. published a paper titled '**Facial Emotion Recognition using Convolutional Neural Networks**' in the **First International Conference on Impending Inquisitions in Humanities and Sciences (ICIHS-2022)**, Nov-2022.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor and **Dr.A.Vijaya Krishna**, Asst.Prof. published a paper titled '**Energy Aware Priority Based Event Routing Protocol Using TDMA Communication for Internet of Things**' in **Wireless Personal Communication**, ISSN: 1572-834X(online) 0929-6212(print), Scopus, Jun-2023.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor and **Dr.A.Vijaya Krishna**, Asst.Prof. published a paper titled '**A Dependable and Secure Communication Infrastructure for Sensor Networks**' in the **6<sup>th</sup> International Conference on Intelligent Computing and Communication (ICICC- 22)**, Nov-2022.
- ❖ **Dr.A.Vijaya Krishna**, Asst.Prof. published a paper titled '**IoT based Smart Agriculture using LIFI**' in **International Conference on Multimedia, Signal Processing and Communication Technologies (IMPACT-2022)**.
- ❖ **Dr.I.Ravi Prakash Reddy**, Professor, **Dr.A.Vijaya Krishna**, Asst.Prof. **Ms.D.Vandana**, Asst.Prof. and **Mr.P.Purushotham**, Asst.Prof. published a paper titled '**High Resolution Image In painting using Generative Adversarial Networks**' in **2<sup>nd</sup>**

International Conference on Cognitive and Intelligent Computing, Dec-2022, Springer.

- ❖ **Dr.V.Supriya**, Assoc.Prof., published a paper titled 'Computing workspot Infection Vulnerability for Sandboxing a Business Process' in 6<sup>th</sup> International Conference on Intelligent Computing and Communication (ICICC-22), Nov-2022.
- ❖ **Ms.Pooja Vitthalrao Phad**, Asst.Prof., published papers titled 1) 'Blockchain-based Conditional Privacy-preserving Authentication Scheme in VANETs' in Multimedia Tools and Application, Springer, Dec-2022. 2) 'Analysis of Artificial Intelligence Enabled Intelligent Sixth Generation (6G) Wireless Communication Networks' in IEEE International Conference on data Science and information System, Jul-2022, 978-1-6654-9801-2, IEEE.

#### Workshops/Seminars attended by Faculty

- ❖ **G.Santhoshi**, Asst. Prof attended '5 day's online international FDP on Data Analyst' at EXCELR on 19/6/23 to 23/6/23.
- ❖ **Dr. S.Ramacharan**, Professor attended 1. '30 hours Live Training Program on ChatGPT' & AI Program at EXCELR on 8/5/23 to 26/5/23.
- ❖ **K.Jayasree**, Asst.Prof. attended '5-days Online International FDP on Data Science and Chat GPT' at KL University on 15/5/23 to 19/5/23
- ❖ **K.Jayasree, G.Santhoshi**, Asst Prof's attended 'FDP on Machine Learning in Big Data Applications and Security Challenges' at MLR Institute of Technology on 24/4/23 to 29/4/23.
- ❖ **M.Jyothi**, Asst.prof attended '20-hours live Training Program on Cloud Fundamentals' at EXCELR on 13/3/23 to 27/3/23.
- ❖ **Dr.S.Ramacharan, S.Vaishnavi, Ch.Sravanthi, B.Vijay Kumar, G.Santhoshi, T.Ammannamma, M.Jyothi**, Asst Prof's attended '5-days online International FDP on Data Analytics using power BI' at GNITS on 20/3/23 to 24/3/23.
- ❖ **Dr. V.Sesha Bhargavi**, Asst.Prof. attended Info-US workshop on 'Artificial Intelligence and data science-2023' at Mahindra University on 17/3/23
- ❖ **M.Sridevi, D.Vandana, K.Jayasree, P.Pooja**, Asst.Prof's have attended '3-day Bootcamp on Ethical Hacking and Cyber Security' at Supraja Technologies on 2/3/23 to 5/3/23.
- ❖ **B.Vijay Kumar**, Asst.Prof. attended '5-days online FDP on AWS (Amazon web services)' at AVS Engineering College on 27/2/23 to 3/3/23
- ❖ **Dr.V.Supriya**, Assoc.Prof. attended 'BIOASIA 2023 Conference' at International Convention Center, Hyderabad on 24/2/23 to 26/2/23.
- ❖ **T.Ammannamma**, Asst.Prof attended '5-day online National FDP on AI/ML/DL' at DRK College of Engineering & Technology on 20/2/23 to 24/2/23.
- ❖ **S.Vaishnavi, T.Aparna, M.Deepthi, D.Vandana**, Asst.Prof's attended 'Cyber Forensics' at Centre of Excellence in Cyber Security, JNTUH on 15/2/23 to 25/2/23.
- ❖ **M.Jyothi**, Asst.Prof attended '1-week FDP on Data science for Engineers' at VNR Vignana Jyothi Institute of Engineering & Technology on 23/1/23 to 28/1/23.
- ❖ **K.Sridevi, M.Bhavani, B.Vijay Kumar**, Asst.Prof's attended '1-week FDP on Cloud computing and its Applications' at G.Pulla Reddy Engineering College on 28/11/22 to 3/12/22.
- ❖ **S.Vaishnavi, M.Deepthi, M.Jyothi**, Asst.Prof's attended 'Pre-Conference workshop on Computer Vision for Virtual and Augmented Reality, 6<sup>th</sup> International Conference on

Intelligent Computing and Communication' at GNITS on 17/11/22.

- ❖ **K.Sridevi**, Asst.Prof attended 'FEP on AI, A Campus Connect Initiative' at Infosys Springboard on 14/11/22 to 18/11/22.
- ❖ **Dr.V.Sesha Bhargavi**, Asst.Prof. attended 'Writing R&D grant proposal for women engineers' at Indian Institute of Technology, Tirupati on 10/11/22 to 11/11/22.
- ❖ **B.Vijay Kumar**, Asst.Prof. attended 'FDP on Amazon web services' at Sridevi women's Engg. College on 22/8/22 to 27/8/22.
- ❖ **K.Sridevi**, Asst.Prof. attended 'Designing and Modelling of IOT,AI,& ML systems' at AICTE, ATAL Academy, Arm Education and STMicroelectronics on 1/8/22 to 5/8/22.
- ❖ **V.Usha**, Asst.Prof. attended 'Current Research trends in computer science' at Krishna University on 4/7/22 to 8/7/22.
- ❖ **M.Sridevi**, Asst.Prof. attended 'Workshop on International and National Patent Drafting & Filing' at T.John Institute of Technology on 23/6/22.
- ❖ **Dr.V.Sesha Bhargavi, M.Sridevi, P.N.Ramya**, Asst.Prof's attended '2-days Hands on workshop on WEB Application Hacking' at IEEE SB GNITS on 20/6/22 to 21/6/22.
- ❖ **D.Vandana**, Asst.Prof attended 'IPR' at NIPAN on 17/6/22.

#### CST

- ❖ **D.Sreelakshmi**, Asst.Prof. attended '1-week FDP on ML in Big Data Applications & Security Challenges' at MLR Institute of Technology on 24/4/23 to 29/4/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'National Webinar on Medical Coding as a Career Opportunity' at Vijaya college of Pharmacy on 15/4/23.
- ❖ **D.Sreelakshmi**, Asst.Prof. attended 'Writing and Presenting a Research Paper' at Erudites on 1/4/23.
- ❖ **D.Sreelakshmi**, Asst.Prof. attended 'FDP on Machine Learning in Big Data Applications and Security Challenges' at MLR Institute of Technology and Science on 24/4/23 to 29/4/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'National Webinar on Medical Coding as a Career Opportunity' at Vijaya college of Pharmacy on 15/4/23.
- ❖ **Dr.A.Vijaya Krishna, P.Purushotham, K.Pavani, D.Sreelakshmi**, Asst.Prof's. attended 'FDP on Data Analytics using power BI' at GNITS on 20/3/23 to 24/3/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'FDP on Recent Trends in Cognitive science' at VNR Vignana jyothi institute of engineering on 13/3/23 to 18/3/23.
- ❖ **D.SreeLakshmi**, Asst.Prof. attended '3-day Bootcamp on Ethical Hacking & Cyber Security' at Supraja Technologies on 02/03/23 to 05/03/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'Workshop on Concept to Product' at Confederation of Indian Industry on 23/02/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'FDP on AWS (Amazon web services)' at EXCELR on 27/2/23 to 3/3/23.
- ❖ **P.Purushotham**, Asst.Prof. attended 'National webinar on Cardinal attributed to nourishment' at Vijaya College of Pharmacy on 23/1/23 to 28/1/23.
- ❖ **D.SreeLakshmi**, Asst.Prof. attended 'FDP on Data Science for Engineers' at VNR VJIT on 23/1/23 to 28/1/23.
- ❖ **K.Pavani**, Asst.Prof. attended 'National workshop on Data processing & Data Analysis' at HI Learn Edutech Institute on 24/1/23 to 26/1/23.
- ❖ **K.Pavani**, Asst.Prof. attended 'Refresher Course on Research opportunities in machine learning & data science' at CVR college on 20/1/23 to 25/1/23.



- ❖ P.Purushotham, Asst.Prof. attended 'Educators Symposium on Values & Spirituality in education for a Better Tomorrow' at Global Peace Auditorium, Brahmakumaris on 7/1/23.
- ❖ P.Purushotham, Asst.Prof. attended 'FDP on Cyber security in service technologies of IOT:Research perspective' at NIT Warangal on 2/1/23 to 6/1/23.
- ❖ K.Pavani, Y.Rajalakshmi, Asst.Prof's attended 'FDP on Recent Trends in computer science' at G.Pulla Reddy Engineering College on 20/12/22 to 24/12/22.
- ❖ K.Pavani, Asst.Prof. attended 'Short term course on Research Methodology' at UGC, JNTUH on 12/12/22 to 17/12/22.
- ❖ P.Purushotham, Asst.Prof. attended 'National level STTP on Application of AI,ML and data science' at KITS on 12/12/22 to 17/12/22.
- ❖ P.Purushotham, Asst.Prof. attended 'Two day Science Academics Lecture workshop in Big Data Analytics and Artificial Intelligence' at G.Pulla Reddy Degree & PG College on 15/12/22 to 16/12/22.

- ❖ P.Purushotham, Asst.Prof. attended 'Programming using JAVA' at Infosys on 6/12/22.
- ❖ Y.Rajalakshmi, K.Pavani, P.Purushotham, Asst.Prof's attended 'FDP on Cloud computing and its Applications' at G.Pulla Reddy Engineering College on 28/11/22 to 3/12/22.
- ❖ P.Purushotham, Asst.Prof attended 'Webinar on NEP-2020 Implementation Plan: Promotion of Indian Knowledge Systems' at UGC, JNTUH on 26/11/22.
- ❖ Dr.A.Vijay Krishna, Asst.Prof attended 'Faculty Enablement Program-Artificial intelligence at Infosys' on 14/11/22 to 18/11/22.
- ❖ P.Purushotham, Asst.Prof attended 'Faculty Enablement Program-Artificial intelligence' at Infosys on 2/11/22 to 09/11/22.
- ❖ Y.Rajalakshmi, K.Pavani, Asst.Prof's attended 'Faculty Enrichment Program' at Mind tree on 30/6/22.



## Activities of Technical Association

TECHNOBOOM is the Technical Association of IT department.

*Faculty Coordinators:*

Ms.K.Jayasree, Asst. Prof.

Ms.K.Sridevi, Asst. Prof.

*Student Coordinators:*

President: A.Manaswini, IV-B.Tech

Vice President: D. Himasri Sai, III-B.Tech

During the academic year 2022-23, 8 technical and 4 non technical events were organized under the department technical association, **Technoboom**. **Traditional day** was celebrated on 25/4/23.

Ms. K.Jayasree, Coordinator of Technoboom presented the annual report. Prizes and certificates were distributed by Dr. I. Ravi Prakash Reddy, Professor, to all the winners of the events conducted. Faculty and student coordinators were complimented with mementos for rendering their services.

### Academic Year 2022-23 (II-SEM)

S.No	Date of Event	Event Name	I Winner	II Winner
1.	1/3/23	Test Your Memory	A Shalini	K Harshini
2.	15/3/23	Coding Contest	G Sankeerthi	A Siri Reddy
3.	29/3/23	Painting Competition	M HemaSree,G Jeevani	K Sai Sreeja, G.Varenaya, A Bhavani, M Anvitha

### Academic Year 2022-23 (I-SEM)

S.No	Date of Event	Event Name	I Winner	II Winner
1	21/9/22	Coding Contest	M Laya Sri	B Charmika
2	12/10/22	Aptitude Test	Mede Sowjanya	P Rishika
3	19/10/22	Pictionary Event	D Sri Sravya, K Manasi	M Anvitha, K Saba Nazneen
4	2/11/22	Technical Quiz	P Swadhika	P Shivani Reddy
5	9/11/22	Find Technology	V Sai Swathi	B Sreeja
6	23/11/22	Technical Crossword	P. Sreeja Reddy	B. Sindhu
7	21/12/22	Blind Coding	Layasri .M	S. Akshitha,B. Laxmi Prasanna
8	28/12/22	Christmas Quiz	M. Jasmita,M. Charanya	C. Sharavya,Challa Tejaswini

### Glimpses of Traditional Day



### NPTEL Courses (Faculty & Students)

- ❖ Ms.Ch.Sravanthi, Asst.Prof. was awarded with ELITE certificate in 1) 'Computer Networks and Internet Protocol' and 2) Intellectual Property Rights and Competition Law NPTEL course during Jan-Apr-2023 and Aug-Oct-2022 respectively.

- ❖ Mr.B.Vijay kumar, Asst.Prof. was awarded with ELITE certificate in 'Compiler Design' NPTEL course during Jan-Apr 2023.
- ❖ Ms.A.Nageswari, Asst.Prof. was awarded with ELITE certificate in 'Discrete Mathematics' NPTEL course during Jul-Oct 2022.
- ❖ Ms.M.Sridevi, Asst.Prof. successfully completed 'Programming Fundamentals using Python' course conducted by Infosys during Oct-2022.
- ❖ Ms.P.N.Ramya, Asst. Prof. successfully completed 'Basics of Python' course at Infosys.

## NPTEL Courses (Students)

### JUL-OCT-2022

S.No.	Reg.No.	Student Name	Name of the NPTEL Course	Award
1	21251A1240	Misha	The Joy of Computing using Python	Elite
2	21251A1225	Sritheja	The Joy of Computing using Python	Elite
3	21251A1267	Amulya G	The Joy of Computing using Python	Elite
4	21251A1209	Challuri Sowmya Reddy	Problem Solving Through Programming In C	Elite+Silver
5	21251A1230	Mansvini Terala	Problem Solving Through Programming In C	Elite+Silver
6	21251A1254	Pasham Shivani reddy	Problem Solving Through Programming In C	Elite+Silver
7	21251A12B4	Machavarapu Hema Sree	The Joy of Computing using Python	Elite+Silver
8	21251A3617	Nishitha Makam	The Joy of Computing using Python	Elite+Silver
9	21251A12C0	Prathapaneni Sravanthi	The Joy of Computing using Python	Elite+Silver
10	21251A12C5	Sanne Sanjana	The Joy of Computing using Python	Elite+Silver
11	21251A1293	P Sreevaishnavi Amukthamalyada	The Joy of Computing using Python	Elite+Silver
12	21251A12C8	Vangoor Nikhitha	The Joy of Computing using Python	Elite+Silver
13	21251A1211	Estari Shivanvitha	The Joy of Computing using Python	Elite+Silver
14	21251A1264	Vadla Jasmin	The Joy of Computing using Python	Elite+Silver
15	21251A12A4	Godugunuri Vashaswi sri	The Joy of Computing using Python	Elite+Silver
16	20251A3609	G krishna Bhargavi	Programming In Java	Elite+Silver
17	21251A3620	Gouthami Reddy	The Joy of Computing using Python	Elite+Silver
18	21251A1206	Bethi Laxmi Prasanna	The Joy of Computing using Python	Elite+Silver
19	21251A1215	Maddi Gayathri	The Joy of Computing using Python	Elite+Silver

### JAN-APR-2023

S.No.	Reg.No.	Student Name	Name of the NPTEL Course	Award	
1	21251A1254	Pasham Shivani reddy	The Joy of Computing using Python	Elite+Silver	
2	22251A1206	D Haneesha	Problem Solving Through Programming In C	Elite+Silver	Topper of 2% in this course
3	20251A3606	D Spandana	Foundation of Cloud IoT Edge ML	Elite+Silver	
4	21251A12B4	Machavarapu Hema Sree	Programming In Java	Elite+Silver	Topper of 5% in this course
5	21251A1209	Challuri Sowmya Reddy	Programming In Java	Elite+Silver	
6	21251A1230	Mansvini Terala	Programming In Java	Elite+Silver	Topper of 1% in this course
7	21251A1256	Patnam Swadhika	Programming In Java	Elite+Silver	
8	22251A1299	Anushka Mamidi	Problem Solving Through Programming in C	Successfully completed	
9	22251A3649	Halavath Jahnvi	Problem Solving Through Programming in C	Successfully completed	
10	22251A1215	Mahitha Maganti	Problem Solving Through Programming in C	Successfully completed	
11	22251A1201	Badramraju vyshnavi	Problem Solving Through Programming in C	Successfully completed	
12	22251A1207	Erukulla Sahithi	Problem Solving Through Programming in C	Successfully completed	
13	21251A1210	SriSravya Dandu	Programming In Java	Successfully completed	
14	21251A12B4	Machavarapu Hema Sree	Programming in Modern C++	Successfully completed	
15	22251A3616	Lingapuram Leena Sri	Problem Solving Through Programming In C	Elite	
16	21251A3623	Pola Rishika	The Joy of Computing using Python	Elite	
17	22251A1229	Vemireddy Sathvika	Problem Solving Through Programming In C	Elite	
18	22251A1204	Bonagiri Shivani	Problem Solving Through Programming In C	Elite	
19	22251A1214	Vaishnavi Karra	Problem Solving Through Programming In C	Elite	
20	22251A1243	Hasikareddy Gade	Problem Solving Through Programming In C	Elite	
21	21251A1284	Divija Murukonda	The Joy of Computing using Python	Elite	
22	21251A1257	Sanjana Pinjarla	Programming In Java	Elite	
23	22251A1221	Punjala Pravalika	Cloud Computing	Elite	
24	22251D7808	Zoya Firdouse	Ethical Hacking	Elite	
25	22251D7809	Naheed Fatima	Ethical Hacking	Elite	



## Students' Achievements

- ❖ **Ms. Swadhika Patnam** (21-1256) won **I prize** with cash prize of **Rs.5000/-** in **C-Language** and **I prize** with cash prize of **Rs.2500/-** in **JAVA Language** in '**Code Prathigna-2023**' A National Level Coding Contest in C,C++, JAVA & PYTHON conducted in ACE Engineering College on 16/6/23.



- ❖ **Ms.Bhavagna Nagiseti** (21-3648), **Ms.Nishitha Makam** (21-3617) from CST department and **Ms.Gayathri Manchikanti** (21-6748) from CSD department won (III prize Rs. 20000) for their Project on '**Be a Savior- Refuse single use plastic for sustainable future .Let's reduce, reuse and recycle**' at Eco championship Hackathon conducted by TS pollution control board on 5/6/23.



- ❖ **Ms.Tejaswi Pitchuka** (19-1242) received '**Young Engineer Award**'-2022.



*Dignitaries with Young Engineer Award Winners 2022*



*Young Engineer Award 2022 was presented to Ms.Tejaswi Pitchuka during Engineer's day Celebrations today.*

- ❖ III B.Tech students **Ms.K.Nikhila** (20-1244) & **Ms.M.Tejaswi** (20-1248) won second prize in **Grand Finale of University Level Short Film Competition** on '**Cyber Security**' at JNTUH on 24/9/22.
- ❖ **Ms.Betha Saraswathi** (19-1205), **Ms.G.Sharanya** (19-1271), **Ms.Kirithi Kalikar** (20-1208), **Ms.Gunti Rohitha** (19-1275) got winner title in the **NASA International Space Apps Challenge 2022 Boot camp** on 13/06/22 and **24 hours Hackathon** on 18/6/22 conducted by IT department in association with **SPACE APPS INDIA**.



- ❖ **International Space Apps Challenge event** at **Chandigarh University**, Chandigarh on 1/10/22 and 2/10/22.
- ❖ Among 30 teams, 3 teams from G.Narayanamma Institute of Technology and Science were selected for the next round of the **International level of hackathon**. The winners will be participating in **International level of Space Apps Virtually**.



- ❖ **Ms.R.Rohitha** (19-1275), **Ms.G. Sharanya** (19-1271), **Ms.Kirithi Kalikar** (20255-1208), **Ms.Betha Saraswathi** (19-1205), **Geetha Krishna** (19-1272), **R.Rupasree** (19-12A4), of IV B.Tech Students met **Mr.K.T.Rama Rao**, Minister of IT of Telangana state on the occasion of **7<sup>th</sup> Anniversary of T-Hub Foundation day** on 5/11/22.



- ❖ **Ms.Laasya Etikala** (19-1228), **Patharlapalli Bahula** (19-1241), **Ms.Tejaswi Pitchuka** (19-1242), received **winner title** along with **Rs.10,000/-** cash prize in **VJ HACKATHON** organized by VNR Vignana Jyothi Institute of Engineering & Technology on 4/11/2022 & 5/11/2022.



- ❖ **Ms.G.Keerthipriya** (20-1242) and **Ms.Thota Nithisha** (21255A1202) got **II prize** for the **Food Dashboard** (web application) in **Anveshana-Idea Pitching Contest** on **Sustainability Development Goals** organized by **i-cell, GNITS** on 20/10/22.



- ❖ **Ms.V. K. Aishwarya Nair** – (20-1259), **Ms.G. Vishalakshi** – (20-1239), **Ms.B. Sahithi** – (20-1204), **A.Sriya Reddy** – (20-1201) members of **Street Cause GNITS** provided stationery such as erasers, pencils, pens, short notebooks, long notebooks to the students studying in the Government Primary school, Surya nagar, Tolichowki on 7/9/22.



- ❖ **Ms.T.Anantha Lakshmi Sravani** (20-3629) received **I prize** in **Throw Ball at National Level Inter Engineering College Sports Fest Tournament AURA-22** in CBIT on 4/11/22.
- ❖ **Ms.Gutha Arthi** (21-12A8) received **I prize** in Sports in **Volley Ball** at **PRAJWALAN-2K22** in Vignan's Institute of Management and Technology for women on 16/6/22.
- ❖ **Ms.Shriya Reddy D** (20-1286) received **II prize** in Basketball, **Silver Jubilee Sports Day** in GNITS on 9/12/22.
- ❖ **Ms.Sanne Sanjana** (21-12C5) received **I prize** in **Maths Pi Rate Inter College quiz Competition on Mathematics and Aptitude** in GNITS on 12/11/22.
- ❖ **Ms.G.Sanjaana** (20-1268) received **II prize** in Poster presentation on **Cybersecurity** in GNITS on 9/11/22.
- ❖ **Ms.Nishitha Makam** (21-3617) received **I prize** in **Creating a portfolio on Portfolio Contest** by GDSC in GNITS on 9/11/22.
- ❖ **Ms.Sanne Sanjana** (21-12C5) received **I prize** in **Independence day quiz** in GNITS on 11/8/22.
- ❖ **Ms.Gutha Arthi** (21-12A8) received **I prize** in **Quiz Competition** in GNITS on 11/8/22.
- ❖ **Ms.Nandula Vyjayanti** (21-3649) received **I prize** in **Literary Musings - A Free Style Writing Competition on Write on the topic - when your pet fish knows to talk and smoke** in GNITS on 23/07/22.
- ❖ **Ms.Thallapally Vaishnavi** (21-3659) received **II prize** in **Techathon IGNIUM 2022** in GNITS on 9/6/22.
- ❖ **Ms.Bhuvanani Vattikonda** (19-1257) received **I prize** in **Hackathon, OWASP Security** in GNITS on 21/6/22.
- ❖ **Ms.Chathurya Kakanuru** (20-3605) received **I prize** in **IGNIUM 2022 - Paper Presentation on Metaverse the Akshaypatra of New Age Medicine** in GNITS on 26/11/22.

### Students Placements and Achievements

- ❖ 104 IT students of 2019-23 batch have bagged placements in various IT Companies till date.
- ❖ **Ms.Ambika Bongirwar** (19251A1207) got placed in **Amazon** with the highest pay package of **Rs.44 Lakhs**.
- ❖ **Ms.Rupasri Ravuri** (19251A12A4) got placed in **Adobe** with a pay package of **Rs.42 Lakhs**.
- ❖ **Ms.Tejaswi Pitchuka** (19251A1242) got placed in **Flipkart** with a pay package of **Rs.32.57 Lakhs**.
- ❖ **Ms.Mehak Jain** (19-1223), **Ms.Rupasree** (19-12A4) got placed in **ServiceNow** with the pay package of **Rs.33.56 Lakhs**.
- ❖ **Ms.Niharika** (19-1212), **Ms.Kavya** (19-1219), **Ms.Sharanya** (19-1271), **Ms.Ayushi** (19-1264), **Ms.Harshitha** (18-1230), **Ms.Radha Kalyani**(19-1293), **Ms.Geetha** (19-1272) got

placed in **JPMC** with pay package of **Rs.17.75 Lakhs**.

- ❖ **Ms.Aishwarya Dhande** (19-1202) got placed in **Experian** with the pay package of **Rs.15.25 Lakhs**.
- ❖ **Ms.Lavanya** (19-1208) got placed in **Career Corporation** with the pay package of **Rs.15 Lakhs**.
- ❖ **Ms.Sai Preethi Polu** (19-1249) got placed in **Visat** with the pay package of **Rs.14.6 Lakhs**.
- ❖ **Ms.J.Sarasija Sharma** (19-1277), **Ms.Madhulika Erukulla** (19-1233) got placed in **Providence Global Center** with pay package of **Rs.13 Lakhs**.
- ❖ **Ms.Mounika Tandlay** (19-1255) got placed in **Informatica** with the pay package of **Rs.13Lakhs**.
- ❖ **Ms.Sai Tejaswini Kommidi** (19-1285), **Narayanam Ratna Sai Vaishnavi** (19-1296) got placed in **Health Edge** with the pay package of **Rs.12 Lakhs**.

### Internships

#### Internships (M.Tech)

S.No	Name of the Student	Roll No	Name of the Company
1	Swetha Macherla	21251D7801	Centre for Development of Advanced Computing
2	Syeda Labeeba hasan	21251D7803	Supraja Technologies
3	Nimra Mohammed Abdul	22251D7802	Amazon
4	Naheed Fathima	22251D7809	Neumetric

#### Paid Internships (B.Tech)













Sl.No	Name of the Student	Roll No	Name of the Company	Area of Internship	Package
1	Aishwarya Dhande	19251A1202	Experian	Software engineering Intern	40,000
2	Ambika Bongirwar	19251A1207	Amazon	Software Development Engineer Intern	80,000
3	Dabbeti Tejaswi	19251A1209	Cognizant	Full stack Java developer	15,000
4	Dasari Lavanya	19251A1210	Ericsson	Software developer	25000
5	Niharika Dugyala	19251A1212	JPMorgan Chase & Co.	SEP intern	70000
6	Madhulika Erukulla	19251A1213	Providence Global Center	Service Engineer	40,000
7	Faiza Fatima	19251A1214	Delloitte	Das intern	25,000
8	Kamaneeya Kadari	19251A1221	AB-inbev	Celonis	30,000
9	Kadari Sahithya	19251A1222	Cognizant	Software Engineer	15000
10	Kondam Abhinaya	19251A1225	AT&T	Technical intern	45000
11	Kondapalli Sony Mahalaxmi	19251A1226	Mindtree	Graduate engineer trainee	20,000
12	Laasya Etikala	19251A1228	Micron	Associate Data Engineer	22000
13	Lokineni Sai Kavya	19251A1229	J.P.Morgan Chase and Co	Full stack developer	70,000
14	M.Pooja Reddy	19251A1231	Attic		16,000
15	Nagulapelli Shreya	19251A1235	Deloitte	Business solution analyst - Full stack development	25000
16	Bahula Patharlapalli	19251A1241	Kisai	Backend developer	30,000
17	Tejaswi Pitchuka	19251A1242	JP Morgan Chase	Software Engineer Program Intern	70000
18	Ramadugu Sowmya	19251A1247	Verisk	Software engineer	30000
19	Sai Preethi Polu	19251A1249	Viasat	Software Engineer intern	22,000
20	Surya Pavani Vadali	19251A1253	Deloitte	RPA developer	25,000
21	Tandlay Mounika	19251A1255	Informatica	Backend developer in R&D cloud.	30,000
22	Jayasri Udavath	19251A1256	L&TMindtree	Graduate Engineer trainee	20,000
23	Vanamala Viswa lekha	19251A1259	Deloitte	C# developer	25,000
24	Varsha Myadam	19251A1260	Micron Technology	Developer	22000
25	Achintya Prathikantam	19251A1261	GenepowRx	Data science intern	18000
26	Ayushi Verma	19251A1264	JP Morgan Chase & Co.	Fullstack developer	70,000
27	Chathurya Chamala	19251A1265	AT&T	Technical trainee	45000
28	C. Suchitha Reddy	19251A1267	State Street	Process Excellence Office	30000
29	D S Naga Yasaswini	19251A1268	State Street	Software Engineer	30000
30	D S Naga Yasaswini	19251A1268	State Street	Software Engineer trainee	30000
31	Vinayasree Doonuru	19251A1269	State Street	Associate	26,000



32	Fathima Sumreen	19251A1270	QriteeQ	Data Analyst	35,000
33	G. Sharanya	19251A1271	JPMC	Software Engineering	70,000
34	Geetha krishna Gururu	19251A1272	JPMC	Software Engineering intern	70000
35	Gunti Rohitha	19251A1275	State Street	Trainee	30000
36	J SARASIJA SHARMA	19251A1277	Providence	Service engineer	40000
37	Tanmayee Kambhampati	19251A1281	Pegasystems	System Architect Intern	25,000
38	Kanuganti Srijana	19251A1282	Micron	Associate Software Engineer	22000
39	Kolipaka Harikha	19251A1284	Micron	Associate Data engineer	22000
40	Lingallu Pranaya Geetha	19251A1287	Anblicks Cloud company	Data Engineer	5000
41	M.Aishwarya	19251A1288	Deloitte	Full stack developer	25,000
42	Mogalli Nohitha	19251A1290	Anblicks	data engineer	5000
43	N. Radha Kalyani	19251A1293	JPMC	Software Engineer trainee	70000
44	N. Radha Kalyani	19251A1293	JPmorgan Chase And Co.	Software Engineer trainee	70000
45	P. Akshara Reddy	19251A1297	Colruyt group India	data management intern	20,000
46	Peruru Ananya	19251A1298	Deloitte USI	Data analyst	25000
47	Rachakonda.SaiSri	19251A12A1	V-SIAH	UI/UX Intern	16000
48	Deeksha Ravula	19251A12A3	Ford		15,000
49	Sake Niharika	19251A12A7	Eklavya innovative solutions Pvt Ltd	lot developer	6000
50	Shaik Aiesha Sidiqa	19251A12A9	Micron	Full stack developer	22000
51	THUMU LOHITHA	19251A12B4	State Street	Software Engineer trainee	30000
52	VOLAM MEENAKSHI	19251A12B9	Pega systems	System architect intern	25000
53	Shivani Naikoti	20251A1222	Servicenow	Developer	70000
54	Keerthipriya Gunda	20251A1242	DigiQuanta	Software engineer	10000
55	Laya Sri Mariseti	20251A1250	J P morgan and chase	Full stack developer	70,000
56	V. K. Aishwarya Nair	20251A1259	Supraja Technologies	Vulnerability assessment and penetration testing	NA
57	Shriya Reddy D	20251A1286	Providence	Service Engineer Intern	40000
58	Sirisha Reddy Anireddy	20251A1287	JP Morgan Chase and Co.	Software engineering intern	70,000
59	Vegesna Harshitha	18251A1230	JP Morgan Chase and Co.	Back end	70,000

## Academic Toppers














### B.Tech (IT) I-SEM (Academic Year 2020-21)

IV-B.Tech					III B.Tech		II B.Tech				
I topper					I topper	II topper	I topper	II topper			
											
Kondam Abhinaya (9.7)	Vegesna Harshitha (9.57)	Ciddenki Suchitha Reddy (9.57)	Geetha Krishna Gururu (9.57)	Ravuri Rupasri (9.57)	Mekala Jyothsna (9.85)	Potala Mohini (9.65)	Patnam Swadhika (10)	Maccha Pravalika (9.85)	Kaparathi Sai Sreeja (9.85)	Prathapaneni Sravanthi (9.85)	Sanne Sanjana (9.85)

### B.Tech (CST)

#### I-SEM (Academic Year 2022-23)

#### II-SEM (Academic Year 2022-23)








III-B.Tech		II-B.Tech		I topper				IV-B.Tech		II topper		
I topper	II topper	I topper	II topper	I topper				I topper		II topper		
												
D Hima Sri Sai (9.7)	Gorrepati Veda Rishitha (9.35)	Nandula Vyjayanti (9.7)	Vidhi R Shah (9.5)	Dhannaram Shivani (9.85)	N Radha Kalyani (9.85)	Ravuri Rupasri (9.85)	Sunkesula Divya Sree (9.85)	Lokineni Sai Kavya (9.7)	Mamilla Hemika (9.7)	Paka Jayamadhuri (9.7)	G Sharanya (9.7)	Thurupu Laxmi Sowgandhika (9.7)

### M.Tech (CNIS) Toppers

#### I-M.Tech II-Sem (2021-22)

#### I-M.Tech II-Sem (2022-23)

#### II-M.Tech I-Sem (2022-23)

I topper		I topper		I topper		II topper	
							
M Jahnvi (9.6)	Macherla Swetha (9.05)	Neda Fatima (9.7)	Naheed Fatima (9.5)	Macherla Swetha (9.2)	M Jahnvi (8.6)	Munazza Khan (8.6)	

### M.Tech (CNIS) Student publications

Student Reg. No. & Name	Title	Journal / Conference	ISSN & Date
20251D7801 Achi Shailaja	Detection of Malicious Social Bots Using Machine Learning With URL Features in Twitter Network	International Journal for Innovative Engineering and Management Research	ISSN: 2456-5083, January-23
20251D7802 Annepally Akhila Reddy	Identification of Weed and Crops using Convolutional Neural Network	The International Journal of Analytical and Experimental Modal Analysis	ISSN: 0886-9367, Vol-XIV, Issue-XI, November 2022
20251D7804 Barkam Pranava Kumari	Method for Continuous Integration and Deployment for Corporate tax Compliance Using Jenkins	3 <sup>rd</sup> International Conference on Advances in Science, Engineering & Management(ICASEM-2022)	18 <sup>th</sup> -19 <sup>th</sup> November 2022
20251D7805 K Thaufiq Banu	Detecting, Analyzing and Evaluation of Vulnerabilities using Metasploitable	2 <sup>nd</sup> International Conference on Cognitive and Intelligent Computing(ICCIC)	27-28 December 2022
20251D7807L Vaishnavi	Content management of Website Using Full Stack technologies	International Conference on Industrial Engineering Journal	ISSN:0970-2555 Volume 15 Issue 11, Oct-22
20251D7809 Ramagiri Usha Rani	A Secure Approach for Safe maintenance of Legal Data in Multi Cloud Architecture	3 <sup>rd</sup> International Conference on Advances in Science, Engineering & Management(ICASEM-2022)	18 <sup>th</sup> -19 <sup>th</sup> November 2022
20251D7810 Ramsha Farheen	Possession of remote Data Protocol Check for Evaluating Cloud Storage Efficiency	3 <sup>rd</sup> International Conference on Advances in Science, Engineering & Management(ICASEM-2022)	18 <sup>th</sup> -19 <sup>th</sup> November 2022
20251D7811 Sana Hafeez	Privileged Access Management	3 <sup>rd</sup> International Conference on Advances in Science, Engineering & Management(ICASEM-2022)	18 <sup>th</sup> -19 <sup>th</sup> November 2022
20251D7812 Hallapelli Tejasri	A framework for E-Auction Scheme Using Hyper ledger Fabric	ICAISC2022-International Conference on Recent Advancements in Artificial Intelligence and Soft Computing.	02,03 Dec-2022
20251D7813 Umme Ayesha Samreen	Intelligent Monitoring and Analyzer for Plants System	2 <sup>nd</sup> International Conference on Cognitive and Intelligent Computing(ICCIC)	27-28 Dec-2022

### GNITS NPTEL LOCAL CHAPTER

**Faculty Coordinator:** Dr. K. Ragini, Professor, ECE dept. **Department coordinators:** Dr.M.Madhavi Lata, Assoc. Prof., H&M Dept., Dr.K. Syamala Devi, Assoc. Prof., BS Dept., M. Lakshmi, Asst. Prof., ECE Dept., D.Naga Swetha, Asst. Prof., CSE Dept., A.Chandra Sekhar, Asst. Prof., ETM Dept., T. Ammannamma, Asst. Prof., IT Dept., Y. Priyanka, Asst. Prof., EEE Dept. GNITS NPTEL Centre has been recognized as Active local chapter for July-Dec 2022 and Jan-April-2023 by [National Programme on Technology Enhanced Learning](#) (NPTEL). NPTEL Online Courses completed by students and faculty of all departments during July—Dec 2022 and Jan-Apr 2023 have been mentioned below.

July—Dec 2022	Present	Elite Gold	Elite Silver	Elite	Completed Successfully	Participation
	153	05	96	35	11	169
Jan-Apr 2023	Present	Elite Gold	Elite Silver	Elite	Completed Successfully	Participation
	179	2	36	67	52	186

NPTEL DISCIPLINE STARS for July-Dec 2022 and Jan-April-2023 are mentioned below

#### NPTEL Discipline Stars for July -Dec 2022

S.No	Roll Number	Name	Dept	Star	Timeline
1.	NPTELSS22205101163	Chandra Shaker Arrabotu	ETE	NPTEL_DISCIPLINE_STAR	Jul-Dec 2022
2.	NPTELSS22205101166	Chilupuri Anusha	ECE	NPTEL_DISCIPLINE_STAR	Jul-Dec 2022
3	NPTELSS22205101520	P Sreesudha	ETE	NPTEL_DISCIPLINE_STAR	Jul-Dec 2022

#### NPTEL Discipline Stars for Jan-Apr 2023

S.No	Roll Number	Name	Department	Star	Timeline
1.	NPTELSS22205101163	Renuka Devi S M	ECE	NPTEL_DISCIPLINE_STAR	Jan-Apr 2023
2.	NPTELSS22205101166	Vadde Radha Krishna	ECE	NPTEL_DISCIPLINE_STAR	Jan-Apr 2023
3.	NPTELSS22205101166	Divya Devarajan	ECE	NPTEL_DISCIPLINE_STAR	Jan-Apr 2023



# FACULTY DEVELOPMENT PROGRAM

## Department Coordinators

Dr.M.Madhavi Lata, Assoc. Prof., H&M Dept. A.Chandra Sekhar, Asst. Prof., ETM Dept.  
 Dr.K. Syamala Devi, Assoc. Prof., BS Dept. T. Ammannamma, Asst. Prof., IT Dept  
 M. Lakshmi, Asst. Prof., ECE Dept. Y. Priyanka, Asst. Prof., EEE Dept.  
 D.Naga Swetha, Asst. Prof., CSE Dept.

## Faculty Coordinator

Dr. K. Ragini  
 Professor, ECE dept.



1) GNITS in Association with Electronics & ICT Academy, NIT Warangal conducted an Online Professional Development Program on 'Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified Learners in Technical Education' from 22<sup>nd</sup> August to 01<sup>st</sup> September 2022. Around 65 participants registered for the Professional Development Program. Eminent Resource persons from IIT's and NIT's delivered the lectures.

The aim of this PDP is to acquaint the faculty with ICT tools and their usage in the teaching-learning process and to redefine the role of the teacher from a mere information provider to a facilitator of learning.



Fig-1: Online Professional Development Program on 'Mentoring Pedagogy Techniques for Enriched Learning Experience to Diversified Learners in Technical Education'

2). The Distinguished Chair Professor Fellowship is awarded by AICTE to our Institute, with an objective of motivating and inspiring students/faculty by utilizing the expertise of highly qualified and experienced superannuated professionals who have made unparalleled, exceptional professional contribution to the society in their respective field/discipline.

In this context, An Eminent Professor, Dr. Timothy Gonsalves, Former Director, IIT Mandi visited our college on 9<sup>th</sup>, 10<sup>th</sup> and 11<sup>th</sup> Nov' 22. Series of Lectures were planned by FDP Team during his visit for Faculty and students in Main seminar hall. Over 300 students and 80 faculty members attended the program with great interest.

The topics covered during the lecture sessions were:

- 1) The Path to Innovation
- 2) Key Insights in Computer Networking
- 3) The Evolution of Engineering Education
- 4) Design of Concurrent Software
- 5) The Promise and Perils of Data Science.



Fig-2: FDP by Dr. Timothy Gonsalves, Former Director, IIT Mandi.

3). FDP cell of G. Narayanamma Institute of Technology and Science (for Women), Shaikpet, Hyderabad organized a Guest Lecture on 'Successful Teaching Learning Strategies in Technical Education – A Practical Approach' by Prof. Y.V.S.S.V. Prasada Rao on 20<sup>th</sup> January, 2023 from 1:30 PM to 4:00 PM in IT Seminar Hall, GNITS. This guest lecture was organized to provide awareness to faculty on successful strategies in the teaching learning process. Speaker Prof. Y.V.S.S.V. Prasada Rao spoke on the role of teacher and importance of using lecture plan, comprehension, question and answer sessions, etc. to improve teaching learning process. He also spoke about the importance of teaching learning strategies like blended learning, peer teaching, contextual learning. Faculty members participated in this guest lecture with great enthusiasm. Around 41 faculty members attended the workshop with great interest.



Fig-3: FDP on 'Successful Teaching Learning Strategies in Technical Education – A Practical Approach' by Prof. Y.V.S.S.V. Prasada Rao





## Humanities & Mathematics

Dr. M. Madhavi Lata, Assoc. Prof. & Head

**Dr. M. Madhavi Lata**, Associate Professor of Mathematics joined GNITS in 2001. She heading the Department of Humanities and Mathematics from 1<sup>st</sup> July 2023. She did her M.Sc. in Mathematics from NIT, Warangal in the year 2000. She did her Ph.D. from JNTUK, Kakinada in 2011. Her area of research is **Operations Research-Inventory Models**. She has ten research publications and one book publication to her credit. One Ph.D. has been awarded under her guidance. She applied for SERB research project and is awaiting further evaluation. She served as NSS Program Officer for 9 years. She has taken various administrative responsibilities at both the department level and institutional level. She has an enriching experience in teaching Mathematics and conducted various workshops such as '**Fourier Transforms and its Applications**', '**Mathematics in Engineering Research and Industry 4.0**'. She is a member of various associations including ORSI, IEEE, IEANG, WASET. As a member of the Board of Studies, **Dr. Madhavi Lata** made significant contribution in designing new subjects in Mathematics like '**Introduction to Data Analytics**', '**Business Analytics**', '**Mathematical Foundations in Data Science**', '**Statistical Foundations in Data Science**' and '**Transform Techniques and Applications**'. She is a recipient of '**Best Women Researcher**' award by SSRN.

### Department Highlights

#### ❖ **Tick Your Life Right, With Purpose**



'**Tick Your Life Right, With Purpose**' was conducted by **Mr. Prakash Kanumuri**, Peak Performance Life Skills Trainer and a Mindset Coach on the importance of finding purpose in life. The first part of the session was sharing of the personal journey of two eminent life skill coaches - **Dr. Nadeemuddin**, Former International Hockey Player and Sports influencer and **Dr. Parvin Lasania** Medical Doctor, Health and Wellness Lifestyle Coach, Counseling Psychologist and Inner Child Healer followed by advocating activities and exercises to the participants as to how every individual is entitled with the innate potential to identify their purpose in life and drive themselves to excel in their field of interest.

#### ❖ **Effective Communication Skills At Work Place**

A Two Day workshop on '**Effective Communication Skills at Work Place**', was conducted by the discipline of English. The workshop was organized on 8<sup>th</sup> and 9<sup>th</sup> February, 2023 in the Communication Skills lab and coordinated by **Ms. Himabala Budaraju**, Asst. Prof. of English. English faculty members such as **Dr. P Aparna**, **Ms. V. B. Sangeetha**, **Ms. Ashalatha**, **Dr. N Ramesh** conducted sessions for the non-teaching staff on various aspects such as '**Telephone Etiquette**', '**Communication at the Workplace**' and '**Incorrect Use of Vocabulary**'.

#### ❖ **Self Marketing and Branding & Corporate Etiquette**



One day Workshop on '**Self Marketing and Branding & Corporate Etiquette**' was conducted on 12<sup>th</sup> May 2023, by the Dept of Humanities and Mathematics, GNITS in collaboration with **Mr. Rishi Kapal**, Stanford LEAD, Alumni Director, Teenzclap Future Works.

This workshop was conducted for the third year BSPC (Behavioural Skills and Professional Communication) students of all branches. Resource persons **Mr Harshit Gupta** from Growth Acad & **Mr Anurag Upadhyay** spoke on Branding and how students could do better in their corporate lives. It was a workshop which challenged the students to work on themselves for professional growth in future

#### **Newly Joined Faculty**

- Ms. N. Gayathri, Asst. Prof. of Mathematics
- Mr. D. Swamy, Asst. Prof. of Mathematics
- Ms. Arya Mohan, Asst. Prof. of English

#### **Workshops/Seminars Organised**

- ❖ **Dr. M. Aparna**, Assoc. Prof. of Mathematics was the Co-Coordinator, for the workshop on '**Relevance of Humanities & Mathematics in the Context of Industry 4.0**' organized by the Department of Humanities and Mathematics, GNITS, from 02/12/23 to 02/12/23.
- ❖ **Dr. S. Vasundhara**, Asst. Prof. of Mathematics acted as/organized:
  1. Organizing Committee Member for 6<sup>th</sup> **International Conference on Intelligent Computing and Communication (ICICC 2022)** 18<sup>th</sup> – 19<sup>th</sup> November, 2022.
  2. Conducted and coordinated one-day Pre-Conference '**Workshop On & Distributed Data Analytics On Secure Enclaves (ICICC-2022)**' on 19 November 2022.
- ❖ **Himabala Budaraju**, Asst. Prof. of English was the coordinator, of the two-day workshop on '**Effective Communication Skills at Workplace**' organized by the English discipline Department of Humanities and Mathematics, GNITS, from 08/2/23 to 09/2/23.
- ❖ **R Elizabeth Kavita**, Asst. Prof. of English was the Programme Coordinator, for One Day Workshop conducted on 12/5/2023 for Open Elective Course (BSPC) on '**Self Marketing and Branding & Corporate Etiquette**', organized by the Dept. of Humanities and Mathematics, GNITS, in collaboration with Teenzclap Future Works.
- ❖ **Aswani R Jeevan**, Asst. Prof. of English was a member of the organising committee of the Two-Day Multidisciplinary Online National Conference on '**Embodied Identities: The**



'Body in Cultural Spaces' organised by the Forum for Research in English, Centre for Advanced Studies and Research in English Language and Literature, Department of English, Farook College (Autonomous), Calicut, on 21 & 22 February 2023.

#### Faculty Achievements

- ❖ **Dr.M.Aparna**, Assoc. Prof. of Mathematics, received the 'Best Academician Award' for the year 2022 from International Journal for Innovative, Engineering and Management Research (JIEMR-ELSEVIER SSRN RESEARCH).
- ❖ **Dr. S. Vasundhara**, Asst. Prof. of Mathematics Received 'Third Best Paper Award' for the paper titled 'Machine Learning Applications-Supervised Learning' in 1<sup>st</sup> 'International Conference on Advanced Optimization Techniques And Applications (AOTA - 2023)' organized by Ramgarh Engineering College, Jharkhand in collaboration with Sultan Moulay Slimane University, Morocco & City University, Malaysia, during 21<sup>st</sup> and 22<sup>nd</sup> January, 2023.
- ❖ **Dr. S. Vasundhara**, Asst. Prof. of Mathematics Guided seven students to attend the National level competition ISTE-SRMC 2022-2023 (Indian Society for Technical Education (ISTE) New Delhi National Level Srinivasa Ramanujan Mathematical Competitions 2022-23 (SRMC 2022-23)). Students won both Level2& level 3.
- ❖ **V. B. Sangeetha**, Asst. Prof. of English successfully submitted PhD thesis on the topic 'Teachers' Role in Maximising Opportunities of Call to Enhance Language Proficiency of Engineering Students to JNTU-H.
- ❖ **Anupama Venugopal**, Asst. Prof. of English has the following achievements:
  1. Registered for Ph.D at NIT Warangal in August 2022.
  2. Received the 'Best Paper Presenter Award' for the paper titled 'Exploring the Impact of Incorporating Design Thinking Approaches in English Classrooms to Enhance the 21st Century Skills of Engineering Students' at Research and Industrial Conclave –RIC 23 at IIT Guwahati from 14-16 May, 2023.
  3. Received the 'RELO Online Professional English Network (OPEN) Scholarship' for attending the course titled 'Using Educational Technology in the English Language Classroom' (8weeks), from RELO, Embassy of United States in July 2023.
- ❖ **Smitha Mahindrakar**, Asst. Professor of Management Studies successfully completed Pre-PhD Examinations in February, 2023 from Satavahana University, Karimnagar.
- ❖ **E. Pranavi**, Asst. Professor of Management Studies qualified TSSET.

#### Faculty Publications

- ❖ **V.Jahnavi**, Sr. Asst. Prof. of English has published the following book chapters in 'AEPH, July 2023 Issue'.
  - Understanding Start-up Support provided at T-Hub
  - SV Polyphase Systems – Pioneers of Industrial Excellence
  - Bridging Lives: Mohan Foundation's Journey Towards Organ Donation Advocacy and Awareness
- ❖ **Dr.M.Aparna**, Assoc. Prof. of Mathematics has published the following papers & book chapters:
  - 'Big Data in Education' in Juni Khyat Journal, (UGC Care Group I Listed Journal), Vol-13, Issue-02, on February 2023 with ISSN: 2278-4632.
  - 'Artificial Intelligence in Teaching Mathematics' in 'Recent Trends on Humanities and Basic Sciences' on February

2023 with ISBN – 978-93-5779-832-7.

- 'Climate Change Impacts on Environment – An Overview' In Redshine Publication Pvt. Ltd on March 2023. with ISBN: 978-81-19070-36-7.
- ❖ **Dr.Vijaya Lakshmi V**, Asst. Prof. of Management Studies has published 5 papers and 3 book chapters,1 patent, 1 authored book, 1 co-edited book. Some of them are mentioned below:
  - Patent with the title 'Examining the Effects of Product Descriptions, Reviews and Ratings on Consumer Purchase Decision' on 5/05/23, with the application number 202341029247 A.
  - Authored book 'The Brand Management' published by 'Academic Guru Publishing House' with the ISBN No: 978-93-95468-48-0, in 2022.
  - Co-Edited the Book 'Navigating the Future: Innovative Approaches in Commerce, Economics and Management-Volume-1' published by Infinity Pvt. Ltd. with ISBN No: 978-93-89476-27-9, in May-2023
  - Paper titled, 'A Study in Apprehending the Application of Machine Learning Tools in Forecasting the Employee Performance' in 'A Journal for New Zealand Herpetology', a BioGecko Journal, Web of Science, Volume-12, S.I-1, 2023.
  - Paper titled, 'An Analysis of The Relationship Between Education and Economic Growth' in 'Journal of Survey in Fisheries Sciences', a SCOPUS Indexed Journal, Volume-10, S.I-1, 2023.
  - Contributed a Chapter titled, 'Role of Digital Payments to Boost up Country's Economy – A Review' in the edited book 'Navigating the Future: Innovative Approaches in Commerce, Economics and Management-Volume-1' published by Infinity Pvt. Ltd. with the ISBN No: 978-93-89476-27-9, in May-2023, P.No: 158-164. published the following papers& book chapters:
    - 'Impact of Polycystic Ovary Syndrome- Approach with Machine Learning Algorithms' in Elsevier SSRN , May 19, 2022.
    - 'Signature Verification by Graph Theory' GIS Science Journal, GIS Science Journal, ISSN No: 1869-9391, Volume 9, Issue 10,
    - 'Detection and Classification of Skin Cancer by Using a Parallel Deconvolutional Network Model', International Interdisciplinary Humanitarian Conference for Sustainability, IIHC 2022 – Proceedings.
    - 'Big Data in Healthcare Industry: A Review' in the edited book Worldwide Interdisciplinary Research published by Notion press with the ISBN No: 13:979-888684127-5 in 29 April 2022.
    - 'Artificial Intelligence in Agriculture' in the edited book Research and Development published by Notion press, Chennai, India, with the ISBN No: 979-8888335222in 11 October 2022.
- ❖ **V. B. Sangeetha & Dr. P. Aparna** Asst. Prof. of English& Assoc. Prof. of English have published the following papers:
  - Evaluation of software components used in Multimedia Labs: A critical study Research Journal of English (RJOE)Vol-7, Issue-2, 2022, ISSN: 2456-2696 (An International Peer-Reviewed English Journal).
  - Integrating Internet into classroom teaching International Journal of English and Studies (IJOES) An International Peer-Reviewed Journal; Volume-4, Issue-6 (June Issue),

2022 www.ijoes.in ISSN: 2581-8333; Impact Factor: 5.432(SJIF) Page -132, ISSN: 2581-8333

- ❖ **Dr. NVSL Narasimham** and **Keshav Kumar K**, Assoc.Prof.& Asst.Prof. of Mathematics have published the following papers:

- 'A Conceptual Study in Analyzing the Overall Influence of Artificial Intelligence towards Teaching and Learning in Higher Education', A peer reviewed and Refereed Journal – *IOSR Journal of Research & Method in education Vol.13 ,Issue No.3, May-June 2023 Pg.46-51* with e-ISSN 2320-7388, Article DOI: 10.9790-7388-1303014651.
- 'The Empirical Analysis in determining the Critical determinants of using Technology in utilizing online platforms for Improving Academic Achievements using ANOVA analysis' A peer reviewed Journal – *European Institute of knowledge & Innovation) Journal of Effective Teaching Methods Vol. 1,Issue No.2,June 15, 2023* with ISSN 2755-399X, Article DOI: 10.59652/jetm.v1i2.10.
- 'Application of Total Quality Management in the Engineering Classroom to improve students' performance', Peer Reviewed Journal – *International Journal of Advance Research in Science, Communication and Technology (IJARSCT) Vol. 3,Issue 10, May 2023* with ISSN 2581-9429, Article DOI: 10.48175/IJARSCT-10461

- ❖ **T. Malathi Latha**, Assist. Prof. of Management Studies has published the following papers & book chapters:
- Chapter titled, 'A Study on Stress Management with reference to a Private Sector' published in 'IJMER - International Journal of Multidisciplinary Educational Research' with ISSN - 2277-7881, volume 11, issue 8(5), August 2022.
- Paper titled, 'A Study on Mediating Effect of Resilience and Emotional Intelligence between Occupational Stress and Job Performance' in 'IJREAM - International Journal for Research in Engineering Application and Management', ISSN -2454-9150, Volume 08, issue 10, January 2023.

- ❖ **Dr. Neeli Ramesh**, Asst. Prof. of English has published the paper:
- 'Designing Remedial Course in English for Engineering Students from Non-English Medium Background' in Journal of Effective Teaching Methods (JETM), ISSN: 2755-399X, Vol.1, Issue 2, 15 June 2023.
- ❖ **E.Pranavi**, Asst. Prof. of Management Studies has published the following papers:
- 'An Analysis of Customer Satisfaction on The Performance Parameters of Bancassurance Products And Services'. International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-09, Issue-02, May 2023.
- 'A Study on The Attitude of Bank Managers Towards Bancassurance with Reference to Select Public and Private Sector Banks at Hyderabad'. International Journal for Research in Engineering Application & Management (IJREAM) ISSN : 2454-9150 Vol-08, Issue-12, Mar 2023.

- ❖ **Dr. Areman Ramyasri** Asst. Prof. of Management Studies has published the paper titled 'Role of Digitalisation in Organsiation Development' in International Journal of Management and Social Sciences Research Review (IJMSRR), Bangalore,Volume-10,Issue -1, Jan -2023.

### Workshops/Seminars/FDP Attended by Faculty

- ❖ **Dr P.Rekha**, Assoc. Prof. of Management Studies attended
  1. Online FDP on 'Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified (Intellectual calibres) Learners in Technical Education' organised by NITW and GNITS from 22/8/2022 to 01/9/2022.
- ❖ **Dr.M.Aparna** has attended 8 Conferences/ Workshops/ Training Programmes/ Webinars/FDPs attended. Some of them are:
  1. 5-day National Faculty Development Programme on 'Role of Mathematics in Machine Learning' from 20/02/23 to 24/02/23, organized by Dep of Mathematics, School of Basic Sciences, SRM Institute of Science and Technology, Kattankulather.
  2. **Dr.M.Aparna** Attended a 10-day National Faculty Development Programme on 'Computational Statistics' from 01/08/22 to 10/08/22 organized by E&ICT Academy, NIT Warangal and JSS Science and Technology University, Mysore.
  3. **Dr.M.Aparna** Attended a 3-day International workshop on 'Applied Mathematics' from 06/02/23 to 08/02/23, organised by Dep of Mathematics, SRMIST, Ramapuram, Chennai.
- ❖ **Dr S. Vasundhara**, Asst. Prof. of Mathematics has attended 13 Conferences/ Workshops/ Training Programmes/ Webinars/FDPs attended. Some of them are:
  1. Six Days Online Faculty Development Programme on 'Design, Develop and Deliver Online/Blended Learning Courses' organized by the National Institute of Educational Planning and Administration (NIEPA) during May 01-06, 2023 at NIEPA, New Delhi.
  2. **Dr Vasundhara** Ten-day virtual International Online one week Faculty Development Programme on 'Data Analysis Using R', organized by the Teaching Learning Centre, Ramanujan College, University of Delhi.
  3. One-Week International Workshop on 'Technical Writing using LaTeX School of Electronics Engineering (SENSE)' at VIT-AP University, Amaravati, India from 30th March -5th April 2023.
- ❖ **Dr. B. Sushma**, Assoc. Professor of English, has participated in:
  1. Six-day Faculty Development Programme in 'Task Based English Language Teaching' organised by Vardhaman College of Engineering, Hyderabad from 26-09-22 to 1-10-22.
  2. One day workshop on 'Self Marketing and Branding' and 'Corporate Etiquette' on 12<sup>th</sup> May 2023.
- ❖ **Keshav Kumar K**, Asst. Prof of Mathematics has participated in the following events:
  1. **Women in Leadership Conclave** as part of International Womens' day Celebrations held during 08/03/2023 to 09/03/2023 jointly organized by SoIM and CII-Indian Women network in association with GNITS, Hyderabad, India.
  2. Two-day Workshop on 'Relevance of Humanities & Mathematics in the Context of Industry 4.0' during 02/12/ 2022 to 03/12/2022 organized by The Department of Humanities and Mathematics, GNITS,Hyderabad,India.
  3. Pre-Conference Workshop on 'Distributed Data Anytics on Secure Enclaves' held during 18/11/2022 to 19/11/2022 jointly organized by Dept. of Computer Science and Engineering, GNITS, Hyderabad and E&ICT Academy, NIT Warangal, India.



4. Webinar on 'Building Up a strong PhD Topic and How to Defend it' on 13-05-2023 organized by Fivefeed Learning Solutions Pvt Ltd., India.

❖ **T. Malathi Latha**, Asst. Prof of Management Studies has participated in the following events:

1. One week FDP on 'Amazon Web Services' with Brain-o-vision solution India Pvt Ltd & All India Council for Technical Education – AICTE from 22 August - 27<sup>th</sup> August, 2022, organized by R & D Lab, Department of CSE, RGUKT-Basar.
2. Six-Day National Webinar Cum FDP on, 'Emerging Trends and Technologies in Development of Skills in higher Education' from 21<sup>st</sup> Nov, 22 to 26<sup>th</sup> Nov, 2022 organized by Dept of English and Zoology, JMJ College for Women, Tenali.
3. National Online Live workshop on, 'SPSS: A Vital Tool for Research' from 25<sup>th</sup> Nov, 2022 to 27<sup>th</sup> Nov, 2022 organized by HI Learn EduTech Institute.
4. One-week National Online Workshop on 'Research Methodology' from 01<sup>st</sup> Mar, 2023 to 07<sup>th</sup> Mar-2023 organized by HI Learn EduTech Institute.
5. One day UGC Sponsored Webinar on 'NEP-2020 Implementation Plan: Integrated Higher Education System', on 13<sup>th</sup> Mar, 2023 organized by UGC-HRDC with JNTU-H.
6. 5 Day online National FDP on 'Learning Technological Trends in Business Management with Data Science' from 4<sup>th</sup> May, 2023 to 8<sup>th</sup> May, 2023 organized by Auroras Post Graduate college, Department of Business Administration, Hyderabad.

❖ **Dr. B.R.Lakshmi**, Asst. Professor of English attended in the following events:

1. Five Day international online workshop on Effective Communication for Doctoral Success: LSRW Proficiency for Academic and Professional Success, organized by the Department of Languages, Presidency University, Bangalore from 23 June to 28<sup>th</sup> June 2023.
2. Two day workshop on 2<sup>nd</sup> and 3<sup>rd</sup> December, 2022 on 'Relevance of Humanities and Mathematics in The Context of Industry 4.0', organized by GNITS, Hyderabad.
3. One day virtual seminar on 'Teacher Identity- Reweaving the English Classroom' on 30<sup>th</sup> August, 2022.
4. Six day FDP from 26 September to 1<sup>st</sup> October, 2022 on 'Task Based English Language Teaching'. The Faculty Development program was conducted by Vardhaman College of Engineering.
5. Six-day FDP from 27/02/2023 to 4/03/2023 on 'Innovation in the Art of Teaching English Language and Literature: Venturing into New Frontiers-Transcending Boundaries with Progressive Ideas' conducted by Presidency University, Bangalore.

❖ **Anupama Venugopal**, Asst. Professor of English attended the following events:

1. Five-day FDP on 'Recent Trends in Qualitative' Research from 30 January 2023 to 03 February 2023 organized by the School of Social Sciences and Languages, VIT Chennai.
2. Workshop titled 'Design Thinking: Train the Trainer' at IIIT Hyderabad from 23<sup>rd</sup> to 24<sup>th</sup> March 2023.
3. Research and Industrial Conclave, 2023 organized by Student's Academic Board, IIT, Guwahati from May 14<sup>th</sup> - 16<sup>th</sup> 2023.
4. International Conference on 'Contemporary Perspectives in English Language, Literature and Cultural Studies (ICCPE-2023)' organized by Department of English, Chandigarh

University from 14<sup>th</sup> -15<sup>th</sup> July 2023.

5. International Conference on 'Education 5.0 – Role of Institution, Industry and Society' organized by NIT, Warangal.

6. Two-day International Conference on 'Women Inclusive Network (WIN-2023)' at NIT Warangal, on 17<sup>th</sup> -18<sup>th</sup> March, 2023.

❖ **Smitha Mahindrakar**, Asst. Professor of Management Studies attended:

1. Five-day online FDP on 'Learning Technological Trends in Business Management with Data Science', from 4/5/2023 to 8/5/2023.
2. One-week Online Workshop on 'Research Methodology', from 1/3/2023 to 7/3/2023.
3. Three days Online National Live workshop on 'SPSS-A Vital Tool for Research', from 25/11/2022 to 27/11/2022.
4. FDP in 'Principles of Management' from July 2022-October 2022.

❖ **Ms Himabala Budaraju**, Asst. Professor of English attended the following events:

1. Five Day international online workshop on Effective Communication for Doctoral Success: LSRW Proficiency for Academic and Professional Success, organized by the Department of Languages, Presidency University, Bangalore from 23 June to 28<sup>th</sup> June 2023.
2. Five day workshop on 'New Trends And Contemporary Approaches In English Language Teaching And Learning', from 6/12/2022- 10/12/2022, conducted by SNIST in collaboration with NIT Warangal.
3. Two day workshop on 2<sup>nd</sup> and 3<sup>rd</sup> December, 2022 on 'Relevance of Humanities and Mathematics in the Context of Industry 4.0' organized by GNITS, Hyderabad.
4. Six-day FDP from 26 September to 1<sup>st</sup> October, 2022 on 'Task Based English Language Teaching'.
5. The Faculty Development program was conducted by Vardhaman College of Engineering.
6. Six-day FDP from 27/02/2023 to 4/03/2023 on 'Innovation in the Art of Teaching English Language and Literature: Venturing into New Frontiers-Transcending Boundaries with Progressive Ideas' conducted by Presidency University, Bangalore.
7. Webinar on 29<sup>th</sup> January 2023, on 'What Teachers Need to Know in Preparing Students for English Proficiency Tests'.

❖ **R. Elizabeth Kavita**, Asst. Professor of English attended the following events:

1. 40 hours online FDP on 'Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified Learners in Technical Education', conducted from 22/08/2022 to 01/09/2022 organized by E&ICT Academy NIT Warangal And GNITS.
2. AICTE sponsored 6<sup>th</sup> International Preconference workshop from 18/11/2022 to 19/11/2022 on 'Intelligent Computing & Communication ICICC-22', organized jointly by the Dept. of Computer Science, GNITS And E&ICT Academy, NIT Warangal.
3. Two Day Workshop conducted from 2/12/2022 to 3/12/2022 on 'Relevance of Humanities & Mathematics in the context of Industry 4.0' organized by the Dept. of Humanities and Mathematics, GNITS

❖ **Dr Neeli Ramesh**, Asst. Professor of English attended an FDP titled 'Strategies to Foster Innovations through Improvement in Pedagogy: NEP-2020 Perspective' from 25/4/2023 to 29/4/2023.



- ❖ **E.Pranavi**, Asst. Professor of Management Studies attended the following events:

1. Five Day FDP on '[Learning Technological Trends in Business Management with Data Science](#)' at Aurora's PG College On 04/05/2023.

2. Five Day Workshop on '[Leadership and governance for Institutional Sustainability](#)' at Geethanjali College of Engineering and Technology From 08/05/23 To 12/05/23.

- ❖ **Dr.Areman Ramyasri**, Asst. Professor of Management Studies attended a Five Day Online Workshop on '[Research and Publication Ethics \(RPE\)](#)' from 22/04/2023 to 26/04/2023 conducted by Gomsguru Academy, Bangalore.

- ❖ **Aswani R Jeevan**, Asst. Professor of English attended the following events:

1. 30-day International Online Workshop on '[Scholarly Writing & Publishing: Emerging Areas and Challenges from AI](#)' conducted from 29/05/2023 – 03/07/2023 jointly conducted by CMS College, Kottayam; Marian College, Kuttikkanam; Farook College, Calicut and Lore& Ed Research Associates, Kottayam, Kerala.

2. AICTE sponsored 6th International Preconference workshop from 18/11/2022 to 19/11/2022 on '[Intelligent Computing & Communication ICICC-22](#)', organized jointly by the Dept. of Computer Science, GNITS And E&ICT Academy, NIT Warangal.

3. Two-day Workshop on '[Relevance of Humanities & Mathematics in the Context of Industry 4.0](#)' from 02/12/2022 to 03/12/2022 organized by The Department of Humanities and Mathematics, GNITS, Hyderabad.

4. Two-day Workshop on '[English Language Teaching & Thrust Areas for Research in ELT](#)' from 09/01/2023 to 10/01/2023 organized by The Department of Humanities and Sciences, VNRVJIET, Hyderabad.

- ❖ **D. Swamy**, Asst. Prof of Mathematics attended the following events:

1. Workshop on '[Practical Aspects of ICT tools & Online Teaching in Current Scenario](#)' organized by Research Foundation of India RFI-CARE from 14 November to 20 November 2022.

2. Pre-Conference Workshop on '[Distributed Data Analytics on Secure Enclaves](#)' held from 18/11/2022 to 19/11/2022 jointly organized by Dept. of Computer Science and Engineering, GNITS, Hyderabad and E&ICT Academy, NIT Warangal, India.

3. Actively involved as a member of the organizing committee and successfully attended a two-day Workshop on '[Relevance of Humanities & Mathematics in the Context of Industry 4.0](#)' from 02/12/2022 to 03/12/2022 organized by The Department of Humanities and Mathematics, GNITS, Hyderabad, India.

4. Attended as a delegate in t '[Women in Leadership Conclave](#)' as part of international Women's Day celebrations held during 08/03/2023 to 09/03/2023 jointly organized by SoIM and CII-Indian Women network in association with GNITS, Hyderabad, India.

5. 5-Day Workshop on '[Statistical Analysis Using Python](#)' held at VNRVJIET, Hyderabad, Telangana, India during 6-11 March 2023, organized by the Department of Humanities & Science, CSE (CYS, DS) and AI&DS.

#### **NPTEL Courses**

- ❖ **Dr. P. Rekha**, Assoc. Prof. of Management Studies, completed NPTEL online certification with Elite Silver and

FDP on '[Business Development: From Start to Scale](#)' from Jan 2023 to Apr 2023.

- ❖ **Dr. S. Vasundhara**, Asst. Prof. of Mathematics completed the following courses:

1. [Python for Data Science](#) from Jan 2023 to Feb 2023
2. [Advanced Level of Spoken Sanskrit](#) from Jan 2023 to March 2023

- ❖ **T. Malathi Latha** Asst. Prof. of Management Studies completed '[Principles of Management](#)' from July-Oct-2022, organized by IIT- Kharagpur, NPTEL- SWAYAM.

#### **Resource Person**

- ❖ **V. Jahnvi** was invited as a resource person to the following events:

1. Addressed [IIIT Basar students](#) at IIIT Hyderabad.



2. Trained the [Panchyathi Raj Employees](#) under Yadadri Collectorate, on '[Email Etiquette](#)'.



3. Addressed [the high school children from the Child Protection Home](#) under Yadadri Collectorate (as part of an MoU), during their visit to GNITS Campus.



2. **Dr S. Vasundhara**, Asst. Prof. of Mathematics has participated as a resource person in a 7 day National level Virtual FDP on [Advanced Teaching Skills](#) from 24<sup>th</sup> to 31<sup>st</sup> May 2023, conducted by IOT Academy.

3. **Dr Neeli Ramesh**, Asst. Prof. of English has participated as a resource person for the 2-Day Virtual Multidisciplinary Academic Workshop on [Latest Trends in Enhancing English Language Learning Skills \(LTEELLS-2023\)](#) held from 8 to 9 July 2023 and delivered a lecture on [Online Resources to Improve English Language Skills](#) organized by St. Martin's Engineering College, Dullapally, Secunderabad.

4. **Aswani R Jeevan**, Asst. Prof. of English has participated as a resource person in the '[Poetry Carnival](#)' sponsored by the Directorate of Collegiate Education, Kerala, conducted by the Dept of Malayalam, Sree Neelakanta Govt. Sanskrit College, Pattambi held from 1/12/2022 to 4/1/2022.



## Presentations

- ❖ **Dr. Vijaya Lakshmi V**, Asst. Professor of Management Studies has presented the following papers:
  1. 'An Overview on the Role of Implementation of Environmental Laws' in the International National Conference on **Recent Challenges for Global Sustainability 2023** organized by Government College of Arts and Science, Aurangabad, Maharashtra, India from 04/06/23 to 05/06/23.
  2. 'Role of Digital Payments to Boost up Country's Economy – A Review' in a Two Day National Seminar on **Recent Trends in Banking and Financial Sectors of India Issues and Challenges** Organized by M.V.S Govt. Arts & Science College (Autonomous), Christianpally, Mahabubnagar, Telangana state 509001, India from 09/05/23 to 10/05/23.
  3. 'Implementation of Outcome Based Education' (OBE) in **India-Challenges and Opportunities- A Review** in the International National Conference on **Advanced Knowledge from Multidisciplinary Perspectives** Organized by Divine Mother College Puducherry, India from 18/03/23 to 19/03/23.
  4. 'Covid-19-A Big Shift in Education from Classrooms to Computers' in the National Seminar on **Socio-Environmental Issues and Sustainable Development** organized by Acharya Nagarjuna University, Guntur, Andhra Pradesh, India from 06/03/23 to 07/03/23.
  5. 'Formation, Characteristics and Implementation of Public Policies in India- A Review' in the National Conference on **Public Policies of Telangana State Organized** by Satavahana University, Karimnagar, Telangana, India from 02/03/23 to 03/03/23.
- ❖ **Keshav Kumar K**, Asst. Prof. of Mathematics has presented a paper titled '**Bio-inspired Optimization Technique for Optimal Beam Selection in Radiotherapy**' in the International Conference on **Advances in Modern Science and Technology** (ICAMSnt-2023) organized by T. John Institute of Technology, Bangalore in collaboration with KAS Innovative India, Chennai during April 21-22, 2023.
- ❖ **Dr. B.R.Lakshmi**, Asst. Prof. of English has presented a paper titled '**The Notion of Cross-cultural Relationships in Ghosh's Novel The Shadow Lines**' at English Literature Summit 2023, a Virtual International Conference held on June 24-25, 2023 jointly organized by the International Society for Educational Leadership & MIT Art, Design and Technology University, Pune.
- ❖ **Anupama Venugopal**, Asst. Prof. of English has presented the following papers:
  1. 'Professional Development Course on Design Thinking for English Language Teachers: Implications and Limitations' at the 3<sup>rd</sup> International Conference on Contemporary Perspectives in English Language, Literature and Cultural Studies (ICCPE-2023) organized by Department of English, Chandigarh University from 14<sup>th</sup> -15<sup>th</sup> July 2023.
  2. 'Exploring the Impact of Incorporating Design Thinking Approaches in English Classrooms to Enhance the 21<sup>st</sup> Century Skills of Engineering Students' at Research and Industrial Conclave –RIC 23 at IIT Guwahati from 14-16 May, 2023.
  3. 'Inculcating Soft skills: An Absolute Necessity for the 21<sup>st</sup> Century Workforce' at International Conference on Education 5.0 – Role of Institution, Industry and Society organized by NIT, Warangal.

- ❖ **Dr. Neeli Ramesh**, Asst. Prof. of English has presented the paper titled '**Relevance of Language for Employability: Experimental Approach**' in a Two-Day International Virtual Conference on 'ELT in India: Tradition Vs Innovation' during 6 & 7 July 2023.
- ❖ **Aswani R Jeevan** Asst. Prof. of English has presented a paper titled '**War and Caste: An Analysis of 'Vadakkan Pattukal': the Ballads of Northern Malabar**' at the National Seminar War- An Identarian Falcrum; organized by the Department of English, Motilal Nehru College, University of Delhi from 25/04/2023 -26/04/2023.

## Chair

1. **Dr P. Rekha**, Assoc. Prof. Management Studies, chaired/ moderated the following events:
  - **Faculty Chair** for the 1<sup>st</sup> edition of WILC-23, held on 8<sup>th</sup> March-9<sup>th</sup> March 2023, at GNITS.
  - Moderated the session titled '**Her Rights, Her Voice**' in WILC-23 at GNITS held on 9<sup>th</sup> & 10<sup>th</sup> March.
2. **V. Jahnnavi**, Asst. Prof. of English chaired/ moderated the following events:
  - Faculty Chair for the '**Women in Policy**' Theme of the WILC-23 at GNITS held on 9<sup>th</sup> & 10<sup>th</sup> March.



- Moderated the Panel Discussion on '**Women in Entrepreneurship**' as part of the 'Nenu Super Woman Programme' of 'Aha Platform'.



3. **Dr. M. Aparna**, Assoc. Prof. Mathematics chaired a session for 5<sup>th</sup> National Level Conference on '**Pure Earth Environment**' on 26/11/2022 at Sarojini Naidu Vanitha Maha Vidyalaya, Nampally, Hyderabad, organized by Pure Earth Foundation.
4. **Dr. S. Vasundhara**, Asst. Prof. Mathematics acted as Faculty Chair for **Registration and Certification Committee** WILC-2023 held on 9<sup>th</sup> & 10<sup>th</sup> March at GNITS.
5. **Anupama Venugopal**, Asst. Prof. of English moderated the session titled '**Inclusiveness in Academia**' in WILC- 2023 at GNITS held on 9<sup>th</sup> & 10<sup>th</sup> March.
6. **R Elizabeth Kavita** acted as Faculty Chair for the **Red Carpet** team in WILC-2023 at GNITS held on 9<sup>th</sup> & 10<sup>th</sup> March.
7. **Aswani R Jeevan** acted as Faculty Chair for the **Editorial Team** in WILC-2023 at GNITS held on 9<sup>th</sup> & 10<sup>th</sup> March.



## Basic Sciences

### Dr. T. Charan Singh, HOD

**Dr.T.Charan Singh** heads the Basic Sciences Department which includes Chemistry, Physics and Environmental Studies from August 2010. He was awarded the doctorate degree from Osmania University in 1998. He has 29 Research publications to his credit in various National and International journals. He has more than 33 years of teaching experience which includes 10 years of teaching overseas under UNDP programme

#### Department Highlights

- ❖ Newly Joined Faculty: **Dr.K.Eshwari** has joined the department as Assistant Professor in Chemistry.

#### Faculty Achievements

- ❖ **Dr.T.Charan Singh** acted as Subject Expert in finalizing the Syllabus of course 'Engineering Chemistry' for B.Tech. 1<sup>st</sup> year in the following institutes
  1. Sri Devi Women's Engineering College, Hyderabad on 31/11/2022 in Board of Studies Meeting (BoS).
  2. 1<sup>st</sup> year at CMR Engineering College, Hyderabad in Oct - 2022 in Board of Studies Meeting (BoS).
- ❖ **Dr. A.Alakanandana** acted as Subject Expert in finalizing the Syllabus of LR-23 course 'Engineering Physics' (Theory & Lab) for B.E. 1<sup>st</sup> year at
  1. Lords Institute of Engineering and Technology, Hyderabad on 15-04-2023 in Board of Studies Meeting (BoS).
  2. SriDevi Women's Engineering College, Hyderabad on 31-11-2022 in Board of Studies Meeting (BoS).

#### Faculty Publications

- ❖ **Dr.T.Charan Singh**, HOD, has published the following papers,
  1. 'Formation constants of charged transfer complexes of PQ with CABIDOPA' in IJIEMR, vol 11 issue 5 May 2022 ISSN 2456-5083 pg.no 232-234.
  2. 'Stability constants of molecular complexes of paraquat with catechol' in WJPPS, vol11 Issue 4, 2022 pg.no 2580-86, ISSN : 2278-4357.
- ❖ **Dr.A.Alakanandana**, Assoc.Prof. of Physics has published the following papers
  1. 'Electrical and Optical Characterization of Pure and Doped Poly Vinyl Alcohol Polymer Electrolytes' in International Journal for Innovative Engineering and Management Research, Vol – 11, Issue – 05, 22 Aug. 2022, P.No – 214 – 222, ISSN No – 2456- 5083.
  2. 'Crystallinity, Morphology and Proton conductivity studies of Malonic Acid doped Poly Vinyl Alcohol Electrolytes for Electrochemical Cells' in International Journal for Advanced Research In Science & Technology, Volume 12, Issue 07, Pages:69-72. ISSN 2457-0362, July 2022.
- ❖ **Dr. K. Syamala Devi**, Assoc.Prof. of E.S has published the following papers
  1. 'IOT in Precision Farming for A Sustainable Future', in Journal of Pharmaceutical Negative Results, Volume 13, Special Issue 10, 2022, P.No 728-736.
  2. 'A New Paradigm Shift in Education with National Education Policy 2020', in International Journal for Innovative Engineering and Management Research, Vol – 11, Issue – 09, Sep. 2022, P.No – 97 – 102, ISSN No – 2456- 5083.
  3. 'Effect of global warming on temperature rise due to pollution in the capital city of New Delhi, India in past 25 years', in Bulletin of Environment, Pharmacology and Life Sciences

Bull. Env. Pharmacol. Life Sci., Vol 12 [4] March 2023 ©2023 Academy for Environment and Life Sciences, India Online ISSN 2277-1808 Journal's URL: <http://www.bepils.com> CODEN: BEPLAD.

4. 'Plastic Pollution: A Review on Impacts of Pollution on Environment', in B.Aadhar Single Blind Peer Reviewed & Referred Multidisciplinary International Indexed Research Journal Special Issue on 'Environment: Issues & Challenges' published on dated 28-06-23.
- ❖ **Dr. S. Uday Bhasker**, Assoc.Prof. of Physics has published the following papers
    - 'Feasibility of weed control through drone automation using deep learning techniques' in International journal of Novel research and development (IJNRD), Volume 8, Issue 5, May 2023, Pg no f146-f153, ISSN:2456-4184.
  - ❖ **Dr. I.Radhika** and **Ch. Arathi**, Asst. Professors. of Physics have published the following papers:
    1. 'Biofuels – An Alternative Energy: Discussion on Basic Production Methods and Applications of Biofuels', International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 8, August-2022, Impact Factor: 7.429, [www.ijaresm.com](http://www.ijaresm.com).
    2. 'Basic Studies on Cyanobacteria and Micro algae', International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 8, August-2022, Impact Factor: 7.429, [www.ijaresm.com](http://www.ijaresm.com).
    3. Basic Studies on Cyanobacteria and Micro algae: A Review International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211 Volume 10, Issue 8, August-2022
  - ❖ **O.Sujana**, Asst. Prof. of Chemistry has published the following papers titled,
    - 'Synthesis, Cytotoxicity and Molecular Docking Studies of Chalcone Incorporated 1,2,3-Triazol-1,3,5-Triazin-Quinazoline as Anti-Cancer Agents', Journal of Molecular structure (SCI Index journal) .
  - ❖ **Dr.Pragathi Jogi**, has published the following papers titled:
    1. 'Assessment of oxidative status in fresh edible oils by colorimetric ferric thiocyanate method', International Journal of All Research Education & Scientific Methods, Vol 11, Issue 2 Feb 2023, page 727-29, ISSN : 2455-6211
    2. 'Transition Metal (II) complexes with 2-amino methyl Benz imidazole derived Schiff base : synthesis, characterization and biological activity', International Journal of Science and Research Archive Volume 8, Issue 1, 388-392 [ISSN:2582-8185].
    3. 'A review on the scaling and scoping of 2G ethanol blended with conventional fuels in India', International Journal of creative research thoughts Volume 11, Issue 3 March 2023 [ISSN 2320-2882].
  - ❖ **B. Mrinalini** has published papers titled:
    1. 'Transition Metal (II) complexes with 2-amino methyl Benz imidazole derived Schiff base : synthesis, characterization and biological activity', International Journal of Science and Research Archive Volume 8, Issue 1, 388-392 [ISSN:2582-8185].
    2. 'A review on the scaling and scoping of 2G ethanol blended with conventional fuels in India', International Journal of creative research thoughts Volume 11, Issue 3 March 2023 [ISSN 2320-2882].



3. 'Comprehensive review on oil spillage and its various remediation methods', International Journal of creative research thoughts Volume 11, Issue 2 February 2023 [ISSN 2320-2882]

❖ **Dr. Medha Bhushan** published papers titled:

1. 'Various characterization techniques for nanomaterials for Energy applications', International Journal of creative research thoughts, 11, f103-f114 [ISSN 2320-2882].
2. 'Nanomaterials for Super capacitor and Perovskite solar cell applications: A Review', International Journal of creative research thoughts, 11, a118-a121 [ISSN 2320-2882].
3. 'Transition Metal (II) complexes with 2-amino methyl Benz imidazole derived Schiff base : synthesis, characterization and biological activity', International Journal of Science and Research Archive Volume 8, Issue 1, 388-392 [ISSN:2582-8185].

❖ **Dr Veeraswami Yaragani** published paper titled  
The Structural and Photoluminescence properties of Ta: In<sub>2</sub>O<sub>3</sub> Thin Films grown by Pulsed Laser Deposition Technique' 2023 IJCRT | Volume 11, Issue 3 March 2023 | ISSN: 2320-2882.

#### Book Chapters Published

❖ **Dr.A.Alakanandana**, Assoc.Prof. of Physics has published the following book chapter,  
'Comparative study of structural and Electrical conductivity studies of pure PVA and PVA doped with Malonic and Succinic acid polymer Electrolytes' in Multidisciplinary Research Book Vol. 4, Swaranjali Publication, ISBN : 978-93-5470-790-2, P.No.50-61.

❖ **Dr. K. Syamala Devi**, Assoc.Prof. of E.S, has published the following book chapters,

1. 'A Brief Review on Disaster Management in India' for ISBN edited book 'Research Methodology in Commerce, Business & Economics' Volume – 01, Red Shine Publications Pvt. Ltd, ISBN – 978 - 81– 19070 – 36 – 7, DOI: 10.25215/8119070364, P.No: 71 - 78.
2. 'Role of Digital Payments to Boost up Country's Economy - A Review' for ISBN edited book 'Navigating the Future: Innovative Approaches in Commerce, Economics and Management' Volume – 01, Infinity Publications Pvt. Ltd, ISBN: 978-93-89476-27-9, DOI: ISBN: 978-93-89476-27-9, P.No: 158 – 164 in May 2023.
3. 'Influence of Social Media Networking Sites on Cyber Crime - An Overview' for ISBN edited book 'Youth and Cyber Crime - Risk, Management and Solutions' Volume – 01, Book Enclave, Trident Enterprises, Noida, ISBN – ISBN: 978-93-92262-79-1 in June 2023.

❖ **Dr. Medha Bhushan** has published the following book chapters:

1. Recent Strategies and Developments of ZnS Nanomaterials, Advanced nanomaterials (Springer publications)
2. Growth of Nano/Micro structures of Nickel Sulphide and their effect on electrocatalytic performance (Springer publications)

❖ **M.Sreevalli** has published a book chapter with the title

1. 'Impacts of Covid-19 in various areas of study-A review' in the book Titled 'Research Methodology in multidisciplinary Subjects', Volume 1.
2. 'Impacts of climate conditions on environmental Components - A review' in the book Titled 'Research Methodology in multidisciplinary Subjects', Volume 1.

#### Paper presented

1. **Dr. K Syamala Devi** presented a Paper on 'Environmental Laws – Principles and Policies in India – A Review' in

International Conference on Recent Challenges on Global Sustainability -2023(ICRCGS – 2023 & International Award Ceremony SPOORTHY 2023 on the occasion of World Environment Day Theme 2023 'Solutions to Plastic Pollution' on 04<sup>th</sup> & 05<sup>th</sup> June 2023.

2. **Dr. K Syamala Devi** presented a Paper on 'A Review on Role of Traditional Knowledge Systems in Biodiversity Conservation' in the 2<sup>nd</sup> Global Conference on 'Emerging Trends in Research & Development' organized by the International Journal of Innovative Research & Growth (IJIRG) in association with Dept. of Physics, School of Life & Basic Sciences, Jaipur National University, Jaipur, Rajasthan, India on 17<sup>th</sup> & 18<sup>th</sup> June 2023.

#### Field Trip Organized

❖ **Dr.K.Syamala Devi** and **Rakesh Goud Battini** have organized a one day field trip to Nehru Zoological Park to third year B.Tech students to sensitize the young minds to wildlife environment on 09-12-2022.

#### Sessions Chaired (Judge)

❖ **Dr. K Syamala Devi** Chaired a Session at 5<sup>th</sup> National Seminar on Pure Earth Environment Conference with a focal theme on Environment and Water, in association with Pure Earth Environment Foundation, which was held on 26/11/22 at Sarojini Naidu Vanitha Maha Vidyalaya, Nampally, Hyderabad.

#### Panel Member by Faculty

❖ **Dr. K Syamala Devi** acted as a panel member in debate at Suman TV on 'Live in Relations - Impact on Society' on 01-04-2023 at Yousufguda, Hyderabad.

#### Patents Granted / published

❖ **O.Sujana** published a patent on 'A method for the preparation of 1,2,3 triazole incorporated 1,3,4, oxadiazole-triazine derivatives with anticancer activity' on 23/6/2023.

#### Workshops/Seminars attended by Faculty

❖ **Dr. A.Alakanandana** attended the following webinars

1. The online National Webinar Montreal Protocol @35: Global Cooperation, protection the life on Earth on 16<sup>th</sup> September 2022, organized by the Dept. of Environmental Sciences, Acharya Nagarjuna University, Guntur, Andhra Pradesh.
2. Online National Webinar in association with Dept. of Environmental Sciences, ANU, CEEED, India, on 'Women and Environment' from 15-10-2022 from 10AM -1PM.

❖ **Dr. K Syamala Devi** - Attended the following conferences and workshops

1. One - Day Immune Fest Conference - 2023, organized by Dept. of Bio Technology, School of Arts & Science, Ponniah Ramanujam Institute of Science and Technology (PRIST) on 28th April, 2023.
2. Two- Day Workshop on 'Relevance of Humanities & Mathematics in the context of Industry 4.0' held on 02nd & 03rd Dec, 2022 by Dept of Humanities & Mathematics, GNITS.
3. Two- Day National Conferences on 'Public Policies of Telangana State: Evaluating Implementation Management and Impact Assessment' held on 2<sup>nd</sup> & 3<sup>rd</sup> Mar, 2023 by Dept. of Business Management & Centre for Rural Studies.
4. UGC Sponsored Two Day National Seminar on 'Socio-Environmental Issues and Sustainable Development' held by Dept. of Environmental Sciences, Acharya Nagarjuna University, from 06th - 07<sup>th</sup> Mar, 2023.
5. Participated in Three Days Hands on Training on 'Recent Advancements in Microbes & Plants: Basic to Applied

**Aspects'** held by Dept. of Bio-Technology, Vignan University, AP from 16<sup>th</sup> - 18<sup>th</sup> August, 2022.

- Online National Webinar Montreal Protocol @35: Global Cooperation, protection the life on Earth on 16<sup>th</sup> September 2022, organized by the Dept. of Environmental Sciences. Acharya Nagarjuna University, Guntur, Andhra Pradesh.
  - Two – day International Conference on '**Advancing Knowledge from Multidisciplinary Perspectives in Agriculture, Life Sciences, Engineering & Technology – 2023**' (ICAKMPALET-2023), organized by Sidvi Foundation, Visakhapatnam, Divine Mother College, Korkadu, Puducherry, Society for Ecological Sustainability, Odisha and Bharti Publications, New Delhi on 18<sup>th</sup> & 19<sup>th</sup> Mar 2023.
  - Two – day International Conference on Recent Challenges on Global Sustainability -2023 (ICRCGS – 2023 & International Award Ceremony SPOORTHY 2023 on the occasion of World Environment Day Theme 2023 '**Solutions to Plastic Pollution**' organized by Sidvi Foundation, Visakhapatnam, and Govt. College of Arts and Science, Bangalore on 04<sup>th</sup> & 05<sup>th</sup> June 2023.
  - Two – day '2<sup>nd</sup> Global Conference on '**Emerging Trends in Research & Development**' organized by the International Journal of Innovative Research & Growth (IJIRG) in association with Dept. of Physics, School of Life & Basic Sciences, Jaipur National University, Jaipur, Rajasthan, India on 17<sup>th</sup> & 18<sup>th</sup> June 2023.
- ❖ **Dr. I.Radhika** attended the following webinars and conferences
- '**Three Day Hands on Training programme**' at VFSTR (Vignan's Foundation for Science, Technology and Research) from 16<sup>th</sup> - 18<sup>th</sup> August 22.
  - Current Trends in Research & Innovation - Research Paper Publications - IPR and Patents -Research Projects & Fundraising from 27/08/2021 to 31/08/2021.
- ❖ **Dr. I.Radhika, Dr. Medha Bhushan, M.Sreevalli, B.Mrinalini** together attended National Webinar on '**Montreal Protocol@35: global cooperation protecting life on earth**' on 16<sup>th</sup> September, 2022.
- ❖ **Dr.Pragathi Jogi, Dr.Y.Veera Swamy, Dr.Medha Bhushan, M.Sreevalli, B.Mrinalini** together attended following workshops, conferences and webinars.
- '**Values & Spirituality in Education for a Better Tomorrow**' on 7<sup>th</sup> January , 2023
  - '**Women & Environment "Issues & Challenges"** on 15/10/2022.
- ❖ **M.Sreevalli** attended the following workshops, webinars and conferences on
- '**National Education Policy 2020 - Motivated, Energized and Capable faculty**' on 13/05/2022.
  - '**Writing Literature Review Article**' from 28/01/2023 to 29/01/2023.
- ❖ **S. Rama Krishna** attended a Two Day National level Workshop on Condensed Matter Research (CMR) – 2022.
- ❖ **Dr Veeraswami Yaragani** attended the following workshops, webinars and conferences on
- Hands on training on XPS 7 to 9<sup>th</sup> Dec 2022 at CFRD Osmania University Hyderabad.
  - Online '**Second International e-Conference on Chemicals & Materials for Emergent technologies (CheMET\_2022)**' jointly organized by Center for Advanced Materials-Qatar University, Emergent Materials Journal & Chemistry Africa Journal-Springer on 17 – 18 October 2022

❖ **B.Mrinalini** attended the following workshops, webinars and conferences

- One week Online Entrepreneurship certificate course from 11/02/2023 to 17/02/2023.
- '**Writing literature review article**' from 28/01/2023 - 29/01/2023.

#### **NPTEL Courses (Faculty)**

- ❖ **Dr. T.Charan Singh** Successfully completed 12 weeks NPTEL course on Concepts of chemistry for Engineering from Jul – Oct 2022.
- ❖ **Dr. I.Radhika** attended NPTEL course on '**Solid State Physics**' from July-August 2022.
- ❖ **C.Arathi** attended NPTEL course on '**Solid State Physics**' from July-August 2022.

#### **FDPs attended by Faculty**

- ❖ **Dr.k.Shyamala Devi** and **Dr.Pragathi Jogi** together attended the following FDP
- One-Week Online Faculty Development Programme on '**Amazon Web Services**', organized by Brainovision Solutions India Pvt. Ltd and All India Council for Technical Education (AICTE) from 22<sup>nd</sup> to 27<sup>th</sup> August, 2022.
- ❖ **O.Sujana** and **Dr.Pragathi Jogi** together attended
- '**Molecular Docking and Analysis -ONE WEEK TRAINING PROGRAMME**' organised by Excel Education Services, Hyderabad from 13<sup>th</sup> March 2023 to 17<sup>th</sup> March 2023.
- ❖ **Dr. K. Syamala Devi, M.Shanti, O.Sujana, Dr.Pragathi Jogi, B.Mrinalini** together attended
- A five- day online short term training programme on '**Recent advancements in medicinal chemistry and material science**' (ramcms-2023) from 24<sup>th</sup>- 28<sup>th</sup> april,2023.
- ❖ **M.Sreevalli, Dr. Y. Veeraswami, Dr. Medha Bhushan** attended FDP on
- '**Mentoring Pedagogy and Techniques for Enriched Learning Experience to Diversified (Intellectual calibers) Learners in Technical Education**' from 22<sup>nd</sup> August- 1<sup>st</sup> September,2022
- ❖ **C.Arathi** Attended FDP
- (MOOC) Research Design and Research method from and obtained B+ grade at University of Delhi under MHRD from 14<sup>th</sup> to 20<sup>th</sup> May 2022.
- ❖ **Dr Veeraswami Yaragani** attended the following FDPs
- One Week FDP on '**Recent Advances on Material Characterizations**' organized by Department of Physics, Krishna University, Machilipatnam from 29/08/2022 to 03/09/2022.
  - One Week FDP on '**Computational Modelling of Materials**' from 08/05/23 to 12/05/23 organised by department of Physics, Mandanapalle Institute of Technology and science.

#### **AWARDS achieved by Faculty**

- ❖ **Dr. A.Alakanandana** Received the following award
- '**Lifetime Achievement Award**' from Social Science Research Network (SSRN), IJEMR – Elsevier SSRN Research Awards 2022 on 10/09/22 at Vijayawada, Andhra Pradesh.
- ❖ **Dr. K Syamala Devi** received the following awards
- Best paper award for the 5<sup>th</sup> Pure Earth Environment Conference with a focal theme on Environment and Water, which was held on 26-11-22 at Sarojini Naidu Vanitha Maha Vidyalaya, Nampally, Hyderabad.
  - '**Best Researcher Award**' from Social Science Research Network (SSRN), IJEMR – Elsevier SSRN Research Awards 2022, organized by International Journal for Innovative Engineering and Management Research on 10-09-22 at Vijayawada, Andhra Pradesh.





## Physical Education

Dr. M.V.L. Surya Kumari, Physical Directress

The department of Physical Education is headed by **Dr. M.V.L. Surya Kumari**. She is a **Nationals Gold medalist in Athletics** and was awarded the first Ph.D. in the area of Physical Education by the Osmania University. **Dr. Surya Kumari** carried out her research work at National Institute of Nutrition, Hyderabad with UGC fellowship. Altogether, she has 23 years of experience in teaching. She is a certified Yoga Trainer and Diabetes Therapist. **Dr. Surya Kumari** is an internationally accredited certified Fitness Trainer and Sports Nutritionist. **Dr. Surya Kumari** published and presented 35 research papers in various International journals and conferences at **USA, Australia, Thailand, UK (London Pre Olympic Conference) and India**. She guided one Ph.D. scholar from JNTUH in the field of Physical Education. She attended many conferences and workshops as an Invited Speaker, Resource person, and Chair person. **Dr. Surya Kumari** is a member of JNTUH Executive sports council and Advisory committee member of the International federation of Physical Education and Sports sciences. **Dr. Surya Kumari** received Best Teacher award from Rotaract Club, Hyderabad, and Outstanding Distinguished service award from GNITS and received **National Eminent Educator Award** from International Federation of Physical Education, Fitness and Sports Sciences.

### Department Highlights

- During the academic year 2022-23, GNITS so far participated in Inter Engineering college sports meets both at national and state level organized at different colleges and secured 64 titles in different sports events.

- GNITS Throw ball players. represented Telangana state Throw ball team in the Senior National Throw ball Championship held at Pushkar, Rajasthan.
- GNITS Throw ball players. represented Telangana state Throw ball team in the Junior National Throw ball Championship held at Ranchi, Jharkhand.
- During the academic year 2022-23, 13 players represented JNTUH in the All India Inter University tournaments in different sports disciplines.

### Staff Achievements

**Dr. M.V.L. Surya Kumari**, Physical Directress:

- Took a session as an invited speaker on Recent trends on Malnutrition and Physical inactivity in Indian Women on 10<sup>th</sup> December 2022 at National Workshop on Physical Education, Health and Wellness at Hyderabad.
- Chaired a scientific session at the International Conference on Recent Advances in Physical Education, Fitness and Sports Sciences held at Palamuru University, Palamuru on 7<sup>th</sup> and 8<sup>th</sup> January 2023. Dr. Surya Kumari was felicitated by Honorable Minister of Telangana State, Sri. Srinivasa Goud in that conference.



### All India Inter University Tournament Participants during 2022-23

S.No.	Name	Class	Event	Tournament held at.Dates
1	G. Geetha Krishna	IV IT	Badminton	Jain University, Bengaluru 21 <sup>st</sup> to 24 <sup>th</sup> Nov. 2022
2	G. Pranathi	III CST	Volleyball	MG University, Kottayam 27 <sup>th</sup> to 31 <sup>st</sup> Dec. 2022
3	Mounika	III ECE	Volleyball	MG University, Kottayam 27 <sup>th</sup> to 31 <sup>st</sup> Dec. 2022
4	M. Sahithi	III IT	Basketball	University of Madras, Chennai 4 <sup>th</sup> Jan. 23 to 8 <sup>th</sup> Jan. 23.
5	J. Chandrika	IV IT	Kho Kho	Alliance University, Bengaluru 23 <sup>rd</sup> to 26 <sup>th</sup> Jan. 2023
6	S.Meenakshi	II EEE	Kho Kho	Alliance University, Bengaluru 23 <sup>rd</sup> to 26 <sup>th</sup> Jan. 2023
7	Ch. Gautami	IV IT	Kho Kho	Alliance University, Bengaluru 23 <sup>rd</sup> to 26 <sup>th</sup> Jan. 2023
8	K. Jyotsna	II ECE	Kho Kho	Alliance University, Bengaluru 23 <sup>rd</sup> to 26 <sup>th</sup> Jan. 2023
9	L. Ramya Sri	IV CSE	Table Tennis	Jain University, Bengaluru 12 <sup>th</sup> Nov to 15 <sup>th</sup> Nov. 2022
10	Vindhya	II CSD	Table Tennis	Jain University, Bengaluru 12 <sup>th</sup> Nov to 15 <sup>th</sup> Nov. 2022
11	Tanushita Reddy	II CSD	Tennis	Jain University, Bengaluru 10 <sup>th</sup> to 14 <sup>th</sup> Nov. 2022
12	Sahithi	I ECE	Yoga	KIIT, Bhubaneshwar 25 <sup>th</sup> to 30 <sup>th</sup> Dec. 2022
13	Rashmitha	III ECE	Chess	Reva University, Bengaluru 13 <sup>th</sup> to 17 <sup>th</sup> Dec. 2022.

### National Tournament Participants during 2022-23

S.No.	Name / Class	Event	Held at and Dates
1	C. Hari Sahithi (III-EEE-B), M. Supriya (III-CSE-C), T.Haarini (III-ECE-A), S.V.L Santhoshi (III-CST)	Throw ball	National Throwball Championship held at Pushkar, Rajasthan from 22 <sup>nd</sup> June to 30 <sup>th</sup> June
2	Ashwitha (II-IT-B), G.Neha Reddy (II-EEE-B), I.Chandana (II-CST), P.Gayathri (II-ECE-C), A.Alekhyia (II-EEE-B)	Throw ball	National Throw ball Championship held at Ranchi, Jharkhand from 24 <sup>th</sup> to 31 <sup>st</sup> Dec. 2022



## Sports Achievements during 2022-23: Inter College Tournaments

- ❖ In the Freedom cup District level Inter college Badminton tournament held at CBIT, Hyderabad on 19<sup>th</sup> August 2022, GNITS won Winners title in Badminton team event.

**Team Members:** G. Geetha Krishna IV-IT, Vainavi II-CSE, and Sriya II-CSM

- ❖ In the State level Inter Engineering College Sports Meet held at Padmasri Dr. B.V. Raju Institute of Technology, Narsapur on the occasion of their Silver Jubilee celebrations, on 12<sup>th</sup> and 13<sup>th</sup> October 2022, GNITS won the following titles:

### Throw ball- Winners



### Volleyball- Winners



- ❖ In the National level Inter Engineering College Sports Meet, AURA held at CBIT, Hyderabad from 4<sup>th</sup> to 6<sup>th</sup> Nov. 2022, GNITS won the following titles:

### Table Tennis- Runners

**Team Members:** L. Ramya Sri IV-IT, Haniah I-CSE

- ❖ In the National level Inter Engineering College Sports Meet, AURA held at CBIT, Hyderabad from 4<sup>th</sup> to 6<sup>th</sup> Nov. 2022, GNITS won the following titles:

### Throw ball- Winners



### Volleyball- Winners

- ❖ In the X National level Inter Engineering College Sports Meet, VERVE-22 held at G. Narayanamma Institute of Technology and Science (for women), Hyderabad on 25<sup>th</sup> and 26<sup>th</sup> Nov. 2022, GNITS won the following titles:

### Throw ball- A Team- Winners



### Throw ball- B Team III Place



### Volleyball- Runners



### Basketball- Runners



### Kho Kho- Winners



### Badminton- Runners

G. Geetha Krishna IV-IT, Vainavi II-IT, Sriya II-CSM





### Table Tennis- Winners

**Team:** L. Ramya Sri IV-CSE, Haniah I-CSE and Vindhya II-CSD



- ❖ In the National level Inter Engineering College Sports Meet Pratiyogitha held at Sridevi Engineering college for women, Hyderabad on 2<sup>nd</sup> and 3<sup>rd</sup> Dec. 2022, GNITS won the Winners title in Kho Kho event.

### Kho Kho- Winners



- ❖ In the State level Inter Engineering college Sports meet held at CVR Engineering college on 2<sup>nd</sup> and 3<sup>rd</sup> Feb. 2023, GNITS won Winners title in Throw Ball event.

### Throw ball- Winners



- ❖ In the National level Inter college sports meet held at BITS, Pilani Hyderabad campus, from 2<sup>nd</sup> to 5<sup>th</sup> Feb. 2023, GNITS won Winners title in Throw ball event.

### Throw ball- Winners



- ❖ In the National level Inter college Sports meet, VITIOPIA 23 held at VIT, Amaravathi campus from 24<sup>th</sup> to 28<sup>th</sup> Feb. 2023, GNITS won the following titles:

### Throw ball- Winners



### Kho Kho- Runners



Receiving the Trophies from Olympion Badminton star Ms. P.V. Sindhu at VIT, Amaravathi.



- ❖ In the National level Inter Engineering college sports meet at Aurora;s Technological and Research Institute on 28<sup>th</sup> and 29<sup>th</sup> Feb. 2023. GNITS won Winners title in Singles and Doubles events

**Table Tennis- Singles- Winner:** L. Ramya Sri- IV CSE

**Table Tennis- Doubles- Winners:** L. Ramya Sri – IV CSE and Haniah- I CSE.

- ❖ In the National level Inter Engineering college Sports meet, Phoenix 23 held at Vidya Jyothi Institute of Technology (VJIT) on 2<sup>nd</sup> and 3<sup>rd</sup> March 2023, GNITS won the following titles:

### Throw ball- Winners



### Volleyball- Winners



### Basketball- Runners





### Table Tennis- Winners

Team: L. Ramya Sree- IV CSE and M. Vindhya- II CSD



### Badminton- Runners

Team: Vainavi- II IT and Sriya-II CSM

- ❖ In the National level Inter Engineering college Sports meet, Sports Bout held at Anurag University on 9<sup>th</sup> and 10<sup>th</sup> March 2023, GNITS won the following titles:

#### Throw ball- Winners

#### Kho Kho- Winners



### Volleyball- Winners



- ❖ In the National level Inter college Sports meet held at Mahindra University from 3<sup>rd</sup> to 6<sup>th</sup> April 2023, GNITS won the following titles:

#### Throw ball- Winners

#### Volleyball- Winners



### Badminton- III Place

Team Members: Vainavi- II IT, Sriya- II CSM



- ❖ In the State level Inter college Sports meet, Invicta2k23 organised by K G Reddy College of Engineering and Technology on 17<sup>th</sup> and 18<sup>th</sup> April 2023, GNITS won the following titles:

**Badminton- Singles- Winner: Vainavi- II IT**

**Badminton- Singles- Runner: Sriya- II CSM**

#### Throw ball Winners

#### Basketball- Winners



#### Kabaddi Winners:



- ❖ In the Inter College Sports Meet, Ranarangam 2k23 organised by Institute of Public Enterprise (IPE) on 24<sup>th</sup> and 25<sup>th</sup> April 2023, GNITS won Winners title in Throw ball event.

#### Throw ball- Winners

- ❖ In the Inter Engineering college Sports meet, Khelotsav 2k23 held at GRIET, Hyderabad on 27<sup>th</sup> and 28<sup>th</sup> April, GNITS won Winners title in Kho Kho and Runner title in Chess.

**Chess- Runner: N. Rushmitha- III ECE**

#### Kho Kho- Winners

- ❖ In the State level Silver Jubilee Inter Engineering college Sports meet organised by JBIET on 9<sup>th</sup> and 10<sup>th</sup> May 2023, GNITS won the following titles:

**Table Tennis- Singles: Runner up- M. Vindhya- II CSD**

**Table Tennis- Doubles: Winners- M. Vindhya- II CSD and Harshitha- II ECE**



#### Throw ball- Winners



#### Kho Kho- Winners





## GNITS TEAM PLAYERS

### Throw ball team:

S. Shriya IV-CSE, C. Hari Sahithi III -EEE, M. Supriya Reddy III- CSE, T. Haarini III-ECE, S.V.L. Santhoshi Pavani III-CST, L. Sindu III-CSD, T.A.L. Sravani III-CST, S.Soumitha III-CSE, K. Pranaya III-ECE, G. Neha Reddy II-EEE, C. Mahathi II-EEE, I. Chandana II-CST, T. Srija II-ECE, P. Gayathri II- ECE, M. Keerthana II-ECE , A. Moulika II-ECE, G. Charishma III-CSE,P. Divya III-ECE, Sushmitha II-ECE, Shravya II-ETM , A. Alekhya II-EEE, N.Rashmitha III-ECE , D. Raveena II-CSE , D. Gayathri I-EEE, Madhuri II- EEE, Ashwitha II-CST, Deepti II-ECE

### Volleyball team:

N. Charitha IV-CSE, M. Charishma IV-ECE, G. Poornima III-EEE, G. Pranathi III-CST, S.Manvitha III- CSD, M. Mounika III-ECE, M. Shirisha III-CSD, R. Shodhana III-CSM, M. Anjali II-EEE, K. Harini II- CSE, P. Kavya II-CSD, P. Sathwika II-CSE, V. Rakshitha III-CSE, G. Lavanya II-EEE, P. Sathwika II-CSE, G. Arthi II-IT, J. Richitha II-CSE, G. Sahasra II-ECE, Sneha latha II-ECE, E. Swathi II-EEE.

### Kho Kho Team:

J. Chandrika IV-IT, Ch. Gouthami IV-IT, G. Pravallika IV-EEE, P. Dharani III-CSM, G. Tejaswi III-EEE, G. Someshwari III-CSE, B. Aruna III-ECE, D. Harshini III-ECE, S. Sangya II-IT, S. Meenakshi III-EEE, M. Rajeshwari II-ECE, T. Jyoshtna II-ECE, A. Chandana III-CSE, P. Sri Lakshmi III- EEE, P. Pragyna I-EEE, M. Vikitha I-IT, E. Swapna I-ETM, , C.V. Rishitha II-CSE, A. Hindu Sri III-EEE, D. Anitha II- ECE

### Basketball Team:

K. Esha Reddy IV-IT, M. Kundan Shivani IV-EEE, Sahithi Varma III-IT, Sanugula Srujana III- CST, M. Shradha Rao II-CSE, R.L.N Harshitha II-CSE, Sreenidhi Bontha II-CSE, Divya Soyal Sirvi I-CSM, K. Anjali I-CSM, Bomma Samrithi Reddy I-IT, Popuri Radha Alekya II-CSE, K. Manideepa III-ETM, Ch. Teena Reddy b!-CSM, U. Sai Amogha b!-CSD,

### Kabaddi Team:

S. Shivani III-ETE, K. Swetha III-IT, P. Vandhana III-IT ,K. Deekshitha III-EEE, B. Priyanka II-EEE, D. Sreeja II-EEE, N. Hamshini II-IT, A. Navya II- ECE, P. Nakshathra I-ETE, D. Kaveri I-EEE, R. Neha I-EEE, N. Bhuvana II-EEE.

## EVENTS ORGANISED AT GNITS DURING 2022-23

### A Report on the GNITS Silver Jubilee Sports Day Celebrations 15<sup>th</sup> Dec. 2022

As part of Silver Jubilee celebrations of GNITS, Sports day was organized on 14<sup>th</sup> Dec.2022. To mark this event Sports competitions were conducted for students and staff. The competitions were scheduled from 10<sup>th</sup> Nov. 22 to 12<sup>th</sup> Dec. 22 to conduct competitions in 12 sports disciplines and 2 events each for male and female staff members. The winners received prizes on the Sports day. GNITS Coaches were felicitated for their outstanding contribution and GNITS Sports teams were honoured with Cash incentives for bringing many titles and laurels to the college.

The Chief guest for Silver Jubilee Sports Day was Additional DCP of Telangana SHE teams police Smt. Sirisha Raghavendra. The Vice Chair person Smt. G. SriVidya Reddy, Management member Sri. G. Ekambara Reddy garu graced the occasion, Principal Dr. K. Ramesh Reddy welcomed the gathering. Physical Directress Dr.M.V.L. Surya Kumari presented a brief report on the Sports Achievements of GNITS during 2022-23. GNITS Teams Captains and Vice Captains with Trophies won during 2022 with Dignitaries on Silver Jubilee Sports Day 2022.



Glimpses of the Felicitation to GNITS Coaches and GNITS Teams



GNITS Throw Ball Team

GNITS Volleyball Team



GNITS Kho Kho Team

GNITS Basketball Team



GNITS Throw ball- B Team

GNITS Badminton, Table Tennis and Chess Teams



Victorious GNITS Players with Trophies Won during 2022-23





### GNITS SPORTS AWARD FUNCTION PURASKAR - 23

The sports awards function PURASKAR-23 was organized by the Department of Physical Education on 30<sup>th</sup> May 2023 to honor the GNITS team players of Outgoing batch (2019-2023) with Best Outgoing Player Awards for their Outstanding contribution to the GNITS Sports by winning many titles and bringing many laurels to the college. 11 players from Outgoing batch (2019-2023) received Special Awards. Along with 14 All India Inter University Tournament participants who represented JNTUH in different Sports disciplines during the year 2022-23. Principal, Dr. K. Ramesh Reddy, the chief guest presented the mementos to the player's.



**2019-23 Batch Players who received Out Going Players Awards**



**All India Inter University Tournament Participants 22-23.**



**GNITS Players with Sports and FIT INDIA Staff Committee Members**

### EVENTS ORGANISED BY FIT INDIA AND EBSB CLUBS OF GNITS DURING 2022-23

#### Sankranthi Celebrations at GNITS

Ek Bharat Sreshtha Bharat (EBSB) club of GNITS organized Sankranthi Celebrations on 21<sup>st</sup> January 2023 in the campus. As part of Sankranthi sambaralu, a Kite festival was organized for students and staff members. Around 302 people registered and participated in this event.

A Rangoli competition was conducted for supporting staff of GNITS on 21<sup>st</sup> Jan. 23. In this competition, 7 teams participated. Each team comprised 3 members. The bright colored, neatly made Rangoli by the participants was well appreciated by all. A very delicious Sweet Pongal was prepared by staff members on traditional char coal burner with 10kg newly harvested Rice,

Jaggery, Ghee, Elachi and dry fruits, which is a very nutritious recipe prepared for this festival. This sweet Pongal was distributed to all the participants.



#### 2K Freedom Run at GNITS on the occasion of 74<sup>th</sup> Republic Day Celebrations:

The EBSB and FIT INDIA clubs of GNITS jointly organized 2K freedom Run on the occasion of 74<sup>th</sup> Republic Day celebrations and as part of Azadi ka Amrit Mahotsav on 26<sup>th</sup> Jan. 2023 at 9.30am in the college campus. Around 150 students and staff registered and participated in this event. The event was flagged off by the Chairman Sri. P. Subba Reddy garu accompanied by the in charge Principal, Dr. K. Ramalinga Reddy garu. All the participants participated with great enthusiasm and showed their solidarity to Mother India.





### EBSB Club Day celebrations

The EBSB club of GNITS organized EBSB club day celebrations on 30<sup>th</sup> Jan. 2023 from 1.30 p.m to 4 p.m in the main Seminar Hall, Admin. Block. The Chief Guest for this event was Principal Dr.K. Ramesh Reddy garu. The EBSB activities report from Dec. 2019 to Jan. 2023 was presented by Dr. M.V.L. Surya Kumari, Nodal officer. A video on GNITS trip to Haryana and a power point presentation on EBSB club of GNITS was presented. Principal, Dr. Ramesh Reddy garu addressed the gathering and appreciated the club for organizing various activities from the past 3 years and all the members were honoured with a certificate of appreciation and memento. The winners in various competitions organized by EBSB club received prizes by the Principal. The cultural program by students was the highlight of the celebrations that included Patriotic songs, classical dance and folk dances of Telangana.



### Brief Report on 9<sup>th</sup> International Day of Yoga (IDY) Celebrations at GNITS

The Ek Bharat Sreshtha Bhara (EBSB) and FIT INDIA clubs of GNITS jointly organised 3 events as part of 9<sup>th</sup> Yoga Day celebrations to promote Yoga as a way of life at GNITS. The GNITS Vice Chair person, Smt. G. SriVidya Reddy, Principal, Dr. K. Ramesh Reddy, Staff and students of GNITS participated in good number. Dr.M.V.L. Surya Kumari was the convenor for all these events.

1. GNITS joined as a college partner and participated with 50 member team in the Yoga and Meditation session organised at Organic Gala event at N. Convention, Madhapur on 11<sup>th</sup> June 2023. Yoga session was conducted by Ms. Sharmila, well known Yoga expert and Meditation by Ms. Shama by sound bath guided healing meditation expert from Mumbai.



### 2. A National Webinar on Yoga for Wellness (Virtual)

A National Webinar on Yoga was conducted on 18<sup>th</sup> June 2023 from 10 a.m to 12.30 p.m. The resource persons were eminent Yoga Gurus Dr. R. Nagarathna, Medical Director from SVYASA, National Yoga University, Bengaluru and Yogacharya Brij Bhushan Purohit, Director Namasthae Yoga foundation who spoke on Yoga for Women's health and Yoga for stress respectively. Around 220 participants from GNITS and other

organisations registered and attended. The convenor of the event was Dr.M.V.L. Surya Kumari, Nodal Officer EBSB and FIT INDIA Clubs. The event coordinators were Mr.V.Vikas from ETE department, Mrs. P. Mamata from EEE dept. and Mrs.D.Sri Lakshmi from IT dept.



### 3. 9<sup>th</sup> International Day of Yoga (IDY) Celebrations at GNITS

The 9<sup>th</sup> IDY celebrations started in GNITS college campus at 9 a.m on 21<sup>st</sup> June 2023. The Ek Bharat Sreshtha Bhara (EBSB) and FIT INDIA clubs of GNITS jointly organised 9<sup>th</sup> Yoga Day celebrations to promote Yoga as a way of life at GNITS. Principal Dr. K. Ramesh Reddy, Staff and students of GNITS participated in good number. Dr.M.V.L. Surya Kumari was the Convenor of the event. The event coordinators for 9<sup>th</sup> Yoga day were Dr S. Vasundhara from H and M Dept. and Mrs. Bhageswari Ratkal from CSE Dept. Around 300 students and staff members together performed Yoga protocol. It was followed by Vote of Thanks and National Anthem.



### GNITS Participated in Telangana Run

On behalf of Telangana government, Telangana Police department organized Telangana Run as a part of Telangana Dasabdi Utsvalu on 12<sup>th</sup> June 2023, morning at Necklace Road, Hyderabad. Fifty sports women from GNITS participated in this run. Major. Rakesh Gulati, Campus Administrative Officer coordinated the event and led GNITS team.







## Mechanical Engineering

Venkata Ramana Reddy, M., Assoc. Professor & HOD

Mr. Venkata Ramana Reddy, M has been working in this institute since its inception. He joined as an Assistant Professor in the Mechanical Engineering department and later was regularized for the same position in the year 1999. He was promoted to Senior Assistant Professor in the year 2006. In 2010, he was ratified as Associate Professor. On 1 December 2015, he took the charge as **Head of Department of Mechanical Engineering**.

Mr. M. Venkata Ramana Reddy has received 'Academic Excellence' Award in the year 2008 on Teachers' Day. He worked as ISTE student chapter faculty advisor and secretary and rendered valuable services for more than 2 years. He obtained his Bachelor's degree (B.Tech) in Mechanical Engineering from **S.V. University College of Engineering, Tirupati** in 1996 and Master's degree in Industrial Engineering and Management from **J.N.T.U, Hyderabad** in March 2001. Presently he is pursuing his Ph.D. from Rayalaseema University. He attended many International and National conferences and published a few papers in them. He is also a Life Member of ISTE.

Mr. M. Venkata Ramana Reddy is the **Central Timetable Coordinator** for all UG & PG Courses. From the past 15 years he has been playing a key role as Main Timetable Coordinator and is assisting the individual department Timetable Coordinators in preparing the Timetables for smooth scheduling of the class work for both UG and PG Courses. He is also in charge of the **maintenance works and procurement of furniture for the institution**.

### Department Highlights

- ❖ N. Hiranmai & P.M.S. Hallika guided few Student teams from I B.Tech. I Semester 2022-23 in displaying their High-Fidelity Prototypes as part of a promotion for WILC-2023.



- ❖ N.Hiranmai & P.M.S. Hallika mentored students who participated in YUVA Ideathon on 17-04-2023 during FN session.



- ❖ N.Hiranmai & P.M.S. Hallika screened the students for the final round, YUV Ideathon competition on 17-04-2023 during AN session.
- ❖ N.Hiranmai & P.M.S. Hallika guided and mentored 42 students to participate in SMART IDEATHON organized by GITAM UNIVERSITY. 5 teams out of these placed in top 100 among 850 submissions the competition.
- ❖ N.Hiranmai & P.M.S. Hallika guided and mentored 8 teams (38 students) to participate in HACKFEST organized by PSG iTech. 5 teams out of the eight won in the regional round and are to appear for final round in PSG iTech, Coimbatore.

### Newly Joined Faculty

- ❖ K.Naresh joined as new faculty in Mechanical Department on 04/11/2022.

### Workshops Conducted

- ❖ Conducted workshop on **Design Thinking** on 24/06/2023 in collaboration with Incubation Center, GNITS.



### Paper Publications

1. S.Naga Sarveswara Reddy, published a paper titled: 'Fault Identification Model Using IIoT For Industrial Application' in **Measurement Sensors, Elsevier BV**, ISSN: 2665-9174, Volume:24, Page:100526, Oct-2022. Available online at: [www.sciencedirect.com/journal/measurement-sensors](http://www.sciencedirect.com/journal/measurement-sensors).
2. S.Naga Sarveswara Reddy, M.Yaswanth Kumar, published a paper titled: 'Revamp The Tool Life of High Speed Steel Tool by Cryogenic Heat Therapy' in **Materials Today:Proceedings, Elsevier**, ISSN 2214-7853, serial number:PR-405912-2539D88F9B07. Available online at: [www.sciencedirect.com](http://www.sciencedirect.com).
3. N. Hiranmai, M.V.Ramana Reddy, published a paper titled: 'Effect of Grooves on the Piston Crown in Improving the Performance of Diesel Engine' in **IJSR**, ISSN:2319-7064, Volume 12 Issue 6, June 2023.
4. M. Yashwanth Kumar, published a paper titled: 'Investigations on microstructure, mechanical, physical properties and corrosion behaviour of A356-Al2O3-B4C composites' at ICMech-REC-2023 held at NIT, WARANGAL.

### Workshops/Conferences/FDPs attended by staff members

#### Conferences

1. S. Naga Sarveswara Reddy and M.Yashwanth Kumar participated and presented a technical paper entitled 'Revamp the tool life of high speed steel tool by Cryogenic Heat Therapy' in the 5<sup>th</sup> International conference on advancements in Materials and Manufacturing, **ICAAMM 2022**, ISSN 2214-7853, organized by Dept. of Aeronautical and Mechanical Engineering, MLR Institute of Technology, Dundigal, Hyderabad, Telangana, 16<sup>th</sup> - 17<sup>th</sup> December 2022.
2. S. Naga Sarveswara Reddy participated and presented a paper titled 'Corrosion Characterisation of low alloy CrMoV Steel Before and after Cryogenic Heat Therapy' in the international conference on Innovations and Challenges in Mechanical Engineering (ICICME-2023), organized by Department of Mechanical Engineering, Koneru Lakshmaiah Education Foundation, Guntur District, Andhra Pradesh, 15<sup>th</sup> - 16<sup>th</sup> May 2023.
3. S. Naga Sarveswara Reddy & M.Yashwanth Kumar published a technical paper in International Conference on 'Hydrodynamic Studies of Pressurized Fluidized Bed Gasifier of Conical Distributors' **ICE3MT-2022**, CVR COLLEGE OF ENGINEERING, Mangalpally, Hyderabad, Telangana. (AIP Conference Proceedings)



### Workshops/FDP's

- ❖ **S. Naga Sarveswara Reddy, M. Yaswanth Kumar, D. Niharika, P.M.S. Hallika & K.Naresh** participated in online Faculty Development Program (FDP) on '**Engineering Graphics by AUTOCAD**' organized by the Department of Automobile Engineering, VNRVJIEET, Hyderabad, Telangana, During 3<sup>rd</sup> - 7<sup>th</sup> April 2023.
- ❖ **S. Naga Sarveswara Reddy, M. Yaswanth Kumar, D. Niharika, P.M.S. Hallika** participated in an online Faculty Development Program (FDP) on '**Engineering Drawing Through AUTOCAD**' organized by the Department of Mechanical Engineering, CVR College of Engineering, Hyderabad, Telangana, During 10<sup>th</sup> - 15<sup>th</sup> November 2022.
- ❖ **S. Naga Sarveswara Reddy** attended an online NPTEL+ Work Shop Short Term Course on '**Surface Engineering of Nano-Materials**' by Prof. Koushik Paul, IIT Roorkee, During 8<sup>th</sup>-10<sup>th</sup> December 2022.
- ❖ **S. Naga Sarveswara Reddy** attended One Week Online Short Term-Refresher course on '**Publications, Projects and Patents (PPP-2K22)**' organized by the Department of Civil Engineering, CVR College of Engineering, Hyderabad, Telangana, during 28<sup>th</sup>-4<sup>th</sup> December 2022.
- ❖ **M.Yashwanth Kumar, N. Hiranmai & P.M.S. Hallika** received certificate of Participation from Lendi Institute of Engineering & Technology (Autonomous) for participating online Faculty Development Program on '**Trends & Challenges in the Development of Electric Vehicles & Hybrid Electric Vehicles (Series -I)**' from 26/09/2022 to 30/09/2022.

- ❖ **M.Yashwanth Kumar & P.M.S.Hallika** Received certificate of Participation from Lendi Institute of Engineering & Technology (Autonomous) for participating online Faculty Development Program on '**Trends & Challenges in the Development of Electric Vehicles & Hybrid Electric Vehicles (Series -II)**' from 14/11/2022 to 18/11/2022.
- ❖ **M.Yashwanth Kumar, N. Hiranmai, D. Niharika & P.M.S. Hallika** Received certificate of Participation from Hindustan Institute of Technology (autonomous) for participating Two day National Faculty Development Program on '**Design Thinking to Turn Challenges into Opportunities**' from 27/10/2022 to 28/10/2022.
- ❖ **N. Hiranmai, D.Niharika & P.M.S.Hallika** received NPTEL online certification on '**Design Thinking- A Primer**', during Aug-Sep 2022.
- ❖ **M.Yashwanth Kumar, N.Hiranmai, D.Niharika & P.M.S. Hallika** received certificate of merit for participating in the '**Design Thinking-train The Trainer Workshop**' held at IIIT Hyderabad from 23<sup>rd</sup> April to 24<sup>th</sup> April 2023.

### Awards & certificates received by the staff members

1. **N. Hiranmai** received '**Best Teacher Award**' from InSc-Institute of Scholars.
2. **M. Yashwanth Kumar** Received certificate of merit for first place in Cricket event in the **Silver Jubilee Sports Day Competitions** held at GNITS from 10<sup>th</sup> Nov 2022 to 12<sup>th</sup> December 2022.
3. **P.M.S. Hallika** Received NPTEL online certification on '**Design Thinking- A Primer**' during Aug-Sep 2022 and won silver medal for the exam conducted on 29<sup>th</sup> October 2022.



## COLLEGE LIBRARY - Dr. K. Bharatha Lakshmi Devi, Librarian

**Dr. K Bharatha Lakshmi Devi** obtained her B.Sc. degree from Nagarjuna University, BLISc from Dr.BRAOU, MLISc and Ph.D from Osmania. She has qualified SLET and did PGDLAN from HCU. She has a total of 28

years' experience out of which 24 years are in GNITS. She visited many libraries in abroad like Rutgers Library- New Jersey, Champaign Public library- Champaign, Illinois University library and Biblioteca Universitaria Alessandrina – Rome. She attended and presented 4 International, 6 National conference papers. She is the life member for ALSD, ILA, IATLIS, ISTE & CSE. She is an executive member of ALSD. With her coordination, the college successfully obtained ISO re-certification during 2012-2014. She is the Convener for VCHE (Vivekananda Kendra for Human Excellence), Common Grievance Cell, Editorial board member of Sankethika Bharathi and Coordinator for GNITS hostels.

### Salient Features of GNITS Library

For the academic year 2022-2023 the budget sanctioned was Rs. 40,23000/- for procurement of additional books, National & International journals and Magazines print and online, also furniture for the library and Rs 19, 83133/- lakhs has been spent for the procurement of books and others.

The library is situated in an exclusive space of 15044 sq.ft area with duplex construction, ground floor consisting of Circulation Section, News Papers, Periodicals, Digital Library, Reprography, B.Tech Textbooks and Fiction books & 1<sup>st</sup> Floor Textbooks of B.Tech. Maths, Physics, Chemistry, Management & M.Tech including all Reference Books, Personality Development, Telugu Literature, Social Welfare Books, Project reports, CDS and Video Cassettes, Discussion Rooms and Processing Section.

### Newly Joined Staff

**Name:** Ganta Srinivasa Rao

**Designation:** Sr. Asst. Librarian

### Details of the library collection

Titles	: 9563
Volumes	: 44455 + 3000 (Social Welfare Books)
Foreign Journals & Magazines	: 18 Print Version
Indian Journals & Magazines	: 86
General Journals & Magazines	: 23

### e- Library

We have membership for accessing online journal and e-content as mentioned below. It can be accessed within the campus through LAN

1. IEEE Explore Digital Library
2. J-Gate
3. KNIMBUS
4. DELNET – Database
5. NDL- Database

### Seminars/Workshops Attended by Staff

**Dr. K. Bharatha Lakshmi Devi**

Online Seminar/Workshops attended	- 10
Organized NDLI Events	- 04

### Library Timings

All working days: 9.00A.M. – 7.00 P.M.

Book returns will be allowed up to 5.00 P.M.

Daily 8.30 to 9.00 A.M. & 4.00 to 7.00 P.M. only for reference.

Sunday & 2<sup>nd</sup> Saturdays: 10.00 A.M.–4.00 P.M (only for reference).





# ISTE Student Chapter

**Secretary:** Ch. Hari Prasad, Asst. Prof, ECE, **Faculty Advisor:** Ch. Sudhakar Reddy, Assoc. Prof. IT Dept.,  
**Treasurer:** Bhageshwari Ratkal, Asst. Professor, CSE Dept.

## Faculty Coordinators

Mrs. P.N. Ramya, Asst Prof, IT  
 Mrs. D.R. Nandadevi, Asst. Prof, CSE  
 Mr. Ch. Leela Krishna, Asst. Professor, EEE  
 Mrs. P. Sreesudha, Asst Prof, ETM  
 Mr. Dr. P. Chandasekhar, Asst. Prof, ECE  
 Mrs. Dr. M. Nagasree, Sr. Asst. Prof. H&M

## Student Committee

President: M.Sneha, ECE  
 Vice President: N. Masawini, CSE  
 Aishwarya Dande, IT  
 Sheela Sangeetha. ETM  
 Finance Secretary: Jadi Meghana, EEE  
 Secretary: Nandika, CSE

The **Indian Society for Technical Education Student Chapter** at **GNITS** has worked rigorously towards its aims by conducting various events at college and National level. Being the largest Students Chapter, it is very active with its activities spread throughout the academic year. The feedback for the chapter inspires us to do better and scale new heights.

- Under ISTE Students Chapter Engineers Day was celebrated in presence of the guest of honor Shri P. S. Reddy Scientist 'G' Technology, Director (SNIT) on 15<sup>th</sup> September 2022, and he awarded '**Young Promising Engineer**' for the academic year 2022-23 to the following list of B.Tech Final Year Students from each department.

## ISTE List of Young Promising Engineers, Academic Year 2022-23

Sl. No.	Department	Regd. No.	Name of the Student
1	CSE	19251A05B1	Keerthana Pravallika Samudrala
2	ECE	19251A0496	Mounika Pamarti
3	EEE	19251A0267	Bollu Raja Rajeshwari
4	IT	19251A1242	Tejaswi Pitchuka
5	ETM	19251A1746	Abhigna Nadupalli

- As part of silver jubilee celebrations of GNITS '**A One Day National Level Technical Symposium IGNIUM 2K22**' was conducted on **26<sup>th</sup> November 2022** under ISTE Students' Chapter with main events such as Technical Paper Presentation, Poster Presentation, Project Expo, Hackathon, along with 6 exciting department level parallel events with following list of Main and parallel events as scheduled at the respective venues.
- In The valedictory function of IGNIUM 2K22 Annual Techfest which was held on 26<sup>th</sup> November 2022 at 3:00PM, Winners of all the events organized and conducted were awarded.
- A total of 850 students from GNITS and other engineering colleges in and around Hyderabad have participated in various events conducted. Overall feedback was positive and overwhelming.

## IGNIUM 2K22 National Level Technical Symposium 26<sup>th</sup> of November – 2022 Main Events Schedule

09.30 AM to 1:00 PM	Paper Presentation (Department wise)
09:30 AM to 1:00 PM	Poster Presentation (Department wise)
10:00 AM to 1.00 PM	Project Expo/ Coding Hackathon/Techathon (Hardware /Software)
01:00 PM to 2:00 PM	LUNCH
03:00 PM to 4:30 PM	IGNIUM Valedictory Function

## Parallel Events Schedule

Dept.	Event	Event Timings	Venue of the Event
CSE	1. ESCAPE ROOMS 3.0 2. TECH-WHIZ	10.30AM - 1.00 PM	CSE Block
ECE	TECHV VISTRA	10.30AM - 1.00 PM	ECE Block
EEE	QUIZZE BUZZI	10.30AM - 1.00 PM	EEE Block
ETM	CRISS-CROSS	10.30AM - 1.00 PM	IT Block
IT	JEST TERRAIN	10.30AM - 1.00 PM	IT Block

## Kindle the Knowledge within



Young Promising Engineers for the Academic Year 2022-23 along with Chief Guest Shri P.S. Reddy DRDL, Director (SNIT), Principal Dr. K. Ramesh Reddy, Vice-Principal Dr. K. Ramalinga Reddy, HoD's, ISTE Faculty and Student Coordinators on the Occasion of Engineers Day Celebration on 15/09/2022

## Paper Presentation CSE Department



## Paper Presentation ECE Department

## Project Expo ECE Department



## Hackathon IT Department

## Paper Presentation IT Dept.



## Valedictory Prize Distribution CSE Department

## Valedictory Prize Distribution ECE Department

## Valedictory Prize Distribution EEE Department





Valedictory Prize Distribution  
ETE Department



Valedictory Prize Distribution  
IT Department

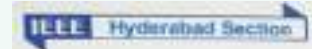


Group Pic: ISTE Faculty, ISTE Student EB, Student Coordinators,  
HODs of All departments, Vice Principal

## Coverage in Local Newspaper SAKSHI dated 28/11/2022



## GNITS IEEE & WIE STB ACTIVITIES



Student Activity Centre : IEEE SB 64991 & WIE-GNITS, IEEE SB President: **Dr. K. Ramesh Reddy**

SB Vice President: **Dr. N. Malla Reddy**  
WIE Advisor: **Dr. Renuka Devi S M**  
IEEE SB Counselor: **Dr. T. Himabindu**

Department coordinators  
**Ms. K. Swarna Latha**, Asst. Prof, EEE  
**Ms. B. Amrita**, Asst. Prof, CSE  
**Ms. D. Vandana**, Asst. Prof, IT  
**Ms. Pranathi**, Asst. Prof, ETE

**Ms. G. Madhavi**, Asst. Prof, ECE  
**Dr. Sushma**, Asst. Prof, H&M  
**Ms. I Radhika**, Asst. Prof, BS

Students Executive committee  
**Bhanu Nasaira**, ECE - SB Chair  
**V. Nanditha**, ECE - Vice Chair  
**C. Madhuri**, EEE - SB Secretary  
**A. Satwika**, CST - WIE Secretary

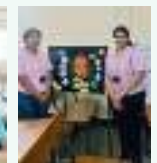
**Jhansi Laxmi**, EEE – Treasurer  
**Content Writing & Design**  
**B. Sreeja**, CSTS. Meenakshi, EEE

Photography Team Head  
**Sri Vaishnavi**, EEE  
PR Head : **K. Sahithi** CSE -PR Head

PR Co-Head:  
**B. Keerthi**, IT  
**C. Poojitha**, CSE  
Chapters Advisor:  
IEEE IES : **Dr. T. Himabindu**  
IEEE PELS : **K. Swarna Latha**  
IEEE Sensors Council: **Dr C Padmaja**

IEEE SB GNITS has 19 IEEE Student Members. Following events were organized by IEEE SB GNITS.

1. **IEEE DAY** was planned on 12-11-22 with inauguration of Industrial Electronics Society (IES), Sensor council society, by IEEE Hyderabad section ExCom members: **Dr. Sai Kumar Tara**, **Ms. Sangeeta** and **Mr. Pranay**. Also a distinguished lecture was organized from **Dr. Sanjib Kumar Panda**, Associate Professor, Director of the Power & Energy Research, NSU (Singapore), on 'Plug and Play Operational Approach for Implementation of an Autonomous-Micro-Grid System', next **Dr. Harinatha C. Reddy**, Prof. EEE Dept., GPREC, addressed on the topic functioning of the societies. IEEE SB has organized various technical events under AMPHITECH namely, Web speed, Techdiz, Tech Artistry, Tech flyer, Physshoot. Around 200 students participated in the above events.
2. Three of the IEEE SB ExCom members were sponsors for the event Seasonal School On 'Sensors for Industry 4.0: Roles, Challenges and Applications', organized by IEEE Hyderabad section at IIITH.
3. IEEE ExCom members **D. Harshini** & **Punna Shivani** 3<sup>rd</sup> Yr. CSE, **K. Krithi** 4<sup>th</sup> Yr. IT, as a team participated in IEEE Xtreme 16.0, and scored national level rank of 436.
4. IEEE SB conducted VIDYOUTH 2023 on 16-06-2023. Around 180 students participated in Events like Olympiad, Paper & Poster presentation, Technical quiz with great enthusiasm.
5. On 16-06-2023, inauguration of Power Electronics Society Chapter was done with **Dr. Sanjib Kumar Panda**, Regional Chair, R-10, **Dr. K. Srinivas Bhaskar**, India liaison officer, **Dr. C. Harinatha Reddy** Chair PES/IAS/PELS Jt. Chapter joined online with **Dr. D. Hari Krishna** Secretary PES/IAS/PELS, **Dr. PV Rajgopal** Senior Member IEEE addressing the gathering in offline mode.







Dr.S.Ramacharan  
Coordinator



Dr G. Malini Devi  
Co-Coordinator

### 2022-23 I-Cell Activities

- ❖ Smart India Hackathon(SIH) Winners August 25-26, 2022
- ❖ Hackwithinfy 2022 – August 29, 2022
- ❖ Space Apps Challenge Event (Nationals October 1-2 2022)
- ❖ Idea Pitching Contest on 'Sustainable Development Goals' under GNITS I- Cell in Association with Anveshana (October 20, 2022)
- ❖ Meghathon 2022 IIITH (22-23 October 2022)
- ❖ VNR VJIET – VJ Hackathon (November 4-5 2022)
- ❖ 2 teams shortlisted for Enlite 2021 finalist
- ❖ National Youth Day celebrations on 12-01-2023
- ❖ **TOYCATHON** for all B.Tech and M.Tech students on **25/01/2023**
- ❖ National Science day celebration on 28-02-23
- ❖ Google solution challenge hackathon 28-03-2023
- ❖ **Eco championship Hackathon conducted by TS pollution control board (June 2023)**

### Smart India Hackathon(SIH) Winners August 25-26 2022

Two Teams from GNITS were selected for SIH 2022 finale. One team participated for hardware edition at Bangalore, Karnataka and other team participated for software edition at Kochi, Kerala. GNITS team has won SIH 2022 I prize at Kochi under software edition with a cash prize of 1 Lakh.

#### SIH Software Edition @ Kochi Kerala

Team: **TechHustlers**

Org: Department of Telecommunications (DoT)

Problem Statement: **Caller ID Spoofing**

#### Team Members:

Shirisha, Greeshma from ETM

Pravalika, S. Divya from CSE

Vaishnavi, Charitha from EEE

**Mentors:** Mr.V.Vikas, Mr.A.Chandra Shekar from ETM



### SIH Hardware Edition @ Bangalore Karnataka

#### Problem statements

To innovate Smart materials that change their behaviour based on environmental conditions i.e, taking the carbon out of carbon dioxide, and returning the dioxide back to air.



### Hackwithinfy 2022 – 29 August 2022

Ms A Shivani Reddy participated in Hackathon (HackwithInfy

2022) organized by Infosys Pune DC with a problem statement on '**Hazardous Workplace monitoring**' at Pune and won a cash prize of 2 lakhs. Team size of 5 members nationwide participated and she is the only woman participant from South India.



### Space Apps Challenge Event (Nationals 1-2 Oct 2022)

The International Space Apps Challenge is an international mass collaboration focused on space exploration that takes place in different cities around the world.

The event embraces collaborative problem solving with a goal of producing relevant open-source solutions to address global needs applicable to both life on Earth and life in space. NASA is leading this global collaboration along with a number of government collaborators and over 100 local organizing teams across the globe.

**DATE: 1st – 2nd OCT, 2022**

**DURATION:** 24 hours

**LOCATION: Chandigarh University, Chandigarh.**

Results:

- Among 30 teams, 3 teams from G.Narayanamma Institute of Technology and Science were selected for the next round of the International level of hackathon.
- The winners will be participating in International level of Space Apps Virtually.



### Idea Pitching Contest on "Sustainable Development Goals" under GNITS I- Cell in Association with Anveshana (20-10-22)

Gnits I-cell has organized an Idea Pitching Contest on '**Sustainable Development Goals**' in Association with Anveshana on 20-10-2022(Thursday). 47 Teams participated and presented their ideas in the areas like Urban agriculture, Waste management, Healthcare monitoring, Women safety, etc. Three best ideas were conferred with cash prizes of Rs 3,000, Rs.2,000 and Rs.1,000 and the shortlisted teams will implement their ideas and present the same in Anveshana 2022.





### Meghathon 2022 IIITH (22-23 October 2022)

e-Cell of IIIT Hyderabad organized Meghathon 2022. GNITS students of III CSE & ECE participated and won third prize in this event.



### VNR VJiet – VJ Hackathon 4-5 Nov 2022

CSI students' chapter of VNR VJiet in collaboration with computer Science & Engineering department organized VJ Hackathon 2022 (Victory & Joy in smart Innovations) on 4-5 November 2022. One of our GNITS IT final year students participated and won first prize with a cash prize of Rs. 10,000



**Problem Statement-** 'Minimizing intermediaries in the Agricultural Market'.

### Enlite 2021 Finalists-Award ceremony Dec 2022(Present final year students)

#### 1. Bio Medical Waste – Remedi

- Amulya Dasari G
- Shriya Sripada
- S. Lekhana Chowdary
- Afshan Khan

#### 2. Nursery Café

- Rishitha Chakirala
- Yada Vaishnavi
- P. Alekhya
- Challa Sai Charitha

### National Youth Day celebrations on 12-01-2023

GNITS I-CELL has organized National Youth Day as part of MHRD celebration event. Around 50 students and faculty participated in this program. I-cell has conducted various technical and non-technical events for students as well as staff.

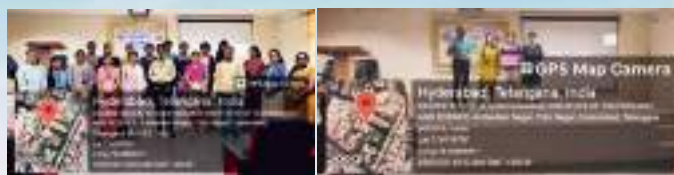


### Toycathon event for all B.Tech and M.Tech students on 25/01/2023

GNITS I-CELL has organized Toycathon event for all B.Tech and M.Tech students on 25/01/2023 from 9AM to 3PM. Around 35 students have taken part in this event. The main motto of this event is to provide a platform for students to develop toy or game. It is a part of 'AatmaNirbhar Bharat Abhiyan' initiated by our Hon'ble Prime Minister, Shri. Narendra Modi, Toycathon event is conceived to challenge India's innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture, mythology and ethos.

#### FOCUS OF TOYCATHON

- ❖ Toy/Games concepts based on Indian civilization, heritage, culture, mythology, history, ethos, technology, ethnicity, national heroes and important events
- ❖ Toys for specially-abled/ Divyanga children
- ❖ Boosting physical and mental fitness
- ❖ Using eco-friendly, indigenous, non-hazardous or recycled material
- ❖ Focus on promoting Vedic Mathematics
- ❖ Encouraging national unity and respecting the cultural diversity.
- ❖ Supporting missions like Swatch Bharat, Beti Bachao Beti Padhao, Environment Conservation, Climate Change, Digital India, Skill India, Ek Bharat Shreshtha Bharat.
- ❖ Rediscovering/redesigning traditional Indian toys
- ❖ Toys for pedagogy (for teaching students' difficult concepts in Math, Science, Languages, Social Sciences, etc.).



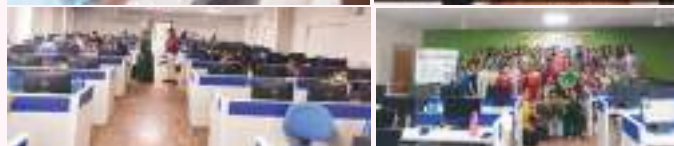
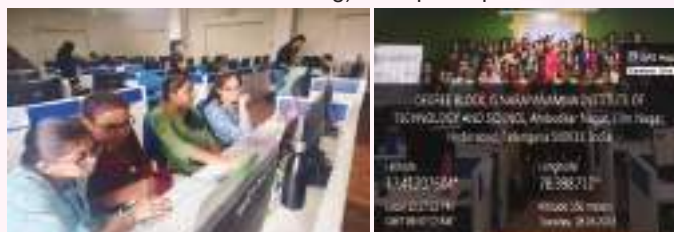
### National Science day celebration on 28-02-23

GNITS I-CELL has organized National Science day celebration on 28-02-23. On this occasion, technical quiz competition and Technical Jam events were conducted. Around 100 students participated very enthusiastically.



### Google solution challenge hackathon 28-03-2023

GNITS I-Cell in association with GDSC (Google Developer Student Club) has organized Hackathon on Google Solution Challenge for B.Tech students. Themes related to Sustainable Development Goals (No Poverty, Zero Hunger, Good Health and Well Being, Quality Education, Gender Equality, Clean water and Sanitation, Affordable and Clean Energy). This hackathon helped students to showcase their ideas at International platform (Google Developers). Around 20 teams (57 students who were shortlisted after initial screening) have participated in this event.



### Eco championship Hackathon conducted by TS pollution control board(June 2023)

Total 25 teams were shortlisted for Water Theme and out of which 7 were from GNITS.

Total 27 teams were shortlisted for Plastic Theme and out of which 8 were from GNITS

SUP Slayer (2<sup>nd</sup> prize ₹ 35000)

B.Nandini -EEE B 2<sup>nd</sup> year

B.Sai Anvitha Reddy - EEE B 2<sup>nd</sup> year

Be a Savior- Refuse single use plastic for sustainable future. Let's reduce, reuse and recycle (3<sup>rd</sup> prize ₹ 20000)

Bhavagna Nagiseti, 21251A3648, CST

Nishitha Makam, 21251A3617,CST

Gayathri Manchikanti, 21251A6748, CSD

**The event was coordinated by BS dept in coordination with I-Cell.**

#### Coordinators:

Dr. Syamala Devi, Mr. B Rakesh Goud, Mr. V Vikas





# इवलइक्रुथी

## 2022-2023



### OVERVIEW

Samskruthi is a dynamic hub of creativity, talent, and cultural diversity. Through engaging activities, thought-provoking discussions, and interactive workshops, we aim to ignite your curiosity and expand your horizons.

As a member of Samskruthi, you'll have the opportunity to showcase your talents, explore various art forms, and create unforgettable memories with fellow enthusiasts. Our diverse lineup of events, workshops, and collaborations will nurture collaboration, self-expression, and personal growth.



### VALEDICTORY, 2022

The academic year 2022-23 started with a fond farewell to the batch of 2022-23, marking the beginning of a new chapter. As we bid adieu to our fellow students, we also welcomed a fresh wave of enthusiasm and excitement. Amidst this transition, our annual magazine 'KRITHI' captures the spirit of GNITANS, expressing the anticipation leading up to events and showcasing the dedication of our entire team. This vibrant publication is a testament to the hard work, creativity, and unity that define our college community. We also introduced our beloved club mascot, Krithi, accompanied by her trusty sidekick, Sam the pigeon. Krithi, a symbol of creativity and uniqueness, embodied the vibrant energy and passion of Samskruthi. Together with Sam, they inspired us to soar beyond boundaries and explore the limitless possibilities within the realms of art and culture.

### EXECUTIVE TEAM, 22-23

The next item on our agenda was the election of the Executive Team of Samskruthi for the year 2022-2023. After a rigorous selection process, we proudly announced the team, led by Convenor Ms. Sargantha and supported by President Anshya Dattari, Senior Vice Presidents Grace Megha and Rucha.D, Secretary V. Poorna, Treasurer Pankhuri Gupta, Vice President D.V. Nakshatra, Joint Secretary Sriti Vernecha, Finance Chair Sima, Events Chair Sudhisha, Broadcast Chair Sneha.Santhia, Sports Co-Chair Meghana, Publicity Chair Sarween Fatima, and Creative Chair Nikhita Reddy. Their unwavering dedication and commitment promised to drive Samskruthi to new heights of success.

### NIRVANA, 2022

The newly formed Executive team kicked off their tenure by organizing an unforgettable mini-fest, NIRVANA. This event invited everyone to embark on a nostalgic journey back to the vibrant 90s. With a unique ideology and a divergent approach, Samskruthi brought forth a Vintage-themed experience like no other.

On the 19th of October, participants found themselves immersed in the infectious groove of bhaktas, chunios, and the timeless pop classics that defined the era. NIRVANA offered an array of engaging activities, including creative workshops on candle making, pottery, and glass painting. Attendees also indulged in captivating movie screenings, a thrilling gaming competition, and a mesmerizing runway where they proudly showcased their unique styles with a vintage twist.



### DECEMBER, 2022

Samskruthi not only excelled in organizing its own events but also played a vital role in supporting faculty and coordinators behind the scenes for the grand Silver Jubilee celebrations. This remarkable three-day event showcased the seamless collaboration of all college clubs, each fulfilling their responsibilities with precision and excellence. While diligently contributing to the success of the Silver Jubilee, Samskruthi also dedicated itself to hosting its own December mini-fest. Embracing the essence of tradition, we reintroduced beloved classic Christmas for games, infusing them with a fresh twist. This harmonious blend of cherished traditions and innovative elements elevated the festive spirit, leaving a lasting impression on everyone involved.

### THE DECCAN PROJECT X SAMSKRUTHI, GNITS

After the success of NIRVANA, our club set its sights on a more ambitious endeavor. We eagerly prepared for the Deccan Project x GNITS event, a highlight of the NERVE sports fest. The event promised an unforgettable musical experience, featuring one of the city's best bands, THE DECCAN PROJECT. With our expectations snowballing into reality and exceeding them, the momentum only served to further fuel our determination. The participation and support from our club members and the GNITS community were overwhelming. As the event approached, we knew it would be a night filled with good music, cherished memories, and an electrifying atmosphere. The success of the Deccan Project x GNITS event exceeded our expectations, reinforcing our belief in our abilities and inspiring us to strive for excellence in all our future endeavors.



### WILC23

Just when we thought things were cooling down, the club members of Samskruthi were given the opportunity to be part of the Women in Leadership Conclave, focusing on the theme of "Women in Art." With enthusiasm, they actively participated in social media management and sponsorship, creating a vibrant atmosphere for participants to explore the diverse roles of women's leadership and artistic expression. What made this event even more special was our collaboration with students from different parts of the student body and other clubs, harnessing collective wisdom and talents to create a tapestry of ideas and innovation. This interclub collaboration amplified our impact, fostering unity among all participants. The Women in Leadership Conclave showcased our dedication to empowering aspiring women leaders and driving positive change within the GNITS community. Together, we proved the power of collaboration in achieving remarkable outcomes.



This past year has been a wild ride, filled with unexpected challenges and remarkable achievements. We pulled off things we never thought possible, thanks to the unwavering dedication of our convenor, executive team, and the cultural club representatives who form the core of our club. Together, we proved that unity and collaboration are the keys to success. We are grateful for the support we received and look back with pride on the impact we made in the GNITS community and for the cultural club representatives. As we reflect on this journey, we are filled with hope and excitement for the year ahead. Here's to hoping that 23-24 will be another fantastic year for Samskruthi, where we continue to give more to the GNITS student community and the cultural club representatives. We are determined to do even better and achieve greater heights.

HOPING TO CONTINUE SOARING BEYOND BOUNDARIES,  
-THE SAMSKRUTHI TEAM



# LITERARIA CLAVA

Mrs. Anupama Venugopal, Convenor, Asst. Professor of English, H&M



Literaria Clava, the literary club of GNITS was christened in 2011. The main objective of the club was and is to inspire students to delve into literary critique and analysis, along with a sense to develop an appreciation for literature. It is a kaleidoscope of talents, encouraging every literary representative to be a leader and propel others in the field of literature and learning beyond the box.

## Significant Events 2022-23 2022

### Nebulous - Unravel the Haze



An event where the students witnessed a series of fun-filled literary activities as they travelled past heavenly bodies in the land of Nebulous.

### The Thespian Tutelage

A theatre workshop was conducted which helped students discover how to work with characters and the process of portraying them. The main motive to conduct this workshop was to create a fun-based environment where students can explore themselves.



## ICICC



Commencing with the inauguration of annual official silver jubilee celebrations, Literaria Clava proudly marched in a rally of all the student clubs and brought light and shine that reflected the unity and spirit of literature among its members.

### Regalia - A Subliminal Legacy



On the 24<sup>th</sup> November, 2022, Literaria Clava organized an inter-collegiate fest where a plethora of literary events were conducted. These events aimed to enhance communication skills and confidence among students across all the years.

## 2023

The Women in Leadership Conclave took place on March 8<sup>th</sup> and 9<sup>th</sup>, engaging numerous Literary Representatives across various teams including The Editorial Team, Women in Tech theme, Women in Policy theme, among others.



# Civil Engineering Department

Mr. T. V. Rammohan Reddy, Head

Mr. T.V.Rammohan Reddy did his B.Tech. in Civil Engineering from Vijayanagar Engineering College, Bellary and M.Tech. Transportation Engineering from JNTU Hyderabad. Later he did his M.B.A – HRM from Sri Krishnadevaraya University, Ananthapuramu. He is pursuing Ph.D. at JNTU-A. Mr. T. V.Rammohan Reddy has been associated with GNITS since its inception and with the GPR Trust for the past 28 years. The construction of all the buildings, Landscaping, Hardscaping and Sports grounds in the campus, has been an effective work output of Mr. Reddy. He has been Steering Committee Member for various National and International Conferences held in the college. As Head - Department of Civil Engineering, he maintains the facilities in the campus.

**Civil Engineering department has attended to the following work during the last one year –**

- 2 wheeler parking space developed outside the campus

- Generator Room and Canteen were dismantled and relocated
- Exit Staircase built on the N-W side of the Administrative Block
- Painting and miscellaneous work done in the new Deans and HoDs Rooms
- Assisted in organizing the Silver Jubilee Celebrations, President's visit and Women in Leadership Conclave 2023

### On-going projects

Construction of Toilet Block between CSE and ECE is in progress with 3 floors slab work completed Footing work in progress for Innovation & Incubation Block





## Hon'ble president Smt. Droupadi Murmu visit – 29<sup>th</sup> December, 2022



Hon'ble President **Smt. Droupadi Murmu's** visit to GNITS on 29<sup>th</sup> December, 2022 on the occasion of **SILVER JUBILEE CELEBRATIONS** and **AZADIKA AMRITH MAHOTSHAV** along with the Hon'ble Governor of Telangana **Smt. Tamilsai Soundara Rajan**, Hon'ble Minister of tourism of India **Shri G. Kishan Reddy**, Hon'ble Minister of ST welfare and Women and Child welfare of Telangana **Smt. Satyavathi Rathod**.

Hon'ble President facilitated by **Shri. P. Subba Reddy** Chairman, GNITS and **Mrs. G. Srividya Reddy** Vice-Chairperson, GNITS.

## Silver Jubilee Celebration – 24<sup>th</sup>-25<sup>th</sup> December, 2022



Release of Booklet on women safety by **Smt. Sirisha Ragavendra** DCP Commissioner of Police, SHE Teams on the occasion of cultural and sports day on 24<sup>th</sup> December, 2022.



Release of Silver Jubilee Souvenir by **Prof. Katta Narasimha Reddy**, Vice-Chancellor, JNTUH Hyderabad on 25<sup>th</sup> December, 2022.

## Graduation Day: BATCH 2019-23



**Smt. Rama Devi Lanka**, Director, Emerging Technologies, state of Telangana CHIEF GUEST and keynote speaker on 30<sup>th</sup> May 2023 felicitated by **Shri G. Raghava Reddy**, Chairperson GNITS.



**Smt. Gaddam Padmaja Reddy**, acclaimed Kuchipudi Dancer and Guru, credited with receiving the Kakatiyam dance form gracing the occasion CHIEF GUEST and keynote speaker on 31<sup>st</sup> May, 2023 felicitated by **Mrs. G. Srividya Reddy**, Vice Chairperson, GNITS

## Engineering Education Excellence Award



Receiving **Engineering Education Excellence Award** in 37<sup>th</sup> Indian Engineering Congress organized by IEI Chennai, on 16 December 22.

## Women In Leadership Conclave - 2023



**Ms. Jennifer Larson**, U.S. Consul General Keynote speaker with **Mrs. G. Srividya Reddy** Vice-Chair person, GNITS during Women in Leadership Conclave'23. During the opening ceremony of WILC held during 8<sup>th</sup>-9<sup>th</sup> March, 2023 as part of International Womens' day Celebrations.