

Newsletter

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Sri Indu College of Engineering & Technology

An Autonomous Institution Under UGC

Recognized under 2(f) and 12(B) of UGC Act 1956

NAAC & NBA Accredited, Approved by AICTE and Permanently affiliated to JNTUH, Hyderabad.

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CHAIRMAN'S MESSAGE

I strongly believe in the message given by Swami Vivekananda where he defines that “Education is the life-building, man-making character-making, assimilation of ideas”. It is from this perspective, as the Chairman of Sri Indu Group of Institutions, I have been striving hard towards making this Group a better academy by providing its community of students and teachers with innovative, challenging ways to think about what they are doing and by allowing them to figure out the best ways to accomplish their goals. During the past four decades, there has been a phenomenal expansion of technical education facilities in the country. The growing body of scientific and technical knowledge and its repeated obsolescence call for more frequent occupational updating. Education has to be provided to all, and at the same time, the quality of education has to be maintained, irrespective of the quantitative expansion of study.



It gives me immense joy to affirm that Sri Indu group of institutions, having completed 43 years successfully, has grown into one of the best institutions and is rated as one of the leading Groups in Hyderabad, Telangana State. Sri Indu group of institutions is a multi-campus academic unit spread over Vanastalipuram, Vaidehi Nagar, Sheriguda in Hyderabad and three more Academic Institutions in Dubai, Doha and Wukair, thus making this Group an Academy of International rank and grade. While Vanasthalipuram campus houses Loyola Group of Schools, established in 1979, Vaidehi Nagar campus accommodates PG College and Sheriguda campus provides accommodation for Two Engineering Colleges, One College of Pharmacy and One PG College MBA (OU).

One of our Engineering Institutions in Sheriguda , SICET is an Autonomous Institution under UGC, Recognized under 2(f) and 12(B) of UGC Act 1956, approved by the All Indian Council of Technical Education (AICTE), Accredited by NBA and NAAC and an ISO 9001:2000 Certified College and Permanently Affiliated to JNTUH.

Engineering education has become synonymous with a better standard of living. Besides the acquisition of technical skills, the need of getting oneself familiarized with soft skills like communication skills, organizational skills, crisis management skills, public relations skills etc. has gained appreciable momentum. I am striving very hard to mold Sri Indu Group as the model Institution in not merely getting the students prepared for the potential job market but also instilling in them much needed enthusiasm even to work for the nation to meet the social aspirations of our country. I strongly believe that the engineers of today, by their innovative ideas, their problem-solving attitude and, of course, a humanitarian bent of mind, can establish a better world where people of all nations may live in harmony and peace. By and large, I express my deep sense of commitment to the overall development of the student community of Sri Indu Group of Institutions.

Sri. R. Venkat Rao, Chairman

SECRETARY'S MESSAGE

Education must be conceived as an interdisciplinary concept as a factor of multidimensional development, of which, man is both the end and the instrument. Education so conceived helps in the continual growth of personality, steady development of character and qualitative improvement of life. More and more objective and scientific methods of quality determination and evaluation have to be adopted in institutions of higher learning. This can be achieved under the guidance of a competent, qualified, experienced and responsible head of the institute.



It gives me immense pleasure and I feel proud in stating about Sri Indu Group of Institutions which have completed 40 years successfully under the leadership of its Chairman, an eminent academician, who always operates with a vision towards the development of an institution. He is as much instrumental as the engine of a train.

Our laboratories are well-equipped with state-of-the-art equipment and all the computers in the campus are equipped with high-end configuration, Wi-Fi enabled Campus and an internet facility. The most modern and high-tech Central Library with national and international journals and magazines, and online journals like IEEE, ASME and J-Gate certainly create a congenial ambiance for an ideal engineer in the making to grow.

I am really happy that despite the slowdown of the economy, Sri Indu has succeeded in bringing various good companies to its campus for placements. Sri Indu Group believes in bridging the gap between Industry and Research of the students who joined to make them apt for facing the challenges of industry and society

Sri. R. Anup Chakravarthy, Secretary

The Following prestigious institutions are established and serving for the cause of technical and nontechnical education

1	1979	Loyola Model High Schools (Primary wing)
2	1980	Loyola Model High Schools (High School wing)
3	1988	Loyola Model Jr. College
4	1990	New Loyola Model Degree College
5	1991	New Loyola Model PG College
6	1992	Loyola Montessori House (Play Schools)
7	1993	New Loyola Law College
8	1997	Sri Indu College of Education (B.Ed)
9	2001	Sri Indu College of Engineering & Technology (Autonomous)
10	2001	Sri Indu PG College (MBA & MCA)
11	2003	Sri Indu Institute of Management (MBA & MCA)
12	2004	Sri Indu Institute of Pharmacy
13	2006	Sri Indu Institute of Engineering & Technology (Formerly RVR)
14	2012	Loyola International Schools (DOHA & WUKAIR)

COURSES OFFERED

B.Tech.:	
Civil Engineering	Artificial Intelligence and Data Science
Electrical and Electronics Engineering	Data Science
Mechanical Engineering	CSIT
Electronics & Communication Engineering	Cyber Security
Computer Science & Engineering	Internet of Things (IOT)
Information Technology	M.Tech.: CSE & Embedded Systems
Artificial Intelligence and Machine Learning	

PRINCIPAL'S MESSAGE:

It gives me immense pleasure to note that the Newsletter of SICET (Volume-3 Issue-3 July-December 2022) is being released. It projects and showcases the multifarious activities of the college in pursuit of achieving excellence in technical education and fulfillment of its mission. I am happy to learn that the newsletter is highlighting the activities of the college. I congratulate the staff and students for their achievement. I wish that everyone continues their untiring efforts to grow to further high standards and congratulate all the editorial members for releasing this newsletter. The college creates a highly competitive and collaborative environment to innovate, initiate, and pursue many student-centered activities that enhance leadership skills and increase the knowledge base, outside of classroom also.



Dr. G. Suresh

Principal
B.E.,M.E.,Ph.D.
ISTE(LM),IETE

Vision of the Institute

To be a premier Institution in Engineering & Technology and Management with competency, values and social consciousness.

Mission of the Institute

IM₁: Provide high quality academic programs, training activities and research facilities.

IM₂: Promote continuous industry-institute interaction for employability, entrepreneurship, leadership and research aptitude among stakeholders.

IM₃: Contribute to the economical and technological development of the region, State and Nation.

RECRUITERS



ACHIEVEMENTS:

- 1177 placements in the academic year 2022-23, still placements are in progress.
- Accredited by NAAC.
- Accredited by NBA under Tier-1.
- Received Certificate of Recognition in the band “**PROMISING**” under the category Colleges/Institutes (private/self financed/Technical) in All India “**Atal Ranking of Institutions on Innovation Achievement(ARIIA) 2021**” a flagship program of the Ministry of Education, Govt. of India on 29th December 2021.
- Collaboration with CISCO Networking academy.
- Collaboration with ServiceNow & SAP students Training Partner.
- College is recognized as an Active Local Chapter by SWAYAM NPTEL, IIT Madras in 2022.
- 357 Faculty and Students received SWAYAM-NPTEL Certification from IITs and IISc.
- Sri Indu Practice hub bagged 1st Prize by AICTE from Telangana State for startup and Mentorship Program.
- Received Appreciation certificate for waste Management from ITC Group.
- 5735 MOOC online certificate courses completed from COURSERA by Faculty and students from reputed foreign universities.

SALIENT FEATURES OF INSTITUTION

- ❖ Established in 2001 with Excellent Infrastructural facilities, just 14 km away from LB Nagar & 3 km from Outer Ring Road.
- ❖ Approved by AICTE & Permanently affiliated to JNTUH, Hyderabad.
- ❖ An Autonomous Institution recognized Under 2(f) and 12(B), of UGC Act 1956.
- ❖ ISO 9001 : 2000 Certified College.
- ❖ NAAC & NBA Accredited.
- ❖ Institute headed by top-notch professors with more than 31 years of teaching, research and administrative experience.
- ❖ College possesses highly qualified and dedicated staff.
- ❖ Available high-speed internet facility including WiFi.
- ❖ College has acquired institutional membership of IEEE, ASME, CSI, ISTE, IETE DELNET, UGC N-LIST, NPTEL and NDL.
- ❖ Institute's R & D Division developed its innovative products designed and fabricated by its students
- ❖ English Communication Skills lab with state of the art equipment.
- ❖ Organizing Guest Lectures/Conferences/Seminars/Webinars as part of co-curricular activities by inviting renowned academicians and industry experts.
- ❖ Organizing Personality Development Programmes/Self empowerment Programmes and CRT Classes for 2nd, 3rd and 4th years.
- ❖ Value added Certification Training Programmes like AWS, ServiceNow, Salesforce, Cisco, SAP and Oracle.
- ❖ Sterling's performance in GATE, TOEFL and GRE.
- ❖ Promotion of true Sportsman spirit among the students by organizing extracurricular activities

MoUs Signed with the following MNCs/Industry/Institutions.

SAP, Cisco, AWS, ServiceNow, Salesforce, TASK, ECIL, Infosys Campus Connect, Robonincie Technology, oCubes, Conscience Technology, Swarnim Gujarath Sports University, IDEA Labs for Skill upgradation of Students and Faculty, Wiley-NXT, IMPARTA, AMCAT, Ramtech, Vedi School of VLSI Design, Mic Tech Center, Anac Solutions, Society of Mechanical and Automotive Engineers (SAME) Unistring Tech and EKEEDA Digital Library E-Resources.

ORIENTATION PROGRAMME 2022-23

Sri Indu College of Engineering & Technology organizes an “Orientation Program” for first-year students every year. Accordingly the Orientation Programme was organized for the batch of 2022-23 on 06-11-2022 to promote awareness to students and their parents on academic programs, placements, career opportunities, and various services that are available in the College.

The program commenced with a warm welcome to the parents and students followed by the ceremonial lighting of the lamp with a welcome dance. The hosts introduced the gathering to the pioneering members of the Sri Indu College of Engineering & Technology, viz., honorable Chairman Sri. R.Venkat Rao, respected Secretary Sri Anup Chakravarthy garu, respected Group President Sri. J. Devi Prasad, garu, respected Dean Dr. Ramakrishna Rao, garu, respected Principal Dr.G. Suresh and all HODs. The Chairman, President, and Dean addressed the gathering. More than 1200 Students along with their parents participated in the orientation program.



Lighting the Lamp by Sri R. Venkat Rao, Chairman, Sri Indu Group of Institutions



Sri R.Venkat Rao, Chairman and Sri Deviprasad, President addressing the parents and students during the Orientation program



Dr. Ramakrishna Rao, Dean, Addressing the gathering



Parents and Students having Lunch on the orientation day



Students and parents attended the program



Welcome dance performed by students



GRADUATION DAY - 2022



The College conducted a Graduation Day ceremony on 6th August 2022 for the students who passed out in May 2022, after the successful completion of four years engineering course. They have a boon awarded graduation certificate during the ceremony. Sri Katta Narsmiha Reddy, Vice Chancellor, JNTUH was the chief guest and felicitated the toppers with medals. Other dignitaries present at the event were the Sri. R.Venkat Rao, Chairman, Sri. J. Deviprasad President, Sri. R. Anup Chakravarthy, Secretary, Smt. R.Indumathy, Treasurer, Dr.R. Amulya, Secretary sir wife, Dean and Principal.

The excitement and Zeal amongst graduating students during the ceremony was a quite memorable event. The parents were also invited to the ceremony during which they expressed their joyous moments of their wards on taking graduation certificates. Students representing their respective departments shared their experiences of being a part of the Sri Indu College of Engineering & Technology.



**Vice Chancellor Sri Katta Narsmiha Reddy and Chairman Sri. R.Venkat Rao
Awarding Graduation, presenting Mementos and Medals**





Graduates taking oath during the graduation ceremony



Chairman sir facilitated the vice chancellor



TRADITIONAL DAY 2022

A Colorful Programme - Traditional Day was organized on 01-10-2022 on the college campus. Staff and students dressed in traditional attire creatively presented Rangoli and Floral decorations in all the departments, and the students participated in cultural events like singing, dancing, and dandiya. Chief Guest, honorable Secretary Sri. Anup Chakravarthy Garu, Addressed the gathering about the importance of culture and Indian Tradition. The highlight event of the day was the "Dandiya" where the students danced to the famous dandiya tracks being played by staff and students. Honorable Secretary Wife Dr. R. Amulya Madam and kids also participated in the event.



BATHUKAMMA FLORAL FESTIVAL-2022

Bathukamma Festival is specific to Telangana Region, This festival is the symbol of Telangana culture & Tradition, and it is celebrated for 9 days starting from Bhadrapada Amavasya.

All the students, teaching, and non-teaching staff devotedly participated in the celebrations. The staff and students prepared attractive Bathukamma with different flowers like gunugu, rudraksha, thangedu, teak flowers, banthi, and chamanthi. All the staff and students actively participated by singing folk songs, clapping hands with synchronizing steps, and revolving around the Bathukamma. Secretary Sir's wife Dr. Amulya Madam also participated in this cultural event and recollected her childhood days and enjoyed the festival with the same enthusiasm. In the end, Bathukamma was immersed in the water pond.



Secretary Sir and Madam participated in Gouramma Pooja during Bathukamma celebrations.



Sri K.Ashok Babu, Professor and Sri L. Satyanarayana and Sri G.Balakrishna Reddy Administrative officers welcomed the Secretary for Bathukamma celebrations

GLIMPSES



Students and Faculty members dressed in traditional attire and participated in Cultural activities



















RANGOLI



Students participating in Rangoli



ACADEMIC TOPPERS 2021-22

ECE – II Year	ECE – III Year	ECE – IV Year	CSIT – II Year
			
CHIKKA SREELEKHA HT No.20D41A0436	M.SRIKANTH HT No.20D45A0419	KOTHVAL PRASHANTHI HT No.18D41A04B5	DODDI NIKHITHA HT No.20D41A3357
CSE – II Year	CSE – III Year	CSE – IV Year	CSE CYBER SECURITY
			
AMMIREDDY SHASHNKA HT No.20D41A0510	KONDRU MANASA HT No.19D41A05A6	AKAVARAM KARTEJ HT No.18D41A0506	V.THARANI CHOWDARY HT No.20D41A6257
IT – II Year	IT – III Year	IT – IV Year	CSE AI&ML
			
KARNE RAJU HT No.20D41A1226	RANABOTHU ROHILA HT No.19D41A1242	NACHAM SAMATHA HT No.18D41A1235	GAJJALA KAVYA 20D41A6619
ME – II Year	ME – III Year	ME – IV Year	CSE DATA SCIENCE
			
PUJARI RAM SAI HT No.21D45A0308	RAPOLU VINAY REDDY HT No.19D41A0360	KAVALI BHANU PRASAD HT No.19D45A0318	BUZUNOOR RISHIKA HT No.20D41A6715
EEE – II Year	EEE – III Year	EEE – IV Year	CSE IoT
			
JANOTHU SIDHARDHA HT No.21D45A0218	B.ESHAN PRASAD HT No.20D45A0205	REKHA INDU HT No.19D45A0213	G.THARUN KUMAR HT No.20D41A6916
CIVIL – II Year	CIVIL – III Year	CIVIL – IV Year	
			
POGAKU ALEKHYA HT No.20D41A0138	GONA SAI BHAVANI HT No.20D45A0107	B.SAI ANJANISH HT No.19D45A0111	

TRAINING & PLACEMENT CELL

Striving for 100% placements is the leading motto of the Training and Placement Cell. The trainers have more than a decade of experience in understanding the training requirements of undergraduate students and designing program to help students attain career success. Started in response to an emergent need the T&P Cell aims to bridge the gap between the requirements of the corporate and the skill sets that the students acquire during college.

The Goal of Training & Placement Cell of Sri Indu is to be a liaison between Industry and students to provide employment opportunities available in the market and to provide intensive training to the students for their overall development. The institute has provided complete well infrastructure for effective functioning for conducting various activities, which are being undertaken regularly like placement of the students and development programs.

PLACEMENTS IN THE ACADEMIC YEAR 2022-23 (2019-Admitted Batch)

S.NO	NAME OF THE COMPANY	TOTAL	S.NO	NAME OF THE COMPANY	TOTAL
1	TATA COUNSULTANCY SERVICES	35	26	IMMENSHERE	6
2	TEACH NOOK	29	27	INAMIGOS FOUNDATION (INTERNSHALA)	1
3	TURINGMINDS	85	28	INMOVIDU TECHNOLOGIES	8
4	VERSETEN TECH	2	29	KEKA	2
5	VERZEO	45	30	KORE.AI	9
6	AIR ASIA AIRLINE	1	31	LOG IT ONE	9
7	AUTOMOTIVE ROBOTICS INDIA	15	32	LOGIK WORKS	6
8	BLAZE AUTOMATION SERVICES	12	33	MOLDTEK	7
9	BLUE DANIO SEA SERVICES	28	34	MOVATE	3
10	BOSTON IT SOLUTIONS	80	35	NUCON AEROSPACE	9
11	CODE YOUNG	2	36	PALLE TECHNOLOGIES	17
12	COINCENT	10	37	QSPIDERS	27
13	DECATHLON	5	38	RE SUSTAINABILITY LTD	5
14	EIDIKO SYSTEM	6	39	RESOJET PVT LTD	8
15	ELEATION	3	40	RINEX	85
16	ELEWAYTE	55	41	SAVANTIS SOLUTIONS INDIA Pvt Ltd	115
17	ENLIGHTED MINDS	1	42	SKOLAR	74
18	ERICSSON	13	43	SPIDERTECH LAB	6
19	EXOTIC LEARNING	1	44	SUTHERLANDS	14
20	GO DIGIT	2	45	ZAPBUILD TECHNOLOGIES	1
21	GRADIOUS	122	46	ZTOH INDIA ITES PVT LTD	1
22	HCL TECHNOLOGIES	18	47	ZOGNU TECHNOLOGIES	3
23	HEXAWARE TECHNOLOGIES	3	48	HIGHER EDUCATION	169
24	HIKEEDU	6	49	WESTLINE SHIPPING	8
25	KODNEST	5		Grand Total	1177

And Many More in Pipe Line.....

CAMPUS RECRUITMENT TRAINING- CRT

Campus Recruitment Training (CRT) is to aid candidates in their preparation for Recruitment through Campus or outside campus. Program which is exclusively designed for the students preparing for recruitment and is geared towards ensuring that the students are well equipped to get through the recruitment process of various IT and NON-IT companies. Daily training sessions for the students by the CRT and regular practice on Soft Skills, Quantitative aptitude, & Mock Interviews, Group Discussions, Reasoning Logical & Analytical , Personality Development Skill, Speaking Communication Skill, Personal Interviews Presentation skill and Resume Preparation. The program has different modules for preparing the job aspirant to tackle the interview process like: Written Test and Aptitude test, Company specific Comprehensive Tests, Guidance about the selection processes which are followed by various companies.

CRT Training Session



INFOSYS CAMPUS CONNECT

Campus connect launched by Infosys is a unique academia –industry Initiative to “architect the education experience. It conducts **“Train the Trainer Program”** on various technologies including Foundation level Advanced and soft skills. Infosys provides training to Faculties and Students so that they can equip students for placement Drives.

SOFT SKILLS TRAINING

In the present world largely driven by service industry, soft skills are much sought after, especially by IT companies. Very often recruiters, because of absence of these skills reject majority of the candidates. As we are all aware, the undergraduate years coincide with the most impressionable age of the students where their attitudes are developed and preference & interests formed. Therefore before stepping into the world of work students require proper initiation and the right personality. Personality enhancement program at our college are thus exclusively designed to prepare entrepreneurial, learnable and employable students.



PLACEMENT SELECTED STUDENTS



Gracious Selected Students in Campus Placements on 12-10-2022



Campus Placement Drive on 07-12-2022



VERZEO Placements drive conducted from 16-11-2022 to 17-11-2022

CAMPUS RECRUITMENTS-2022-23



CTC Campus Placement Drive on 07-12-2022



ARI Placement drive on 18-10-2022



HIKEEDU on 6-12-2022



ZOGNU on 1-12-2022



Students interacting with HR during Campus Placements

OUR KEY RECRUITERS

S.No	Name of the Recruiter	S.No	Name of the Recruiter
1	TCS	31	MICROCHIP
2	INFOSYS	32	HCL
3	ACCENTURE	33	CAPGEMINI
4	WIPRO	34	CTRLS – POOL
5	IBM	35	KANTAR
6	GENPACT	36	COGNIZANT
7	COMMVAULT	37	VALUE MOMENTUM
8	ZENOTI	38	VIRTUAS
9	WEILEY NXT	39	INNOVAX
10	CRION TECHNOLOGIES PVT LTD	40	ADP
11	BOARDRIDGE	41	OPTUM POOL
12	OPTUM POOL	42	ENTERPI SOFTWARE SOLUTIONS
13	CYIENT	43	MULTIPLIER SOLUTIONS
14	LTI (L&T)	44	SUNQUEST
15	OPEN TEXT	45	KEOLIS
16	INNOVAX	46	SOFTSUAVE
17	ATOS SYNTEL	47	ATROID
18	MINDWAVE	48	AXNESS
19	ZENQ	49	PATHFRONT
20	VECTOR	50	VASUDHAIKA SOFTWARE
21	MINDTREE	51	C3i
22	MPASIS	52	I BEON INFOTECH
23	AMAZONE	53	RAAM GROUP
24	MY ANATOMY	54	TEVELCYBER
25	Q SPIDER	55	AMDOCS
26	EPAM India	56	NISSON Technology
27	Riktam Technology	57	Mindwave Informatics
28	Air Buss	58	NTT Data
29	Abhibus	59	DXC Technology
30	DST System		

STUDENTS TESTIMONIALS

<p>ABHINAV KUMAR SAMALA, 18D41A0404, ECE – PLACED IN COGNIZANT and TURING MINDS</p> <p>I am thankful for your support with additional requirements for the training and placement. I consider myself lucky that I had your assistance in navigating the process of application, and submission for interview. I enjoyed myself a lot in my B.Tech.</p>	
<p>PASULA AKHILA, 18D41A04G4, ECE – PLACED IN CAPGEMINI and HCL</p> <p>I am very much thankful to the College, Placement Cell, our HOD Sir and Placement officer for providing us such a wonderful opportunity to get placed. Our goals and desires are coming true through your guidance.</p>	
<p>K.JOSHNA, 18D41A0459, ECE – PLACED IN COGNIZANT, HCL AND TCS</p> <p>I sincerely thank to the College management, HOD, Faculty and Training and Placement officer for providing job opportunities to get placed. I got placed in MNC Companies and our placement team supported me in all my situations. I will try my best to reach greatest heights.</p>	
<p>HARSHITHA S, 18D41A05H9, CSE PLACED IN WIPRO, TCS, EPAM Systems & ENH ISECURE</p> <p>I have been placed in EPAM Systems. I have gained good experience in this college. College HOD, faculty, and Placement officer encouraged me to do more and I learned a lot. Placements are very good, it provides quality content to students and encourages us in our interest not only in theory, practical experiences also good.</p>	
<p>S.SUBRAMANYAM, 18D41A05G9, CSE – PLACED IN CTS, WIPRO, CAPGEMINI, TURING MINDS, EMPHASIS</p> <p>I am very happy I got placed in six MNC companies, I am thank full to placement team and faculty for encouragement and support. I am very happy to be a student of Sri Indu College.</p>	
<p>MASKURI VAMSHI, 19D45A0204, EEE – HCL</p> <p>I have been placed in HCL company. I have had a good experience at Sri Indu College, I will be greatly thankful to our HOD, Faculty, and Placement officer to motivate every second, and also thanks to Sri Indu College Management.</p>	
<p>K.SAI PRASANNA, 18D41A1229, IT – PLACED IN DXC and WIPRO</p> <p>I have been placed in DXC Technologies and WIPRO. The TPO sir is very cooperative and the way he interacts with the students is well & good. Over the placement Cell and college Faculty, the infrastructure in the college is good.</p>	
<p>AARATHI SREE P, 18D41A1242, IT – PLACED IN TCS, IBM, WIPRO, CAPGEMINI & QUEST GLOBAL</p> <p>I thank full to the placement cell, Sri Indu College Management, and faculty for providing me with skills and knowledge to get adapted to the different environments. The training and Placement Officer has provided training and helped me to get into my dream company.</p>	
<p>N.D.KOUSHIK, 18D41A05D4, CSE – PLACED IN Mphasis, VEON, TURING MINDS & SKOLAR</p> <p>I got placed in four companies. Thank you College Management for providing good infrastructure and thanks to the faculty and Placement cell, with the help of all I received good placements</p>	
<p>P.SANJAY KUMAR, 18D41A0173, CIVIL - PLACED IN MOLDTEK, TURING MINDS & PALLE TECHNOLOGIES</p> <p>I am very grateful to Sri Indu College, its faculty, and the Placement cell for encouragement and placement opportunities. I would recommend my juniors gain knowledge</p>	
<p>GAJJALA SAI JYOSHNA, 18D41A05P8, CSE – PLACED IN TCS, WIPRO, CAPGEMINI, HCL INFOSYS, VIRTUSA, EMPHASIS and TURING MINDS</p> <p>I thank Sri Indu College management and Training and Placement officer for training us and making us perfect to attend the interview. The placement cell gave us opportunities to get placed and get settled. I sincerely thank Management, Faculty, and Placement officer for their support & training, with their help of them I got placed in the companies, thank you</p>	
<p>G.SRI KANTH, 19D45A0326 MECHANICAL – PLACED IN WIPRO</p> <p>I thank the placement officer for providing us the job opportunities. I got placed in WIPRO MNC, so I am thanking our HOD, faculty, and placement cell.</p>	

GUEST LECTURES/ FDPs/SEMINARS/WORKSHOPS

Several Guest Lectures from various Institutional and Industrial Experts in various fields were organized by departments for an in-depth understanding of the subjects. Through guest lectures, we bring our students to face to face with eminent academicians, Industries and entrepreneurs.



MR. SUDHEER SANDRA Psychologist, Career Counselor, Behavioral Skills Trainer, and Life Skills Coach
Topic: MOTIVATION TO SET BENCHMARKS for B.Tech 1st year students of 2022-23



Mr. ABHISHEK SINGAMSETTY Psychologist & Motivational Speaker Topic: Motivation Success a Destination



Mr. Gampa Nageshwar Rao Motivational Speaker and Leadership Trainer
Topic: Fear Management and Confidence Building



Dr. Ramakrishna Rao, Dean addressing the gathering during Induction programme



participated in Institutional Innovation Council (ICC) Regional Meet organized by Ministry of Education's Innovation Cell and AICTE hosted by SNIST, Hyderabad on 12-08-2022



One Day Workshop on Intellectual Property on 26-10-2022, Resource Person Dr. Dasary Ayodhya, Examiner of Patents and Design, Intellectual Property Rights, Patent of Chennai.



Participated in Social Entrepreneurship, Sustainability & Rural Engagement Cell on 22-10-2022



Faculty attending online FDPs



NBA team visited on 15-07-2022

Organized Two Days National Level Technical Symposium on “Emerging Trends on Industrial IoT and Cyber Security Issues” (INDUiwai22) from 23-09-2022 to 24-09-2022, sponsored by Science & Engineering Research Board. Dr.Surendra Kumar, Emeritus Scientist DRDO, Chief Guest, and Dr. V.Jayaprakashan, Professor, SNIST, is Keynote Speaker.



START-UP & INNOVATION

Sri Indu College of Engineering and Technology (SICET) formed “Start-up & Innovation Cell” intending to create an integrated, college and university-based innovation ecosystem to support innovations and ideas of faculty members and young students and provide a conducive place and environment for optimum output of their thoughts and creative ideas.

The Entrepreneurial vision, defined by discovery and risk-taking, is an indispensable part of a nation’s capacity to succeed in an ever-changing and fiercely competitive global marketplace. A Start-up & Innovation Cell has been established at our institute to support this vital need of the present times. The Start-up & Innovation Cell aims to provide a platform for the convenient merger of innovative and entrepreneurial efforts. The idea is to foster and facilitate innovation and entrepreneurship among the faculty and students through mentoring, training, and financing. The thrust is on innovation and incubation to transform a seemingly simple and novel idea into a marketable product and thus help an innovator of today to become an entrepreneur of tomorrow.



Participated in Senior Software Edition, Grand Finale, SMART INDIA HACKTHON 2022 on 26-08-2022,
Topic: Water Monitoring System using IOT

Team Members: A.Preethi, B. Dhivya, G.Pavani, D.Harsha and A.Yashwanth

Team Mentor: Mr.E.Parusharamu, Asst. Professor, ECE department



SOCIAL OUTREACH ACTIVITIES



Anti-corruption day was organized on 09-12-2022 International Anti-Corruption Day (IACD) is celebrated every 9th December to raise awareness of corruption and of the role of the Convention in combating and preventing it. Sri. L. Satyanarayana, AO, and other senior faculty addressed the gathering to raise awareness of corruption and of the role of the Convention in combating and preventing it.



Dr. P.Mallesham, Professor, Dr. G.Suresh, Principal, and Sri. L. Satyanaryana, AO, Addressed the gathering about the importance and elaborated on the global scenario of violence against women and the laws that protect women. They have overviewed the preamble of the Indian Constitution



Organized International Day for the Elimination of Violence Against Women on 25-11-2022 in association with Victory Shotokan Karate Association Do India



A free Medical camp was organized in collaboration with Vijaya Diagnostic Centre on 26-11-2022



Organized Higher education Awareness meeting with Foreign University clients on 12-12-2022. Clients from reputed universities explained the various opportunities that meet out to ambitious students who wish to study at universities of global repute abroad. Students have been encouraged to gain new skills needed for pursuing higher education abroad. They have given awareness to students to identify the countries from which they can pursue an international education, the fields, levels of study, programs or courses to choose from, and universities that best suit their profiles and resources.

CELEBRATION OF IMPORTANT EVENTS

Every year college is organizing Celebrations on Special Days in the college campus for Creating Awareness among the Students by remembering the person or event behind it



Engineers Day organized on 15-09-2022



TELANGANA STATE FORMATION DAY CELEBRATED ON 02-06-2022



Teachers Day Celebrations on 05-09-2022



National Education Day of India has been celebrated on November 11 on the occasion of Maulana Abul Kalam Azad birth anniversary. College organized seminars and Poster presentations students actively participated.

75th Independence Day Celebrations: celebrated 75th Independence day, which is themed the 75th Azadi Ka Amrit Mahostav with great enthusiasm on 15th August 2022. The college campus was beautifully decorated with flags and balloons to commemorate the day. Flag hoisting was done by Sri R. Venkat Rao Sir, Chairman on this occasion, and also addressed the gathering. Director, Principal, HODs, Administrative officers, teaching staff, non-teaching staff and students remained present, and witnessed the celebrations.





Students and Staff participated painting competitions and indoor games



Poster presentation,

Mementos are distributed for winners

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WORKSHOPS/GUEST LECTURES

Organized National Level Technical Symposium on “Emerging Trends on Industrial IoT and Cyber Security Issues” (INDUiwai22) from 23-09-2022 to 24-09-2022. The fundamental target of this National Level Technical Symposium is to give freedom to students to spread their perspectives in the field of IoT, Cyber Security, and Information and Communication Engineering. Some of the events are Technical Paper presentations, Innovative Project Displays, Eminent Speaker Lectures, Poster presentations, and Hands-on Training.



Participated in Institutional Innovation Council (ICC) Regional Meet organized by Ministry of Education's Innovation Cell and AICTE hosted by SNIST, Hyderabad on 12-08-2022. Participated in Senior Software Edition, Grand Finale, SMART INDIA HACKTHON 2022 on 26-08-2022, Topic: Water Monitoring System using IOT



Campus Recruitment Training Classes for 3rd year students





Sri. K. Ashok Babu, Professor, presenting certificates during Graduation day ceremony



Dr. G.Suresh, Principal giving orientation about NAAC Best Practices



TRADITIONAL DAY 2022: All the staff members dressed in traditional attire creatively presented Rangoli and Floral decorations in the department, and participated in cultural events like singing, dancing, and dandiya.





Staff participated in 75 Independence celebrations

FACULTY ACHIEVEMENTS

PUBLICATIONS

- ❖ **Dr. P Subramanian, Dr.N Tamilarasan, and Dr. J Martin Sahayaraj**, Professors published an article titled "Sea Turtle Foraging and Hydrozoan Optimization Algorithm-based NLOS Node Positioning Scheme for Reliable Data Dissemination in Vehicular Ad hoc Networks" in Springer International Journal Wireless Personal Communication, doi.org/10.1007/s11277-022-09768, Pages:1-31,2022, August 2022.
- ❖ **Dr. J. Martin Sahayaraj, Dr. N. C. Sendhil Kumar, Dr. P. Mukunthan, and Dr. N. Tamilarasan** Professors published an article titled "IEEHR: Improved Energy Efficient Honeycomb based Routing in MANET for Improving Network Performance and Longevity" in Elsevier International Journal on Recent and Innovation Trends in Computing and Communication, ISSN: 2321-8169 Volume: 10 Issue: 7, 31st July 2022.
- ❖ **Dr.P Ramesh, Dr. J Martin Sahayaraj, Dr. N Subash, and SR Mugunthan**, Professors published a paper titled "IoT based Waste Management System" in IEEE Explore International Conference on Electronics and Renewable Systems (ICEARS), ISSN: 978-1-6654-8424-4, Pages:587-592, November 2022.
- ❖ **Dr.J. Martin Sahayaraj, Dr.K. Gunasekaran, Dr.S.Kishore Verma, and Dr.P. Ramesh**, Professors published an article titled "Resource allocation and information exchange of cognitive user connectivity with minimal interference using simulation analysis" in IEEE Explore 2 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), ISSN: 2768-0673(E), 2768-0665 (P), November 2022.

SEMINAR/WORKSHOP/FDP/STTP/REFRESHMENT PROGRAMES

- **Dr. P.Mukunthan**, Professor attended One-week Faculty Development Program on “Machine Learning Applications in Signal Processing and Wireless Networks” Conducted by Delhi Technological University, Delhi, from 20th – 24th December 2022.
- **Dr. P.Mukunthan**, Professor attended FDP on “Cyber Threats and Security Measures” conducted by Information Management and Emerging Engineering, from 25th – 29th July 2022.
- **Dr.H.Joseph Prabhakar Williams**, Professor attended 7 days NATIONAL LEVEL FDP ON “ADVANCED RESEARCH METHODOLOGY IN HUMANITIES & SOCIAL SCIENCES” at REVA UNIVERSITY, BENGALURU, KARNATAKA from 1st – 08th August 2022.
- **Dr.H.Joseph Prabhakar Williams**, Professor attended National Level 2 day NATIONAL LEVEL 2 DAYS WORKSHOP ON” 5G NOMA COMMUNICATIONS” from 12th -13th August 2022 conducted by CVR College, Hyderabad.
- **Dr.H.Joseph Prabhakar Williams**, Professor attended ONE DAY WEBINAR ON “ADAPTIVE CONTROL SCHEMES FOR GRID TIED INVERTER TO IMPROVE SOME QUALITY OF MICRO-GIRD SYSTEM” on 17-08-2022 conducted by SRM TRP College, Trichi, Tamilnadu.
- **Mrs. Sandhya Bolla**, Assoc. Professor completed Training on “ADVANCED PYTHON PROGRAMMING” From Pantech Solutions from 27/10/22 to 27/11/22.
- **Mrs. Sandhya Bolla**, Assoc. Professor completed Training on “JAVA FULL STACK PROGRAM” From Pantech Solutions from 1/9/2022 to 30/09/2022.
- **Mrs. Sandhya Bolla**, Assoc. Professor completed Training on “DEWTOON” From DEWTOON Solutions on 30/07/2022.
- **Mr. G.Rajkumar, Asst. Prof. and Mrs. Sandhya Bolla**, Assoc. Professor attended a webinar on “CYBER SECURITY CHALLENGES AND METHODS OF MITIGATION” conducted by IETE on 23-10-2022.
- **Mrs. Sandhya Bolla**, Assoc.. Professor attended a Seminar/Webinar on “INTRODUCTION TO HAM RADIO” on 07-09-2022.
- **Mrs. Sandhya Bolla**, Assoc. Professor attended a seminar on “MSME” on 11-07-2022 organized by ASSOCHAM.
- **Mr. Easari Parusha Ramu**, Asst. Professor participated in The **Institutional Innovation Council (ICC) Regional Meet organized by The Ministry of Education’s Innovation Cell and AICTE hosted by SNIST, Hyderabad on 12-08-2022.**
- **Mr.G.Rajkumar, Mrs. G.Sravanthi, Asst. Professors and Mrs. Prathyusha V** Assoc. Professors attended a Seminar/Webinar “INTRODUCTION TO HAM RADIO” on 19-07-2022 organized by IEEE Communication Society, Pune section.
- **Mrs. G.Sravanthi**, Asst. Professor attended FDP on “Wireless communication” during 20th – 25th August 2022 conducted by CVR College, Hyderabad.
- **Mr. G.Rajkumar, Mrs. G.Sravanthi, Asst. Professors and Mrs. Sandhya Bolla** Assoc. Professors attended a webinar on “LEARNING TO BE EMOTIONALLY INTELLIGENT” conducted by IETE on 9-10-2022.
- **Mr. G.Rajkumar**, Asst. Professor attended a Seminar/Webinar on “Embedded Memory Technology Trends and Test Challenges” organized by IETE on 16-10-2022.
- **Mrs. Bommala Neeraja, Mrs. Prathyusha, Mrs. Sandhya Bolla**, Assoc. Professors and **Mrs. Shaik Azeera Begum** Asst. Professor attended a workshop on “5G NOMA COMMUNICATIONS” during 12th -13th August 2022 conducted by CVR College, Hyderabad.
- **Mrs.Prathyusha**, Assoc. Professor attended a Seminar/Webinar on “Leadership skills” conducted by IETE, Hyd. On 27-11-2022.
- **Mrs. Sandhya Bolla**, Assoc. Professor attended a workshop on “INFINITE INNOVATION WITH IOT” conducted by wiley on 12-11-2022.
- **Mr. Essari Parusharam, Mrs. Hemavathi, Asst. Professors and Ms.Deepika Rathod** Assoc. Professor attended FDP on “Applied Python & IOT with Raspberry pi” at JNTUH AND PHYSITECH during 16th – 17th December 2022.



Staff completed FDP program and received Certificates from JNTUH



Faculty attended online FDP on 29-07-2022


The following faculty Received AICTE-NPTEL FDP Certificates from NPTEL, IIT Madras for July-December 2022 Timeline

S.No	NAME	DESIGNATION	COURSE NAME
1	Dr. P RAMESH	Professor	Introduction To Industry 4.0 And Industrial Internet Of Things
2	Dr. P RAMESH	Professor	Cloud Computing
3	Dr. Tamilrasan	Professor	Introduction to Machine learning
4	Mrs. Bommala Neeraja	Assoc. Professor	Introduction to Internet of Things
5	Mrs. Prathyusha	Assoc. Professor	Introduction to Internet of Things
6	Mr.Gonugunta Raj Kumar	Asst. Professor	Introduction to Internet of Things
7	Mrs. K.Sravani	Asst. Professor	Introduction to Internet of Things
8	Mrs. G.Sravanthi	Asst. Professor	Introduction to Internet of Things
9	Mr. Polagoni Srinivas	Asst. Professor	Introduction to Internet of Things
10	Mrs. Swathi Singanabiona	Asst. Professor	Introduction to Internet of Things
11	Mrs.Udayasri Pabbu	Asst. Professor	Introduction to Internet of Things
12	Mrs. Hemavathi.B	Asst. Professor	Introduction to Internet of Things
13	Mrs. Kalpana R	Asst. Professor	Introduction to Internet of Things
14	Mrs. Pasula Mamatha	Asst. Professor	Introduction to Internet of Things
15	Mrs. Swetha P	Asst. Professor	The Joy of Computing using Python

The following faculty Received SWAYAM-NPTEL/COURSERA MOOCs Certificates for JULY-DECEMBER 2022

S.No	Name	Designation	Course Name
1	Dr.P RAMESH	Professor	Cloud Computing
2	Dr.P RAMESH	Professor	Introduction To Industry 4.0 And Industrial Internet Of Things
3	Dr. Tamilrasan	Professor	Introduction to Machine learning
4	Dr. Tamilrasan	Professor	Introduction to Industry 4.0 and industrial Internet of things
5	DR.J MARTIN SAHAYARAJ	Professor	Introduction To Industry 4.0 And Industrial Internet Of Things
6	DR.J MARTIN SAHAYARAJ	Professor	Cryptography And Network Security
7	DR.J MARTIN SAHAYARAJ	Professor	Cloud Computing
8	Mrs. PRATHYUSHA V	Assoc. Professor	Introduction To Internet Of Things
9	Mrs. Bommala Neeraja	Assoc. Professor	Introduction To Internet Of Things
10	Mrs. G SRAVANTHI	Asst. Professor	Introduction To Internet Of Things
11	Mrs. Swathi Singanaboina	Asst. Professor	Introduction To Internet Of Things
12	Mrs. D SANDHYA RANI	Asst. Professor	The Joy of Computing using Python
13	Mrs. PASULA MAMATHA	Asst. Professor	Introduction To Internet Of Things
14	Mr. GONUGUNTA RAJ KUMAR	Asst. Professor	Introduction To Internet Of Things
15	Mr. POLAGONI SRINIVAS	Asst. Professor	Introduction To Internet Of Things
16	Mrs.UDAYASRI PABBU	Asst. Professor	Introduction To Internet Of Things
17	Mrs. HEMAVATHI B	Asst. Professor	Introduction To Internet Of Things
18	Mrs. KALPANA R	Asst. Professor	Introduction To Internet Of Things
19	Mrs. SWETHA P	Asst. Professor	The Joy of Computing using Python
20	MRS. K SRAVANI	Asst. Professor	Introduction To Internet Of Things
21	Mr. Dendhi Thirumal Reddy	Asst. Professor	Introduction To Internet Of Things
	COURSERA		
22	Mrs. SANDHYA BOLLA	Assoc. Professor	Overview of Data Visualization

Faculty Received Topper 1% in Certificates from SWAYAM NPTEL



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
P RAMESH
for successfully completing the course

Introduction to Industry 4.0 and Industrial Internet of Things

with a consolidated score of **79** %

Online Assignments	24.56/25	Proctored Exam	54.26/75
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Total number of candidates certified in this course: **5469**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS95563694911 To validate the certificate No. of credits recommended: 3 or 4



Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
P RAMESH
for successfully completing the course

Cloud Computing

with a consolidated score of **80** %

Online Assignments	25/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **9640**

Jul-Oct 2022
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL22CS87553694045 To validate the certificate No. of credits recommended: 3 or 4

STUDENT ACHIEVEMENTS:

SWAYAM NPTEL/COURSERA MOOC Courses:

- **Mr. Idikuda Maniraj, Roll No 20D41A0476**, completed SWAYAM-NPTEL online course and received Certificate in Introduction To Machine Learning – KGP, July-December 2022 Timeline.
- **Mr. Mythri Kyaragari, Roll No 19D41A0498**, Completed Coursera online course and received Certificate in Google Ads for Beginners on 20-08-2022.
- **Mr. Velgapuri Sai Chander Rao, Roll No 18D41A04N1**, Completed Coursera online course and received Certificate in “Create Your First Python Program From UST” on 20-10-2022.

WORKSHOPS/SEMINARS/HACKTHONS BY STUDENTS

- ❖ **Mr. Idikuda Maniraj, Roll No 20D41A0476**, participated in “Tech Udyog Fete 2022” organized by Kalam’s Institute of Youth Excellence” in association with Unistring Tech Solutions on 23-12-2022.
- ❖ **Ms. G. Pavani, Mr.D Harshavardhan, Ms.Preethi.A, Ms.B.Divya and Mr.A Yashwanth** participated in “Smart India Hackathon 2022” organized by SIH Senior Software Edition during in association with 25-26 August, 2022.
- ❖ **Mr. Idikuda Maniraj, Roll No 20D41A0476**, received Award for best presentation in “Ideathon 2022 – National Level Design Contest for Innovations in Defense Electronics” on 15th September 2022, Hyderabad.
- ❖ **Mr. Idikuda Maniraj, Roll No 20D41A0476**, received a certificate of Organizer from SICET for National Level Technical Symposium held on 23rd and 24th September 2022.
- ❖ **Mr. Idikuda Maniraj, Roll No 20D41A0476**, received 2nd Prize for a project expo entitled “RFID Based Boarder Monitoring Systems” in National Level Technical Symposium on Emerging Trends on Industrial IoT and Cyber Security Issues, held on 23rd and 24th September 2022.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Organized one day workshop on Intellectual Property Rights on 26-10-2022



Innovation day on Bright Minds Ideathon 2022 Organized on 15-11-2022: Themes: Artificial Intelligence, Internet of Things, Cyber Security, Embedded Systems, VLSI Design, E-Vehicles, Environment, and Agriculture.



Engineers Day is celebrated on 15 September 2022 on the occasion of the birth anniversary of Sir Mokshagundam Visvesvaraya is considered one of the greatest engineers in India. A Coding contest was conducted and distributed prizes to the winners.



Attended CSI Students Branch Meeting on 17-10-2022 at CSI Chapter office, Hyderabad

Rangoli Celebrations



Bathukamma celebrations

Conducted one day online workshop on "Infinite Innovations with IoT" Resource person Dr.Shriram Vasudevan, Author, YouTuber, NASSCOM Prime Ambassador.



Students participated



Faculty participated



CYBER SECURITY EVENT ORGANIZED ON 19-11-2022

TECHNICAL EVENT (EXCELLENCIA 2022)

Conducted Technical Events under CSE Club Encouraging students to develop new skills like power point presentations, poster presentations, code-a-thon, Indu's talent, an interview bits.



Students contesting code-a-thon coding



Students presenting presentations



Students talent show



Poster presentation



Releasing department newsletter



FACULTY ACHIEVEMENTS:

PUBLICATIONS

- ❖ **Dr. K.S. Sadasiva Rao**, Professor and Dean published an article titled “ **Blockchain technology: Concepts, Types, Security issues and Applications**” in Industrial Engineering Journals, Volume 15 Issue 11 * October 2022, *ISSN: 0970-2555*
- ❖ **Dr.S.Kishore Verma**, Professor published an article titled “Enhancement of Health System for Emergency Care Using IoT Technique” in International Journal of Early Childhood Special Education, ISSN: 1308-5581, Vol.14, Issue 5, Pages: 5433-5442, 2022.
- ❖ **Dr.CH.Narasimha Chary**, Professor published an article titled “Privacy Preserving Media Sharing With Scalable Access Control and Secure Deduplication in Mobile Cloud Computing” in The International Journal of Analytical and Experimental Modal Analysis, ISSN NO: 0886-9367, Vol.15, Issue 1, Pages : 150-156. January 2023.
- ❖ **Dr.CH.Narasimha Chary**, Professor published an article titled “Securing Data With Blockchain and AI” in Journal of Engineering Sciences, ISSN:0377-9254, Vol.14, Issue 1, Pages: 218-223, 2023.
- ❖ **Dr.S.Kishore Verma, Dr.J. Martin Sahayaraj, Dr.K. Gunasekaran, and Dr.P. Ramesh**, Professors published an article titled “Resource allocation and information exchange of cognitive user connectivity with minimal interference using simulation analysis” in IEEE Explore 2 Sixth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC), **ISSN: 2768-0673(E), 2768-0665 (P)**, November 2022.
- ❖ **Ms.V.Kiranmai**, Asst. professor, published an article titled “Cloud host selection using iterative particle -swarm optimization for dynamic container consolidation” in International Journal On Recent and Innovation Trends in computing & communication, ISSN: 2321-8169 Volume: 10 Issue: 1s, Nov 2022.
- ❖ **Dr.C.Kotteeswaran**, professor, published an article titled “Design of all passmake over based capricious digital filter using eminent speed dual carry select adder and truncation and rounding approximate multiplier for image’ in Wiley Publication, 02 January 2023,<https://doi.org/10.1002/cpe.7575>.
- ❖ **Dr.K. Gunasekaran**, professor, published an article titled “Energy Efficiency Improvement using Combined Deep Learning Neural Network and Binary cuckoo search by Thermo economic analysis in Shrouded Wind Turbine” in Journal of Neuroquantology, July2023, Volume20|Issue8|Page 3207-3223|doi:10.14704/nq.2022.20.8.NQ44351.
- ❖ **Dr S.Vijayarangam**, professor, published an article titled “A Performance Improvement in Home Automation Through Uncontaminated Energy Interfaced with Multi Dimensional Machine Learning Approach” in IEEE International Conference on Edge Computing and Applications (ICECAA 2022 IEEE Xplore Part Number: CFP22BV8-ART; ISBN: 978-1-6654-8232-5 pp. no 1411-1415, November 2022.

BOOKS PUBLICATION;

- **Dr.S.Vijayarangam**, professor, published a book titled “Cyber Security” ISBN 978-93-95331-82-1, RK Publications, in December 2022.
- **Dr.CH.Narasimha Chary**, Professor published a book titled “Data Science and Big Data Analytics” ISBN 978-93-95191-17-3, DECCAN ACADEMIC PUBLISHERS, in November 2022.

PATENTS FILED AND PUBLISHED

- ❖ **Dr.CH.Narasimha Chary**, Professor Invented “Blockchain with deep learning-based secure computing platform for health care data” Application Number 202241026573, Publication date 01-07-2022, in IPR India.
- ❖ **Mr. BUKYA SURESH and Mr. BACHU PRADEEP KUMAR**, Asst. ProfessorS Invented “Artificial intelligence algorithm utilized intelligent accident indication system to the rescue team using thriving cloud computing” Application Number 202241072503, publication date 30-12-2022 in IPR India.
- ❖ **Mr. SNVASRK PRASAD**, Asst. Professor Invented “Cloud server based wireless ecg monitoring system with more accuracy with the help of machine learning algorithms” Application Number 202241065884, publication date 25-11-2022, in IPR India.

ATTENDED WORKSHOP/CONFERENCE/SEMINAR/FDPs

Faculty Name	Topic Name	Date/Days	Place
Dr. K.S Sadasiva Rao Professor & Dean CSE Department	PERFORMANCE COMPARISON OF NAVIGATION SYSTEMS	24/7/2022	IETE, Webinar 100
	“GLOBAL WARMING AND RF RADIATION”	13/11/2022	IETE, Webinar 113
	Overview and Insights to Cellular and Mobile Communication	20/11/2022	IETE, Webinar 114
	Infinite Innovation with IOT	12/11/2022	Convener for Wiley Workshop
Dr. P. Epsiba, Professor	Recent trends in AI & ML	26.9.2022 to 30.9.2022	Siddhartha Institute of Science and Technology, Puttur,
	Recent tools and Technologies on DS & AI	19.09.22 TO 26.09.22	Madanapalli Institute of Science and Technology, AP
	Basic and Advanced level IA		IIC-AICTE
	Cyber Security and Threats	25.07.22 to 29.07.22	NITTTR, Chandigarh
	Innovation Ambassador(30 hours) and Advance Innovation Ambassador(15 hours)		IIC-AICTE
Dr.Kishore Verma S Professor	Recent Trends in Artificial Intelligence and Machine Learning	26/09/22 to 30/09/22	Siddhartha Institute of Technology
	An Insight into the Relevant Skills for Employability	16/09/2022	VELLORE INSTITUTE OF TECHNOLOGY
	Recent Tools & Technologies for Data Science and Artificial Intelligence	19/09/22 to 26/09/22	Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh.
	Innovation Ambassador(IA) Training "Foundation Level)	15 Sessions 30 Contact Hrs	MoE's Innovative Cell - Ministry of Education India
	Innovation Ambassador(IA)-Advanced Level	15 Sessions & 30 Contact Hrs	MoE's Innovation Cell, Ministry of Education, India
	Cyber Threats and Security Measures	25/07/22 to 29/07/22	Sri Indu College of Engineering and Technology, Telangana
	Innovation and Entrepreneurship	02/07/22 to 23/07/22	Sree Vidyaniketan Engineering College, Rangampet
	Introduction to Machine Learning	July Sept-22	NPTEL-AICTE
	National Intellectual Property Awareness Mission	28/09/2022	Intellectual Property Office, India

Dr.S.VIJAYARANGAM Professor	Recent Trends in Artificial Intelligence and Machine Learning	26-09-22 to 30-09-22	Siddhartha Institute of Science and Technology
	Advanced Tools and Techniques for Best Research	26-09-22 to 30-09-22	RV Institute of Technology and Management, Bangalore
	Position aware graph neural networks using reachability estimations	24-09-2022	Indian Institute of Information Technology, Kottayam
	NIPAM	28-09-2022	Intellectual Property Office, India
	Cyber Threats and Security Measures	25-07-22 to 29-07-22	SICET, NITTTR, Chandigarh
	NEP-2020 Implementation Plan: Promotion of Indian Knowledge Systems	26-11-2022	JNTUH
Dr.C.Kotteeswaran Professor	Recent Tools & Technologies for Data Science and Artificial Intelligence	19/09/22 to 26/09/22	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
	Recent Trends in Artificial Intelligence and Machine Learning	26/09/22 to 30/09/22	SIDDHARTHA INSTITUTE OF SCIENCE AND TECHNOLOGY
	Industry Standard Web App: Design to Deploy	05/11/2022	ANSAR WOMEN'S COLLEGE
	IP Awareness/Training program	28/09/2022	Intellectual Property Office, India
	Cyber Threats and Security Measures	25/07/2022 - 29/07/2022	NITTTR, Chandigarh.
	Amazon Web Services	22/08/2022 to 27/08/2022	SAVEETHA SCHOOL OF ENGINEERING, SIMATS UNIVERSITY, CHENNAI
	International Online FDP Series on Trending Technologies	01/11/22 to 30/11/2022 (Weekly one day)	MEASI Institute of Information Technology
	Recent Advancement in Science & Engineering	26/05/22 to 30/05/22	Regional College for Education Research and Technology, Jaipur
Mr. Kanugu Ram Mohan Rao, Assoc. Professor	NPTEL-AICTE Faculty Development Programm on Cloud Computing	July-December, 22	NPTEL AICTE
	5G NOMA COMMUNICATION	12/08/22 to 13/08/22	CVR COLLEGE OF ENGINEERING
Mr. Chaithanya Asst. Professor	FDP ON RESEARCH ON DATA SCIENCE AND DEEP LEARNING	5 DAYS	NEW HORIZON COLLEGE OF ENGINEERING AND TECHNOLOGY
Mrs. BHAMIDI KAMESHWARI Mrs. NAGA PRIYANKA Asst. Professors	PINNING A FLAG ,AN INITIATIVE BY THE MINISTRY OF CULTURE TO MARK AZADI KA AMRIT MAHASTAV	AUG 15-2022	MINISTRY OF CULTURE GOVERNMENT OF INDIA
	Create PDF Balance Report using HTML, Excel & Power Automate	Jul 31 , 2022	Coursera Project Network and offered through Coursera
	Machine Learning Pipelines with Azure ML Studio	Jul 31 , 2022	Coursera Project Network and offered through Coursera
Mrs. A.Rangamma Asst. Professor	Cyber Threats and Security Measures	25/7/22 to 29/7/22	NITTTR, CHANDIGARH
	Plagiarism detection and removal in research paper and using software	31/7/22	Blue Crest University College & Research India Foundation
	IOT APPLICATION DEVELOPMENT	2/7/22	SIJET
	CYBER SECURITY CHALLENGES AND SOLUTIONS	2/7/22	SIJET
	Overview and Insights to Cellular and Mobile Communication	20/11/2022	IETE Webinar 114
	Internet of Things in Medical Applications	25/12/2022	IETE Webinar 117
	Cyber Security Challenges and Methods of Mitigation	23/10/2022	IETE Webinar 111
	Embedded Memory Technology Trends and Test Challenges	16/10/2022	IETE Webinar 110
	Data Science and its Applications	11/09/2022	IETE Webinar 107
	Recent Tools & Technologies for Data Science and Artificial Intelligence	19-26, Sept, 2022	MIT, Madanapalle, AP
	Position-Aware Graph Neural Networks using Reachability Estimations	24/9/2022	IIT, Kottayam
	Recent Trends in AI & ML	26-30 Sept 22	SICT, AP

Mr. ACHI SANDEEP	Recent trends in Artificial intelligence and machine learning	26/09/22 to. 30/09/22	SIDDHARTH INSTITUTE OF SCIENCE AND TECHNOLOGY
Ms.K.Archana	Recent Tools & Techniques for Data Science and Artificial Intelligence	19-09-22 to 26-09-22	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Mrs. BINGI NAVYA	"Recent Tools & Technologies for Data Science and Artificial Intelligence"	19/09/22 to 26/09/22	Madanapalle Institute of Technology & Science
Mrs. G Manasa Asst. Professor	Recent Trends in Artificial intelligence and Machine Learning	26/09/22 to 30/09/22	Siddhartha Institute of Science and Technology (Autonomous)
Mrs.Bingi Navya Asst. Professor	IP Awareness Training program	26/10/22 to 26/10/22	Intellectual property office,India
Mrs. K Archana Reddy Asst. Professor	Intellectual property rights	26/10/2022	NIIPAM
Ms.V.Kiranmai Asst. Professor	Recent Tools & Technologies for Data Science and Artificial Intelligence	19.09.22 to 26.09.22	Madanapalle Institute of Technology & Science, Madanapalle, Andhra Pradesh

The following faculty Received SWAYAM-NPTEL MOOCs Certificates for Jan-April 2022

S.No	Course Name	Name	Designation
1	Cryptography & Network Security	Dr. P. Epsiba	Professor
2	Introduction to Machine Learning	Dr.Kishore Verma S	Professor
3	Cloud Computing	Mr.KANUGU RAM MOHAN RAO	Assoc. Professor
4	Operating System Fundamentals	Mr.KANUGU RAM MOHAN RAO	Assoc. Professor



Intellectual Property Rights
DATE: 26.10.2022 TIME: 11.00am to 1.00pm VENUE: Placement Auditorium
Resource Person: **Dr. Dasari Ayodhya**, Group-A Gazetted Officer, Examiner of Patents and Designs, Intellectual Property Rights, Patent office, Chennai, India
Organized By: Department of CSE & Allied Branches in Association with R&D cell



"DEVOPS AWARENESS PROGRAM"
Organized By: DEPARTMENT OF ECE - CSE & ALLIED BRANCHES (Under CSI Student Chapter)
Resource Person: **Mr. M. SHESHAGIRI**, Solution Architect, Ericsson Company, Bangalore
Date: 01.07.2022 Time: 10.45am-12.45pm
TOPICS TO BE COVERED IN SESSION:
* Introduction to devops
* Continuous integration, deployment and delivery
* Logging and monitoring Tools used in Devops

Workshops Organized

STUDENTS' ACHIEVEMENTS

STUDENTS' PARTICIPATION IN SEMINARS / CONFERENCES

The following CSE Students attended Explore Cloud workshop under the CSI student's chapter, Speaker Mr. Pavan Mantha, Honeywell Company.

Name	Roll No	Name	Roll No
Ms. A.Shashanka	20D41A0510	Mr. Ch.Koushik	20D41A0549
Ms. A.Triveni	20D41A0530	Mr. Ch.Shiva	
Ms. B.Divyasree	20D41A0529	Mr. Ch.Nithin	20D41A0539
Ms. B.Divya	20D41A0519	Mr. B.Saikrishna	20D41A0516
Ms.B.Shravya	20D41A0518	Mr. M.Sandeep Kumar	20D41A05D1



- ❖ 30 students from 3rd year attended Undergrand Summit 22, organized by Stumagz in collaboration with JTBI – JNTUH Technology Incubator on 24-12-2022 at Hyderabad.
- ❖ Mr. Medi Sandeep Kumar, Roll No. 20D4105D1 3rd year Student participated in “CSI State level student Convention – Fusion 2022” Technical Quiz, organized on 16th and 17 December 2022 organized by MVSR college at Hyderabad.
- ❖ Mr. Mangi Nikhil, completed Problem Solving (Basic), JAVA (Basic) Short term Course from Hacker Rank on 11-07-2022.
- ❖ Mr. Mangi Nikhil, completed a 7-day DSA with C++ Bootcamp and received a certificate from ED Spread.
- ❖ Mr. Mangi Nikhil, participated in the HackForEt organized by CMR College, Hyderabad.

The following Students Received SWAYAM-NPTEL MOOCs Certificates for Jan-April 2022

S.No	Course Name	Name	Roll No
1	Programming In Java	Mr. Mangi Nikhil	21D45A0512
2	Programming In Java	Mr. Md Althaf Ahmed	20D41A05D5
3	Data Base Management System	Mr. Mangi Nikhil	21D45A0512
4	Big Data Computing	Mr. Mandava Tirumala Chowdari	20D41A05C6
5	Data Base Management System	Mr. MARKAPUDI TINESH KUMAR	21D45A0513



Mr. Mangi Nikhil, Received Gold and Topper 1% Certificate from SWAYAM NPTEL



DEPARTMENT OF INFORMATION TECHNOLOGY & CSIT

FACULTY ACHIEVEMENTS

The following faculty Received SWAYAM-NPTEL MOOCs Certificates for July-December 2022 Timeline.

S.No	Course Name	Name	Designation
1	Introduction To Internet Of Things	Mrs. B.Surekha	Assoc. Professor
2	Cloud Computing	Mr. ARUKONDA VENU	Asst. Professor
3	Introduction To Internet Of Things	Mrs. M.Sri Vidya	Asst. Professor

WORKSHOPS/FDPs/SWAYAM/NPTEL By FACULTY

Faculty Name	Topic Name	Date/Days	Place
Mrs.B.SUREKHA Assoc. Professor	Recent Tools & Technologies for DataScience and Artificial intelligence	19/9/22 to 26/9/22	Madanapalle Institute of Technology & Science
	Recent Tools and Technologies for Data Science and Artificial Intelligence	19/9/22- 26/9/22	Madanapalle Institute of Technology & Science
	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	26/10/22, one day	Intellectual Property Office, INDIA
	Introduction to IoT	July to oct 2022	Swayam NPTEL
	Infinite Innovation with IoT	12/11/2022	Wiley
Mrs. M.SRIVIDYA Asst. Professor	IoT Application Development	02/07/2022	Sri Indu Institute of Engineering & Technology
	"IoT Application Development"	02/07/2022	Sri Indu Institute of Engineering & Technology
	E-Awareness Workshop	30/07/2022	NPTEL
	Cyber Threats and Security Measures	25-07-2022 to 29-07-2022	Information Management and Emerging Engineering Department
	NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	26-10-2022	NIPAM
	Recent Tools & Technologies for Data Science and Artificial Intelligence	19-09-2022 to 26-09-2022	MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCE
	Recent Tools & Technologies for Data Science and Artificial Intelligence	19/09/2022 to 26/09/2022	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Mrs. J.Sushmitha Asst. Professor	Reset tools and Technology for Data science and Artificial intelligence	19..9.2022 to 26.09.2022	Madanapalle institutions of technology and science
	National intellectual property awareness mission	26/10/2022	Intellectual property office,india
Mrs.J S Radhika Assoc. Professor	Infinite innovation with IOT	12/12/2022	Wiley
	National intellectual property awareness mission	26/10/2022	Sri indu college of engineering and technology
	"Recent Tools & Technologies for Data Science and Artificial Intelligence"	19-9-2022 to 26-9-2022	MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
Mrs. SASIREKHA J Asst. Professor	National Intellectual Property Awareness Mission	26/10/2022	National IP Awareness Mission
Mrs.Y.Harathi Asst. Professor	Recent Tools and Technologies for Data Science and Artificial intelligence	19/09/22 to 26/09/22	Madanapalle institute of technology and science
Mr.Arukonda Venu, Asst. Professor	Cloud Computing	July- December, 2022	NPTEL-AICTE

Organized TECHNOPHILIA The Passion of Technology on 19-11-2022.

Students from IT and CSIT participated in this Technical Fest. Students have participated in various events of Technophilia, 1. Technical Paper presentation, 2. Short Film, 3. Poster Dazibao, 4. Paracoding, 5. Debate, Mastermind



Debate



Poster Dazibao



Faculty and Students participated- TECHNOPHILIA



Teachers Day celebrated on 05-09-2023



TRADITIONAL DAY 2022



Coding Contest conducted on the occasion of Engineers Day on 15-09-2022



Inauguration of Cyber security Club 19.11.2022



CSE Allied Branches

AI&ML and Cyber Security

PUBLICATIONS/FDPs

- **Mrs. G. Uma Maheswari**, Asst. Professor, published a paper entitled “A Dominant Feature Selection Method for Deep Learning Based Traffic Classification Using A Genetic Algorithm”, in the International Journal of Scientific Research in Computer Science, Engineering and Information Technology, DOI ISSN : 2456-3307, Volume 8, Issue 6, 173-181, November 2022.
- **Ms. M Swathi Reddy**, Asst. Professor published an article titled “A Novel Framework for Analysis of Road Traffic Information for Decision Support by Using Data Mining Techniques” in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, ISSN : 2456-3307, , Volume 8, Issue 6, 173-181, November 2022.
- **Ms. Kommu Anusha**, Asst. Professor published an article titled “A Novel framework for early intelligent vulnerability detection algorithms for IOT technology environment” in the International journal of scientific research in science and technology, ISSN: 2395-6011, Volume 9, Issue 6, Nov-Dec 2022, P 311-318.
- **Ms. K.Swetha**, Asst. Professor, published an article titled ‘A Framework for Data Security and Sharing in Cloud Computing Environments by Using Cryptographic Algorithms” in International Journal of Scientific Research in Computer Science, Engineering and Information Technology, ISSN : 2456-3307, Volume 8 Issue 6, Nov-Dec 2022, P314-322.

PATENT

- **Mrs. G.Uma Maheswari**, Asst. Professor invented a patent on “A methodological strategy for using machine learning techniques in the endeavour of forecasting judicial decisions” Application Number 202241060784A, published on 28/10/2022 in Patent publication India.

WORKSHOPS/FDPs/SWAYAM/NPTEL By FACULTY

- **Mrs. G. Uma Maheswari**, Asst. Professor, Completed NPTEL-AICTE Faculty Development Programme on Cloud Computing and Introduction to Internet of Things for July-December, 2022 Timeline.
- **Mrs. G. Uma Maheswari**, Asst. Professor, attended FDP on “IPR AWARENESS TRAINING” at NIPAM from 26/10/2022 to 26/10/22.
- **Mrs. G. Uma Maheswari**, Asst. Professor, attended FDP on “5G: A Catalyst for the Next Wave of Innovation & Digital Transformation” from 9th Nov 2022 to 9th Nov 2022 at G. Pulla Reddy Engineering College(Autonomous), Kurnool.
- **Mrs. G. Uma Maheswari**, and **Mrs. K.Swetha** Asst. Professors, attended FDP on “Recent trends in Artificial Intelligence and Machine Learning” from 26/9/2022 to 30/9/2022 at Sidhartha institute of science and technology, JNTUA.
- **Mrs. G. Uma Maheswari**, Asst. Professor, completed training on “Innovation Ambasder Training(Advanced level 30 hours) from MoE innovation cell,AICTE.
- **Mrs. G. Uma Maheswari**, and **Mrs. K.Swetha** Asst. Professors, attended FDP on “Recent Tools & Technologies for Data Science and Artificial Intelligence” from 19.09.2022 to 26.09.2022 at MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
- **Mrs. K.Swetha**, Asst. Professor, completed short term training courses on “Cyber threats and security measures” from 25/07/2022 to 29/07/2022 from NITTTR.

SWAYAM NPTEL/MOOCs

- **Mrs. G. Uma Maheswari**, Asst. Professor, Completed SWAYAM NPTEL online course and received Elite Certificate in “Introduction To Internet Of Things” and “Cloud Computing” for the July-December Timeline.



Conducted Student Development Programme on **Hands-on session on Data Visualization with tableau** to enhance skill development among students. Tableau is a Business Intelligence Software that helps companies visualize and understand their data. Tableau 10 is the most popular tool for reporting and Business Intelligence.



MOOCs - SWAYAM NPTEL Awareness Workshop conducted on 30.12.2022

STUDENT ACHIEVEMENTS:

Students participated in University level, Essay Writing and Short Film Competitions

- Ms. T.Supriya 20D41A6657, Mr.G.Chakraphani 20D41A6620, Mr.K.Akhay 20D41A6601, Ms.V.Likhitha 20D41A6660, Ms.R.Siri Chandana 20D416650, Mr.G.Rohith 20D416623 and Ms.S.Harshitha 20D41A6654 2nd year students participated in Grand Finale of University level Short Film Competitions on Technology "Narcotic Drugs" held on 24-09-2022 at JNTU Hyderabad.

Students participated in JNTUH Golden Jubilee Celebrations at Hyderabad in association with Telangana State Council of Higher Education on 24-09-2022.

Department of AIML,CS,DS and AI&DS organized A TechAstra 22 on 21-10-2022. Conducted Coding contest, Poster & Technical Paper presentation Quiz and Non-Technical Events



The following students Received SWAYAM-NPTEL/COURSERA MOOCs Certificates for July-December 2022 Timeline

S.No	Course Name	Name	Roll No
	CYBER SECURITY		
1	Programming In Java	Mr. VANAMA THARUN KUMAR	20D41A6255
2	The Joy of Computing using Python	Mr. GANDRA AKHIL	20D41A6221
3	Programming In Java	Mr. K Laxmi Narasimha Reddy	20D41A6230
4	Cryptography And Network Security	Ms. MADDI SRINIDHI	20D41A6233
5	Cryptography And Network Security	Ms. SELIVERU PAVANI	20D41A6246
6	Cloud Computing	Ms.VALLAKONDA HYNDAVI	20D41A6254
7	Cryptography And Network Security	Mr. ANNEDLA SHYAMSUNDAR REDDY	20D41A6208
8	Cryptography And Network Security	Ms. MUDAVATH NEERAJA	20D41A6235
9	Cryptography And Network Security	Ms.MUPPIDI ANJALI	20D41A6236
	AIML		
1	Programming, Data Structures And Algorithms Using Python	Mr.Akshay Kumar Kona	20D41A6601
2	Cloud Computing	Mr.KAKIREDDY VAMSHIDAR REDDY	21D45A6602
3	Introduction To Internet Of Things	Mr.A SAINATH REDDY	20D41A6602
	COURSERA Courses		
1	Data Structures	Mr.Pedalli Sai Krishna	
2	Basic Image Classification with Tensorflow	Ms.Devulapplay Neeraja	

Internships & Courses Completions/Participation in Events

Student Name	Topic Name	Date/Days	Organization/Place
Ms.Yamini Ambati	Virtual Internship on Data Science, ML & AI	29-10-2022	Knowledge Solutions India Ltd.
	Course on NSE 1 Network Security Associate	21-09-2022	Frotnet
Ms.Annepally Navya	Internship on Ethical Hacking and Countermeasures	16-8-2022 to 15-12-2022	Grade Spot Academy of Pvt. Ltd.
Ms.Sadhvika Illendula	Internship on Ethical Hacking and Countermeasures	16-8-2022 to 15-12-2022	Grade Spot Academy of Pvt. Ltd.
	Course on Cyber Security Essentials	8-11-2022	CISCO Networking Academy
Ms. Ekki Shravani Ms.B.Kavya Ms. K.Yashaswini Reddy	Participated in Aptitude Test In Technothsav	21-10-2022	SICET, Hyderabad
Ms. Ekki Shravani	Participated in State level Police Recruitment Board	14-12-2022	TS , Police Dpt. Cyberabad
Mr.G.Ganesh	Paper Presentation on Photopiethysmography in INDUIwai-22	23 & 24 Sept, 2022	SICET, Hyderabad
	Completed Assessment Skills in Python	12-11-2022	HackerRank
	Elocution Competition	11-11-2022	SICET, Hyderabad
	Participated in Data Science and with Python Program	28-6-2022 to 31-08-2022	UDGAM, Guwhathi
Ms.Ch.Akanksh	SAMBHAV E National Level Awareness Programe	Oct-Nov 22	Ministry of MSME
Ms.Pranitha Mohanty	Secured 2 nd prize an Art Gallery in the National Education Policy Day	2022	SICET, Hyderabad
	The Data Science Time Machine	25-12-2022	NxtWave
Ms.Poojasri	Participated in TALENT HUNT 2.0	20-09-2022	SRMART

CSE - Internet of Things

Organized ADOG (ANOTHER DIMENSION OF TECH) Technical events on 09-12-2022

Objectives: To show the hidden talent of the students to prove themselves where they are in this competitive world". Today the department of IoT proposed to organize several technical events like debugging, debating Innovative Ideas, Quizzes, Aptitude, and one non-technical event.



TREASURE OF REVERIE (INNOVATIVE IDEAS)



FIND-FIX-FINISH (DEBUGGING)



SOUND OUT(QUIZ)



Prize distributions

FACULTY ACHIEVEMENTS

PUBLICATIONS

- **Dr. K. Sampath**, Professor, published a research article on "Intracranial Hemorrhage Subtype Classification using Learned Fully Connected Separable Convolutional Network", in wiley online library, Concurrency and Computation: Practice and Experience, July, 2022, DOI: <https://doi.org/10.1002/cpe.7218> (SCIE and SCOPUS Indexed).
- **Dr. K. Sampath**, Professor published a paper on "Code level self-adaptive approach for building reusable software components" in SPRINGER conference proceeding, Intelligent Computing and Applications, ISBN978-981-19-4161-0. November 2022.

- **Dr. K. Sampath**, professor, a paper on “A novel integer based framework for secure computations over ciphertext through Fully Homomorphic Encryption schemes” accepted to publish in cloud computing security IJCACI 2022 (6th International Joint Conference on Advances in Computational Intelligence).
- **Mr.S.Narasimhulu**, Asst. Professor, published a paper titled “ GARBAGE MONITORING SYSTEM USING IOT” in Dogo Rangsang Research Journal, UGC Care Journal , ISSN 2347-7180, Vol. 12, Issue. 10, No. 02, November: 2022.

PATENT FILED/PUBLISHED

- **Mrs.B.Pradeep Kumar**, Asst. Professor invented the patent “Artificial Intelligence Algorithm Utilized Intelligent Accident Indication System to the Rescue Team using Thriving Cloud Computing” Application Number 202241072503, published on 30-01-2022 in IPR India.

SEMINAR/WORKSHOP/WEBINAR/FDPs by FACULTY

- **Dr. K. Sampath**, Professor, Participated In AICTE recognized one-week FDP on “Cyber Threats and Security Measures”, conducted by Information Management and Emerging Engineering Department through NITTTR, Chandigarh from 25/07/2022 to 29/07/2022.
- **Dr. K. Sampath**, Professor, Ms.V.Kalyani, Asst. Prof. participated webinar in the IETE Knowledge Sharing Session-78 on “Embedded Memory Technology Trends and Test Challenges” organized by IETE Hyderabad Centre, 16-10-2022.
- **Dr. K. Sampath**, Professor, attended an online conference on “Awesome Day” conducted by Amazon Web Services on 29-09-2022.
- **Mr.S.Narasimhulu**, Asst. Professor, Completed NPTEL-AICTE Faculty Development Programm on Introduction to Internet of Things for July-December, 2022 Timeline.
- **Mr.S.Narasimhulu**, Asst. Professor, participated in 2 days National Level FDP on “Applied Python & IOT with Raspberry PI” organized by JNTUH, Hyd held on 16th & 17th December 2022.

Mr.Mandala Raj Kumar, Asst. Professor, **Participated in the following FDPs/Workshops/Webinars/MOOC Courses.**

1. Completed FDP on “Programming in Java “ from July to October 2022 12 weeks, NPTEL-AICTE.
 2. Completed FDP on “Cyber Threats and Security Measures” from 25-07-2022 to 29-07-2022 from NITTTR, Chandigarh.
 3. Completed training on “AWS Cloud Master class Discovery Day” on 25/11/2022 from NASSCOM FutureSkills Prime.
 4. Participated in UGC Sponsor **Webinar on "NEP-2020 Implementation Plan: Multidisciplinary and Holistic Education"** held from **07/07/2022 to 08/07/2022, JNTUH.**
 5. Completed MOOCs Coursera Course on AWS cloud technical essentials on 31-10-2022.
 6. Participated in workshop on **Infinite Innovation with IOT held 12-12-2022 from wiley**
 7. Participate in Impact Lecture Series Phase 2 organized by Maharishi Markandeshwar Engineering College, Mullana- Ambala, Haryana in association with Institution Innovation Council (IIC) On 29th July, 2022.
 8. Completed Microsoft India & SAP India led FDP on “Artificial Intelligence” under Techshaksham, from 28-11-2022 to 02-12-2022.
- **Mr.B.Pradeep Kumar**, Asst. Professor, attended online conference on “Awesome Day” conducted by Amazon Web Services on 29-09-2022.
 - **Mr.B.Pradeep Kumar**, Asst. Professor, Participated In AICTE recognized week FDP on “Cyber Threats and Security Measures”, conducted by Information Management and Emerging Engineering Department through NITTTR, Chandigarh from 25/07/2022 to 29/07/2022.
 - **Ms. V.Kalyani and Mrs.B.Pradeep Kumar**, Asst. Professors participate in a workshop on “Infinite Innovation with IoT” conducted by wiley on 12-11-2022.
 - **Ms. V.Kalyani**, Asst. Professor, participated in IP Awareness Training programme under National Intellectual Property Awareness Mission on 26-10-2022.
 - **Ms.V.Kalyani**, Asst. Professor participated, a webinar in the IETE Knowledge Sharing Session-83 on “Leadership Skills” organized by IETE Hyderabad Centre, 27-11-2022.
 - **Ms.V.Kalyani**, Asst. Professor participated, a webinar in the IETE Knowledge Sharing Session-79 on “Cyber Security Challenges and Methods of Mitigation” organized by IETE Hyderabad Centre, 23-10-2022.

The following faculty Received SWAYAM-NPTEL-COURSERA MOOCs Certificates for July-December 2022

S.No	Course Name	Name	Designation
1	Programming In Java (NPTEL)	Dr. K. Sampath	Professor
2	Programming In Java (NPTEL)	Mr.Mandala Rajkumar	Asst. Professor
3	AWS Cloud Technical Essentials (COURSERA)	Mr.Mandala Rajkumar	Asst. Professor
4	Introduction To Internet Of Things (NPTEL)	Mr.S NARSIMULU	Asst. Professor

STUDENT ACHIEVEMENTS:

The following students Received SWAYAM-NPTEL MOOCs Certificates for July-December 2022 Timeline.

S.No	Course Name	Name	Roll No
1	Programming In Java	Ms.T.Ankitha	20D41A6949
2	Programming In Java	Ms.Manthena Rajitha	20D41A6929
3	Programming In Java	Mr.K Sai Prathik	20D41A6920
4	Programming In Java	Mr.Rachamalla sai sheran	20D41A6941
5	Programming In Java	Mr.SAYAMONI SAI KIRAN	20D41A6954
6	Programming In Java	Mr.Tanguturi Venkata Sai Sharath	20D41A6946
7	Programming In Java	Mr.Baikani Vamshi	20D41A6903

ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

FACULTY ACHEIVEMENTS:

Dr.Adeline Johnsana J S, Professor, Participated in the following FDPs/Workshops/ Webinars/MOOC Courses.

- ❖ Completed SWAYAM NPTEL online course and received Elite certificate in Introduction to Machine Learning, July-December, 2022 Timeline.
- ❖ Participated in Five Days Faculty Development Programme on Recent Trends in Artificial Intelligence & Machine Learning from 26-09-2022 to 30-09-2022 at SIST, Ananthapur.
- ❖ Participated in four week Faculty Developmental Programme on “Innovation and Entrepreneurship” from 2nd to 23rd July 2022 at Sree Vidyanikehtan Engineering College at Tirupathi.
- ❖ Participated in an online workshop on “Innovation Applications in Robotic Process Automation using Uipath” SIMATS School of Engineering , Tamilnadu on 14-10-2022.
- ❖ Completed NPTEL-AICTE Faculty Development Programme on Introduction to Machine Learning, for July-December, 2022 Timeline.
- ❖ Participated in one week Faculty Development Programme on Recent Tools & Technologies for Data Science and Artificial Intelligence from 19.09.2022 to 26.09.2022 at MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE, AP.

STUDENTS ACHEIVEMENTS:

- **Mr. B.Ashrith**, 2nd year student participated in the Aptitude Test, a technical convention on the occasion of IEEE month, TechAstra2022 held in 21-10-2022 at SICET.
- **Mr. Srimanth**, 2nd year student participated in the Coding Contest, and technical convention on the occasion of IEEE month, TechAstra2022 held in 21-10-2022 at SICET.
- **Mr. K.Mahesh**, 2nd year student participated in the Quiz Competition, and technical convention on the occasion of IEEE month, TechAstra2022 held on 21-10-2022 at SICET.
- **Mr. Nagapuri Sanjay**, 2nd year student participated in “A State Level Technical fest IKRAUS 2022” at KG Reddy College of Engineering held on 23rd & 24th December, 2022.
- **Mr. Nagapuri Sanjay**, 2nd year student participated in “Teens Den – BGMI National Level Technical Fest at IARE, Hyd. On 24th & 25th November 2022.
- **Ms.P.Varsha**, 2nd year student, secured 1st Rank for meritorious performance on the eve of Excellencia 2022.
- **Ms.D.Kavitha sri**, 2nd year student participated in Knack Technical event in ADOT 2K22 held on 09-12-2022 at SICET.
- **Ms.S.Shiva**, 2nd year student participated in Knack and Sound Out Technical event in ADOT 2K22 held on 09-12-2022 at SICET.

On the occasion of National Education Day, November 11, 2022, a commemorative program was held at Sri Indu College of Engineering and Technology coinciding with the birthday of Bharat Ratna Maulana Abul Kalam Azad, First Union Minister of Education. He had a profound impact on many sectors of life, especially in the field of education. At the event, all the faculty members, and students from various departments were present.

Events conducted: Educo Art Gallery, Elocution and Technical Spell bee.



Attendees- Faculty members and Students



Innovation Day Addressing by Dr.G.Suresh, Principal



Prize Distribution by Dr.G.Suresh., Principal and Dr.P.Mallesham, Professor, ME



Department of AIML,CS,DS and AI&DS organized A TechAstra 22 on 21-10-2022.

Students have participated in Essay Writing and Short Film Competitions on the occasion of JNTU Golden Jubilee Celebrations JNTU Hyderabad in association with Telangana State Council of Higher Education on 24-09-2022 at JNTUH Kukatpally, Campus.

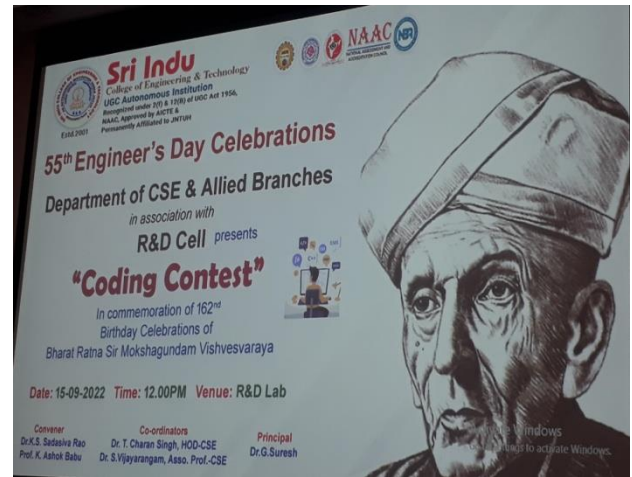


PUBLICATIONS

- **Dr. K Gunasekaran**, Professor, published an article titled “Energy Efficiency Improvement using Combined Deep Learning Neural Network and Binary cuckoo search by Thermo economic analysis in Shrouded Wind Turbine” in Journal of Neuroquantology, **eISSN**1303-5150 . 3207-3223, Volume 20, Number 8, July 2022, 3207-3223.
- **Dr. K Gunasekaran**, Professor, published a paper on “Know Your Customer (KYC) as a service for Business Process Management (BPM) using Cloud Computing” in IEEE Explore International Conference, ICSES, 2022, pp 1-6, October 2022.
- **Dr. K. Gunasekaran**, Professor, published an article titled “Hybrid firefly meta optimization for bio medical image processing using deep learning” in Journal of Pharmaceutical Negative Results, <https://doi.org/10.47750/pnr.2022.13.04.169> Volume 13, Issue 4, November 2022.
- **Dr.Martin Sahayaraj, Dr.Gunasekaran K, Dr.Kishore Verma**, professors published a paper on “Resource allocation and information exchange of cognitive user connectivity with minimal interference using simulation analysis” in IEEE Explore International Conference, DVD Part Number: CFP22OSV-DVD; ISBN: 978-1-6654-6940-1, 'November, 2022.

SEMINAR/WORKSHOP/WEBINAR/FDPs by FACULTY

- **Dr. K Gunasekaran**, Professor completed FDP on “Recent tools and Technologies for Data Science and Artificial Intelligence” from 19/09/22 to 26/09/22 from Madanapalle Institute of Technology and Science.
- **Dr. K Gunasekaran**, Professor completed FDP on “Emerging research trends in computing technologies” from 28/11/22 to 02/12/22 from Dr MGR Educational and Research Institute, Chennai.
- **Dr. K Gunasekaran**, Professor attended “IP Awareness and Training Program” on 28/09/22 conducted by the Intellectual property office, India, through online.



Students participating in Coding Contest (Theme: Enhance your Coding) on the occasion of Engineers Day Celebration on 15.09.22 organized by the department of CSE and Allied branches



Organized EDL Excelr Orientation Program on coding enhancement 30-12-2022

Organized A TechAstra22 on 21-10-2022

This is a platform where students enhance their skills & talents by participating in the following events organised during the fest which would add credits to their career growth.

1. Poster Presentation
2. Coding Contest
3. Technical Paper Presentation
4. Quiz
5. Aptitude Test
6. Non Technical Events



Organized one day workshop on Reinforcement Learning Through Multiarmed Bandits on 23.02.2023



DEPARTMENT OF ME and EEE

PUBLICATIONS

- **Mr. M.Srinivasa Rao**, Assoc. Professor, Invented a patent “A Novel Reinforced AA2195 Based Metal Matrix Composite for Space Application” Application Number 202241046330 on 26-08-2022.
- **Mr. M.Srinivasa Rao**, Assoc. Professor, Invented a patent “A High strength hot-rolled and heat treated Aluminum AA2195 alloy-based Metal Matrix Composite and Manufacturing process” Application Number, 202241047825 on 02-09-2022.
- **Mr. M.Srinivasa Rao**, Assoc. Professor, published an article on “ New Developments of aluminum alloys for future generation applications- a review” in AIP Conference Proceedings 2648, 030011(2022) <https://doi.org/10.1063/5.0114421>, on 29-11-2022.
- **Mr. M.Srinivasa Rao**, Assoc. Professor, accepted an article on “Influence of rolling and aging on mechanical properties of AA2195 Based Metal Matrix Composites” in International Journal of Integrated Engineering”
- **Mr. M.Srinivasa Rao**, Assoc. Professor, accepted a paper on “Experimental Investigation on Mechanical Properties of AA2195 based MMCs for Space Application” Reference Number:BMS-CMS-2022-HT20-4427-4.

SEMINAR/WORKSHOP/WEBINAR/FDPs by FACULTY

- **Mr. J. Rakesh sharan**, Assoc. Professor attended webinar/Seminar on “IIC REGIONAL MEET 2022” on 12-8-2022 from SNIST, Hyderabad.
- **Mr.Tadepalli Aravind**, Asst. Professor attended webinar/Seminar on “NEP-2020:implementation plan: Technology use and integration” on 03-09-2022, from JNTUH Hyderabad.

DEPARTMENT HUMANITIES AND SCIENCE

PUBLICATIONS

- Dr. S. Rameshkumar**, Professor published an article on “Exploring the effect of partial RE (Nd, Eu, Tm) substitution on Sn sites on the electronic and physical properties of BaSnO₃”, in Elsevier, Physica B, Volume 646, 1 December 2022, 414306, <https://doi.org/10.1016/j.physb.2022.414306>.
- Dr. K. Gobalaktishnan**, Professor published an article on “ THE THEME OF SUBALTERN IN DALIP KAUR TIWANA’S A JOURNEY ON BARE FEET A STUDY” Purana-Vol. LXV, Issue-2, No. 12, 2022.
- Dr. S. Rameshkumar**, Professor, published an article on “Controlled growth of 2D structured Cu₂WS₄ nanoflakes for high-performance all-solid-state supercapacitors”, in Journal of Electro analytical Chemistry, Volume 922, 1 October 2022, 116718, <https://doi.org/10.1016/j.jelechem.2022.116718>.
- Dr. S. Rameshkumar**, Professor published an article on “Preparation of CoFe₂O₄/SiO₂ nanocomposite as potential electrode materials for supercapacitors”, in Inorganic Chemistry Communications, Volume 146, December 2022, 110036, <https://doi.org/10.1016/j.inoche.2022.110036>.

Dr. Rajeevgandhi, Professor, published an article on “Magnetic Application of Gadolinium Orthoferrite Nanoparticles Synthesized by Sol–Gel Auto-Combustion Method” in *Gels* an international, peer-reviewed Journal, ISSN: 2310-2861, 8(11), 2022, p.688, <https://doi.org/10.3390/gels8110688>.

PATENTS

Mrs.Leela Mantri, Assoc. Professor and **Mr.Yelala Srinivas** Asst. Professors, Invented a patent “Computational Analysis of the Consistency for the Navier-Stokes Equation and the Formation of a Uniform Velocity Profile in a Channel 2” Application No. 202241058907 Publication Date : 21/10/2022.

Mrs.U Sahitya, Assistant Professor, Invented a patent “Evaluation and Methodology of A Sustainable Adsorbent for Fluoride Removal from an Aqueous Medium” Application No. 202241064384A, Publication Date :25-11-2022.

Mrs.Dugyala Mounika, Assoc. Professor, Invented a patent “Methods for Precision Agricultural Crop Selection Using IOT-Based Surveillance” Application No.202341009147A, Publication Date 17/02/2023.

Faculty Reviewer and Editorial membership

Dr. C. Rajeevgandhi, Professor, completed Reviews in July 2002 for the Journal of Material science: Materials in Electronics- Springer Nature.

Dr. GOBALAKRISHNAN, Professor, in recognition of the review made for the journal (1 Review) the International Journal of Research and Innovation in Applied Science (IJRIAS) ISSN No. 2454-6194 (August 2022)

Dr. K. GOBALAKRISHNAN, Professor, in recognition as a Reviewer of International Journal of Science and Research (IJSR for Reviewing 1 Manuscript so far. Certificate Issue Date: 05/01/2023.

Dr. GOBALAKRISHNAN, Professor is an active review member of the esteemed Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162)Holding Member ID : 117004

CONFERENCES/SEMINAR/WORKSHOP/WEBINAR/FDPs by FACULTY

Dr.T.Jayakumar, Professor and **Mrs.N.SHARMILI** Assistant Professor, Participated in the AICTE Recognized Faculty Development Programme on Energy Harvesting & Storage Materials & Devices Conducted by Applied Science Department from 12/09/2022 to 16/09/2022 (One Week)at NITTTR, Chandigarh.

Dr. T. Jayakumar, Professor, actively participated in the International Webinar on Solar Photovoltaics for Sustainable Future Centre for Research and Development in Education and Social Integration (CRESIHRD), Bharat Institute of Engineering and Technology and Indian Ceramic Society, Hyderabad Chapter on 24/12/2022.

Dr. T. Jayakumar, Professor, actively participated in the International Webinar on Indigeneous Materials for Energy Storage conducted on 03/09/2022 by BIET, CRESIHRD and Indian Ceramic Society, Hyderabad Chapter.

Dr. T. Jayakumar, Professor, actively participated for International Workshop on Thermoelectric Materials and Applications held on 24-25 August 2022. Organized by SSN Research Centre, SSN Institutions, Chennai-603110, Tamil Nadu, India, Sponsored by Science and Engineering Research Board (SERB), Govt. of India In association with Indian Association for Crystal Growth (IACG)

Dr. T. Jayakumar, Professor, actively participated in Six-Day Online International Faculty Development Program on Recent Trends in Applied Physics, organized by the Department of Physics, Easwari Engineering College (Autonomous), Ramapuram, Chennai, from 25.07.2022 to 30.07.2022.

Dr. T. Jayakumar, Professor, actively One Day International Webinar on “Advanced Functional Material” by the Department of Physics, Easwari Engineering College (Autonomous), Ramapuram, Chennai, 28-09-2022.

Dr. S. Rameshkumar, Professor, completed training on “66th DAE SSPS 2022” from 18/12/2022 to 22/12/2022 from Birla Institute of technology, Ranchi.

Dr. S. Bhanuprasad, Professor, and **Mrs.U Sahitya Reddy**, Asst. Professor, has actively participated in One-Day Online National Faculty Development Program on Recent developments and energy efficient semiconductor based materials and their application on 26th October 2022 at Malla Reddy College of Engineering and Technology, Hyderabad.

BATHUKAMMA CELEBRATIONS



Organized an Orientation Programme for First year students for the batch of 2022-23 on 06-11-2022

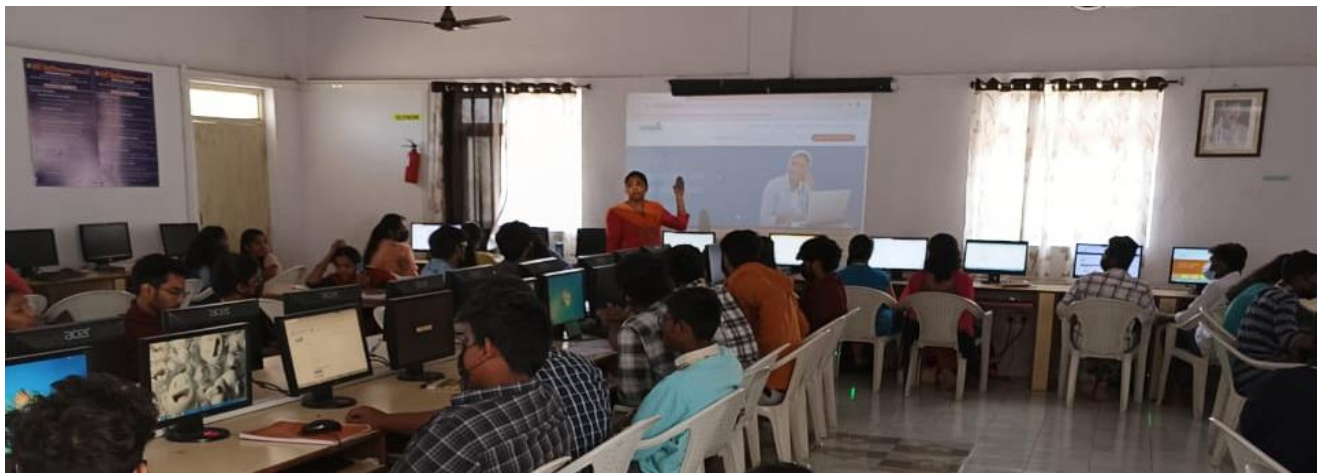


Organized an "Orientation Program" for first-year students for the batch of 2022-23 on 06-11-2022





conducted Induction Programme for 1st year students



SWAYAM NPTEL Awareness Workshop conducted for 1st year B.Tech. Students on 12-01-2023



Organized International Day for Elimination of Violence against women on 25-11-2022



Dr. G.Suresh Principal Addressing the gathering on occasion of Teachers Day Celebrations



Dr. Ramesh kumar presented a Poster in 66th DAE Solid state physics symposium organized by Bhabha atomic research center, Mumbai held at Birla institute of Technology Mesra, Ranchi, during 18-22 December 2022



CENTRAL LIBRARY

Library established separate building in the carpet area of 2500 sq-mts., is the backbone of our institute. It can accommodate 300 readers at a stretch. We have a collection of more than 43538 volumes & 7058 titles, college has subscribed National, International Journals, Magazines, Technical Magazines and newspapers. Study materials for the competitive examinations such as **TOEFL, GRE, IELTS, CIVILS, GATE and UGC NET/SET** have also been provided in the Library.

Central Library has a well equipped Digital Library with more than 55087 e-books. It has **IEEE, J-Gate Engineering & Technology, DELNET, UGC N-List, National Digital Library and SWAYAM PRABHA** facility under which various library sources around the world are shared. It being apart, MIT(USA), IITs' NPTEL and Video Courses have been installed in the Digital Library to inculcate the research oriented thinking among the students.



CENTRAL LIBRARY



READING HALL



DIGITAL LIBRARY



JOURNALS & MAGAZINES

CENTRAL LIBRARY ORGANIZED EVENTS



Library Orientation Programms conducted for B.Tech. 1st year Students for the Academic year 2022-23

Mr. P.Dayakar Reddy, Librarian, Participated/ Attended National and International Level Workshops/Webinars.

- ❖ Received Certificate of Appreciation from SWAYAM NPTEL, IIT Madras for his role as SPOC for the SWAYAM-NPTEL Local chapter for the July-December 2022 Semester.
- ❖ Attended online NACLIN 2022, 25th National Convention on Knowledge, Library & Information Networking, December 14-16, 2022 organized by DELNET, New Delhi
- ❖ Attended NPTEL Awareness workshop on 12-12-2022 organized by IIT Madras in association with St. Ann's College for women at Hyderabad.

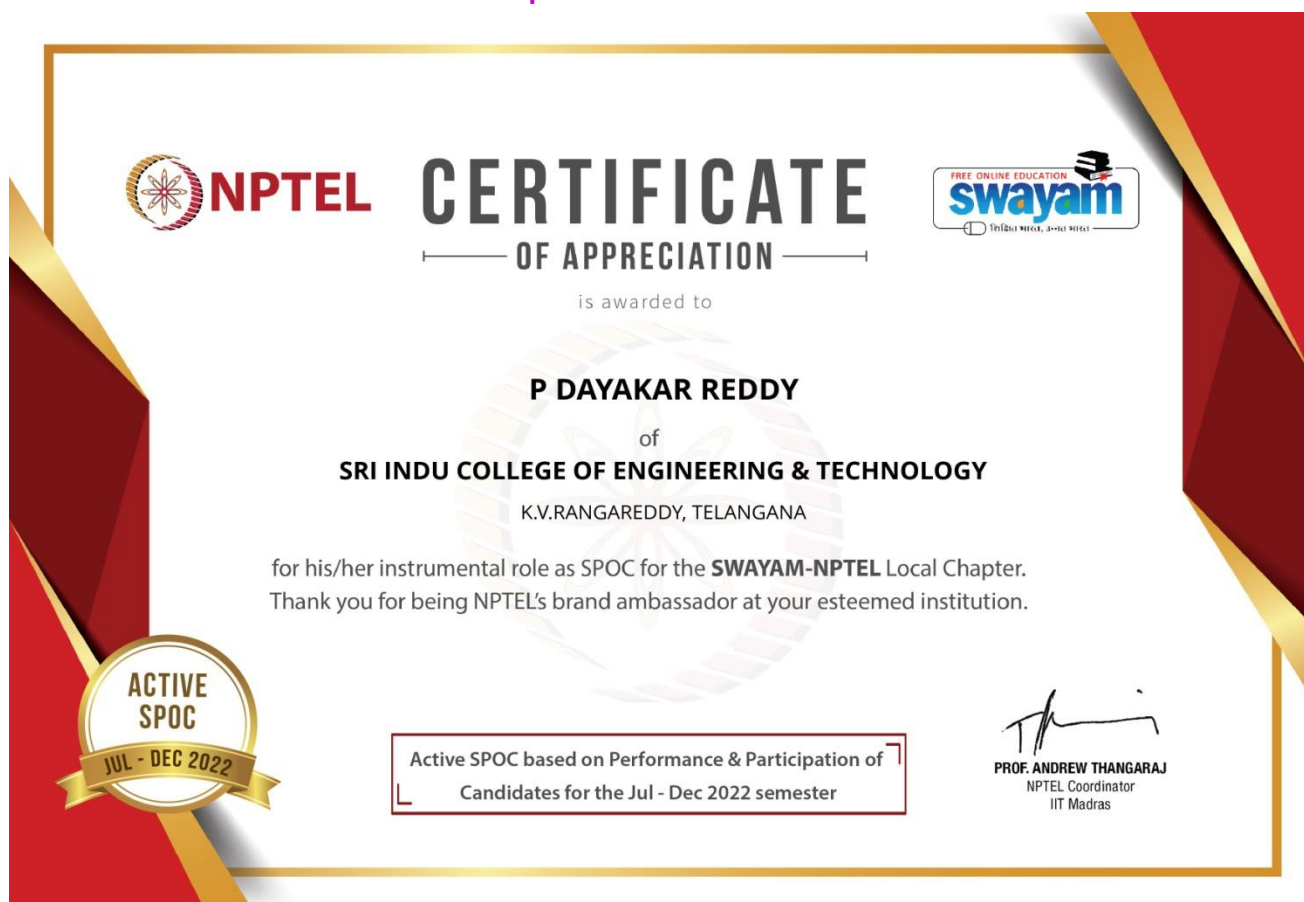
MOOC COURSES

SWAYAM - NPTEL and COURSERA

SWAYAM-NPTEL LOCAL CHAPTER:

To encourage more staff and students to participate in MOOC Courses, SWAYAM-NPTEL Local chapter was formed in the year 2017. College is recognized as an Active Local Chapter by SWAYAM NPTEL LOCAL CHAPTER, IIT Madras. So far 357 courses completed form SWAYM NPTEL.

NPTEL Active Local Chapter and SPOC for JULY-DECEMBER 2022 SEMESTER



Paduri Dayakar Reddy, Librarian & SPOC, Receiving ACTIVE LOCAL CHAPTER Certificate from Prof. Andrew Thangaraj, NPTEL Coordinator, IIT Madras, on 15-12-2022.



SWAYAM NPTEL User Awareness Programme conducted for January-April 2023 Timeline in the placement Auditorium

SWAYAM NPTEL LOCAL CHAPTER

Branch wise Staff received MOOC certificates For JULY-DECEMBER 2022 Timeline

S.No	Course Name	Name	Certificate Type
	ECE		
1	Cloud Computing	Dr.P RAMESH	Elite+Silver Topper of 5% in this course
2	Introduction To Industry 4.0 And Industrial Internet Of Things	Dr.P RAMESH	Elite+Silver Topper of 5% in this course
3	Introduction To Internet Of Things	Mrs.PRATHYUSHA V	Elite+Silver
4	Introduction To Internet Of Things	Mrs.G SRAVANTHI	Elite+Silver
5	Introduction To Internet Of Things	Mrs.Swathi Singanaboina	Elite+Silver
6	The Joy of Computing using Python	Mrs.D SANDHYA RANI	Elite+Silver
7	Introduction To Internet Of Things	Mrs.Bommala Neeraja	Elite
8	Introduction To Internet Of Things	Mrs.PASULA MAMATHA	Elite
9	Introduction To Internet Of Things	Mr.GONUGUNTA RAJ KUMAR	Elite
10	Introduction To Internet Of Things	Mr.POLAGONI SRINIVAS	Elite
11	Introduction To Internet Of Things	Mrs.UDAYASRI PABBU	Elite
12	Introduction To Internet Of Things	Mrs.HEMAVATHI B	Elite
13	Introduction To Internet Of Things	Mrs.KALPANA R	Elite
14	The Joy of Computing using Python	Mrs.SWETHA P	Elite
15	Introduction To Industry 4.0 And Industrial Internet Of Things	Dr.J Martin Sahayaraj	Elite
16	Cloud Computing		Successfully completed
17	Introduction To Internet Of Things	Mrs.K SRAVANI	Successfully completed
18	Cryptography And Network Security	Dr.J Martin Sahayaraj	Successfully completed
19	Introduction To Internet Of Things	Mr.Dendhi Thirumal Reddy	Elite
	IT		
1	Cloud Computing	Mr.ARUKONDA VENU	Elite
2	Introduction To Internet Of Things	Mrs.B.Surekha	Elite
3	Introduction To Internet Of Things	Mrs.M.Sri Vidya	Elite
	CSE		
1	Cryptography & Network Security	Dr. P. Epsiba	
2	Cloud Computing	Mr.KANUGU RAM MOHAN RAO	Elite
3	Operating System Fundamentals		Successfully completed
4	Introduction to Machine Learning	Dr.Kishore Verma S	Successfully completed
	AIML		
1	Introduction To Internet Of Things	Mrs.G UMA MAHESWARI	Elite
2	Cloud Computing		Elite
	IOT		
1	Programming In Java	Dr. K. Sampath	Elite
2	Introduction To Internet Of Things	Mr.S NARSIMULU	Elite
3	Programming In Java	Mr.Mandala Rajkumar	Elite+Silver
	AI&DS		
1	Introduction to Machine Learning	Dr. Adeline Johnsana J S	Elite

Branch wise Students received MOOC certificates For JULY-DECEMBER 2022

S.No	Course Name	Name	Roll No	Certificate Type
	ECE			
1	Introduction To Machine Learning - KGP	IDIKUDA MANI RAJ	20D41A0476	Successfully completed
	CSE			
1	Programming In Java	Mangi Nikhil	21D45A0512	Elite+gold
2	Programming In Java	Md Althaf Ahmed	20D41A05D5	Elite+Silver
3	Data Base Management System	Mangi Nikhil	21D45A0512	Elite
4	Big Data Computing	Mandava Tirumala Chowdari	20D41A05C6	Elite
5	Data Base Management System	MARKAPUDI TINESH KUMAR	21D45A0513	Successfully completed
	CYBER SECURITY			
1	Programming In Java	VANAMA THARUN KUMAR	20D41A6255	Elite+Silver
2	The Joy of Computing using Python	GANDRA AKHIL	20D41A6221	Elite+Silver
3	Programming In Java	K Laxmi Narasimha Reddy	20D41A6230	Elite+Silver
4	Cryptography And Network Security	MADDI SRINIDHI	20D41A6233	Elite
5	Cryptography And Network Security	SELIVERU PAVANI	20D41A6246	Elite
6	Cloud Computing	VALLAKONDA HYNDAVI	20D41A6254	Elite
7	Cryptography And Network Security	ANNEDLA SHYAMSUNDAR REDDY	20D41A6208	Successfully completed
8	Cryptography And Network Security	MUDAVATH NEERAJA	20D41A6235	Successfully completed
9	Cryptography And Network Security	MUPPIDI ANJALI	20D41A6236	Successfully completed
	AIML			
1	Programming, Data Structures And Algorithms Using Python	Akshay Kumar Kona	20D41A6601	Elite
2	Cloud Computing	KAKIREDDY VAMSHIDAR REDDY	21D45A6602	Elite
3	Introduction To Internet Of Things	A SAINATH REDDY	20D41A6602	Successfully completed
	IOT			
1	Programming In Java	T.Ankitha	20D41A6949	Elite+Silver
2	Programming In Java	Manthena Rajitha	20D41A6929	Elite+Silver
3	Programming In Java	K Sai Prathik	20D41A6920	Elite+Silver
4	Programming In Java	Rachamalla sai sheran	20D41A6941	Elite+Silver
5	Programming In Java	SAYAMONI SAI KIRAN	20D41A6954	Elite+Silver
6	Programming In Java	Tanguturi Venkata Sai Sharath	20D41A6946	Elite
7	Programming In Java	baikani vamshi	20D41A6903	Elite

COURSERA- MOOC COURSES

College has registered “Coursera for Campus Programme” World top MOOC Courses from California, United States. So far 5735 MOOC online certificate courses completed from COURSERA by Faculty and students from reputed foreign universities.

The following Staff and students have completed Coursera Project Courses from 01-07-2022 to 31-12-2022

S.No	Name	External Id	Course Name	Completion Date
	ECE			
1	Mrs. SANDHYA BOLLA	Asst. Prof.	Overview of Data Visualization	2022-09-06
2	Mythri Kyaragari	19D41A0498	Google Ads for Beginners	2022-08-20
3	VELGAPURI SAI CHANDER RAO	18D41A04N1	Create Your First Python Program From UST	2022-10-20
	IT			
4	NAMALA PRAVEEN	19D45A1206	Command Line in Linux	2022-12-23
	CSE			
5	B.K.N.PRIYANKA	Staff	Machine Learning Pipelines with Azure ML Studio	2022-07-31
6	B.K.N.PRIYANKA	Staff	Create PDF Balance Report using HTML, Excel & Power Automate	2022-07-31
7	B.K.N.PRIYANKA	Staff	Develop a Company Website with Wix	2022-10-30
8	B.K.N.PRIYANKA	Staff	Hiring and Onboarding Employees with ClickUp	2022-10-30
9	Bandari shravya	20D41A0518	Create Your First Python Program From UST	2022-07-27
10	Bandari shravya	20D41A0518	Introduction to Basic Game Development using Scratch	2022-07-27
11	Bandari shravya	20D41A0518	Database Operations in MariaDB Using Python From Infosys	2022-11-18
12	CHELLAMALLA NITHIN	20D41A0539	Introduction to Basic Game Development using Scratch	2022-07-17
13	CHELLAMALLA NITHIN	20D41A0539	Create Your First Python Program From UST	2022-07-26
14	CHELLAMALLA NITHIN	20D41A0539	Database Operations in MariaDB Using Python From Infosys	2022-10-30
15	Sunkireddy Sujith	20D41A05K2	Introduction to Basic Game Development using Scratch	2022-09-12
16	VEEPURI BHANU PRASAD	20D41A05M0	Introduction to Basic Game Development using Scratch	2022-09-12

17	SANDHYA RAN	19D41A0575	Build a Data Science Web App with Streamlit and Python	2022-07-15
18	thota nishvanth	19D41A05L5	Linear Regression with NumPy and Python	2022-09-16
19	thota nishvanth	19D41A05L5	Build Image Quality Inspection using AWS Lookout for Vision	2022-11-29
20	thota nishvanth	19D41A05L5	Azure: create a REST API using NodeJS Serverless Functions	2022-12-04
	CSIT			
21	Govind Dixit	20D41A3320	Create a Website Using Wordpress : Free Hosting & Sub-domain	2022-10-30
	Cyber Security			
22	Gundlapally varshitha	20D41A6224	Creating Routing Policies to Handle Traffic with AWS Route53	2022-12-04
	AI & ML			
23	NEERAJA DEVULAPALLY	20D41A6613	Basic Image Classification with TensorFlow	2022-07-22
24	NEERAJA DEVULAPALLY	20D41A6613	Getting Started with Azure DevOps Boards	2022-08-30
25	GAJJALA KAVYA	20D41A6619	Regular Expressions in Python	2022-11-12
26	GAJJALA KAVYA	20D41A6619	Introduction to Microsoft Excel	2022-11-13
	IOT			
27	baikani vamshi	20D41A6903	Introduction to Basic Game Development using Scratch	2022-10-10
28	baikani vamshi	20D41A6903	Create Your First Web App with Python and Flask	2022-10-16
29	K Sai Prathik	20D41A6920	Linear Regression with NumPy and Python	2022-08-27
30	K Sai Prathik	20D41A6920	Create a Resume and Cover Letter with Google Docs	2022-10-03
31	K Sai Prathik	20D41A6920	Design a mobile app interface with Moqups	2022-10-09
	EEE			
32	ANUGU GANESH	20D45A0202	TypeScript Operators	2022-07-28
33	ANUGU GANESH	20D45A0202	Create Your First Python Program From UST	2022-07-28
	CIVIL			
34	SABAVATH SEKHAR	18D41A0186	Getting Started with Kaggle	2022-07-31
35	NAGAVELLI BISHMA ARAVIND REDDY	18D41A01A7	AWS S3 Basics	2022-12-08
36	KETHAVATH NIKHITH	18D41A01B7	Introduction to Basic Game Development using Scratch	2022-10-02
	ME			
37	Kolipaka pavan sai	19D45A0315	Modern JavaScript: ES6 Basics	2022-11-28
38	Meer Sameer ali	18D41A0361	Business Analysis & Process Management	2022-11-09

PHYSICAL EDUCATION



CRICKET GROUND



BHASKET BALL COURT



VOLLEY BALL COURT



THROUGH BALL COURT



INDOOR GAMES



GYMNASIUM



**Number of awards/medals for outstanding performance in sports activities at Inter-University,
State level and National level in 2022.**

- ❖ Sri Indu Volleyball Team Participated in Freedom Cup Volleyball Turnaments and secured 4th place, organized by DYSO, RR Dt. Held at Indoor Stadium, Saroor Nagar, from 17-08-2022 to 18-08-2023 under Swathanthra Bharatha Vajrothsavalu.
- ❖ Mr. K.Vamshi, participated in Javelin, conducted by Ranga Reddy Athlet Meet 20, at Hyderabad and secured 3rd place on 21-08-2022.
- ❖ Mr. K.Vamshi and Mr. B.Anand Yadav, participated in Kabadi 1st PET Private Association and received merit Certificate on 24-07-2022.
- ❖ Mr. B.Varshith, participated in Volleyball, 1st PET Private Association and received merit Certificate on 24-07-2022.
- ❖ Mr. K.Vamshi, participated as an Athlete in B-20 yrs Group in the Telangana state 1st AFI National Javeline Day Celebrations held on 17-08-2022 at Hanmakonda



Sri Indu Cricket Team won KTR CRICKET Cup, organized TRSV at LB Stadium, Hyderabad. Received Rs. 1,46,000/- Cash Prize from Sri. Srinivas Goud, Minister for Excise & Prohibition, Sports and Youth Services, Archaeology, at Ravindra Bharathi, Hyderabad.



Chairman Appreciating Mr.Prakash Anaurag Singh, Roll No. 19D1A05H6, 4th year, NCC Student during Annual Celebration



Chairman Appricating Sri Indu Kabaddi Team won 1st Prize in 1st Private P.E.T Association Games and Sports at Hyderabad on 24-07-2022



Chairman Appricating Sri Indu Volleyball Team won 1st Prize in 1st Private P.E.T Association Games and Sports at Hyderabad on 24-07-2022



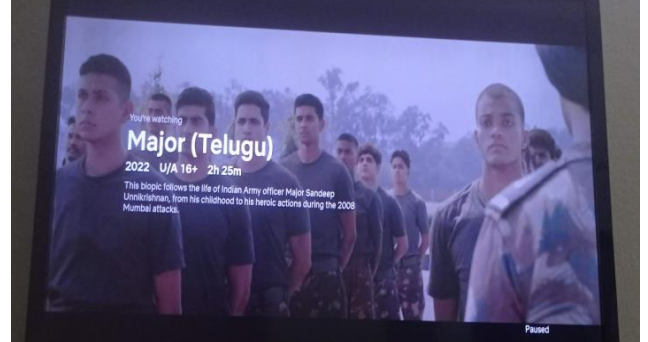
Students participated in 75th Independence day Celebrations



Students won Prizes on the occation of 75 Independence Celebrations



Smt. P.Sabitha Indra Reddy, Minister for Education, Releasing Broucher during Golden Education Fair-2022 organized by T News on 13-08-2022 at Nizam Ground, Hyderabad.



Mr.Prakash Anaurag Singh, Roll No. 19D1A05H6, 4th year, acted in Major Telugu Movie directed by Sashi Kiran Tikka.



Sri Indu Volleyball Girls Team won 3rd place in Freedom Cup 2022 organized by district youth and sports Authority Ranga Reddy at Saroornagar Stadium on 18-08-2022



Sri Indu Volleyball Boys Team won 3rd place in Freedom Cup 2022 organized by district youth and sports Authority Ranga Reddy at Saroornagar Stadium on 18-08-2022

NEWS PAPER CLIPPINGS

కేటీఆర్ క్రికెట్ కప్ విన్నర్ శ్రీ హిందూ ఇంజనీరింగ్ కాలేజ్

మంత్రి శ్రీనివాస్ గౌడ్ చేతుల మీదుగా పైజ్ మనీ అందుకున్న విజేతలు

రవీంద్ర భారతి, అగస్టు 16 (సమస్తే వార్త): రాష్ట్రమంత్రి కేటీఆర్ జన్మదినోత్సవాన్ని పురస్కరించుకుని టీఆర్ఎస్ రాష్ట్ర కార్యదర్శి నాగారం ప్రశాంత్ ఆధ్వర్యంలో నిర్వహించిన కేటీఆర్ క్రికెట్ కప్ ఫైనల్ విజేతగా జైహిందూ పట్నం చెందిన శ్రీహిందూ ఇంజనీరింగ్ కాలేజ్ విద్యార్థులు గెలిచారు. వారికి మంగళవారం హైదరాబాద్ రవీంద్రభారతిలో మంత్రి శ్రీనివాస్ గౌడ్ చేతుల మీదుగా రూ. లక్ష 46వేల రూపాయల చెక్కును అందజేశారు. సెకండ్ రన్నర్ అప్ గా అమీర్ పేట్ లోని న్యూ సైన్స్ డిగ్రీ కాలేజ్ విద్యార్థులు గెలుచుకున్నారు. వీరికి మంత్రి చేతుల మీదుగా రూ. 50వేల 46 రూపాయల చెక్కును అందజేశారు. మంత్రి కే టీ ఆర్ జన్మదినాన్ని పురస్కరించుకొని ఎల్పీ స్టేడియం తో పాటు, ఓ యూ క్యాంపస్ లో క్రికెట్ టోర్నమెంట్ నిర్వహించామని నిర్వాహకుడు ప్రశాంత్ తెలిపారు. గెలిచిన టీమ్ సభ్యులకు, క్రీడాకారులకు మంత్రి శ్రీనివాస్ గౌడ్, స్పాన్సర్స్ చైర్మన్ అల్లిపురం వెంకటేశ్వర రెడ్డి శుభాకాంక్షలు తెలియజేశారు. ఈ కార్యక్రమంలో ప్రవీణ్, అజయ్, స్వామి, శ్రీను, సాయి వర్మన్, మనహర్, గణేష్



, నర్సింహ, శ్రీకాంత్ శ్రీకుమార్, పెద్దమ్మ రమేష్, చిట్టిబాబు అఖిల్, మేకల సందీప్, రామకృష్ణ, తదితరులు పాల్గొన్నారు.

భూ వాతావరణానికి బొగ్గు ముప్పు

ప్రపంచంలో అతిపెద్ద బొగ్గు వినియోగదారుల్లో మొదటి స్థానం వైనా ఆఫ్రికా, రెండవ స్థానం భారతదేశము ఆఫ్రికా మిన్నుంది. భారతదేశంలో 70% విద్యుత్ శక్తి ఉత్పత్తి బొగ్గుతోనే జరుగుతుంది. బొగ్గు వినియోగం పర్యావరణానికి ప్రమాదకరం మరియు ప్రమాదకర వాతావరణ మార్పులను కలుగజేస్తుంది. భూకాపానికి ప్రధాన కారణం బొగ్గు వినియోగమే. బొగ్గు భూగర్భం లోపలే ఉండాలి, బయట కాచని సైన్స్ చెబుతోంది.



శ్రీధర రాము
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స్వా భూగర్భం లోని గొప్ప సగం లో స్థానికంగా ఉన్న బొగ్గును 2030 నాటికి విద్యుత్తు ఉత్పత్తిలో 50% ఉపయోగించే పథకం ద్వారా సమూహం అంటారు. 2070 నాటికి కర్నూలు, విజయవాడ, తణుకు, భారత్ మూడు దశల ప్రమాదముల నేరం మోడి ప్రకటించారు. అంటే 2070 నాటికి దేశంలో కార్బన్ ఉద్గారాలు సున్నా ఉంటాయి అన్నమాట.

ఇది ఇలా ఉంటే భారతదేశానికి చెందిన ప్రపంచ కులీనులు అదానీ బొగ్గు గనుల వ్యాపారం యునైటెడ్ నేషన్స్ ఫ్రేమ్ వర్క్

కన్వెన్షన్ అనే క్లెయిమ్ చేశాడు. ఒప్పందానికి విరుద్ధంగా పర్యావరణానికి హాని కలిగించేలా ఉంది. దీనిపై పర్యావరణవేత్తలు పెద్ద ఎత్తున నిరసనలు తెలియజేస్తున్నారు. ఒక పక్క భారత్, చైనాలు పునరుత్పాదక శక్తిపై పెట్టుబడులు పెడుతుంటే, అదానీ గ్రూప్ ఉత్పత్తి చేసే బొగ్గును ఎక్కడికి ఎగుమతి చేస్తారని విమర్శలు ప్రస్తావిస్తున్నారు.

ఆఫ్రికాలోని క్వీన్స్లాండ్ రాష్ట్రంలో గెలిట్ బేస్ లో అదానీ సంస్థ క్యాపిటల్ బొగ్గు గనిని ఏర్పాటు చేసింది. ఈ ప్రాజెక్టు ద్వారా ఏడాదికి 15 మిలియన్ టన్నుల

బొగ్గు ఉత్పత్తి కానుంది. అనంతరం ఉత్పత్తి సామర్థ్యాన్ని 27.5 మిలియన్ టన్నులకు పెంచుకోవాలని అదానీ గ్రూపు భావిస్తోంది. ఈ బొగ్గు గని ఏర్పాటును వ్యతిరేకిస్తూ స్థానిక పర్యావరణ వేత్తలు స్టాన్ అదానీ అనే పేరుతో ఉద్యమిస్తున్నారు. ఆఫ్రికా లోని సముద్ర తీరాల్కు చాలా ప్రాధాన్యం ఉంది. కానీ ఇప్పుడు బొగ్గుపల్ల అవి దెబ్బతింటాయి. పోర్చుగల్ కారణంగా తీరాల్లో బొగ్గు కనిపిస్తోంది. ఈ బొగ్గు గని వలన పర్యావరణ కాలుష్యము కలుగుతుంది. నేల కాలుష్యము ఏర్పడి నేల నిస్సారం అవుతుంది. సంవత్సరానికి 4.6

లీటర్ల బొగ్గు కాలుష్యము వాతావరణంలోనికి విడుదలవుతుంది. ఇది వాతావరణ మార్పులకు దారితీస్తుంది. ఆఫ్రికాలో ఇది వరకే వాతావరణ మార్పులకు గురి అయి కొన్ని ప్రాంతాలలో కరువు కాటకాలు ఏర్పడుతున్నాయి. ఇప్పటికే భారత్ ప్రభుత్వం కాప- 26 సమావేశంలో ఇచ్చిన వాగ్దాన్ని నిలబెట్టుకుంటూ, పర్యావరణ వరకే క్షణిక కట్టుబడి ఉండి కాప-27 నడపి ముఖ్య ఉద్దేశం భూకాపాన్ని తగ్గించడం. మరి ఈ కాప-27 నడపిలో భూకాపం తగ్గదానికి భారత్ ప్రభుత్వం ఏమి హామీ ఇస్తుందో వేచి చూడాలి.

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నమస్తే తెలంగాణ

వాతావరణ మార్పులు, పర్యావరణ పరిరక్షణ ప్రస్తుతం ప్రపంచం ముందున్న అతిపెద్ద సమస్య. వాతావరణ కాలుష్యాన్ని తగ్గించడానికి ఈ మధ్య కాలంలో పునర్నియోగ వ్యాటరీలతో సహా విద్యుత్ వాహనాలు ప్రపంచ వ్యాప్తంగా ప్రాచుర్యంలోకి వచ్చాయి. కానీ విద్యుత్ వాహనాల తయారీలో, వాటికి ఉపయోగించే పునర్నియోగ వ్యాటరీ తయారీలో కనిపించని పర్యావరణ విధ్వంసం జరుగుతున్నది. పునర్నియోగ వ్యాటరీ తయారీలో ఉపయోగించే ముడి పదార్థాల మైనింగ్, పర్యావరణ, సామాజిక సమస్యలకు దారితీస్తుందని యునైటెడ్ నేషన్స్ కాన్వెన్షన్ అనే ట్రేడ్ అండ్ డెవలప్ మెంట్ (యూఎస్ఎస్ టిపిడి) నివేదిక పేర్కొన్నది.

విద్యుత్తు వాహనాలు.. పర్యావరణం



విద్యుత్ వాహనాలు పొగ, కార్బన్ డయోక్సైడ్ అతర శ్రేణిలో వాయువులను విడుదల చేయకపోవడం వల్ల వీటిని పూర్తిగా పర్యావరణ అనుకూలమైనవిగా భావిస్తారు. ప్రస్తుత వాతావరణ విధ్వంసం ప్రధానం, ఎలక్షన్ వాహనాలు 2030 నాటికి రోజుకు 20 లక్షల బ్యాటరీల కంటే ఎక్కువ డీజిల్, పెట్రోల్ అవసరాన్ని తగ్గించగలవు.

ఇంటర్నెషనల్ ఎనర్జీ ఏజెన్సీ అంచనాల ప్రకారం 2030 నాటికి విద్యుత్ వాహనాల సంఖ్య 2.3 కోట్లకు పెరుగుతుందని అంచనా. కానీ విద్యుత్ వాహనాల తయారీలో, వాటికి ఉపయోగించే పునర్నియోగ వ్యాటరీ తయారీలో కనిపించని పర్యావరణ విధ్వంసం అనుగుణ్యమై, పునర్నియోగ వ్యాటరీ తయారీలో ఉపయోగించే ముడి పదార్థాల మైనింగ్, పర్యావరణ, సామాజిక సమస్యలకు దారితీస్తుందని యునైటెడ్ నేషన్స్ కాన్వెన్షన్ అనే ట్రేడ్ అండ్ డెవలప్ మెంట్ (యూఎస్ఎస్ టిపిడి) నివేదిక పేర్కొన్నది. ఈ బ్యాటరీల్లో వాడే వివిధ యాంత్రిక వ్యవస్థలలో ఎక్కువగా భూగర్భ ఉప్పు నీటి రిసర్వాయర్ల నుంచి సేకరిస్తారు. ఉప్పు నీటిని భూమి పైకి పంపుతే, బ్యాటరీల వనరులపై కొన్ని సమస్యలు నెలకొంటాయి. సూర్యరశ్మి వల్ల ఆ నీరుతా అవిచ్ఛి

దివరికి విచ్ఛియం, వివిధ రకాల లవణాలు అవశేషించబడతాయి. ఈ ప్రక్రియకు బొగ్గు నెలకొనడం వలన ఉంటుంది. ఈ ప్రక్రియలో తీవ్రమైన వేడి కాలుష్యం, ఇతర కాలుష్యాలు ఏర్పడతాయి. దీనిలోని పదార్థం డి అలూమిన్యం వలన, ఇతర మైనింగ్ కార్బన్ డయాక్సైడ్ 85 శాతం నీటిని వినియోగించుకోవడం వల్ల భూగర్భ జలాలు క్షీణించి నీటితరత ఏర్పడింది. నేల కాలుష్యం, ఇతర పర్యావరణ సమస్యల కారణంగా స్థానికులు తమ నివాసాలు వాటికి వదిలి వెళ్లవచ్చు వచ్చింది.

చివరకు అయోన్ బ్యాటరీ తయారీలో ఉపయోగించే మరో ప్రధాన ముడి పదార్థం కోబాల్ట్. ఒక బ్యాటరీకి సుమారు 4-30 కిలోల కోబాల్ట్ను వినియోగిస్తారు. ప్రపంచంలో 70 శాతం కోబాల్ట్ డెమోక్రటిక్ రిపబ్లిక్ అని కాంగోలో ఉత్పత్తివుతుంది. ఆ దేశంలో కొందరు ప్రైవేటు వ్యక్తులు అక్రమంగా కోబాల్ట్ ఉప్పు తీసి తక్కువ ధరలో కంపెనీలకు విక్రయిస్తున్నారు. ఈ ఆక్రమ గమల తవ్వకంలో 40 మేల మంది బాలబాలికలు చేతులు ఎండాలో కొడుగులు లేకుండా ఆక్రమణ తప్పక అంటే లో ప్రాంత గుండు కొట్టని చేస్తారు. తవ్వక వదిలేసిన కోబాల్ట్ గనుల నుంచి సున్నా విడుదలై వాతావరణంలోని నీటితో

కలిసి అవ్యవధం కురిసి అవకాశాలున్నాయి. అసిడ్ రైన్ అనేది అది వీరినీ ఈ ప్రక్రియ నడుమ ప్రమాదాలను, ఇతరదానను, తాగి నీటిని కలుపుతూ చేస్తుంది. కోబాల్ట్ తవ్వకాల నుంచి వచ్చే భూమిలో యుద్ధరీత్యం వంటి విషమౌరీత లో చూడాలి ఉంది గాని కాలుష్యం జరుగుతుంది. ఈ కాలుష్యం వల్ల దీర్ఘకాలిక శాస్త్ర సంబంధిత వ్యాధులు, పుట్టుక లోపాలు కలుగుతాయి.

చివరకు అయోన్ బ్యాటరీలలో వాడే గ్రాఫైట్ తవ్వకాల వల్ల భూదా పర్యావరణానికి హాని కలుగుతున్నది. గ్రాఫైట్ గనుల తవ్వకంలో వాడే పెయింట్ పదార్థాలు వాతావరణంలోకి ముచ్చు, భూమి, సూర్య కిరణాలను విడుదల చేసి గాని, నేల కాలుష్యాన్ని కలుగజేస్తాయి. అనికాం వెలికితీత 90 శాతం తవ్వకంలో గ్రాఫైట్ నష్టం కలిగిస్తుంది. కార్బన్ ఉద్గారం విడుదలకు భూమిపైతాయి. గనుల తవ్వకంలో భాగంగా అడవులు నరికివేయడం వల్ల వాతావరణంలో కార్బన్ డయోక్సైడ్ పెరుగుతుంది, మైనింగ్ గుండు ప్రతి సంవత్సరం 100 మేల కోట్ల టన్నుల వ్యర్థాలు ఉత్పత్తి చేస్తున్నట్లు ఒక అంచనా. మైనింగ్ ప్రక్రియ అధిక విద్యుత్తును

వినియోగించుకోవడంతో పాటు ఇంజనీరింగ్, నేల కాలుష్యం, వాయు కాలుష్యాన్ని కలుగజేస్తుంది. వాడే పొడిచిన బ్యాటరీల్లో విషమౌరీత్యం రసాయనాలు ఉండటం వల్ల భూకాలుష్యం జరుగుతున్నది.

2030 నాటికి సుమారు 1.28 కోట్ల టన్నుల విద్యుత్తు అయోన్ బ్యాటరీలు మిలికొలుకుండా పోయే పరిస్థితి ఉంది. ఎనిర్జిఎంపెంజిల్ ప్రాజెక్ట్ ఏజెన్సీ (ఈఎంపి) ప్రధానం విద్యుత్తు అయోన్ బ్యాటరీలు కలిగి ఉన్న వరకే రాంచు చిత్త లేదా డి ప్రెజింగ్ కమ్యూన్ల ఇతర వ్యర్థాలతో కలిపి పారేయబడతాయి. ఇలా చేస్తే వాటిని రవాణా చేసే సమయంలో లేదా వాటిని పడేసే ప్రక్రియలో మంటలు ఏర్పడే అవకాశం ఉన్నది. వీటిని ప్రైవేటీకరించిన బ్యాటరీ డి ప్రెజింగ్ లేదా గ్లాస్ ప్రమాదకర వ్యర్థాల సేకరణ పొయింట్లకు అందజేయాలి.

విద్యుత్ వాహనాలను పూర్తి పర్యావరణ అనుకూలంగా మార్చడం ఎలా? యూఎస్ఎస్ టిపిడి నివేదిక సిఫార్సుల ప్రకారం...

1. పర్యావరణ అనుకూల మైనింగ్ పద్ధతులు అవలంబించాలి. ఉపయోగించిన విచ్ఛియం అయోన్ బ్యాటరీలను మరొక సమస్యగా డి ప్రెజింగ్ చేయకుండా సాంకేతికతను అభివృద్ధి చేయాలి.
2. పర్యావరణానికి హాని కలుగు పద్ధతుల్లో ఉండి ముడి పదార్థాలను బ్యాటరీ తయారీలో వాడటం, ఉదాహరణకు మైనింగ్, పర్యావరణం లంటిం నీటికానీ బ్యాటరీల తయారీలో వాడే అంకాన్ని పరిశీలించాలి.
3. అత్యధిక సంఖ్యలో డాక్ట్, డిక్లార్డ్ ప్రెజింగ్ ను కలిగిన పునర్నియోగ బ్యాటరీలను తయారుచేయాలి.
4. మనీయేడం మోడేన్ పునర్నియోగ బ్యాటరీల ముడి పదార్థాలను వేరే అవసరాలకు ఉపయోగించుకోవాలి.
5. ప్రాజెక్ట్-ఇక్విటీ అందన మంటతో వదిలే వాహనాలను ప్రోత్సహించాలి.



శ్రీధర రాము
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పర్యావరణానికి హాని కలుగు పద్ధతుల్లో ఉండి ముడి పదార్థాలను బ్యాటరీ తయారీలో వాడటం, ఉదాహరణకు మైనింగ్ ద్వారా లభించే గ్రాఫైట్ స్థానంలో సులభంగా లభించే సిలికాన్ ను బ్యాటరీల తయారీలో వాడే అంకాన్ని పరిశీలించాలి... అత్యధిక సంఖ్యలో డాక్ట్, డిక్లార్డ్ ప్రెజింగ్ కలిగిన పునర్నియోగ బ్యాటరీలను తయారుచేయాలి.

OTHER FACILITIES



ICT Tools Based Class Rooms



Canteen



Transportation



Skill Development Cell



RO Water Plant



ATM



Power Backup



LIFT



Health Center



Solar Panels



Hostel Facilities



Campus Under CC TV Surveillance

LABORATORIES, BUILDINGS & OTHER EVENTS AT GLANCE



CAMPUS BUILDING AT GLANCE

New Hostel Block



Sri Indu PG and R&D Block



S-Hub



Sri Indu Institute of Pharmacy



Hostel Building



Central Library



First Year Block of Sri Indu



Sri Indu Mechanical Block



Sri Indu R&D Block



Sri Indu PG College (MBA and MCA)



Sri Indu Institute of Management (MBA and MCA)



Loyola Montessori House



