

# Newsletter

Bi-Annual News Bulletin

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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.

Cell No: 9347306999, 9347363999, 7093703888, 9347353999 - [www.sriindu.ac.in](http://www.sriindu.ac.in)



Facing Main Road, Sheriguda(V), Sagar Road, Ibrahimpatnam, R. R. Dist. 501 510

Head Office: Loyola Montessori House, Near Ganesh Temple,  
Vanasthalipuram, 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 as 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, 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 40 years successfully, has grown into one of the best institutions and rated as one of the leading Groups in Hyderabad, Telangana State. Sri Indu group of institutions is a multi-campus academic units 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 mould Sri Indu Group as the model Institutions 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, with their problem-solving attitude and, of course, with the 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 for 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 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 development of an institution. He is as much instrumental as the engine of 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 the internet facility. The most modern and high-tech Central Library with national and international journals and magazines, online journals like IEEE, ASME and J-Gate certainly create a congenial ambience for an ideal engineer in the making to grow.

I am really happy that despite slowdown of economy, Sri Indu has succeeded in bringing various good companies of its campus for placements. Sri Indu Group believes in bridging the gap between Industry and Research of the students who joined so as 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 non technical 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
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>B.Tech.:</b>	<b>Artificial Intelligence and Data Science</b>
Civil Engineering	Data Science
Electrical and Electronics Engineering	CSIT
Mechanical Engineering	Cyber Security
Electronics & Communication Engineering	Internet of Things (IOT)
Computer Science & Engineering	
Information Technology	<b>M.Tech.: CSE,CS &amp; Embedded Systems</b>
Artificial Intelligence and Machine Learning	

## PRINCIPAL'S MESSAGE:

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

**IM<sub>1</sub>:** Provide high quality academic programs, training activities and research facilities.

**IM<sub>2</sub>:** Promote continuous industry-institute interaction for employability, entrepreneurship, leadership and research aptitude among stakeholders.

**IM<sub>3</sub>:** Contribute to the economical and technological development of the region, state and Nation.

### PROFESSIONAL MEMBERSHIPS IN SICET

- ❖ **IEEE** - Institute of Electrical and Electronics Engineers
- ❖ **ASME** -American Society of Mechanical Engineers
- ❖ **CSI** - Computer Society of India
- ❖ **IETE** - Institution of Electronics and Telecommunication Engineers
- ❖ **ISTE** -Indian Society for Technical Education
- ❖ **DELNET** -Developing Library Network
- ❖ **NDL** - National Digital Library of India
- ❖ **NLIST** - UGC e-ShodhSindhu Consortium
- ❖ **JGate** -JGate Engineering and Technology

### MOOCS

- ❖ SWAYAM NPTEL Local Chapter
- ❖ COURSERA Campus Programme



## ACHIEVEMENTS:

- 1182 placements in the academic year 2020-21.
- 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 29<sup>th</sup> 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.
- 253 Faculty and Students received SWAYAM-NPTEL Certification from IIT's and IISc.
- Sri Indu Practice hub bagged 1<sup>st</sup> Prize by AICTE from Telangana State for startup and Mentorship Program.
- Received Appreciation certificate for waste Management from ITC Group.
- 4396 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 kms away from LB Nagar & 3 kms 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 of high-speed internet facility including WiFi.
- ❖ College has acquired institutional membership of IEEE, ASME, CSI, ISTE, IETE DELNET, UGC N-LIST, NPTEL and NDIL.
- ❖ 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 expert.
- ❖ Organizing Personality Development Programmes/Self empowerment Programmes and CRT Classes for 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> years.
- ❖ Value added Certification Training Programmes like AWS, ServiceNow, Salesforce, Cisco, SAP and Oracle.
- ❖ Sterling performance in GATE, TOEFL and GRE.
- ❖ Promotion of true Sportsman spirit among the students by organizing extracurricular activities
- ❖ **10<sup>th</sup> Rank in Top 25 Private Engineering Institutes** Ranking in Telangana by Times of India Survey-2021.
- ❖ **8<sup>th</sup> Rank in Research Capabilities**, Top10 Telangana Private Engineering Institutes by Times of India Survey-2021.
- ❖ **7<sup>th</sup> Rank in Best Infrastructure**, Top10 Telangana Private Institutes by Times of India Survey-2021.
- ❖ **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.

## Gold Medal Winners at JNTUH VI Convocation



Mr. Ch. Srikar (11D41A0320)



Ms. Tripada (11D41A1742)

## TOPPERS IN CIVILS



Mr. N. Uday Reddy  
Telangana Public  
Service Group-1,  
2<sup>nd</sup> Rank



Mr. A. Srikar  
All India Rank  
570

## ACADEMIC TOPPERS-2020-21

ECE – II Year	ECE – III Year	ECE – IV Year	CSE – II Year	CSE – III Year
<b>M SRIKANTH</b> HT.No. 20D45A0419	<b>KOTHVAL PRASHANTHI</b> HT.No 18D41A04B5	<b>A. V. CHAKRA SHREE HARSHA</b> HT. No.17D41A0411	<b>CHINTHAKINDI SANDHYA RANI</b> HT.No.20D45A0505	<b>PONNAPATI AJAY KUMAR REDDY</b> HT.No 18D41A05F7
CSE – IV Year	IT – II Year	IT – III Year	IT – IV Year	ME – II Year
<b>K.SHRAAVYA REDDY</b> HT. No 17D41A05A5	<b>RANABOTHU ROHILA</b> HT.No.19D41A1242	<b>ANIREDDY MOUNYA</b> HT.No 18D41A1204	<b>NAGENDLA LIKHITHA</b> HT. No 17D41A1233	<b>K.YASHWANTH</b> HT.No.19D41A0335
ME – III Year	ME – IV Year	EEE – II Year	EEE – III Year	EEE – IV Year
<b>B RAMA KRISHNA REDDY</b> HT.No 18D41A0314	<b>SHERU VIJAY</b> HT. No 17D41A03B0	<b>B ESHAN PRASAD</b> HT.No.20D45A0205	<b>REKHA INDU</b> HT.No 19D45A0213	<b>T. SHIVA</b> HT. No 18D45A0222
	CIVIL – II Year	CIVIL – III Year	CIVIL – IV Year	
	<b>GONA SAI BHAVANI</b> HT.No.20D45A0107	<b>G.MEGHANATH</b> HT.No 19D45A0106	<b>T. SUPRIYA,</b> HT.No.18D45A0124	

## 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 2020-21 (2017-BATCH)

More than 51 companies have recruited 1182 students for the academic year 2019-2020. Still placements are in progress

S.No	Name of the Company	No of Selections
1	ACCENTURE	75
2	ASC PRIVATE LIMITED	16
3	ASHOK KEYLAND LIMITED	2
4	ATOS GLOBAL IT	4
5	BOSTON TECHNOLOGIES	6
6	BYJUS	31
7	CAPGEMINI TECHNOLOGY SERVICES PRIVATE LIMITED	25
8	CLIMBER	8
9	COGNIZANT	61
10	DILIGENT GLOBAL TECH CONSULTING PVT LTD	2
11	DYNAMIC INFORMATICS	33
12	DXC TECHNOLOGY	8
13	EABYAS INFO SOLUTIONS	15
14	EENADU TELEVISIONS PVT LTD	1
15	FACE PREP	13
16	GLOBAL VISION CONSULTANCY	26
17	GREEN WAVES ENVIRON CYCLING	2
18	HCL TECHNOLOGIES	56
19	INDIA POST	1
20	INFOSYS	103
21	INVECAS	2
22	KODENEST	2
23	KALYANI RAFAEL ADVANCED SYSTEM INDIA PRIVATE LIMITED	56
24	KPIT TECHNOLOGIES	8
25	MAGNAQUEST	11

26	MEDIA MINT	4
27	MEDVARSITY	7
28	MIND TREE	8
29	MIND WAVE INFORMATICS	30
30	MOURITECH	39
31	MULIPLIER SOLUTIONS	9
32	OTHERS	68
33	PLANET SPARK	4
34	POWERTECH SOLUTIONS	14
35	PRAGMA EDGE	2
36	PROMETHEUS IP	2
37	RADIANT APPLIANCES AND ELECTRONICS PRIVATE LIMITED	36
38	SINTEX BRIGHT AUTOPLAST LIMITED	40
39	SION SEMI CONDUCTORS	2
40	SKUNKERS INDIA	39
41	SMART INTERVIEWS	4
42	SUPREME INDUSTRIES LIMITED	37
43	SURYA TECH SOLUTIONS	33
44	TATA CONSULTANCY SERVICES	113
45	TECH MAHINDRA	54
46	UNSCHOOL	2
47	VEON CONSULTING PRIVATE LIMITED	6
48	VERZEO EDUTECH PVT LTD	2
49	WIPRO	45
50	XYENTA SOLUTIONS INDIA PVT LIMITED	2
51	ZENQ	13
	<b>TOTAL</b>	<b>1182</b>



## 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 followed by various companies.

**CRT Training Session**



**Students Practicing Online Exam**



## NFOSYS CAMPUS CONNECT

Campus connect launched by Infosys, it 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 therefore exclusively designed to prepare entrepreneurial, learnable, employable & readily billable students.

**Students Skill Enhancement Programme conducted by Prof. M.L. Sai Kumar on 26-11-2021**





## CAMPUS RECRUITMENTS-2021

Sri. R.Venkat Rao, Chairman, Congratulated all the students who got selected in campus drives



Chairman Sir with HR Team during Placements



TuringMinds Pre Placement Talk on 29-09-2021



CTC Placement Drive on 07-10-2021



Students Receiving Offer letters from TechMahindra in Campus Selection



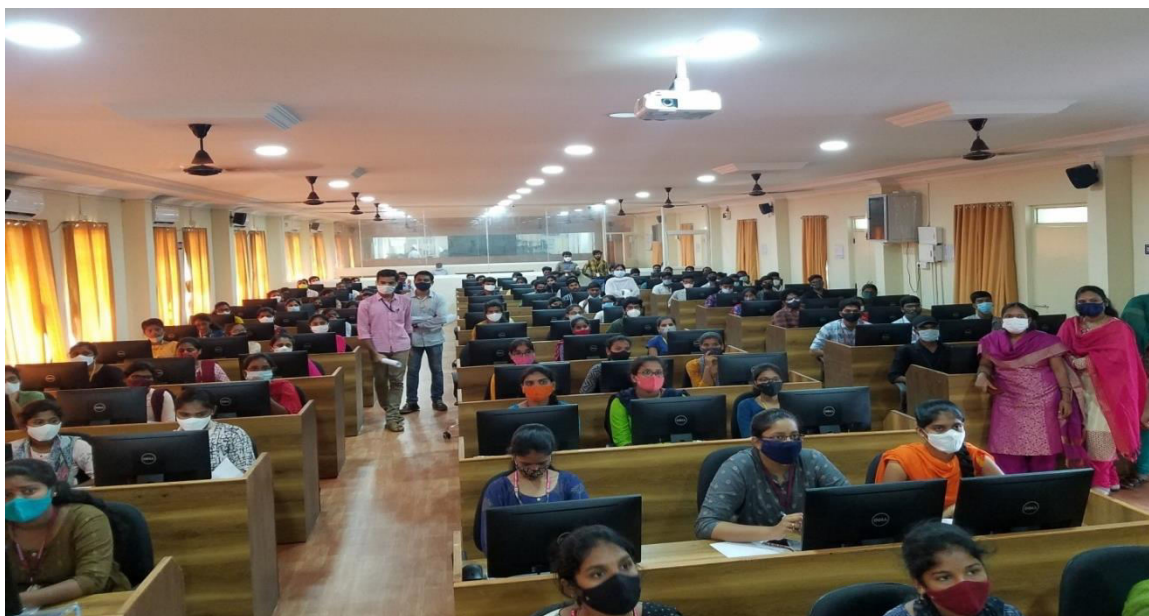
Dynamic Infromatics Drive on 15-04-2021



Mouritech Campus Drive on 23-03-2021

## 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><b>INFOSYS – SNEHITH GOUD, 17D41A05G2, CSE</b></p> <p>This is the best platform to know about the life of joy, struggles and all other memorable moments, College gave me the most valuable lessons on the life where my life is turned out to be very worth going. It helped me to gain the strength to fight again the obstruckles in the life.</p>	
<p><b>TATA CONSULTANCY SERVICES – D.AKSHARA, 17D41A0550, CSE</b></p> <p>It has been a quite a good journey in Sri Indu. I am placed in TCS. I would surely say that placement assistance that I have got through the placement cell helped me to crack the interview.</p>	
<p><b>WIPRO-FARYAL SANZA, 18D45A0503, CSE</b></p> <p>I am very happy to reveal that my Engineering study in Sri Indu has been very pleasant and rewarding. I got placements in WIPRO, HCL, Mouri Tech and GVC through College Placement Cell. The Pre-placement training and company updates helped me to prepare myself well as per the guidance. As a CSE student I am happy and grateful that I shall definitely prove my skills in the competitive IT field sine that hard work and smart work put-in by me as for the guidance of the college is very much appreciable.</p>	
<p><b>ACCENTURE – VINAY KUMAR, 17D41A1221, IT</b></p> <p>After my Inter, in the vision of becoming a good Engineer, after my efforts I could find Sri Indu College of Engineering and Technology is the best college to fulfill my dream. I could get great motivation, good guidance towards my goals in Sri Indu which helped me to settle in life. College taught me all the subjects perfectly and finally made me complete to lead my better life. The placement cell is very efficient and has been very supportive in guiding. I got offer in Prodapt, Accenture and also in Byju's just because of my college. I have chosen to join in Accenture.</p>	
<p><b>KPIT – B.SARITHA, 17D41A0417, ECE</b></p> <p>First I am really thankful to our college, my lecturers and also placement cell for their continuous support and encouragement. Many thanks to all the placement office team which has always been very supportive and a backbone in everything related to placement activities which helped me to boost myself and getting placed in core company.</p>	
<p><b>COGNIZANT – M.NANDHINI, 17D41A04E2, ECE</b></p> <p>My special thanks for the placement cell team who gave us humble support in achieving placement. They also have supported and worked in this pandemic time to make our future bright.</p>	
<p><b>HCL – B.KEERTHANA, 17D41A0413, ECE</b></p> <p>I am very grateful to my placement cell for giving me the opportunity to appear in some of big software companies. Also I want to thank my entire faculty who supported me throughout my academics and the placement process.</p>	
<p><b>Mindtree – CH.VINAY, 17D41A0440, ECE</b></p> <p>I am very much thankful to Training and Placement Cell who brought us opportunities to show our talents in various company placement. T &amp; P cell focuses on "Every Single Student should get an opportunity to prove his/her self in good companies as per our interest".</p>	
<p><b>CAPGEMINI – V.HARTHIK REDDY, 17D41A0281, EEE</b></p> <p>I got placed in Capgemini. All our faculty and placement team helped us a lot to get placed in companies. Mostly many of my friends are also been placed in many companies. We are very thankful for the achievement.</p>	
<p><b>IBM – P.POOJITHA, 17D41A0263, EEE</b></p> <p>I am very thankful to our college and placement cell. I have got placed in IBM. I am very happy and thankful to the placement team for constant motivation and guidance which made us stand eligible in every aspect. Thank you Sri Indu for my initial success.</p>	



## TRADITIONAL DAY 2021

A Colourful Programme Traditional Day organized on 09-10-2021 in the college campus. Staff and students dressed in traditional attire, creatively presented Rangoli and Floral decorations in all the departments, the students participated in cultural events like singing, dancing and Dandiya. Chairman Sri. R. Venkat Rao Garu Addressed gathering about importance of culture and Indian Tradition.









## RANGOLI





## BATHUKAMMA FLORAL FESTIVAL-2021

Bathukamma Floral Festival was celebrated by all the staff and students on 9th October 2021.





## ORIENTATION PROGRAMME

**Orientation Programme for First year B.Tech. Students** organized on **29-11-2021** with an objective to help students and their parents to understand about academic programmes, placement, career opportunities and various services that are available in the College. More than 1000 parents and students participated in the orientation programme. Dr. Ramakrishna Rao, Dean and Dr. G.Suresh, Principal Addressed the gathering.





## ALUMNI MEET

B.Tech 2017-2021 Batch Alumni Meet conducted on 20-12-2021, Sri. R.Anup Chakravarthy, Secretary was the Chief Guest for the programme. Sir gave his valuable message and interacted with students.



## GUEST LECTURES/ FDPs/SEMINARS/WORKSHOPS

A number of Guest Lectures from various Institutional and Industrial Experts in the field were organized by various departments for in-depth understanding of the subjects.

- 1 Day Seminar conducted on “**Education Matters through Global education career**” forum on 21-12-2021 by Kavitha Asthana.
- Incubation Cell organized one day Webinar on “**Development of Entrepreneurship and Innovation Skills**” by **Prof. M. L. Saikumar**, Former Dean (Academics), Institute of Public Enterprise Hyderabad held on 30-01-2021.
- S-Hub and P-Hub Cell organized one week Online Training program on “**Skill development on JAVA**” from 24-04-2021 to 30-04-2021. Resource person Dr. R.K Jain Professor, CSE, KMIT, Hyderabad.
- **Online Workshop on Drone organized by ECE department on 21-06-2021** to Improves the student’s skills to develop current technology based models. Acquiring knowledge on Modern Tools Increases the students innovations and ideas with various strategies incorporations. **Dr. G.V.V Sharma**, Associate Professor, IIT, Hyderabad is the chief guest for the programme.
- Webinar on “**Next Generation Career Opportunities Industry Requirements**” by **Sri. Himanshu Batra** on 05-05-2021.

**Conducted 6 days Webinar on the occasion of National Youth Skills Day Celebrations -2021 from 10-07-2021 to 16-07-2021.**

**Day - 1** S-Hub Cell organized webinar on “**Post Pandemic Future**” for motivating young minds for their career opportunities in various aspects. **Dr. Kumaraperumal**, Sr. Assistant Professor, Xavier Institute of Management & Entrepreneurship, Bangalore, Chief Guest on this webinar.

**Day – 2** R & D Cell organized webinar on “**FUN NETWORK**” **Sri. JCI Senator R Prabhu**, Past Executive, Vice President and National Trainer Junior Chamber International India, Chief Guest on this webinar.

**Day – 3** IPR Cell organized webinar on “**Psychological Wellness – Illness of Youth**”. **Dr. K.G Selvan**, Professor, PRIST Deemed to be University, Tanjavur, Tamilnadu is the chief guest on this programme.

**Day – 4** EDC Cell organized webinar on “**Innovation and Entrepreneurship – The New Normal**” **Dr.J.Arun Kumar**, Associate Professor, Dr.APJ Abdul Kalam COE in Innovation and Entrepreneurship, Dr.M.G.R Educational Research Institute Tamilnadu is the chief guest on this programme.

**Day – 5 a)** Incubation Cell organized National Level Quiz contest.

**b)** S-hub & P-hub cell organized workshop on “**HANDS-ON WORKSHOP Arduino Application**” for Young Scientists, associated with Technology Learning Center.

**DAY – 6** Startup/Innovata Cell organized, **T-Tribe Programs Opportunities for Students, Faculty & Early Stage Entrepreneurs**. **Mr. Ganesh Rayala**, Director, Academic Programmes, T-Hub is the chief guest on this programme.

**Three days Induction classes were conducted from 25-11-2021 to 27-11-2021 for 1<sup>st</sup> year B.Tech. students admitted for the AY 2021-22 batch.**  
**1<sup>st</sup> and 2<sup>nd</sup> day Session by Dr. Naga Prasad, World Recorder for Motivational Speech**



**3rd day Session by Sudheer Sandra, Psychologist, Behavioral Skills Coach, Career Counselor**



**Conducted One Day Seminar on “Career Guidance” Speaker Dr. Pankaj Sharma on 29-12-2021.**

**Guest Lecture on “Successful Journey of Indian Missile Development” delivered by Sri. D. Praveen Kumar, Scientist, ‘E’ in DRDO Laboratory Named RCI, Hyd. on 31-12-2021.**





**TASK conducted workshop for Principal and All HOD's on 09-07-2021**



**4<sup>th</sup> year placement training programme conducted from 24-11-2021 to 26-11-2021.**



**1 Day Seminar on Enriching Opportunities in Data and Analytics on 16-12-2021 by Mr. Rama Kumar, Practice Director, Big Data**



**4 Day Company Specific Training Programme Conducted from 23-11-2021 to 26-11-2021**

## **INDUSTRIAL VISITS**

The College has organized Visits for Students and Staff to MNCs and Industries viz Deloitte, Infosys, BHEL, ECIL and other Industries to gain real time and practical knowledge in their disciplines. The students were briefed about the campus and innovations in upcoming technology.





# PROJECT EXPO-2021

## Nava Pradyogiki Pradarshnane

As part of the college schedule, the S-Hub organized Project Expo-2021 **Nava Pradyogiki Pradarshnane** in association with Institution Innovation Council and TLC Group from 20-12-2021 to 26-12-2021 in the college campus. The college students have participated with full excitement and presented their innovations and skills during the ceremony, all the events that have been exhibited during the event are most attractive and appreciable. **Sri. Anup Chakravarthy, Secretary** has visited all the stalls of all the departments and congratulated them for their innovative skills in the Project Expo.

### Glimpses of Project Expo







## List of Project Expo Modules

Name of the Module	Modue Developers	Roll Num
Obstacle avider	G venkatesh	19D41A0225
	Ch. Shiva Sri	19D41A0268
Smart Helmet	mani raju	
Water observing CC Road and Automated Street Controller	Narri Bhupathi	19D41A0159
	Bhukya Raja	20D45A0105
	K.Sravya	19D41A0484
	K.Shilpa	19D41A0487
Drone	J.venkatesh	19D41A0468
	mahender	19D41A0490
	k.sathis	19D41A0493
	G. naveen	19D41A0461
	K.naveen	19D41A0481
Student Portal Website	vamshi kishna.J	19D41A0577
	venkatesh.K	19D41a0590
	kirthi.sanjana	19D41A05A1
	K. sravani	19D41A0582
Hydro Power Plant	Vinod	18D41A0240
	M.praveen Reddy	20D45A0310
	J.sai mohan	20D45A0315
	K.Shiva kumar	20D45A0305
	Santhosh	20D45A0311
UV Race Light	Nikhila	19D41A0473
	MA Khaisar	19D41A04C3
	Akshitha	19D41A04C7
	Maheshwari	19D41A04E6
Ultrasonic Radar System	B.Charan Teja Reddy	19D41A1205
	Aman	19D41A1228
	Kranthi	19D41A1219
	Manikanth	19D41A1222
Mathematical Game-MobileApp	keerthi Kolan	19D41A0595
	K.manasa	19D41A05A6
	sai teja.J	19D41A0574
	k.akash reddy	19D41A05B0
Plant Irrigation System	vivek	19D41A0151
	Bukya Raja	20D45A0105
	K.Sravya	19D41A0484
	K.Vijay	19D41A0148
Drowsy Detection	K.Supriya	19D41A0236
	CH.Shivasri	19D41A0268
	Srija	19D41A0477
	Harshitha	19D41A0465
Home Automation	raghu verra	19D41A0131
	shilpa	19D41A0487
	vijay	19D41A0148
	bhupathi	19D41A0159
Biometric Voting machine	P.Yashwitha	
	M.Archana	

	T.Sriharsha	
	B.Charan	
	U.Manishankar	
Android Humaraid Robot	K Akshaya	19D41A0593
	kondru shirisha	19D41A05A7
	K Soujanya	19D41A05A4
	K. Srija	19D41A0477
	B. Jayath	19D41A0471
	J. Harshita	19D41A0465
Pick and Place Robotic Arm	V. Namitha	19D41A0271
	Naga Deep	20D45A0236
	O. Yashwanth	19D41A0254
	SaiChakrawarthy	19D41A0441
Voice Controlled Robot	K Dileep reddy	19D41A0476
	H. Sandeep	19D41A0463
	Kiranvardhan	19D41A0462
	J Sai Mukesh	19D41A0466
Wireless Power Transmission	Shireesha	20D45A0229
	M.Aditya	20D45A0228
	M.Vignesh	20D45A0231
	K.Akhila	20D45A0225
	Y. Monish	19D41A0275
Line Follower	Y.Akhila	19D41A0274
	A.Saikumar	19D41A0264
	K. Naveen	19D41A0481
	M. Vidvan	19D41A04B4
	J. Vinod Kumar	19D41A0467
RC Plane	B.Varun Goud	20D45A0245
Snake Robot	K. Suprya	19D41A0236
	P.Saikiran	19D41A0255
	D. Naveen	19D41A0444
	A. Preethi	19D41A0405
Rain Water Harvesting	V.Nagamalli Reddy	19D41A0183
	P.Anjali	19D41A0165
	K.Venkatesh	20D45A0112
	sai ganesh.Y	19D41A0188
Go Kart	Rufus	19D41A0361
	Dhansuh	20D45A0303
	vishveswar Reddy	19D41A0362
	Rakesh	19D41A0321
	Pratik	19D41A0333
	vinay	19D41A0360
	Naveen	19D41A0359
E-Bike	B.yogendar	19D41A0307
	B.sandeep reddy	19D41A0308
	P Harshavardhan reddy	19D41A0357
	G.Rahul	19D41A0319
	N.Tarun reddy	19D41A0353



## START-UP & INNOVATION

Sri Indu College of Engineering and Technology (SICET) formed “Start-up & Innovation Cell” with an aim 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 so as 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.

### S-HUB

**SICET organized the following Events.**

S.No.	Name of the Event	Title	Duration	Date
1	Student Development Program	SKILL DEVELOPMENT ON JAVA	7 Days	24.04.2021 to 30.04.2021
2	Poster Presentation Competition	Emerging Technologies	1 Day	10.05.2021
3	Project Expo	Project Expo	1 Day	14.06.2021
4	One Day Online Work Shop	basic principles of Drone design and assembling	1 Day	21.06.2021
5	National Youth Skill Day Celebrations 5 Days	HANDS ON WORKSHOP in online	5 Days	10.07.2021 to 14.07.2021
6	Open Seminar	R & D Skills Development	1 Day	07.09.2021
7	Traditional Day	Traditional Day	1 Day	09.10.2021
8	Student Development Program	Project Development Training	10 Days	08.11.2021 to 17.11.2021

### Clubs

SNo	Name of the Club	Title of the Models	Date of Establishment
1	Robotic Club	Humanoid robot Snake Robot Inch Worm Robot	15.05.2021
2	Autonomous Vehicle Club	Cyber Security of Autonomous Vehicle Weather conditions of the destination and path of Autonomous Vehicle passenger health conditions in inside the vehicle	14.07.2021
3	Innovation Club	Home Automation Pervious Concrete Road Smart Agriculture	14.07.2021
4	Agriculture Club	E-Agriculture Agriculture Drone IOT based Soil Monitoring System	07.12.2021

## SOCIAL OUTREACH ACTIVITIES



**Chairman Sir distributed food to people during COVID-19 pandemic crisis**



**Mrs.K.Kavitha, MLC and K, Santhosh Kumar, MP Visited SICET Stall In T News Education Fair 2021**



**Haritha Haram Programme organized in the campus on 25-07-2021**



**Awareness Programme on Scholarship for Newly Joined Students**



**Organized Eye Checkup Camp for Drivers in the campus**



**Medical Camp organized in the campus distributed Medication to the students**



## WORKSHOPS/GUEST LECTURES

Work shop conducted on 02-07-2021



- **Online Workshop on Drone organized by ECE department on 21-06-2021** to Improves the student's skills to develop current technology based models. Acquiring knowledge on Modern Tools Increases the students innovations and ideas with various strategies incorporations. **Dr. G.V.V Sharma**, Associate Professor, IIT, Hyderabad is the chief guest for the programme.

## SEMINARS/WEBINARS

- ❖ Organized One week Training Programme on **"Skill Development on JAVA"** held from 24-04-2021 to 30-04-2021.
- ❖ Conducted New Faculty Orientation programme on 17-04-2021.
- ❖ One day webinar on "Development of Entrepreneurship & Innovation Skills" conducted on 30-01-2021.
- ❖ Organized workshop on **"HANDS-ON WORKSHOP Arduino Application"** for Young Scientists, associated with Technology Learning Center on 15-07-2021.

## FACULTY PUBLICATIONS

- **Dr.G.Suresh, Dr.N.C.Sendhilkumar** Professors and **Dr. Epsiba P**, Associate Professor published a paper titled "Evaluating Packet Detection Attack for Improving the Delivery Ratio Using Cyclic Frame Redundancy Bit Analysis in Manet" in International Journal of Grid and Distributed Computing, ISSN: 2005-4262, Vol. 13, No. 2, (2020), pp. 546 – 557.
- **Dr. G.Suresh** and **Dr. N.C.Sendhilkumar** Professors published a paper titled "A Comprehensive study on optimal energy efficient routing protocols for life time conservation of wireless sensor" in International Journal of Psychosocial Rehabilitation, Vol.24,No.8, PP.No. 10550-10561, 2020.
- **Dr. Sendhilkumar N C** Professor published a paper titled "RF Based Lo-Ra Transceiver Patient Health Detection System" in International Conference on Emerging Trends in Science, Engineering & Management, doi:10.1088/1742-6596/1964/6/062069, IOP Publishing, Jan, 2021.

- **Dr.J. Martin Sahayaraj, Dr. Senthilkumar** Professors, published an article titled "A Hybrid Grey Wolf and Crow Search Optimization Algorithm-Based Optimal Cluster Head Selection Scheme for Wireless Sensor Networks" in Wireless Personal Communications An International Journal, Springer publications, ISSN 0929-6212, DOI 10.1007/s11277-020-07259-5, April. 2020.
- **Dr. J.Martin Sahayaraj**, Professor, published an article titled "A Novel Design of Microstrip Antenna for Wireless Applications" in Journal of Science Technology and Research (JSTAR), Volume No.1, Issue No.1 (2020)PP38-45.
- **Dr.J. Martin Sahayaraj**, Professor, published an article titled "Artificial neural network based prediction of responses on eglin steel using electrical discharge machining process" in Materials today, ISSN No:2214-7853 July 2020.
- **Dr. Mukunthan. P, and Dr. Sendhilkumar N.C**, Professors published an article titled "Design of New Reconfigurable Architecture for Implementing a Least Mean Square Finite Impulse Response Filter Using Borrow Select Subtraction (BSLS)" in Journal of Computational and Theoretical Nanoscience, DOI: <https://doi.org/10.1166/jctn.2020.8471> Volume 17, Number 4,PP.1943-1948(6),April 2020.
- **Dr. G.Suresh, Professor and Dr. Epsiba. P**, Associate Professor published an International paper titled "An Evaluation of Effective Intrusion DoS Detection and Prevention System Based on SVM Classifier for WSN" in IOP Conference Series: Materials Science and Engineering, 925 (2020) 012068, IOP Publishing doi:10.1088/1757-899X/925/1/012068.
- **Dr.N.C.Sendhilkumar** Professor published an International paper titled "Area Efficient Reconfigurable Buffer for NoC Router" in IOP Conf. Series: Materials Science and Engineering 925 (2020) 012065 IOP Publishing doi:10.1088/1757-899X/925/1/012065, Volume 925, 2020.
- **Dr.N.C.Sendhilkumar** Professor published an International paper titled "Cascaded Multi-Level Inverter with APOD Based PV System for Induction Motor using DTFC Control" in IOP Conf. Series: Materials Science and Engineering 925 (2020) 012018 IOP Publishing, doi:10.1088/1757-899X/925/1/012018.
- **Mr.D.Thirumal Reddy, Mrs.S.Sandya Rani, and Mrs.V.Sunitha**, Asst. Professors published a paper titled "Arm9 based real time embedded system video capture and SMS Notifying system" in ICSMEC-2020, ISBN: 978-93-80831-43-5. 29,30, 2020.
- **Dr.P Subash, Professor, published a paper titled "Smart Energy Meter Monitoring with Detection of Electricity Theft Using IoT"** in The International journal of analytical and experimental modal analysis, ISSN: 0886-9367, Volume XIII, Issue XI, November/2021.

- **Dr. P.Subash, Professor, published a paper titled “iot based temperature and face mask detection with automatic hand sanitizer for covid-19 pandemic” in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XIII, Issue XI, November/2021.**
- **Dr.P.Mukunthan, Professor, published an article titled, “Modified device key generation algorithm and A\* Algorithm to optimize the security measures based on trust value in device-to-device communications” in International Journal of Soft Computing –Springer, Online Publication on 20/11/2021 DOI.org./10.1007/s00500-021-06508-4.**

### BOOKS PUBLICATION:

1. **Dr. J.Martin Sahayaraj, Professor, published a book titled “Wireless Networks” ISBN:978-93-89125-83-2, EVINCEPUB PUBLICATIONS.**
2. **Dr. Pasupuleti Ramesh, Professor published a book titled “Fundamental of Embedded Systems and Internet of Things” ISBN:9789392153112, South Asian academic publications.**

### BOOK CHAPTERS:

- **Dr. G.Suresh, Professor and Dr. Epsiba. P, Associate Professor contributed a book chapter “ Gaussian Parameters-Based Speech Recognition with Hartley Feature” book title Machine Learning and Applications by Dipti press Pvt.Ltd., ISBN: 978-93-86923-47-9, Vol.2, No.1, pp.no.146-150, year 2020.**
- **Dr. J Martin Sahayaraj and Dr. Senthil Kumar, Professors contributed a book chapter “An Innovative and Scalable SDV Architecture for Wireless Sensor Networks” book title INTRODUCTION OF ARTIFICIAL INTELLIGENCE, ISBN 9789387865914, Dipti Press (OPC) Pvt. Ltd. 2020.**
- **Dr. G.Suresh, Professor contributed a book chapter “ Wireless Smartphone Charger Device Expedition Optimization Technique for Wireless Sensor Network System” ISBN 978-81-952585-3-6, Dipti Press (OPC) Pvt. Ltd.**
- **Dr.N C Sendhilkumar, Professor, contributed a book chapter “Cloud Computing with Wireless Network and Pattern Recognition” book title Electronic Devices and Circuits, Lambert Academic Publishing, Volume 1, Issue 1, PP62-66,2021.**
- **Dr.N C Sendhilkumar, Professor, contributed a book chapter “Advanced Microprocessor and Microcontroller” Lambert Academic Publishing, ISBN: 978-81-952459-2-5, 2021**

### PATENTS: – FILED AND PUBLISHED

- **Dr. N. Tamlarasan, Professor, Invented “SMART BELT FOR HEALTH MONITORING OF PREGNANT WOMEN, Application Number. 202041054878, publication date 01-01-2021 in IPR India.**
- **Dr.P.Mukunthan, Professor, Invented “Magnesium chloride hexahydrate as phase change thermal energy storage material in solar parabolic” Application Number 202141010837 A, Publication date 26-03-2021.**
- **Mr. D. THIRUMAL REDDY Asst. Professor, Invented “a novel method and system for designing vlsi circuitry to optimize the integrated circuit operation” Application Number 202141020084, Publication date 07-05-2021.**
- **Dr.G.Suresh, Professor, Invented “System and Method for Evaluating the Packet Detection Attack (PDA) for Improving a Delivery Ratio” Application Number 202041050708, publication date 04-12-2020.**
- **Dr.G.Suresh, Professor, Invented “a smart and efficient waste management system to safely dispose the wastes to avoid pandemics such as covid 19” Application Number 2020102818, published on 05/11/2020 in IPAustralia.**
- **Dr.G.Suresh and, Dr.N.C.Sendhilkumar, Professors invented “Rail Area Cleaning Robots for Railway Stations” Application Number 202041039071, published on 25/09/2020 in IPR India.**
- **Dr. N.Tamilrasan, Professor, Invented “Novel Super continuum Generation using PCF with non-uniform Honeycomb cladding for 35 KW pump pulse” Application Number 202041052231 A, Publication date 11-12-2020.**
- **Mr. E.Parusha Ramu, Asst. Professor, Invented “Smart Approach in Farming with IOT” Application Number202141039835, Publication date 24-09-2021**
- **Mrs. Sandhya Bolla, Mrs. Deepika Rathod and Mrs. Udays Sree P, Asst. Professors, Invented “Advanced Microcontroller bus Architecture (AMBA)’s VLSI Design for the AHB2APB Bridge, Application Number 202141033469 A, Publication Date 06-08-2021.**
- **Mr. E. Parusha Ramu, Mrs. Prathyusha.V, Mrs. V.Sunitha, and Mrs. Swathi.S, Asst. Professors, Invented “ Low Power VLSI Implementation of Multi Layer Neural Networks” Application Number 202141031941 A, Publication date 23-07-2021.**
- **Dr. P.Subash, Professor, Invented “An Internet of things based covid spread prevention system and its method there of” Application No:2021104215 Publication date 15-07-2021.**
- **Dr.N.C. Sendhilkumar, Dr.G.Suresh, Dr.P.Mukunthan Professors and Dr. P.Epsiba, Assoc. Professor, invented “Self- Activated Talking BOT for Identification of smoking person’s in public areas and alert them via automated voice generation”, Application No.202141057287,Publication date09.12.2021.**
- **Dr.G.Suresh, Dr. N.C. Sendhilkumar and Dr. P.Mukunthan Professors and Dr.P.Epsiba Assoc. Professor, invented “Implementation of Real Time Multi Object Detection (MOT) by speed K210 AI Processor”, Application No.202141042668, Publication Date:21.09.2021.**
- **Dr.P.Mukunthan, Dr.J.Martin Sahayaraj, Dr.N.C.Sendhilkumar and Dr.N.Tamlarasan, Professors, invented “An Internet of Things based COVID spread prevention system and its method thereof” Application No.2021104215, Filling date 15-07-2021(Australian Patent)**



**Project Expo-2021:** Students participated and presented their innovations and skills in the project expo-2021 from 20-12-2021 to 26-12-2021.



**Students selected in Campus Placements in the year 2021**



**Traditional Day and Bathukamm Cerebrations 09-10-2021**



**Industrial Visits-2021**



**Conducted Project Training Programme on 08-11-2021 for 4<sup>th</sup> year students**



**Conducted "National Pollution Control Day" on 02-12-2021, Students presented seminars and Poster presentations.**





### Faculty Attended AICTE Webinar through online



### Conducted MOOCs awareness program on SWAYAM-NPTEL Courses



International Women's Day Celebrated on March 8<sup>th</sup> in the Department of ECE. all the Staff and Students participated in this event. Students presented PPT on Women empowerment

### FACULTY ACHIEVEMENTS:

#### The following faculty attended FDP/STTP/Refresher Programs in 2021

FACULTY NAME & Designation	TOPIC	ORGANIZED INSTITUTION
<b>Dr.G.Suresh, Professor</b>	National Level Online Faculty Development Program on "REVISED NAAC ACCREDITATION FRAMEWORK PERCEPTIONS"	G.T.N. ARTS COLLEGE (AUTONOMOUS)
<b>DR.H.JOSEPH PRABHAKAR WILLIAMS, Professor</b>	ATAL FDP on photonics technology: a new era of communication	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY (IIIT), RANCHI
<b>Dr.P.Ramesh Professor</b>	Revised NAAC Accreditation Framework Perceptions	G.T.N Arts College
	Research Perspectives on AI, ML, Data Science & IoT	KL University
	Research Methodology	Kamla Nehru Mahavidyalaya, Nagpur
<b>Dr.N. Tamilarasan, Professor</b>	IoT in 5G technology	AICTE-ATAL
<b>Mr.Kanugu Ram Mohan Rao, Assoc. Professor</b>	"SciLab: An Effective Open Source Tool for Computer Vision and Machine Learning"	VIDYA JYOTHI INSTITUTE OF TECHNOLOGY
	Impact of Machine Learning during Current Covid-20 Period	Mother Theresa Engineering College
	ONE WEEK STTP ON EMERGING TRENDS IN ADVANCED SIGNAL & IMAGE PROCESSING	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
	Modern Wireless Communication Systems and Antenna Engineering with Experimental Learning	National Institute of Technology Sikkim
	AICTE sponsored two week online FDP on "RELIABILITY ENGINEERING AND SYSTEM SAFETY"	VISHNU INSTITUTE OF TECHNOLOGY
	Recent Trends in IoT Using Embedded Systems	MAHATMA GANDHI INSTITUTE OF TECH
	Emerging Technologies in Electric Vehicles	Bapatla Engineering College, Guntur.
	ATAL FDP on "Wearable Devices"	ATAL ACADEMY at G. Narayanamma Institute of Technology and Science
	Hands on Project-Based Approach of Biomedical Signal Analysis using Matlab	Kakatiya Institute of Technology and Science, Warangal.



<b>Ms.Deepika Rathod Bhukya</b> <b>Asst. Professor</b>	"Scilab: An Effective Open Source Tool for Computer Vision and Machine Learning	Vidya Jyothi Institute of Technology, Hyderabad.
	Emerging Trends in VLSI Technology	Malla Reddy Engineering College for Women, Hyderabad.
	Energy Management and Control System for Smart Renewable Energy Remote Power Generation	Annamacharya Institute of Technology and Sciences, Rajampet.
	Societal Applications of AI, Blockchain, and IoT	Shri Vishnu Engineering College for Women Bhimavaram.
	ATAL FDP on " Internet of Things"	ATAL ACADEMY at University of Hyd.
	Challenges and Research Directions for Blockchains in the Internet of Things	Sona College of Technology, Salem, Tamilnadu.
	Role of Teacher in Higher Education	Global Education Centre, Moinabad.
	Emerging Trends in Advanced Signal and Image Processing	Malla Reddy Engineering College for Women, Hyderabad.
	Prospects and Retrospects in LifeScience	Rathnavel Subramaniam College of Arts and Science
	Reliability Engineering and System Safety	Vishnu Institute of Technology, AP
	Technology Based Entrepreneurship Development Programme	Sumathi Reddy Institute of Technology for Women
	Modern Wireless Communication Systems and Antenna Engineering with Experimental Learning	TEQIP-III National Institute of Technology, Sikkim.
	EMERGING TECHNOLOGIES IN AUTOMOTIVE INDUSTRY	VIGNANA JYOTHI INSTITUTE HYD
	Research Methodology for Social Sciences	Indian Institute of Management and Commerce, Hyderabad.
	Smart City: Recent Developments in Smart City ( SMART-2020).	Sri Siddhartha Institute of Technology, Tumakuru, Karnataka.
	Recent Trends in CSE PHASE-I	St Mary's Women's Engineering College, Andhra Pradesh.
	Art of Effective Education during Pandemic Scenario	Tamilnadu Teachers Education University, Chennai
	Real-Time IOT Applications using Node MCU and Raspberry Pi Controllers	Institute of Science and Technology, Chennai.
	Modelling & Simulation Tools for Research	D. Y. Patil College of Engineering, Pune.
<b>Mr.Dendhi Thirumal Reddy</b> <b>Asst. Professor</b>	Impact of machine learning during current covid 20 period	St mother theresa Engineering College
	New generation wireless technologies	Indo global college of engineering
	Research Methodology	KNM
<b>Mrs.Desineni Bharathi</b> <b>Asst. Professor</b>	IMPACT OF MACHINE LEARNING CURRENT COVID-20 PERIOD	St.MOTHER THERESSA ENGINEERING COLLEGE, THOOTHUKUDI
<b>Mr.Gonugunta Raj Kumar</b> <b>Asst. Professor</b>	EMERGING TRENDS IN VLSI TECHNOLOGY	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
	VLSI Desing and Modelling	College of Engineering Roorkee
	RESOURCE MOBILIZATION LOCAL TO GLOBAL	GHG KHALSA COLLEGE OF EDUCATION
	ADVANCED TRAINING PROGRAM ON TEACHING	MALLA REDDY ENGINEERING COLLEGE
	CAREER DEVELOPMENT PLANNING	SRI RANGANATHAR INSTITUTE OF POLYTECHNIC COLLEGE
	Future and challenges in Engineering and Technology	KRISHNA ENGINEERING COLLEGE
	RELIABILITY ENGINEERING AND SYSTEM SAFETY	VISHNU INSTITUTE OF TECHNOLOGY
	DEEP LEARNING YECHNIQUES FOR ELECTRONIC HEALTH RECORD ANALYSIS	MALLA REDDY ENGg. COLLEGE FOR WOMEN
	RESEARCH METHODOLOGY FOR SOCIAL SCIENCES	INDIAN INSTITUTE OF MANAGEMENT AND COMMERCE
	VLSI Design and Verification	ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES
	Smart City: Recent Developments in Smart City	SRI SIDDHARTHA INSTITUTE OF TECH.

	EMERGING TRENDS IN VLSI TECHNOLOGY	MALLA REDDY ENGg. COLLEGE FOR WOMEN
	Real Time IoT Applications using Node MCU and Raspberry Pi Controllers	Smart Systems Group and Vel Tech
	RESEARCH METHODOLOGY	KAMLA NEHRU MAHAVIDYALAYA
	Smart Technology pillars of 5G and Beyond	SINHGAD INSTITUTE OF TECHN.&CIENCE
<b>Mrs.PRATHYUSHA V Asst. Professor</b>	Internet of things (IOT)	University of Hyderabad
<b>Mrs.P. Mamatha Asst. Professor</b>	AI, MI	ATAL
	Next generation wireless network	Kongunadu college
	Signal image processing	Mallareddy engineering and technology
	Reliability Engineering & System safety	Vishnu Institute of technology
	Sci lab	VJIT
	AI in Electronic chip design Technology	ACE Engineering College
	Emerging Trends in VLSI technology	Mallareddy Engineering college
	IOT	Kongunadu engineering college
	Artificial intelligence	ATAL
	Cyber security	ATAL
	Wireless networks	Kongunadu Engineering college
	Induction/Refresher	CMR college
	Cloud computing	ATAL
	3d printing	ATAL
	Challenges & Advances in communication system for 5G	Lakireddy balreddy college of engineering
<b>Mr.Polagoni Srinivas Asst. Professor</b>	Impact of machine Learning	Anna university
<b>Mrs.Prathyusha V Asst. Professor</b>	Impact of machine learning during current covid20 period	St. Mother Theresa engineering college
	Academia industry interaction avenues in funded projects and entrepreneurship	REVA University
	Hybrid renewable energy system & waste to energy	New horizon college of engineering
	Research methodology	Kamla nehru mahavidyalaya
	Design of nanoelectronics and nanophotonics devices using advanced software tools	GITA AUTONOMOUS COLLEGE
	Emerging research trends in communication	DY Patil college of engineering
	Multi technology	Vishvodaya engineering college
	Emerging research trends in communication	D.Y.Patil college of engineering,pune
	Hands on project based approach for biomedical signal analysis by using MATLAB	Kakatiya institute of technology and Science, Warangal
	Energy management and control system for smart renewable energy power generation	Annamacharya institute of technology & science, Rajampet
	Challenges & research directions in blockchain in the internet of things	Sina college of engineering
	Emerging trends in advanced signal & image p	Mallareddy college of engineering for women
	Reliability engineering & system safety	Vishnu Institute of tech, bheemavaram
	Smart city	Sri Siddhartha institute of technology
	Programming a quantum computer with Qiskit	Coursera project network
<b>Mrs.R.Sarada Asst. Professor</b>	Internet of Things	AICTE training and Learning academy
	Artificial Intelligence	AICTE-Training and Learning Academy
<b>Mrs. Sandhya Bolla Asst. Professor</b>	DIGITAL DESIGN THROUGH VERILOG	SVR ENGINEERING COLLEGE, NANDYAL
	AI FOR EXCELLENCE	CVR COLLEGE OF ENGINEERING & TECH.
	EMERGING RESEARCH TRENDS IN COMMUNICATION	D.Y.PATIL COLLEGE OF ENGINEERING,
	MULTI TECHNOLOGY	VISVODAYA ENGINEERING COLLEGE



	WEARABLE DEVICES	ATAL FDP AICTE
	ENERGY MANAGEMENT & CONTRIL SYSTEM FOR SMART RENEWABLE.ENERGY REMOTE POWER FENERATION	AITS,Rajampet
	EMERGING TECHNOLOGIES IN ELECTRIC VEHICLES	BAPATLA ENGINEERING COLLEGE
	INTERNET OF THINGS	ATAL FDP AICTE
	5G AND EMERGING TECHNOLOGIES	CVR COLLEGE OF ENGINEERING & TECH
	ADVANCED MATERIALS FOR ATMANIRBHAR BHARATH	J C BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY FARIDABAD
	PROSPECTUS AND RETROSPECTS IN LIFE SCIENCE	RATNAVELU SUBRAMANUM COLLEGE OF ARTS AND SCIENCE
	RECENT ADVANCES IN EV TECHNOLOGY	MATRUSRI ENGINEERING COLLEGE
	COMMUNICATION TECHNOLOGIES FOR IOT	IETE
	EMERGING TRENDS in VLSI TECHNOLOGY	MALLAREDDY COLLEGE
	Innovative Research Techniques	LOYOLA ACADEMY DEGREE AND PG COLLEGE
	MULTI TECHNOLOGY	BODOLAND UNIVERSITY, ASSAM
<b>Mrs.Swathi. S</b> <b>Asst. Professor</b>	Blended Learning and Flipped Classroom	National Institute of Technical Teachers Training and Research ,Chennai
	Emerging Trends in VLSI Technology	Malla Reddy Engineering college for women
	Fielad computation in Electrical Engineering	CMR Engineering college
	Internet Of Things (IOT)	ATAL
	Women Entrepreneurship Development Program	Kuppam Engineering college
	Impact of machine learning during current covid-20 period	St. Mother Theresa Engineering College
	Emerging Trends in Advanced Signal and Image Processing (slot I)	Malla Reddy Engineering college for women
	RELIABILITY ENGINEERING AND SYSTEM SAFETY	VISHNU INSTITUTE OF TECHNOLOGY
	ARTIFICIAL INTELLIGENCE	AICTE Training And Learning (ATAL)

### Faculty completed MOOC Courses from SWAYAM/NPTEL and COURSERA in 2021

Name and Designation	Course Name	University Name
Mrs.Swathi S Asst. Professor	<b>NPTEL Course on Microwave Integrated Circuits</b>	
Mr.A. Venugopal Asst. Professor	Introduction and programming with IoT boards	POSTECH University
<b>Ms. Deepika Rathod</b> <b>Bhukya</b> <b>Asst. Professor</b>	Aruba Networking Basics	Aruba Education Services
	Write your first novel	Michigan State University
	Amazon DynamoDB: Building NoSQL Database-Driven Applications	AWS Amazon Web Services
	Positive Psychology	The University of North Carolina at Chapel Hill
	Foundations: Data, Data, Everywhere	Google
	Modern Application Development with Python on AWS ( Specialization Course)	AWS Amazon Web Services
	Building Modern Python Applications on AWS	AWS Amazon Web Services
	Getting Started with AWS Machine Learning	Amazon Web Services
	Mindfulness and Well-being: Living with Balance and Ease	RICE UNIVERSITY
	Prepare Data for Exploration	Google
	Introduction to Personal Branding	University of Virginia
	TI Embedded System Design using MSP430TM MCU MOOC	TEXAS INSTRUMENTS
	Google Data Analytics Capstone: Complete a Case Study	Google
	Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications	INTEL
	AWS Cloud Technical Essentials	AWS Amazon Web Services

	AWS Fundamentals: Migrating to the Cloud	AWS Amazon Web Services
	AWS Fundamentals: Addressing Security Risk	AWS Amazon Web Services
	AWS FUNDAMENTALS (Specialization Course)	Amazon Web Services ( AWS )
	How to Write a Resume (Project-Centered Course)	SUNY THE STATE UNIVERSITY OF NEWYORK
	Improve Your Python Code Using Amazon CodeGuru	AWS Amazon Web Services
Dr N C Sendhilkumar Professor	Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications	Intel
	Aruba Networking Basics	Aruba, a Hewlett Packard Enterprise company
	Introduction to AWS Identity and Access Management	Amazon Web Services
	Mindfulness and Well-being: Living with Balance and Ease	Rice University
	How to Write a Resume	The State University of New York
	Getting Started with AWS Machine Learning	Amazon Web Services
	Introduction to Personal Branding	University of Virginia
	Positive Psychology	Coursera
Dr.P.Ramesh Professor	Introduction to Intel distribution of open VINO toolkit for computer vision applications	Intel
	Introduction to AWS identity and access management	Amazon web services
	Mindfulness and wellbeing: living with balance and ease	RICE UNIVERSITY
	How to write a resume (Project oriented course)	state university of newyork
	Introduction to personal branding	university of Virginia
	positive psychology	university of north Carolina
	Getting started with AWS Machine learning	Amazon Web Services
	Create Google Ads Search Campaign	Coursera project network
Mr.Easari Parusha Ramu Asst. Professor	NPTEL E-Awareness workshop	NPTEL
Mrs.G Sravanthi Asst. Professor	Programming a quantum computer with qiskit	Coursera project network
	Rstudio for six sigma hypothesis testing	Coursera project network
	Business Analysis and process management	Coursera project network
	NLP. Twitter sentiment analysis	Sri Indu college of engineering and technology
	Introduction to digital health	Sri Indu college of engineering and technology
	Create and design digital products using canva	Sri Indu college of engineering and technology
	Introduction to basic game development using scratch	Coursera project network
	Create profile and network in LinkedIn	Coursera project network
	Crea in app de machine learning can spark synapses analytics	Coursera project network
	Postman intro to api	Coursera project network
	Build user experience map in miro	Coursera project network
	Using Google tanboard for student learning	Coursera project network
	Introduction to machine learning	Duke University
	Introduction to programming with IOT brands	POSTECH
	Introduction to block chain technologies	INSEAD
	The arudino platform and c programming	UCI
	Encouraging students growth with teacher monster to real	Coursera project network
	Introduction to network and Cisco device	Coursera project network
	Introduction to operating system	Coursera project network
	Create engaging presentations with eseely	Coursera project network
	Create a Google ads search campaign	Coursera project network



	Fixed income bank financing	Coursera
	Use survey monkey to create a survey and analyze results	Coursera
	Create a website using word press free hosting sub domain	Coursera
	Use word press to create a big for your business	Coursera
	Launch an auto scaling away EC2 virtual machine	Coursera
	Getting started with profit books	Coursera
Mrs.Krishnaveni Goddu Asst. Professor	Introduction and programming with IOT boards	Postech pohang university of science and technology
Mrs. P.Srinivas, Asst. Prof.	Manage web spam in Google analytics	Coursera project network
Dr. P.Mukunthan Professor	Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications!	Intel
	Aruba Networking Basics.	Aruba Education Services
	How to Write a Resume (Project-Centered Course)	The State University of New York
	Mindfulness and Well-being: Living with Balance and Ease	Rice University
	Introduction to AWS Identity and Access Management	Amazon Web Services
	Introduction to Personal Branding	University of Virginia
	Getting Started with AWS Machine Learning	Amazon Web Services
	Millimeter Wave Technology	Indian Institute of Technology, Kharagpur
Mr. Polagoni srinivas Asst. Professor	Create a Mortgage Payment Calculator in Google sheets	coursera
	introduction and Programming with IoT Boards	POSTECH (coursera)
	Create a Website Using Wordpress : Free Hosting &sub-domain	coursera
	Manage Content Marketing using Google Docs	coursera
	Manage web spam in Google Analytics	coursera
Mrs.Prathyusha V Asst. Professor	Science of well being	Yale University
	Flush out a feature on Coursera in micro	Coursera project network
	Critical path analysis using lucidchart	Coursera project network
	Science research foundation	Moscow institute of science and technology
	TI embedded system design using MSP 430MCU MOOC	Texas Instruments
	Creating a free business page with blogger	Coursera project network
	Object localization with tensorflow	Coursera project network
	Introduction to business analysis using spread sheets :basics	Coursera project network
	Crash course in gnuplot	Coursera project network
	Use canvas to create social media visuals for business	Coursera project network
	Use python regular expression to process file data	Coursera project network
	Create an engaging marketing pitch using google slides	Coursera project network
	Manipulate object properties with c# in unity	Coursera project network
	C++ inheritance, aggregation & composition	Coursera project network
Mrs. R.Sarada, Asst. Professor	Manage content Marketing using Google Docs	Coursera project Network
	Introduction and programming with IOT Boards	Pohang University of Science and Technology
Mrs.Sandhya Bolla Asst. Professor	Construct stock market indices	COURSERA PROJECT
	Screening stocks for investment	Coursera project
	Portfolio diversification using correlation marix	COURSEERA PROJECT NETWORK
	Natural language processing for stock	COURSEERA PROJECT NETWORK
	Compare time series predictions of covid19 deaths	COURSEERA PROJECT NETWORK
	Getting started with aws machine learning	AWS

	How to write a resume	THE STATE UNIVERSITY OF NEWYORK
	Code yourself an introduction to programming	THE UNIVERSITY OF EDINBURGH
	Introduction to aws identi4and access management	AWS
	Communication stratagies for a virtual age	UNIVERSITY OF TORONTO
	Positive psychology	THE UNIVEROF NORTH COROLINA AT CHAPEL HILL
	Mindfulness and well being:living with balance and ease	RICE UNIVERSITY
	High stakes leadership leading in times of crisis	UNIVERSITY OF MICHIGAN
	Introduction to personal branding	UNIVERSITY OF VIRGENIA
	Design a professional business card with qr code using canva	COURSEERA PROJECT NETWORK
	Science research foundations	MOSCOW INSTITUTE OF PHYSICS AND TECHNOLOGY
	Aws fundamentals addressing security risk	AWS
	Aws fundamentals building serverless applications	AWS
	Aws fundamentals going cloud native	AWS
	Aws cloud practitioner essentials	AWS
	Aws fundamentals migrating to the cloud	AWS
	Foundations, data, data,everywhere	GOOGLE
	Google workspace administration	GOOGLE CLOUD
	Ti embedded system design using msp830 mcu mooc	TEXAS INSTRUMENTS
	Prepare data for exploration	GOOGLE
	Brand and product management	IE REINVENTING HIGHER EDUCATION
	Introduction to intel distribution of openvino toolkit for computer vision applications	INTEL
	Aruba networking basics	ARUBA EDUCATION SERVICES
	EMBEDDED SYSTEM DESIGN using MSP830 MOOC	TEXAS INSTRUMENTS
	Introduction to enterprise computing	IBM
	Getting started on mainframe with z/os commands and panels	IBM
	The embedded system design using msp430	TEXAS INSTRUMENTS
	SPECIALIZATION COURSE ON IBM z/OS MAIN FRAME FUNDAMENTALD	IBM
	The science of success	MICHIGAN UNIVERSITY
	Write your first novel	MICHIGAN STATE UNIVERSITY
	Specialization certificate on modern development with python on aws	AWS
	Specialization course on aws fundamentals	AWS AMAZON WEB SERVICES
Mrs.Swathi Singanaboina Asst. Professor	Create a mortgage payment calculator in Google sheets	COURSERA
	Agile project product prototype touchpoint analysis in miro	Coursera Project Network
	Build A professional Resume Using Canva	Coursera Project Network
	Create a website using wordpress free hosting and subdomain	Coursera Project Network
	Manage content Marketing using Google docs	Coursera Project Network
	Create a mortgage payment calculator in Google sheets	Coursera Project Network
	Critical path Analysis Using Licidchart	Coursera Project Network
	Collaborating with G suit Apps	COURSERA



	Utilize LinkedIn for Career Search	COURSERA
	Use Canva to Design Digital Course Collateral	COURSERA
Dr.Tamilarasan Narayanaswamy Professor	Aruba Networking Basics	Aruba
	Introduction to Intel Distribution of open VINO tool kit for computer vision application	Intel
	Introduction to AWS Identity and access management	AWS
	Getting Started with AWS machine learning	AWS
	Positive Psychology	University of North Carolina

### Faculty attended Seminar/Webinar in 2021

NAME	TOPIC	ORGANIZED INSTITUTION
Dr.G.Suresh Professor	Application Development without Coding	University of Emerging Technologies, Pune
	Enhancing Quality Teaching Strategies through Outcome based Education	IQAC, Kongu Engineering College, Erode
	Embedded Technologies for Modern Radar System	IETE, Hyderabad
	Recent Research Trends in Data Science	IETE Hyderabad Centre
	Novel Applications of LEDs-a fillip to Appliance Industry	IETE, Hyderabad
	Recent Trends in Computer Technology and Information Science	Nilkanthrao Shinde Science and Arts College, Chandrapur
	Introduction to RADAR System	IETE, Hyderabad Centre
	National Education Policy 2020	MQI College of Management, Bengaluru
	Role of Intellectual Property Rights (IPRs) in Research and Development	Rajas Engineering College
Mr.A VENUGOPAL Asst. Professor	Recent Research Trends in Data Science	IETE
	How to start career in Machine learning and Artificial Intelligence	Sri Indu College of Engg & Technology
	Usage of technology for social challenges	IETE
Mrs.Swathi S Asst. Professor	Microwave Integrated Circuits	AICTE NPTEL
Mr. D.Thirumal Reddy Asst. Professor	Usage of technology for social challenges	IETE
Ms. DEEPIKA RATHOD BHUKYA Asst. Professor	The Art of Reverse Engineering	IETE HYDERABAD
	Embedded Technologies for Modern Radar Systems	IETE HYDERABAD
	STRATEGIES FOR UP SKILLING YOUR WORK FORCE IN A CHANGING WORLD	Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI.
	How Junk is your Food	ST. Francis De Sales College, Nagpur.
	Education, Civil Rights & Journalism	ITM University, Gwalior, MP.
	Role of a Teacher in Present Education System	IETE, HYDERABAD.
	Advances in Communication Technology and its Utilization in Satellite Ground Station	IETE HYDERABAD
	Youth Empowerment For Sarva Siksha Abhiyan	ST. Francis De Sales College, Nagpur.
	ABALA TO SABLA	IETE HYDERABAD
	Efficiency of Machine Learning Algorithms in Solving Complex Problems	IETE, HYDERABAD Centre.
	Art of Self Learning	Dr. M.G.R. Educational and Research Institute Chennai.
	Novel Application of LEDs - a fillip to Appliance Industry	IETE HYDERABAD
	5G and Emerging Technologies	CVR College of Engineering, Hyderabad.
	Implications on National Education Policy 2020 for Higher Education in INDIA	IETE HYDERABAD

	Give Your Stress Wings and Let it Fly Away	ST. FRANCIS DE SALES COLLEGE, NAGPUR.
	New Educational Reform for Multidisciplinary Research	Kamla Nehru Mahavidyalaya, Nagpur.
	Is it too early to start Research in 6G? Research Trends in 'Beyond 5G' & '6G' Technologies	IETE HYDERABAD
	Usage of Technology for Social Challenges	IETE HYDERABAD
	HARNESSING GENERATIONAL DIVERSITY	DR. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI.
	Webinar Series on Fore front Technologies for Projects	NoviTech R & D Pvt, Ltd
	First Aid Awareness	ST. FRANCIS DE SALES COLLEGE,
	Embedded Systems with Robotics	Finland Labs, New Delhi.
	Introduction to Radar System	IETE HYDERABAD
	ENTREPRENEURSHIP CAMPUS ECO SYSTEM	Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI.
	Recent Developments in Artificial Intelligence and their Impact on Religion and Society.	ST. Francis De Sales College, Nagpur.
	Future Electric Vehicles Manufacturing and Charging Infrastructure	IETE, HYDERABAD.
	SADBHAVANA: Mantra for Youth Empowerment	Saint Francis De Sales College, Nagpur.
	Communication Technologies for IOT	IETE HYDERABAD
	GLIMPSES ON LASER AND SPECTROSCOPY	Dr.MGR Educational and Research Institute, Chennai.
	International Day of Democracy	ST. Francis De Sales College, Nagpur.
	Tsunami Early Warning System- India	IETE HYDERABAD
	Keys to Manage Time & Stress	AISSMS College of Engineering, Pune.
	How to become a Successful Entrepreneur	SICET
	Current Trends in IT	Dr. M.G.R. EDUCATIONAL AND RESEARCH CHENNAI. INSTITUTE,
	Uses of Oxygen for Improvement in Patients	IETE HYDERABAD
	Bridal Trousseau	Dr. M.G.R. Educational and Research Institute, Chennai.
	Small Home Automation System ( Using MIT APP Inventor 2)	Jagannath Institute of Technology, Chennai.
	The Role of Electronics Engineering Fraternity in Craving a Super Techno Power India	IETE HYDERABAD
	Third Harmonic Generation of Inorganic Compounds	Dr. M.G.R. Educational and Research Institute, Chennai.
	Technology and Law in Cyber Security: Contemporary Challenges and Solutions	ST. Francis De Sales College, Nagpur.
	BIG DATA and its Characteristics	IETE HYDERABAD.
	INNOVATION, INCUBATION AND STARTUP POLICIES IN INDIA	Guru Nanak College, Chennai.
	Role of Digital Commerce in Covid Pandemic	Kamla Nehru Mahavidyalaya, Nagpur.
	Introduction to Block Chain Technology	IETE, HYDERABAD.
	Introduction to Low Probability of Intercept Radar Systems	IETE HYDERABAD
	How to be an empathetic Leader	Dr. M.G.R. Educational and Research Institute, Chennai.



Mr.DESINENI BHARATHI Asst. Professor	SEMICONDUCTOR DEVICE MODELLING	THE INSTITUTION OF ELECTRONICS AND TELECOMMUNICATION ENGINEERS
Dr N C Sendhilkumar Professor	KAPILA	MHRD
DR.H.JOSEPH PRABHAKAR WILLIAMS, PROFESSOR	ONE DAY NATIONAL LEVEL WEBINAR ON RENEWABLE ENERGY TECHNOLOGY-WIND	SRM TRP ENGINEERING COLLEGE, TRICHY, TAMILNADU
Dr.P.Ramesh, Professor	Embedded Technologies for Modern Radar Systems	IETE, Hyderabad
Dr.P.RAMESH, Professor	How to Start a Career in Machine Learning and Artificial Intelligence	SICET, R&D Cell
	Research article writing and publishing in good impact journal	IFERP
	Usage of Technology for Social Challenges	IETE, Hyderabad
	Using AI/ML to improve Customer Experience	Kanpur Institute of Technology, Kanpur
	Introduction to Radar System	IETE, Hyderabad
	Qualities of a good teacher	Ponkaliamman college of education
	Counseling, Coaching, Mentoring	IIHRD
Mr.E. PARUSHA RAMU Asst. Professor	RECENT RESEARCH TRENDS IN DATA SCIENCE	IETE
Mrs. G Sravanthi, Asst. Professor	Impact of machine learning during current covid-20	St. Mother Theresa engineering college
	Women empowerment cell	Sri jagadguru renukacharya college of science
	Industry 4.0 -Transforming industries and digital revolution	Nalla Narasimha Reddy
Mrs. GONUGUNNTA RAJ KUMAR Asst. Professor	Importance of Skill Development in Entrepreneurship & Employment	JAGANNATH INSTITUTE OF TECHNOLOGY
	Online Webinar on Yoga & Wellness	UGC-Human Resource Development Centre, Gujarat University
	Education in Rural india and National Eucation Policy 2020	B.M.RUIA GIRLS COLLEGE
	Embedded Technologies for Modern Radar Systems	The Institution of Electronics and Telecommunication Engineers
	Online Webinar on Disaster management	UGC-Human Resource Development Centre, Gujarat University
	Recent research trends in Data science	IETE
	RESEARCH PLANNING : PROPOSAL, PROJECT & IMPLEMENTATION FOR CAREER ADVANCEMENT	Satyendra Narayan Sinha College, Warisaliganj,Nawada
	Biped Robot and its control	Dr.AMBEDKAR INSTITUTE OF TECH.
	Scenario of Data Analytics and Emerging Technologies at Global Level	SWAMI SWATANTRANAND MEMORIAL COLLEGE
	Philosophy, Human and Technology	Mata Sundri College for Women
	Intellectual Property Rights (IPR)	Moolji Jaitha College, Jalgaon
	CBT for Anxiety and Depression	Mindselo
	Volunteerism: An Expression of Human Relationships	Youth Red Cross Unit of S.D. College
	ABALA TO SABLA	The Institute of Electronics and Telecommunication Engineers
	How to Start a Career in Machine Learning and Artificial Intelligence	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
	NOVEL APPLICATIONof LEDs - a fillip to Appliance Industry	The Institution of Electronics and Telecommunication Engineers
	Decoding Indian Budget 2021	Sheth T. J. Education Society's
	Intellectual Property –“Know Your Rights” Concept and Overview of IPR	SADHUVASWANI AUTONOMOUS COLLEGE
	INTERNET IN CLASSROOM INSTRUCTIONS	PONKALIAMMAN COLLEGE OF EDUCATION
	Two Day National Webinar on Soft Skills	College of Engineering,Pune & Devchand College,Arjunnagar

	Universal Human Values in Higher Education	SADHU VASWANI AUTONOMOUS COLLEGE
	AWARENESS OF STATISTICAL SOFTWARES (R,PYTHON,SAS,SPSS) IN CONJUNCTION WITH THE ANNUAL ACADEMIC COMPETITIONS OF ISPS	ISPS
	Usage of Technology for Social Challenges	IETE
	Augmenting Skills and Competencies of Teacher Educators for Professional Development	COUNCIL FOR TEACHING EDUCATION FOUNDATION
	Online Webinar on Artificial Intelligence	UGC-Human Resource Development Centre, Gujarat University
	Strategy for Managing Personal Finance Including Mutual Funds and NPS	Manonmaniam sundaranar University
	Railway Signaling and Train Traffic Control	MIT COLLEGE OF RAILWAY ENGINEERING & RESEARCH
	100 Years of Media education in India	MANDSAUR UNIVERSITY
	Using AI/ML TO Improve Customer Experience	KANPUR INSTITUTE OF TECHNOLOGY
	Recent Trend in Computer technology and Information Science	NILKANTHRAD SHINDE SCIENCE AND ARTS COLLEGE
	Online Webinar on Leadership	UGC-Human Resource Development Centre, Gujarat University
	Implementation of NEP 2020 in HEIs Issues & Strategies	JAGANATH University , Jaipur
	VASUDHAIVA KUTUMBAKAM	KISHORRE BHARATI BHAGINI NIVEDITA COLLEGE
	SUSTAINABLE CHEMISTRY IWSC-2021	ACT
	INTRODUCTION TO RADAR SYSTEM	The Institution of Electronics and Telecommunication Engineers
	Online Webinar on Climate Change	UGC-Human Resource Development Centre, Gujarat University
	INNOVATIONS IN LEARNING AND TEACHING	PONKALIAMMAN COLLEGE OF EDUCATION
	Data Science & ML Using Python	KALINGA UNIVERSITY
	Coastline Structure	SRI RAMAKRISHNA ENGINEERING COLLEGE
	NATIONAL WEBINAR on FUNCTIONAL MATERIALS on the Eve of Birth Anniversary of Prof. R.B. Kharat	Jagat Arts,Comm. & .H.P. Science College
	Learning Management System: Building Competencies for Online Teaching	COUNCIL FOR TEACHING EDUCATION FOUNDATION
	Communication Technologies for IoT	The Institution of Electronics and Telecommunication Engineers
	QUALITIES OF A GOOD TEACHER	PONKALIAMMAN COLLEGE OF EDUCATION
	Insights of National Education Policy (NEP)	Dr. Ambedkar Institute of technology
	E-resource of NDLI	BHAVAN'S VIVEKANANDA COLLEGE of Science,Humanities & Commerce
	Build Your Iconic Career	IIHRD
	Online Webinar on Ethics & Research	UGC-Human Resource Development Centre, Gujarat University
	Role of Distance Education in Post COVID-2021	COUNCIL FOR TEACHING EDUCATION FOUNDATION KARNATAKA CHAPTER BENGALURU
	Online Webinar on Education & MOOCs	UGC-Human Resource Development Centre, Gujarat University
	Career opportunities in Digital Marketing	THAKUR COLLEGE OF SCIENCE
	SMALL HOME AUTOMATION SYSTEM (USING MIT APP INVENTOR 2)	JAGANNATH INSTITUTE OF TECHNOLOGY



	FOOD & NUTRITIONAL SECURITY IN CHANGING CLIMATE	DR. BRR GOVERNMENT DEGREE COLLEGE
	Machine Learning With Python	A.G. & S.G. SDDHARTHA DEGREE COLLEGE OF ARTS & SCIENCE
	INTERNATIONAL WEBINAR on Innovations in Science & Technology	Smt. Narsamma Arts, Commerce and Science College
	An Outreach Program on Machine Learning for Exploration and Production	Hyderabad Institute of Technology and Management
	Fundamentalism : A Threat to Nationalism	SHANTI DEVI ARYA MAHILA COLLEGE
	21st Century Teacher as a facilitator	COUNCIL FOR TACHING EDUCATION FOUNDATION
	BECOMEING EMPLOYABLE	IIHRD
	RECENT DEVELOPMENTS IN GENETICS AND IMPACT ON RELIGION AND SOCIETY	ST.FRANCIS DE SALES COLLEGE
	Opportunities in VLSI and EmbeddedSystems Design	Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY
	Solid State Drives	MOHAMED SATHAK AJ COLLEGE OF ENGINEERING
	Start with an Idea	Nirmala Memorial Foundation College of Commerce and Science
	Introduction to Securities Market, Initial Public Offering & Mutual Fund Investing	Badruka College of Commerce & Arts
	Aerospace Nano Particles	JAGANNATH INSTITUTE OF TECHNOLOGY
	Basics of Charging of Electrical Vehicles(E-CAD/CAM)	JAGANNATH INSTITUTE OF TECHNOLOGY
	Big Data Analytics	JAGANNATH INSTITUTE OF TECHNOLOGY
	Industrial Robotics	JAGANNATH INSTITUTE OF TECHNOLOGY
	Job Title Normalization using Bert Embedding and its impact over job Recommendation	Dr.AMBEDKAR INSTITUTE OF TECHNOLOGY
	Introduction to Low Probability of Intercept Radar Sytems	The Institute of Electronics and Telecommunication Engineers
	Exploring Realtime Technology	MOHAMED SATHAK AJ COLLEGE OF ENGINEERING
Mr.Kanugu Ram Mohan Rao, Assoc. Professor	RECENT RESEARCH TRENDS IN DATA SCIENCE	IETE Hyderabad Centre
	ABALA to SABALA	IETE Hyderabad Section
	"Universal Human Values in Higher Education"	SADHU VASWANI AUTONOMOUS COLLEGE

Mr.KRISHNAVENI GODDU Asst. Professor	Women empowerment	Sri jagadguru renukacharya college of science,arts and commerce
	Women empowerment"under the umberella of pink exploring feminism"	DAV institute of management
Mrs. PRATHYUSHA V	Usage of technology for social challenges	IETE, Hyderabad
Ms. DEEPIKA RATHOD BHUKYA Asst. Professor	Teachers in Digital Times: Makers of a New Education System	ST. Francis De Sales College, Nagpur.
	One India Best India ( Ek Bharat Shrestha Bharat)	ST. Francis De Sales College, Nagpur.
	Transforming Nation through Women Empowerment	Bundelkhand Institute of Engineering and Technology, Jhansi, UP.
Mrs.P. Mamatha Asst. Professor	Chemistry IWSC	ACT
	An outreach program on machine learning	Hyderabad Institute of technology
	CAD	JIT
	Recent Research Trends in data science	Sri indu college of engineering and technology
	Intellectual Property	Mooji Jaithar college
	Abala to sabala	IETE

Dr. P. Mukunthan, Professor	Guest Lecture on "How to start a Product Development?" & "How to write a good Research Paper"	Research and Development Cell and Institution Innovation Council, SICET
	IRIS Dataset using KNN algorithm	Sri Indu College of Engineering and Technology
	Patent Commercialization Methods and Strategy	Francis Xavier Engineering College
	Insights of National Education policy	Dr. Ambedkar Institute of Technology, Bengaluru
	National Education Policy 2020	MCM-MQI College of Management, Bengaluru.
	Introduction to Low probability of Intercept Radar Systems	IETE, Hyderabad
	Innovations in Online teaching, Learning and Evaluation	Karunya Institute of Technology and Sciences, Coimbatore, Tamilnadu
Mrs. PASULA MAMATHA, Asst. Professor	Post pandemic future	Sri Indu college of engineering and technology
	Opportunities and challenges in 6G wireless Technology	NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE
	Implications of national education policy 2020 for higher education in India	IETE
	Effect of Neurofeedback training on Response conflict	Dr. Ambedkar Institute of Technology
	Complexity and excitement of Aerospace control	Dr. Ambedkar Institute of Technology
Mr. Polagani Srinivas Asst. Professor	A Simplified Solution to Determine Switching Angles for Effective Control of Total Harmonic Distortion in Multilevel Inverters	REVA UNIVERSITY
	E-resource of NDLI	National Digital Library of India Bhavan's Vivekananda College
	Recent research trends in data science	IETE HYDERABAD CENTER
Mrs. PRATHYUSHA V Asst. Professor	Role of a teacher in present education system	IETE
	Education, civil rights & journalism	ITM University
	Efficiency of machine learning algorithm in solving complex problems	IETE
	Post pandemic future	Sri Indu college of engineering & technology
	Fun network	Sri Indu college of engineering & technology
	Implications of national educational policy 2020 higher education in India	IETE
	Strategies for supporting mental health at work place	Dr. MGR Educational & Research Institution

	Using AI/ML to improve customer experience	Kanpur Institute of Technology
	Sustainable chemistry	ACT, TIFR Mumbai
	Effective teaching through online: learners perspective	Ponkalamman college of education
	E-Resources of NDLI	Bhavan's Vivekananda College
	Uses of oxygen for improvement in patients	IETE
	VLSI physical design using Mentor Graphics EDA tools	CoreEL technologies and Mentor
	ABALA TO SABLA	IETE, HYDERABAD
	How to start a career in machine learning & artificial intelligence	SICET, IBP
	Intellectual property - know your rights concepts and overview of IPR	Sadhu Vaswani Autonomous College
	Autonomous vehicles the future of transportation	ST. PHILOMENA'S COLLEGE, MYSORE
	Innovations in science and technology	Narsamma Arts, Commerce and Science College



	An outreach program on machine learning for exploration & production	Hyderabad institute of technology and management
	Career opportunities for mechanical students CAD/CAM	Jaganath institute of technology
	Importance of skill development in entrepreneurship & employment	Jagannath institute of technology
	Aerospace nano particles	Jagannath institute of technology
	Small home automation system using MIP App INVENTOR 2	Jagannath institute of technology
	Basics of charging of electrical vehicles (ECAD/ECAM)	Jagannath institute of technology
Mrs.S.Ashalatha Asst. Professor	Recent trends in data sciences	IETE
Mrs.SANDHYA BOLLA Asst. Professor	AI BASED OBJECT DETECTION	PANTECH E LEARNING
	HOW TO WRITE A BOOK	MAAHIYA RESEARCH LABS and ESN Publications
	POST PANDEMIC FUTURE	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY IN SHERIGUDA
	FUN NETWORK	SICET
	IMPLICATIONS of EDUCATION POLICY 2020 FOR HIGHER EDUCATION IN INDIA	IETE, HYDERABAD
	INTERNET OF THINGS USING ARDUINO	PANTECH SOLUTIONS
	FLUTTER	PANTECH SOLUTIONS
	EFFECTIVE TEACHING THROUGH ONLINE THE LEARNERS PERSPECTIVE	PONKALIAMMAN COLLEGE OF EDUCATION, CHENNAI
	AUTOMATED BRAIN TUMOR SEGMENTATION USING MULTI MODAL BRAIN SCAN	PANTECH SOLUTIONS
	WIND ENERGY POWER CONVERSION	PANTECH E LEARNING
	ACADEMIC WRITINGS DOS AND DONTs	NEHRU ARTS, SCIENCE, BBA, BCA COLLEGE AND PG CENTER KARNATAKA
	WOMEN EMPOWERMENT	NPIU
	HAMARA TEJAS-Indias own 4th Gen fighter	Dr.AMBEDKAR INSTITUTE OF TECH
	EMBEDDED VISION In IOT for Multiview video summarization	PANTECH E LEARNING
	ARTIFICIAL INTELLIGENCE-AN INTELLIGENT INFORMATION TOWARDS A SMARTER WORLD	SADAKATULLAH APPA COLLEGE, TAMILNADU
	ARTIFICIAL INTELLIGENCE and MACHINE LEARNING	PANTECH SOLUTIONS
	EMERGING DYNAMICS IN THE MIDDLE EAST AND INDIAS OPTION	LOVELY PROFESSIONAL UNIVERSITY, PUNJAB
	EDUCATION, CIVIL RIGHTS AND JOURNALISM	ITM UNIVERSITY, JAIPUR
	ROLE OF TEACHER IN PRESENT EDUCATION SYSTEM	IETE
	HOW TO START CAREER IN MACHINE LEARNING AND ARTIFICIAL INTELLIGENCE	SICET
	RAILWAY SIGNALING AND Trai traffic controller	MIT COLLEGE OF RAILWAY ENGINEERING
	ONE INDIA BEST INDIA ON INDEPENDENCE DAY	ST.FRANSIS DE SALES COLLEGE, NSGPUR, MAHARASHTRA
	SUSTAINABLE CHEMISTRY	IWSC-2021 ACT TIFR MUMBAI
	ARTIFICIAL INTELLIGENCE AND DATA ANALYTICS	SRI JAGADGURU RENUKACHARYA COLLEGE OF ARTS, SCIENCE AND COMMERCE
	WOMEN EMPOWERMENT	SRI JAGADGURU RENUKA CHARYA COLLEGE OF SCIENCE, ARTS AND COMMERCE
	INSIGHTS OF EDUCATIONAL POLICY	DR AMBEDKAR INSTITUTE OF TECH

Mrs.SANDHYA BOLLA Asst. Professor	USES OF OXYGEN FOR IMPROVEMENT IN PATIENTS	IETE
	SMALL HOME AUTOMATION SYSTEM	JAGANNATH INSTITUTE OF TECHNOLOGY
	6G TECHNOLOGY	VISHNU INSTITUTE OF TECHNOLOGY
	YOUTH EMPOWERMENT FOR SWATCH BHARAT	ST.Fransis de sales college
	INTRODUCTION TO BLOCK CHAIN TECHNOLOGY	IETE
	Importance of skill development in ENTERPRENUERSHIP and Employment	JAGANNATH INSTITUTE OF TECHNOLOGY
	Career opportunities for mechanical	JAGANNATH INSTITUTE OF TECH
	AEROSPACE FOR NANO PARTICLES	JAGANNATH INSTITUTE OF TECH
	BASICS OF ELECTRICAL VEHICLES(ECAD/CAM)	JAGANNATH INSTITUTE OF TECH
	BIG DATA ANALYTICS	JAGANNATH INSTITUTE OF TECH.
	INTRODUCTION TO LOW PROBABILITY OF RADAR SYSTEMS	IETE
Mrs. Somisetti Ashalatha Asst. Professor	Communication technologies for IoT	IETE
	Aerospace nanoparticles	Jagannath Institute of Technology
	Novel Application of LED'S a fillip to Appliance Industry	IETE, Hyderabad
	Intellectual property-know your rights	Sadhu Vaswani autonomous college,
	Usage of technology for social challenges	IETE Hyderabad Center
Mrs. SWATHI SINGANABOINA Asst. Professor	Recent Trends in Computer Technology and Information science	NILKANTHRAO SHINDE SCIENCE AND ARTS COLLEGE
	Microwave Integrated Circuits	NPTEL
	AI/ML to improve customer Experience	KANPUR INSTITUTE OF TECHNOLOGY
	INTRODUCTION TO RADAR SYSTEMS	IETE, HYDERABAD
	Insights of National Education Policy (NEP)	Dr.AMBEDKAR INSTITUTE OF TECH
	Small Home Automation System	Jagannath Institute Of Technolgy
	Innovations in science and technology	Narsamma Arts and commerce college
	An Outreach Program on Machine Learning for Exploration and Production	HITAM in association with CSI and IEEE - Student Branch
	Opportunities in VLSI and Embedded system design	Dr.AMBEDKAR INSTITUTE OF TECH
	Big Data Analytics	Jagannath Institute of Technology
	Industrial Robotics	JAGANNATH INSTITUTE OF TECH
	Introduction to low probability of intercept RADAR Systems	IETE , Hyderabad
	Intellectual Property Rights (IPR)	School of Physical Sciences, KCE Society's Moolji Jaitha College, Jalgaon
	Embedded Technologies for modern RADAR Systems	IETE, Hyderabad
Dr. P.Subash Professor	Mobile phone design and Android OS	kings College of Engineering, Tamil nadu
	Opportunities for Engineers and Expectations from Industry	Baselios Mathew II College of Engineering. Kollam
	Characteristics of an Excellent Teacher in Today's Context	Baselios Mathew II College of Engineering. Kollam
	Basics of fire and safety Engineering	Noorul Islam College of Engineering , Kumaracoil.

Mr.Thirumal reddy Asst. Professor	USING AI/ML TO IMPROVE THE CUSTOMER EXPERIENCE	KIT
	Recent trends in computer technology and information science	NSSAC
	Introduction to Radar Systems	IETE
	Embedded technologies for modern Radar Systems	IETE
	Insight of National Educational Policy	AIT
	Low probability or intercept Radar Systems	IETE
	NOVEL APPLICATION OF LED	IETE



## Faculty attended Skill Development Programs in 2021

NAME	TOPIC	ORGANIZED INSTITUTION
Dr.G.Suresh, Professor	Innovation Ambassador training (Advanced Level)	MoE's Innovation Cell & AICTE
Ms.DEEPIKA RATHOD BHUKYA Asst. Professor	MASTER CLASS ON EV DESIGN USING MATLAB (5 DAYS)	Pantech Solutions
	Master class on Data Analytics (30 Days)	Pantech Solutions
	100 Days of Yoga on " Yoga for Unity and Well Being"	Yoga for Unity and Well Being in association with Ministry of Ayush
	FULL STACK WEB DEVELOPMENT	Finland Labs, New Delhi.
	MASTER CLASS ON EMBEDDED SYSTEM DESIGN and IOT(30 DAYS)	PANTECH SOLUTIONS
Mr.EI PARUSHA RAMU Asst. Professor	Innovation Ambassador training	MoE's Innovation Cell & AICTE
Mrs.PRATHYUSHA V , Asst. Prof.	Technology based entrepreneurship development program	Sumati Reddy institute of technology for women
SANDHYA BOLLA Asst. Professor	30 days training on MATLAB	PANTECH SOLUTIONS
	EV DESIGN USING MATLAB	PANTECH SOLUTIONS
	TWODAY BOOTCAMP ON RPA USING BLUE PRISM	CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGY
	MASTER CLASS ON DATA ANALYTICS	PANTECH SOLUTIONS
	ENTERPRENUERSHIP TRAINING PROGRAM	TEDP SUMATHI REDDY INSTITUTE TECHNOLOGY FOR WOMEN

## Faculty attended workshops in 2021

Dr.G.Suresh, Professor	NPTEL E-Awareness Workshop	NPTEL, IIT Madras
	Program Design Concept based on OBE- Criteria 1 of NAAC	InPods, Pune
	Workshop on Understanding and Filing Intellectual Property Rights	Scrollwell EduTech LLP
	CYBER SECURITY	School of IT, JNTUH
	Workshop on Making Classes and Lessons Interactive	Managerial Society, Department of Humanities and Management, Dr. B R Ambedkar National Institute of TechJalandhar
Dr N C Sendhilkumar, Professor	Workshop on Cybersecurity	JNTUH
DR.H.JOSEPH PRABHAKAR WILLIAMS, Professor	ONE DAY NATIONAL LEVEL WORKSHOP ON INTELLECTUAL PROPERTY RIGHTS (IPRs)	GATES INSTITUTES OF TECHNOLOGY, GOOTY, ANDHRA PRADESH
Dr.P.Ramesh Professor	NPTEL E-Awareness workshop	NPTEL
	IRIS dataset using KNN algorithm	Pantech Elearning
	E-waste: awareness and its management	Science College, Nanded (UGC-CPE)
	CYBER SECURITY & FORENSICS	JNTU Hyderabad
	"CYBER SECURITY & FORENSICS"	JNTUH, Hyderabad, Telangana State., 10 day
	National Youth Council of India REACT JS	organized by Brainovision Solutions India
	Machine Learning & IoT Applications	AICTE- ISTE sponsored Induction/Refresher Programme Organized SICET
	Patent Commercialization Methods and Strategy	organized by Patent Information Center, Francis Xavier Engineering College, Tirunelveli, 2021

Mr.ADIBOINA VENUGOPAL Asst. Professor	NPTEL E- Awareness	NPTEL
Ms.DEEPIKA RATHOD BHUKYA Asst. Professor	Research Methodology	Shri Muktanand College, Gangapur,
	Advance Teaching, Learning, Research Methodology and Innovations	ST. Francis De Sales College, Nagpur,
	Data Analytics in Management Sciences using SPSS	ICSSR-SRC, GNITC, HYDERABAD.
	NPTEL E-Awareness Workshop	NPTEL IIT, MADRAS.
	IPRs for Management Institutions	IBMR in association with AIMS
	5 Day Online Workshop on Linux	Vellore Institute of Technology,
	Hands-on Workshop – Arduino Applications for Young Scientists	SICET
	International Yoga Day	ST FRANCIS DE SALES COLLEGE, Nagpur,
	TEQIP-III Sponsored Five Days Workshop on "Cloud Computing and its Applications"	Arya College of Engineering and Research Centre, Jaipur, Rajasthan.
	Robotic Process Automation Design and Development	ST. Francis De Sales College, Nagpur.
	Workshop on Drone	TIHAN IIT HYDERABAD
	E Investment Awareness Program	Global Education Centre in Collaboration with SEBI- IPEF
	Investor Awareness Program on Securities Market	Nishitha Degree College in association with IQAC under SEBI
	5 Days workshop on 8051 Architecture	SKILL APSSDC and Pantech Solutions
	CYBER SECURITY	School of Information Technology (Autonomous) JNTUH, HYDERABAD.
	Intellectual Property Right (IPR)	ST. Francis De Sales College, Nagpur.
	Workshop on Making Classes and Lessons Interactive	Dr. B R Ambedkar National Institute of Technology, Jalandhar.
	Introduction to Time Series in Research	Shasun Jain College for Women, Chennai.
Mr.DENDHI THIRUMAL REDDY Asst. Professor	Arduino applications for young scientist	Sri indu S hub
	NPTEL E AWARENESS	IIT MADRAS
Mrs.G Sravanthi Asst. Professor	Cloud computing and it's applications	Aryan college of engineering &research
	Data analytics in management sciences using spss	Sri Indu college of engineering and tech.
	Vlsi physical design using mentor graphics EDA tools	Sri Indu college of engineering and tech.
	E-awareness workshop	NPTEL
Mr.GONUGUNTA RAJ KUMAR Asst. Professor	Research Methodology	Shri Muktanand College Gangapur Dist.
	NPTEL E-Awareness workshop	IIT Madras
	Role of Non-teaching in NAAC Accreditation	MUNGASAJI MAHARAJ MAHAVIDYALAYA
	Hand-On Practice on Different Tools Used in Chemistry	Shri Rajendra Suri Govt. College Sardarpur-Rajgarh
	Python with Django	KARMAVEER BHAURAO PATILCOLLEGE
Mr.KANUGU RAM MOHAN RAO, Assoc. Professor	NPTEL E- Awareness Workshop	NPTEL- IIT Madras
Mrs.KRISHNAVENI GODDU , Asst. Professor	Data analytics in management sciences using spss	Gurunanak institutions technical campus
Ms. DEEPIKA RATHOD BHUKYA Asst. Professor	Intellectual Property Rights	G.T.N. Arts College, Dindigul, Chennai.
Dr. N. Tamlarasan, Professor	Cyber security and Forensics	JNTUH
Mrs.P. Mamatha Asst. Professor	Intellectual data exploration &Analysis	Arya college of engineering and technology
	Cloud computing	Arya college of research campus
	Research Methodology	Shri Muktanand college



	IoT	IETE
	Cyber security	Jntuh
	NPTEL Awareness workshop	SICET
Dr.P.Mukunthan, Professor	Cyber Security & Forensics	JNTUH
Mr. Polagoni Srinivas Asst. Professor	NPTEL AWARENESS WORKSHOP	NPTEL COORDINATOR IIT MADRAS
Mrs.PRATHYUSHA V, Asst. Professor	Arduino applications for young scientists	SICET
	Iris dataset using KNN algorithm	Pantech e-learning
	NPTEL E-awareness workshop	SICET, IBP
	AI & machine learning	SRM institute of science and technology
Mrs. S.Ashalatha Asst. Professor	NPTEL awareness program	NPTEL
Mrs.SANDHYA BOLLA, Asst. Professor	RESEARCH METHODOLOGY	SRI MUKTANAND COLLEGE GANGAPUR DISTRICT, MAHARASHTRA
	ADVANCE TEACHING LEARNING RESEARCH METHODOLOGY INNOVATIONS	SR FRANSIS DE SALES COLLEGE
	IRIS DATASET USING KNN ALGORITHM	PANTECH E LEARNING
	T-TEST FOR RESEARCH DATA ANALYSIS	SHASUN JAIN COLLEGE FOR WOMEN
	YOGA FOR UNITY AND WELL BEING 100 DAYS PROGRAM	HEARTFULNESS
	National yoga workshop	ST.FRANSIS DE SCHOOL
	DO-A-THON	Pantech SOLUTIONS
	TOOLS FOR DIGITAL TEACHING	SANSKRITI SCHOOL OF BUSINESS
	INTELLECTUAL PROPERTY RIGHTS	GTN ARTS COLLEGE, DUNDIGAL
	DATA ANALYTICS	PANTECH SOLUTIONS
	IOT USING AZURE COMPUTING	PANTECH E LEARNING
	NPTEL E-AWARENESS WORKSHOP	NPTEL SICET, IBP
	THE GROWING ROLE OF IOT IN COVID 19 and HEALTH CARE	G.S. INSTITUTE OF TECHNOLOGY AND SCIENCE, INDORE, MP
	LINUX	VIT
	FORECASTING MODELS IN RESEARCH	SHASUN JAIN COLLEGE FOR WOMEN
	LITERATURE REVIEW AND THEORETICAL FRAMEWORK	IQAC SHASUN JAIN COLLEGE FOR WOMEN
	Embedded systems design and IoT	PANTECH SOLUTIONS
Mrs. Somiseti Ashalatha , Asst. Professor	Women entrepreneurship development program	Kuppam Engineering College
Mrs. Swathi singanaboina, Asst. Professor	Research Methodology	Shri Muktanand college, Gangapur, Aurangabad, State
Mrs.SWATHI SINGANABOINA, Asst. Professor	NPTEL E-Awareness workshop	NPTEL

### STUDENT ACHIEVEMENTS:

- **Mr.B.Bhanu Prakash** Participated in Rishi's Senior State level open chess Tournament- 2021 , held at Rishi MS Institute of Engineering & Technology, Hyderabad from 27-12-2021 to-28-12-2021.
- **1095 Students Completed Online Certificate Courses from COURSERA, Reputed foreign Universities.**

### PARTICIPATION IN WORKSHOPS/SEMINARS/HACKTHONS BY STUDENTS

- **Mr.E.SHARAN KUMAR**, 3<sup>rd</sup> year and **Mr.B.PAVAN**, 2<sup>nd</sup> year presented a seminar on the occasion of NATIONAL POLLUTION CONTROL DAY ON 2ND DEC 2021 and received best performers Award in seminar presentation.
- **Ms.N.KAVYA** , **Ms.SHIVANI** 2<sup>nd</sup> year and **Ms.V.HEMANTH**, 3<sup>rd</sup> year presented a seminar on the occasion of International Anti-Corruption Day on 9th Dec 2021 and received best performers Award in Seminar presentation.
- **Mr.KOPPU NIKHIL KUMAR, 18D41A04A6** participated one week Training Programme on **"Skill Development on JAVA"** held from 24-04-2021.

## INTERNSHIPS

The following students completed Internship Programm during February and March 2021

S.No	Hall Ticket Number	Name of the student	Internship Organization	Domine
1	18D45A0426	B Monish reddy	TLC Industrial Equipments	Embedded System
2	17D41A0463	Karthik edara	TLC Industrial Equipments	Embedded System
3	17D41A0465	G. Poojitha	TLC Industrial Equipments	Embedded System
4	17D41A04H8	R.Ajay	TLC Industrial Equipments	VLSI
5	17D41A04L2	S.Vaishnavi	TLC Industrial Equipments	VLSI
6	17D41A04G7	p.vamshi	TLC Industrial Equipments	VLSI
7	17D41A04L1	T.Siva Pranam	TLC Industrial Equipments	VLSI
8	17D41A04M6	Thirumala Sresta Goud	TLC Industrial Equipments	Image and Video processing
9	17D41A04P2	Kunta Rohini Reddy	TLC Industrial Equipments	Image and Video processing
10	17D41A04N1	V. Harshitha	TLC Industrial Equipments	Image and Video processing
11	17D41A04A3	K PAVAN KUMAR	TLC Industrial Equipments	Image and Video processing

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### PROJECT EXPO - 2021

Students implemented several applications like “Ganitham Guru” (an android app), “Student Management system” (student website) and Humanoid Robot etc. students participated their innovations and exhibited during the event from 20-12-2021 to 26-12-2021.



### PROJECT EXPO - 2021



Students demonstrating the advantages of android app





### FACULTY PUBLICATIONS

- **Dr.Mugunthan S R**, Associate Professor, published a paper titled “A Reliable Significant Message based Ranking Algorithm for Online Social Networks” Scopus-Indexed IEEE International Conference on Artificial Intelligence and Smart Systems ICAIS 2021, IEEE Xplore Part Number: CFP21OAB-ART; ISBN: 978-1-7281-9537-7, 2021.
- **Dr.Mugunthan S R**, Associate Professor, published a paper titled “Design of Improved Version of Sigmoidal Function with Biases for Classification Task in ELM Domain” in Journal of Soft Computing Paradigm, ISSN: 2582-2640 (online), Vol.03/ No.02, 2021, PP: 70-82.
- **Dr. S. R. Mugunthan**, Associate Professor, published a paper titled “Wireless Rechargeable Sensor Network Fault Modeling and Stability Analysis” in Journal of Soft Computing Paradigm, ISSN: 2582-2640 (online), Vol.03/ No.0, 2021 PP: 47-54.
- **Dr. S.R Mugunthan**, Associate Professor, published an article titled “ False Data Detection in Smart Grid using Artificial Intelligence” in Journal of Electrical Engineering and Automation, ISSN: 2582-3167, Vol.03/ No.01 Pages: 24-33, 2021.
- **Dr. K Gurnadha Gupta**, Asst. Professor and **Dr. T Kumaresan**, Associate Professor, published a paper titled “Efficient Identification of Lung Cancer on Computed Tomography Images by using Methodology Classification based on Deep Learning” in International Journal of Engineering Research & Technology, ISSN: 2278-0181, Volume 9, Issue 5, Special Issue – 2021, PP90-95.
- **Mrs. E.Pavithra** and **Mrs. C. Divya** Asst. Professors published an article titled “A Review On Artificial Intelligence In Education System” in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XIII, Issue I, January/2021, PP 1390-1394.
- **Mrs B. Gayathri** and **Mr G. Nata Raja Shekhar**, Asst. Professors published a paper titled “Evolution of Modern Computing In A Smart Manufacturing Service System by Edge, Fog, Iot, Cloud” in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XIII, Issue I, January/2021, PP1400-1404.
- **Mr.G.Natraj Shekar**, Asst. Professor published a paper titled “A Secure Searchable Encryption Framework for Privacy Critical Cloud Storage Services” in JOURNAL OF RESOURCE MANAGEMENT AND TECHNOLOGY, ISSN NO: 0745-6999, Vol12, Issue1, 2021, PP 491-497.
- **Mr.A.Sudheer, Mr.Md.Saleem Ahmed, Mrs.C.Divya**, Asst. Professor, published a paper titled “HealthDep: An Efficient and Secure Deduplication Scheme for Cloud-Assisted eHealth Systems” in Science, Technology and Development, ISSN : 0950-0707, Volume X Issue IV APRIL 2021, PP 243-249.
- **Mr.B.Suresh, Mr. K.Anjaneyulu, and Mr K.Krishna** Asst. Professors published a paper titled “A Three Layer Privacy Preserving Cloud Storage Scheme Based On Computational Intelligence in Fog Computing” in A Journal Of Composition Theory, ISSN : 0731-6755, Volume XIV, Issue IV, APRIL 2021, PP 160-168.
- **Mr.Y.Raju, Mrs. M. Sampoorna and Mr. K. Mahesh Kumar**, Asst. Professors published a paper titled “Access Control by Signature-Keys to Provide Privacy for Cloud and Big Data” in Science, Technology and Development, ISSN : 0950-0707, Volume X Issue IV APRIL 2021, PP 234-242.
- **Dr.T.Charan Singh**, Professor, **Mrs. R. Sowmya and Mr.A.Sandeep**, Asst. Professors published a paper titled “Combining Data Owner-Side and Cloud-side Access Control for Encrypted Cloud Storage” in A Journal Of Composition Theory, ISSN : 0731-6755, Volume XIV, Issue IV, APRIL 2021, PP 169-175.
- **Mr.D.Prashanth, Mr.A. Laxman, Mrs.M.Swathi Reddy**, Asst. Professors published a paper titled “Crime Analysis Using Data Mining Techniques and Algorithms” in JOURNAL OF RESOURCE MANAGEMENT AND TECHNOLOGY, ISSN NO: 0745-6999, Vol12, Issue2, 2021. PP 101-106.
- **Ms. A. Ashwini and Ms. K. Vijaya Lakshmi**, Asst. Professors published a paper titled “A Human Level AI Agents in Artificial Intelligence and Virtual worlds” in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020,PP:2542-2547.
- **Mrs. B.Gayathri , Mrs. B. Surekha, Mrs. B. Navya** Asst. Professors published a paper titled “A survey on Migration-Based Dynamic and Practical Virtual Streaming” in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020.
- **Mrs. B. Gayathri**, Asst. Professor published a paper titled “Cloud and Fog Computing: Virtual Network Cross-Site” in PENSEE, ISSN NO:0031-4773, ISSUE 12 2020, PP: 1407-1412.
- **Dr.Mugunthan S R**, Associate Professor, published a paper titled “ Decision Tree Based Interference Recognition for Fog Enabled IOT Architecture” in Journal of trends in Computer Science and Smart technology, ISSN: 2582-4104, Vol.02/ No. 01, 2020, PP:15-25.

- **Dr.Mugunthan S R**, Associate Professor, published a paper titled “Novel Cluster Rotating and Routing Strategy for software defined Wireless Sensor Networks” in Journal of ISMAC, ISSN: 2582-1369 (online), Vol.02/ No.03 Pages: 140-146.

### **PATENTS: – FILED AND PUBLISHED**

- **Dr. Narasimha Chary CH**, Assoc. Professor, Invented “A NEUROMORPHIC SYSTEM FOR INTEGRATING A MODULAR PIECES OF AN ASSEMBLY” Application Number 202121019690A, Published on 29/04/2021 in IPR India.
- **Dr.Sampath Korra**, Professor, Invented “DESIGN OF CRYPTO-BASED PSEUDO RANDOM NUMBER GENERATOR” Application Number 202141010069, Published on 19/03/2021 in IPR India.
- **Dr.Sampath Korra**, Professor, Invented “AN AUTOMATED FRAMEWORK FOR SOFTWARE REDESIGN OF COMPONENT BASED SERIAL CODE TO PARALLEL CODE FOR GPU PROCESSOR” Application Number 202141005860, Published on 19/02/2021 in IPR India.
- **Dr. S R Mugunthan**, Assoc. Professor, Invented “AN ARTIFICIAL INTELLIGENCE BASED HEART RATE MONITORING SYSTEM FOR SPORTS TRAINING” Application Number 2021101272, Published on 21/04/2021 in IP Australia.

### **BOOKS CHAPTERS**

- **Dr. T. Charan Singh**, Professor, contributed book chapter “Machine Learning for Beginners” ISBN: 978-81-952459-2-5, South Asian Academic Publications.
- **Dr K Gurnadha Gupta** and **Mrs.C Divya** Asst. Professors, Published a book “DATA WAREHOUSE AND DATA MINING” ISBN 938786590-8, FORSCHUNG PUBLICATIONS.
- **Dr. P.Subramanian**, Professor, contributed book chapter “Recurrent Neural Network (RNN) for object detection using image processing techniques” book title Machine Learning and Applications. ISBN 978-93-86923-47-9, Dipti press Pvt.Ltd.

### **WORKSHOPS/CONFERENCES/FDPs BY FACULTY**

- **Dr. T. Charan Singh**, Professor attended FDP on “NBA accreditation process and SAR file preparation” at Anurag university, Hyderabad.
- **Dr. Ch Narsimha chary**, Professor attended FDP on “Cyber security of blockchain” at GNITC, Hyderabad.
- **Dr. T. Kumaresean**, Professor, attended FDP on “Cyber security and crypto analysis and security for physical infrastructure” at GNIT, Hyderabad.
- **Dr. S. Vijayanagan**, Professor, attended FDP on “Research methodologies –application of statistical tools for design making” at Marudhar kesari jain college for women, Tamilnadu

- **Dr. N. Sadhasivam**, Professor, attended FDP on “Exploring real world application of blockchainTechnology” at K.L.N college of engineering, Tamilnadu.
- **Dr. C. Kotteeswaran**, Professor, attended FDP on “Airtificial intelligence in revolutionizing health care” at NIT, Ouducherry.
- **Dr. G. Gunashekar**, Professor, attended FDP on “Data science and deep learning” VTU Belageri.
- **Dr. S. Vijayarangam**, Professor, attended FDP on “NAAC new guidelines and importance of IQAC in post covid time for affiliated colleges” at Kam college of arts and science, Vellore.
- **Mrs. C. Divya**, Asst. Professor, attended FDP on “Advancement in technologies – a research perspective” at Anurag University, Hyderabad.
- **Mr. B.Suresh**, Asst. Professor, attended FDP on “Internet of Things (IOT)” at Anurag University, Hyderabad.
- **Mrs. A. Rangamma**, Asst. Professor, attended FDP on “Python programming” CBIT, Hyderabad.
- **Mrs. K.Raju**, Asst. Professor, attended FDP on “Assistive technology” at PSNA college, Tamilnadu.
- **Mrs. A. Chitty**, Asst. Professor, attended FDP on “Data science and Machine Learning” SR University, Telangana.

### **STUDENTS ACHIEVEMENTS:**

- **Ms. K. Manasa**, III year, Participated in paper presentation and secured 1st prize
- **Ms. Anitha**, III year, Participated in Technical Quiz competition and received 2<sup>nd</sup> prize.

### **SWAYAM-NPTEL**

- **Ms.Ch.Janani**, HT.No.18D41A0551 and **Ms. Bokku shivani**, HT.No. 18D41A0540 completed SWAYAM NPTEL online course received **Elite+Silver Certificate and Elite** respectively in March, 2021.
- **928 Students Completed Online Certificate Courses from COURSERA from Reputed foreign Universities.**

### **PARTICIPATION IN HACKTHONS BY STUDENTS**

- **Mr. M.Uttej**, IV year, participated in Smart India Hackathon event
- **Mr. Mr T shiva**, Participated in hackathon work Shop.
- **Ms. Y.Shivani**, participated in “National Level Quiz Contest” during the celebration of National Youth Skill Day-2021, organized by Incubation Cell in collaboration with Institution’s Innovation Council of SICET.
- **Ms. Busireddy Varsha**, participated in the National webinar on “Psychological Wellness – Illness of Youth” during the celebration of National Youth Skill Day-2021 organized by IPR Cell in collaboration with Institution’s Innovation Council, SICET.



## Social Entrepreneurship Business Plan Implementation Competitions

- **Mr. R. RAHUL**, and **Mr.V. SAINATH**, presented a PPT on “**Land slide monitoring through drones**” in Implementation in social entrepreneurship, swachhataand rural engagement 25th March 2021, organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Govt. of India.
- **Ms.T.Niha** and **Ms.A.Sravani**, presented a PPT on “Smart Agriculture electronic module for effective forming of the farmers” ” in Implementation in social entrepreneurship, swachhataand rural engagement 25th March 2021, organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Govt. of India.
- **Ms. G. HARINI** and **BINDU BHARGAVI** , presented a PPT on “SPYC- I CAN CATCH HIDDEN CAMERA DETECTION” in Implementation in social entrepreneurship, swachhataand rural engagement 25th March 2021, organized by Mahatma Gandhi National Council of Rural Education, Department of Higher Education, Ministry of Education Govt. of India.

## INDUSTRIAL VISITS



**Students selected in Campus Placements**



## FACULTY ACHIEVEMENTS:

### Faculty attended FDP/STTP/Refresher Program in 2021

FACULTY NAME & Designation	TOPIC	ORGANIZED INSTITUTION
Dr. T. Charan Singh Professor	“INTELLIGENT SYSTEMS FOR SUSTAINABLE DEVELOPMENT ”	St. Peters Institution
Dr.Narasimha Chary CH, Associate Professor	Application of Machine Learning & Data Science in the Emerging Areas	Vidya Jyothi Institute of Technology
	IOT	GNIT
	AI	SNIST
	Quantum computing	ACE Engineering College
Dr GURNADHA GUPTA K Assoc. Professor	FDP ON ARTIFICIAL INTELLIGENCE II	Sreenidhi Educational Group
	Application of Machine Learning & Data Science in the Emerging Areas	Vidya Jyothi Institute of Technology (Autonomous)
	QUANTUM COMPUTING	ACE ENGG COLLEGE
	Sensor Networks, Internet of Things and Internet of Everything	ST'MARTIN ENGG COLLEGE
Mrs. M.Sampoorna, Asst. Professor	Internet of Things(IoT): Challenges and Applications	Guru Gobind Singh Indraprastha University University School of Information,
	exploring real world applications of block chain technology with machine learning	k I n college of engineering
	“ONE WEEK STTP ON DEEP LEARNING TECHNIQUES FOR ELECTRONIC HEALTH RECORD ANALYSIS”	Malla Reddy Engineering College for Women
	“Application of Machine Learning & Data Science in the Emerging Areas”	Vidya Jyothi Institute of Technology
	opportunity and research trends in WC	GNIT

Mrs. R.SOWMYA, Asst. Professor	Machine Learning for All	KSRM College of Engineering
	Opportunity, Challenges and Research Trends in WC (Wireless Communication)	Guru Nanak Institutions Technical Campus
	Exploring Real World Applications of BlockChain Technology with Machine Learning Models (Series -1)	K.L.N. College of Engineering
	ONE WEEK STTP ON DEEP LEARNING TECHNIQUES FOR ELECTRONIC HEALTH RECORD ANALYSIS	Malla Reddy Engineering College for Women
	Application of Machine Learning & Data Science in the Emerging Areas	Vidya Jyothi Institute of Technology (Autonomous)
	SEMANTIC WEB	RV Institute of Technology and Management
	Multi Technology	Vignan Institute of Engineering for women
Dr.Sampath Korra Professor	IPR & Fundamentals of Patent Filing - Prosecution	BVRIT, Narsapur, Hyderabad
Mrs.M SAMPOORNA Asst. Professor	IoT and cloud computing	KC College of engineering and management
	"Advance Teaching, Learning, Research Methodology and Innovations"	ST. FRANCIS DE SALES COLLEGE
Dr.S.VIJAYARANGAM, Professor	Research Methodologies - Application of Statistical Tools for Decision Making	Marudhar Kesari Jain College for Women
Dr K Gunasekaran Professor	Research Perspective on Data science and Deep learning	New Horizon College of Engineering, Bengaluru
	Recent Innovations in Industrial Automation- a Boot Camp	Sri Venkateshwaraa College of Engineering and Technology, Puducherry
	Artificial Intelligence in Revolutionizing Healthcare	NATIONAL INSTITUTE OF TECHNOLOGY PUDUCHERRY, KARAICAL
	Two week International FDP on the Era of Change - Recent Advancements in terms of AI & IOT	SRM Institute of Science and Technology
	Data Analytics Tools and Visualisation	Chalapathi Institute of Engineering and Technology (Autonomous)
	Social and Bio-Inspired Cyber Threat Intelligence Defence System	Sree Vidhyanikethan Engineering College
	Drifts in Cyber Crimes	Sri Indu College of Engineering and Technology
	Emerging Research Advances and Trends in Intelligent Knowledge Engineering Systems	Sri Sai Ram Institute of Technology
	Emerging Technologies for Sustainable Development	Amity University
	NBA Accreditation Process and SAR preparation	Anurag University
	Trending Technologies in Computer Science	Dr MGR Educational and Research Institute
Mrs. E.pavithra Asst. Professor	Assistive technology	PSNA
	Trending technologies in computer science	Dr.M.G.R Eduactional and research institute
Mr. B. Suresh Asst. Professor	Trending technologies in computer science	Dr. M.G.R EDUCATIONAL AND RESEARCH INSTITUTE
Mrs.G.Swarnalatha Asst. Professor	Trending Technologies in Computer Science	Dr. M.G.R. Educational And Research Institute

### Faculty completed MOOC Courses from SWAYM, NPTEL and COURSERS in 2021

Mrs. B.NAVYA, Asst. Prof.	BIG DATA INTEGRATION AND PROCESSING	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
Mrs.Moddu Sampoorna Asst. Professor	Introduction and Programming with IoT Boards	Pohang University of science and technology
Dr K GURNADHA GUPTA Assoc. Professor	SQL	SOLOLERN
Mrs. R.SOWMYA Asst. Professor	Google Cloud Platform Fundamentals for AWS	Google Cloud and offered
	Introduction to Intel® Distribution of OpenVINO™	Intel and offered through Coursera
	Getting Started with AWS Machine Learning	Amazon Web Services
	Aruba Networking Basics	Aruba, a Hewlett Packard Enterprise company and offered through Coursera
Mrs. C DIVYA, Asst. Prof.	Introduction to Cloud Identity	Google Cloud and offered through Coursera
	Getting started with AWS and ML	Amazon Web Services



Mrs.Pavithra E, Asst. Prof.	AWS with machine learning	Amazon Web Services
Mrs. Kiranmai V. Asst. Professor	Getting started with AWE Machine Learning	Amazon Web Services
Mrs.RAGIPANI SOWMYA, Asst. Professor	How to Write a Resume (Project-Centered Course)	The State University of New York - Coursera
	Psychological First Aid	Johns Hopkins University- Coursera
	Sit Less, Get Active	The University of Edinburgh- Coursera
Mrs.B.SUREKHA, Asst. Professor	Getting started with AWS Machine Learning	COURSERA
	How to Write a Resume(Project Centered Course	COURSERA
	Psychological First Aid	COURSERA
	Introduction to Cloud Identity	COURSERA
Mrs.B Varija, Asst. Professor	Introduction intel distribution in of open VINO toolkit to for computer vision application	Coursera
	Mindfulness and well-beingliving with balance and ease	Coursera
Mrs,B. KAMESHWARI NAGA PRIYANKA, Asst. Prof.	Getting Started with AWS Machine Learning	Amazon Web Services
	Introduction to AWS Identity and Access Management	Coursera
	Aruba Networking Basics	Coursera
	How to Write a Resume (Project -Centered Course)	Coursera
	Build Your First Android App (Project -Centered course)	Coursera
	Introduction to Personal Branding	Coursera
	Exploring Emerging Technologies for Lifelong Learning and success	Coursera
	Introduction to Cloud Identity	Coursera
	Version Control with Git	Coursera
	Introduction to Intel Distribution of Open VINO toolkit for Computer Vision Applications	Coursera
	Migrating to Google Cloud	Coursera
	Psychological First Aid	Coursera
	Creative Thinking :Techniques and Tools for Success	Coursera
	Networking and Security Architecture with VMware NSX	Coursera
	Mindshift: Break Through Obstacles to Learning and Discover Your Hidden Potential	Coursera
	Sit Less, Get Active	Coursera
	Code Yourself! An Introduction to Programming	Coursera
	The Language of Design: Form and Meaning	Coursera
	Mindfulness and Well-being: Living with Balance and Ease	Coursera
	Private Equity and Venture Capital	Coursera
	Teamwork Skills: Communicating Effectively in Groups	Coursera
	Mindfulness and Well-being: Living with Balance and Ease	Coursera
	Introduction to Project Management with ClickUp	Coursera
	Compose and Program Music in Python using Earsketch	Coursera
	Build a Full Website using WordPress	Coursera
	Science of Exercise	Coursera
	Create a Resume and Cover Letter with Google Docs	Coursera
	Introduction to Google Docs	Coursera
	Communicating During Global Emergencies	Coursera
	Improve Business Performance with Google Forms	Coursera
	Create a Business Marketing Brand Kit Using Canva	Coursera

## Faculty attended Seminar/Webinar in 2021

Dr.N. Sadhasivam, Professor	NPTEL E-Awareness workshop	NPTEL , IIT
Mrs.K ANJANEYULU, Asst. Professor	Implementation on National Education policy-2020	JNTU
Dr K GURNADHA GUPTA, Assoc. Professor	Using AI / ML to Improve Customer Experience	Kanpur Institute of Technology
	Opportunities in VLSI and Embedded Systems Design	Dr. Ambedkar Institute of Technology, Bengaluru-56005
	RECENT TREND IN COMPUTER TECHNOLOGY AND INFORMATION SCIENCE	Neelkanthrao Shinde Science and Arts College
	"Recent Trends and Opportunities in VLSI"	VIT-AP
Dr.Narasimha Chary CH Professor	Opportunities in VLSI and Embedded Systems Design	IET
	ML	KIT
Mrs. B. SURESH, Asst. Professor	Using AI / ML to Improve Customer Experience	KIT
	Opportunities in VLSI and Embedded Systems Design	conducted in association with ISTE Student Chapter, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, India.
	"Recent Trends and Opportunities in VLSI"	School of Electronics Engineering • VIT-AP • Near Vijayawada
Dr. T. Charan Singh, Professor	Using AI / ML to Improve Customer Experience	KIT
	"Opportunities in VLSI and Embedded Systems Design"	Department of Electronics and Communication Engineering, Dr. Ambedkar Institute of Technology, Bengaluru, Karnataka, India.
	"Recent Trends and Opportunities in VLSI"	School of Electronics Engineering • VIT-AP
	"Impact of Covid-19 on Students' Mindset"	institution
	ASSISTIVE TECHNOLOGY	PSNA COLLEGE OF ENGINEERING AND TECH.
Mrs.Y Raju, Asst. Professor	Recent trends and Opportunities in VLSI	VIT-AP
	Using AI / ML to Improve Customer Experience	kanpur institute of technology
Mrs. M Sampoorna, Asst. Professor	using AI/ML to improve customer experience	KIT
	"Multiphase Machines for Electric Vehicles"	Presidency University, Bengaluru-64.
Mrs.R.SOWMYA Asst. Professor	Using AI / ML to improve Customer Experience	Kanpur Institute Of Technology
	Grid Technology For Renewable Energy Integration	PACE Institute of Technology and Sciences
	Multiphase Machines for Electric Vehicles	Presidency University
	"PROTECTING YOUR INNOVATIONS THROUGH PATENTS	Sri Indu College of Engineering and Technology
Dr.S.R.Mugunthan Professor	National Education Policy 2020	MCM-MQI College of Management, Bengaluru.
	Using AI/ML to Improve customer Experience.	Kanpur Institute of Technology, Kanpur
	"Protecting your Innovations Through Patent".	sriindu college of Engineering and Technology
	Art of writing papers for highly indexed Journals	Rathinam Technical Campus
Dr.NARASIMHA CHARY CH Assoc. Professor	ethical hacking	itsolutions
	ML	KIT
	DATA SCIENCE	KITS COLLEGE OF ENGINEERING COLLEGE
Dr K GURNADHA GUPTA Assoc. Professor	Spatio Temporal Fusion Using Deep Networks	JIS College of Engineering, West Bengal
	Recent Trends and Opportunities in VLSI S/W	VIT-AP



Mrs. M. Swathi Reddy Asst. Professor	PROTECTING YOUR INNOVATIONS THROUGH PATENTS	Sri indu college of engineering and technology
	Innovative Developments in Data Science	St. martin's Engineering college
	State Project Implementation unit- uttar pradesh	Bundelkhand Institute of engineering and technology
Mrs. B.K.N.PRIYANKA Asst. Professor	Importance of IP Protection for Startups	Sri indu college of engineering and technology
Mrs.C Divya Asst. Professor	Conceptual modalities in block chain technology	Sri Indu Institute of Engineering and Technology
	Importance of IP protection for startups	Bundelkhand Institute of Engineering and Technology
Dr.Sampath Korra Professor	Enhancing your Digital Presence	Silver Oak University IEEE WIE AG
	Social Engineering	Balaji Institute of Technology and Science with CSI
Mrs.B varija, Asst. Professor	Conceptual modalities in blockchain management	Sri indu college of engineering and technology
Dr.Sampath Korra	Conceptual Modalities in Blockchain Technology	Sri Indu Institute of Engineering & Technology
Mrs.BUKYA SURESH Asst. Professor	ETHICAL HACKING	Itronix Solutions
	"Impact of COVID-19 on Students' Mindset"	Greetings from Global Education Centre (M.B.A)
	Conceptual Modalities in Blockchain Technology	INSTITUTION
Mr.RVinod kumar, Asst. Professor	"Impact of Covid-19 on Students' Mindset"	VIT-AP
Mrs.Sowmya R Asst. Professor	Conceptual Modalities in Blockchain Technology	Sri Indu College of Engineering and Technology
	Conceptual modalities in Blockchain Technology	Sri Indu College of Engineering and Technology
	Entrepreneurship and Start-Ups: Multi Dimensional Perspectives on Innovation and Growth	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
	Building Gap between Academics and Industry by Understanding Hybrid Cloud in Real World	Sri Indu institute of Engineering and Technology
Mrs.M SAMPOORNA Asst. Professor	Conceptual modalities in blockchain technology	Sri Indu College of engineering and technology Hyderabad
	Using AI/ML to improve customer experience	KIT
Mrs.M. Swathi Reddy Asst. Professor	Intelligent systems for sustainable development	St.peter's engineering college
	Conceptual modalities in blockchain technology	Sri indu college of engineering and technology
Mrs.B varija Asst. Professor	Build gap between academia and industry by understanding hybrid cloud in real world	Sri indu college of engineering and technology
Mrs.B KAMESHWARI NAGA PRIYANKA Asst. Professor	Conceptual Modalities in Blockchain Technology	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
	Importance of IP Protection for Startups	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
	Importance of IP Protection for Startups	IIC-BIET Jhansi,Atal Incubation Center-EMPI,New Delhi and SPIU-Uttar Pradesh Under knowledge Transfer Series
	Entrepreneurship and startups Multi Dimensional Perspectives on Innovation and Growth	Centre for Innovation Incubation and Entrepreneurship, Lakireddy Bali Reddy College of Engineering, Mylavaram, associated with Atal Incubation Centre, S.K.University, Anantapur

	Building Gap Between Academics and Industry by Understanding Hybrid Cloud in Real World	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
	TYPES OF MOTORS USED IN E VEHICLE	KG REDDY COLLEGE OF ENGINEERING AND
	MACHINE LEARNING	SNS COLLEGE OF ENGINEERING COIMBATORE
	EMBEDDED SYSTEM DEVELOPMENT USING PYTHON	SRI RANGANATHAR INSTITUTE OF ENGINEERING AND TECHNOLOGY,COIMBATORE
Dr K Gunasekaran Professor	Why Intellectual Property is Important in Academia?	Chalapathi Institute of Engineering and Technology
	Assistive Technology	PSNA College of Engineering and Technology
Mrs.C DIVYAAsst. Prof	Research seminar on Assistive Technology	PSNA college of engineering and technology
Mr.B. SURESH, Asst. Prof.	ASSISTIVE TECHNOLOGY	PSNA COLLEGE OF ENGINEERING AND Tech.

### Faculty attended Workshops/Training programs in 2021

Dr.S R MUGUNTHAN Professor	Research Paper Writing	Mohammed Noor
	Systematic Research Review and Research Prposal Writing	MatterHere Educational Research
	NPTEL Awareness Workshop	IIT Madras
	Mendeley Reference Manager	Nuhianwali Education Society
Mrs.C DIVYA Asst. Professor	NPTEL E-Awareness workshop	Sri Indu College of Engineering and Technology
Dr.K GURNADHA GUPTA Assoc. Professor	NPTEL Awareness Workshop.	NPTEL
Mrs.K sandhya Asst. Professor	NPTEL E_Awareness workshop	NPTEL
Mrs.B varija, Asst. Professor	NPTEL awareness workshop	sri indu college of engineering and technology
Mrs.B.Surekha Asst. Professor	NPTEL E-Awareness	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
Mrs.K.Vijayalakshmi Asst. Professor	NPTEL E-Awareness	sri indu college of engineering and technology
Mrs.R.SOWMYA Asst.Professor	NPTEL E-AWARENESSWORKSHOP	NPTEL
Mrs.Navya Bingi Asst. Professor	CYBER SECURITY	SCHOOL OF INFORMATION TECHN JNTUH
Mrs.Moddu Sampoorna Asst. Professor	Cloud Computing and Its Applications	"Arya College of Engineering and Research Centre", Jaipur (Rajasthan), India
	CYBER SECURITY	SCHOOL OF INFORMATION TECHNOLOGY (AUTONOMOUS) JNTUH
Dr.Narasimha Chary CH Professor	Recent Trends of IT	NSSAC
	novel applications of LED	IETE
Dr. T. Kumaresan Professor	Cyber Security & Forensics	JNTUH
Mrs.R.SOWMYA Asst. Professor	CYBER SECURITY	SCHOOL OF INFORMATION TECHN, JNTUH
	Cloud Computing and Its Applications	Arya College of Engineering and Research Centre
Mrs.M. Swathi Reddy Asst. Professor	NAAC Awareness Programme on Revised Accreditation Framework	Shri Annandaneshwar Arts,Science and Commerce College
	International yoga day	ST.Francis De sales college
Mrs.BI KAMESHWARI NAGA PRIYANKA Asst. Professor	IRIS DATASET USING KNN ALGORITHM	SICET
	Patent Commercialization Methods and Strategy	SICET
	STRATEGIES OF IP PROTECTION FOR ENTREPRENEURS	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
	Patent Commercialization Methods and Strategy	Patent Information Center, Francis Xavier Engineering College ,Tirunelveli, Tamilnadu,
Dr.S.VIJAYARANGAM Professor	INTERNET OF THINGS	Chalapathy Institute of Engineering and Tech
	Applications of Tree Based Models in Data Science	Chalapathi Institute of Engineering and Tech



## DEPARTMENT OF HUMANITIES & SCIENCE

Special Guest Lecture on “Successful Journey of Indian Missile Development” delivered by Sri. D.Praveen Kumar, Scientist, ‘E’ in DRDO Laboratory Named RCI, Hyderabad on 31-12-2021.



National Mathematics Day Celebrated on 22-12-2021, Dr. SVHN Krishna Kumari attended as Chief Guest



Conducted 3 days Induction Programme and Motivational lecture for 1<sup>st</sup> year students admitted in 2021-22 by Mr. Naga Prasad, Motivational Speaker and Dr. Sudheer Sandra, Psychologist.



### 1<sup>st</sup> YEAR ORIENTATION PROGRAMME



### TRADITIONAL CELEBRATIONS



Awareness programme conducted on “Gender Issues in an aging Society”



Awareness programme conducted on “Cancer Cervix”



## FACULTY PUBLICATIONS

- **Mrs. K M Lakshmi I**, Asst. Professor, published a paper titled “A Study on Training and Development at MRKR Constructions” in Journal for the Study of Research, ISSN NO: 1781-7838, Volume XII, Issue XI, November-2020, PP:82-92.
- **Mrs.V. Anuradha and Mr. Yelala Srinivas**, Asst. Professors published a paper titled “Applications of Laplace transforms Using ODE” in International Journal of Management, Technology And Engineering, ISSN NO : 2249-7455, Volume X, Issue III, MARCH/2020, PP:88-91.
- **Mrs. Tallapaneni Madhavi**, Assistant professor, published a paper titled “A COMPREHENSIVE STUDY ON EFFECTIVE WORKING CAPITAL ON THE PROFITABILITY IN INFORMATION TECHNOLOGY SECTOR IN INDIA” in STD JOURNAL, ISSN no: 0905-0707, Volume IX, Issue 1 , January-2020.

## PATENTS: – FILED AND PUBLISHED

- **Mrs. N.Shailaja, Assoc. Professor, Mr.Ashok Kumar. Ch, Asst. Professor, Invented** “SYNTHESIS, CRYSTAL STRUCTURE, SPECTRAL AND THERMAL PROPERTIES OF 4- DIMETHYLAMINOPYRIDINIUM SALICYLATE MONOHYDRATE” Application No.202141034416 A, Published on 06/08/2021.
- **Mrs. M. Chalapathi Rao and Mr. S. Praveen Kumar and Mrs. P.Manjula, Asst. Professors, Invented** “Structural and Fluid Dynamics Boundary Value Limitations Approximated Solution in Engineering Applications” Application No.202141035934 A, Published on 13/08/2021.
- **Mrs. V.Anuradha, Mrs. Rekha Rani and Y.Srinivas** Asst. Professors, Invented “A common Fixed Point Theorem For Compatible Mappings of Type (c)” Application Number 202141006283, Published on 19/02/2021.
- **Mrs. Rekha Rani** Asst. Professor Invented “CUINSE TERNARY MATERIAL THIN FILM PHYSICAL PROPERTIES UNDER THE EFFECT OF” Application Number 202141019655 A, Published on 07/05/2021.

## FACULTY ACHIEVEMENTS

### Faculty attended FDP/STTP/Refresher Programs in 2021

FACULTY NAME & Designation	TOPIC	ORGANIZED INSTITUTION
Mr.G CHANDRA SHEKAR Asst. Professor	E- Content Development	Bharat college of engineering and technology
	English Grammar	Govt. Model Degree College
	Digital Tools in Technology	Vellore Institute of Technology, Tamilnadu
Mr. S PRAVEEN KUMAR Asst. Professor	Intelligent systems for sustainable development	St Peter's Engineering College, Hyderabad
Mrs. M.GOVIND AMBICA Asst. Professor	MACHINE LEARNING	RISE GROUP OF INSTITUTIONS
Mrs.Swathi gaddameedhi Asst. Professor	Recent developments in manufacturing Technology	Sreyas institute of Engineering and technology
	Advanced training program on Teaching	Mallareddy engineering college
	Data analytics tools and visualization	Chalapathi institute of Engineering and tech.
	Digital manufacturing evolutions for smart industries	Poornima college of engineering
Mrs.LEELA MANTRI Asst. Professor	“Recent Trends in Applications of Mathematics (RTAM)”	Chadalawada Ramanamma Engineering College (Autonomous), Tirupati
	Mathematics and statistics in Emerging Field	KPR institute of engineering and technology
	“Recent Developments in Mechanical Engineering”	COORG INSTITUTE OF TECHNOLOGY
	APPLICATIONS OF MATHEMATICS IN SCIENCE AND TECHNOLOGY	NARASU'S SARATHY INSTITUTE OF TECHNOLOGY
	“ROLE OF MATHEMATICS IN LATEST ENGINEERING TRENDS”	Lords institute of engineering and technology
	Research Methodology & Scientific Tools	B K Birla Institute of Engineering & Technology,
	LINEAR ALGEBRA AND ITS APPLICATIONS	BMS INSTITUTE OF TECHNOLOGY AND mgt
	ENERGY MANAGEMENT AND CONTROL SYSTEM FOR SMART RENEWABLE ENERGY REMOTE POWER GENERATION	ANNAMAACHARYA INSTITUTE OF TECH. AND SCIENCES
	RESEARCH METHODOLOGY	AMAR SEWA MANDAL'S KAMALA NEHRU MAHAVIDYALAYA



	REFRESHER COURSE IN MATHEMATICS	RAMANUJAN COLLEGE
	"Functional Metagenomics and Bioprocessing of Therapeutic Enzymes"	Sri Venkateswara College of Engineering
	"Essentials of Linux System Administration"	Fr. Conceicao Rodrigues College of Engineering
	"Fundamentals and Applications of Computational Fluid Dynamics in Fluid-Thermal Systems"	National Institute of Technology Silchar
	"Computational Fluid Dynamics and its Applications	IIT Indore
	Cloud based 3D EXPERIENCE – CATIA'	VNR VJIET
	Multivariate Data Analysis	University of Calcutta Affiliated Naba Ballygunge Mahavidyalaya (NAAC Reaccredited B+) and Exceller Open
	Smart City: Opportunities and Development	ARKA JAIN UNIVERSITY
	ARTIFICIAL INTELLIGENCE FOR INDUSTRY 4.0	CMR INSTITUTE OF TECHNOLOGY
	"Design of Experiments (DOE) & Optimization Techniques"	VEMU INSTITUTE OF TECHNOLOGY
Mrs. P.Manjula	Graph Theory	AICTE- NPTEL

### Faculty completed online (MOOC) certificate courses through SWAYM/NPTEL/ COURSERA in 2021

NAME	TOPIC	University Name
<b>SWAYAM NPTEL online Certificate Courses in 2021</b>		
Mrs. V.Anuradha Asst. Professor	Engineering Mathematics-II	IIT, Kharagpur
Mr. Y.Srinivas	Engineering Mathematics-II	IIT, Kharagpur
Mrs. P.Manjula	Graph Theory	NPTEL
<b>COURSERA online Certificate Courses in 2021</b>		
Mrs.REKHARANI MADDULA Asst. Professor	Mathematical Methods in Physics 1	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH BHOPAL
Mr. S PRAVEEN KUMAR Asst. Professor	How to write a Resume	The state university if Newyork
	Psychological first aid	John Hopkins University
	Sit less, Get active	The University of Edinburgh
	Introduction to cloud Identity	Google Cloud
	Mindfulness and well-being : Living with balance and ease	RICE University
	Epidemiology: The basic science of public health	The University of North Carolina at Chapel hill
	Introduction to Personal branding	University of Virginia
	Version control with Git	Atlasian
	Positive Psychology	The University of North Carolina
	Personal And Family Financial Planning	University of Florida
	COVID-19: Contact Tracing for nursing professionals	University of Houston
	Getting Started with AWS Machine Learning	Amazon Web series
	Introduction to AWS Identity & Access management	Amazon Web series
	Introduction to Philosophy	University of Edinburgh
	The Challenges of Global Health	Duke University
	Population Health During A Pandamic	University of Houston
	Introduction to Philosophy	University of Edinburgh
	EChology: Ecosystem Dynamics and Conversation	American Museum of Natural History
	Essentials of Global Health	Hele University

	High Stakes Leadership: Leading in times of Crises	University of Michigan
	Population Health During A Pandemic : Contact Tracing and beyond	University of Houston
Mrs. V.Anuradha Asst. Professor	How to Write a Resume	The State University of Newyork
	Introduction to Cloud Identity	Google
Mr. M. Chalapathi Rao Asst. Professor	Introduction to Google Docs	Coursera Project
	Create a Profile and Network on LinkedIn	Coursera Project
	Population Health During A Pandemic Contact	University of Houston
	Epidemiology The Basic Science of Public Health	The University of North Carolina
	Version Control with Git	Atlassian University
	Essentials of Global Health	Yale University
	Ecology Ecosystem Dynamics and Conservation	Coursera
	COVID-19 Contact Tracing For Nursing	University of Houston
	Personal & Family Financial Planning	University of Florida
	Compare Stock Returns with Google Sheets	Coursera
	Introduction to AWS Identity & Access	Amazon Web series
	Positive Psychology	The University of North Carolina
	Introduction to Personal Branding	University of Virginia
	Psychological First Aid	John Hopkins University
	Sit Less, Get Active	The University of Edinburgh
	Introduction to Cloud Identity	Google
	Mindfulness and Well-being Living with Balance	RICE University
	High Stakes Leadership Leading in Times of Crisis	University of Michigan
	How to Write a Resume	The State University of Newyork
	Getting Started with AWS Machine Learning	Amazon Web series

### The following Faculty attended workshops in 2021

Mr.M CHALAPATHI RAO Asst.Professor	E-AWARENESS WORKSHOP	NTPL
	CYBER SECURITY	SCHOOL OF INFORMATION TECHNOLOGY (JNTUH)
Mr. S PRAVEEN KUMAR Asst. Professor	CYBER SECURITY	SCHOOL OF INFORMATION TECHNOLOGY - JNTUH
	NPTEL Awareness E-WORKSHOP	NPTEL & IIT MADRAS
Mr.ANTHATHI SHIVA KUMAR Asst. Professor	NPTEL E-AWARENESS WORK SHOP	NPTEL
	CYBER SECURITY	SCHOOL OF IT - JNTUH
	Research Methodology	Shri Muktanand College, Gangapur Dist, Aurangabad, Maharashtra
Mrs. N.SHARMILEE Asst. Professor	Cyber Security	School of Information Technology
	E-Content Development	Bharat Institute of Engineering and Technology
	Digital tools for Effective Teaching	Jain University
Mrs.M. GOVIND AMBICA Asst. Professor	CYBER SECURITY	SCHOOL OF INFORMATION TECHNOLOGY
	IRIS DATASET USING KNN ALGORITHM	PANTECH e LEARNING
Mrs. Leela mantra Asst. Professor	RESEARCH METHODOLOGY	APS COLLEGE OF ARTS AND SCIENCE
	NPTEL E-Awareness	NPTEL
	HOW TO WRITE AND PUBLISH	TRUBA GROUP OF INSTITUTES
	Research Methodology	Government College, Tamia,
	ROLE OF IPR AND TECHNOLOGY IN CREATING AND SUSTAINING STARTUPS	SCHOOL OF TECHNOLOGY,MANAGEMENTAND ENGINEERING,NMIMS
	HISTORICAL DEVELOPMENT OF MATHEMATICS	RAMNIRANJAN JHUNJHUNWALA COLLEGE OF ARTS,SCIENCE AND COMMERCE
	"Automation and Artificial Intelligence in Production Engineering"	G.B. Pant University of Agriculture & Technology
Mrs.Swathi Gaddameedhi Asst. Professor	Role of CFD in manufacturing process	Poornima college of engineering and technology



## INDUSTRY VISITS

### FACULTY PUBLICATIONS

- **Dr.N. Sadhasivam**, Professor published a paper titled "Online Traffic Prediction and Visualization Using FIMT-DD Method" in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020, PP: 2471-2477.
- **Dr.N. Sadhasivam**, Professor published a Conference paper titled "Hybrid Genetic Algorithm and Simulated Annealing for Clustering Microarray Gene Expression data" in Journal of Physics: Conference Series, Vol. No. 1767,2020.
- **B.Surekha Reddy, Mrs. B.Navya**, Asst. Professors presented a paper titled "Process for Defending Practical Infrastructures Using Cloud Services Environmental" in 3<sup>rd</sup> National Conference; CETCSE – 2K20, March, 2020.

As a part of Project Expo- 2021 the following events conducted from to 20-12-2021 to 26-12-2021, faculty and students coordinated all events successfully.



### SEMINAR CONDUCTED



### POSTER PRESENTATION



### TRADITIONAL DAY



### NEW FACULTY ORIENTATION

Conducted awareness programme on International Day for the Elimination of Violence against Women on 25-11-2021



## FACULTY ACHIEVEMENTS:

Name of the Participant	Topic of the Course	Organized by Institution / Industry
<b>Faculty attended FDP/STTP/Refresher Programs in 2021</b>		
Mrs.J S Radhika Asst. Professor	MULTI TECHNOLOGY	Vignan's Institute of Engineering For Women
	NBA Accreditation process & SAR file preparations	Anurag university
<b>Faculty Completed NPTEL /COURSERA/ MOOC COURSES in 2021</b>		
B.SUREKHA	AWS MACHINE LEARNING	COURSERA
Mrs.J S Radhika, Asst. Professor	Introduction and Programming with IoT Boards	Pohang University of Science and Technology
	Introduction to Cloud Identity	Course era
	Sit Less, Get Active	course era
	How to Write a Resume (Project-Centered Course)	course era
	Getting Started with AWS Machine Learning	Couser era
	Psychological First Aid	Johns Hopkins University-coursera
Mrs.M.Manasa, Asst. Prof.	Introduction and Programing with IoT Boards	Coursera
<b>Faculty attended Seminar/Webinar in 2021</b>		
Mrs.M.Manasa Asst. Professor	Cyber Security	JNTU
	Faculty Awareness Program	NPTEL
Mrs.J S Radhika Asst. Professor	"Grid Technology for Renewable Integration and Technology"	PACE Institute of Technology
	"Entrepreneurship and Start-Ups: Multi Dimensional Perspectives on Innovation and Growth"	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
	"Using AI /ML to improve customer experience"	Kanpur Institute of Technology
	Hybrid cloud in real world	Sri indu college of engineering and technology
	Researcher seminar on Assitive technology	PSNA college of engineering and technology and technology
<b>Faculty attended Workshops in 2021</b>		
Mrs.Keshavadas Priyanka Asst. Professor	NPTEL E-Awareness Workshop	Sri indu college of engineering and technology
	Cyber Security	JNTU
Mrs.J S Radhika, Asst. Professor	"CYBER SECURITY"	SCHOOL OF INFORMATION TECHNOLOGY (AUTONOMOUS) JNTUH
	"Cloud Computing and Its Applications"	Arya College of Engineering and Research Centre"
	NPTEL E-Awareness workshop	SICET

➤ **176 Students Completed Online Certificate Courses from COURSERA from Reputed foreign Universities.**



## PUBLICATION BY FACULTY

- **Mr. M. Srinivas Rao**, Asst. Professor presented a paper titled “New Developments of Aluminum Alloys for Future Generation Applications - A Review” in 4<sup>th</sup> International Conference on Advances Mechanical Sciences (ICAMS-2021) organized by Vardhaman College of Engineering held 26-27 November 2021.
- **Mr. M. Srinivas Rao**, Asst. Professor presented a paper titled “New developments of Aluminum Alloys for next generation applications – A Research review” in 4<sup>th</sup> International conference on Innovations in Mechanical Engineering, ICIME, GNITC, Hyderabad on 26-27 Feb, 2021.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor, published a paper titled “The Review of Building Construction Process in Real Estate Industry” in International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Volume 6 | Issue 9 | February 2020, PP: 1-26.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor published a paper titled “Compare Buying Versus Leasing a Car” in International Journal of Engineering Development and Research, ISSN: 2321-9939, Volume 8, Issue 4, 2020. PP : 268-281.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor, published a paper titled “The Global Entrepreneurship, Industrial Management & Smart Business Enterprise” in International Journal of Engineering Development and Research, ISSN: 2321-9939, Volume 8, Issue 4, 2020, PP: 33-57.
- **Mr. M Sai kiran**, Asst. Professor, published a paper titled “Strength studies on Geopolymer Concrete produced by Recycled Coarse Aggregate and Quarry Stone Dust as Fine Aggregate”, in IOP Conference Series: Materials Science and Engineering 981 (2020) 032057 IOP Publishing doi:10.1088/1757-899X/981/3/032057.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor, published a paper titled “The Review of Agriculture Technology & The Importance of Agriculture In Modern Economies” in International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Volume 7 | Issue 5 | October 2020, PP: 04-33.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor, published a paper titled “The Review of the Stock Market Analysis in United States of America, India & International” in – International Journal for Innovative Research in Science & Technology, ISSN (online): 2349-6010, Volume 6 | Issue 8 | January 2020, PP: 05-24.
- **Mr. Vamsi Velagaleti S. P.** Assistant Professor, published a paper titled “The Study of Environmental Science from Local, National & Global Point of View” in International Journal of Innovations in Management, Engineering and Science, ISSN: 2455-9008, Volume 5 Issue 4 June 2020, PP: 11-26.

- **Mr.Dharavath Dharma**, Asst. Prof. published a paper titled “Ejector- Vapour compression refrigeration system using Exergy analysis and R134a” in International Journal of Research, ISSN: 2236-6124 Volume IX, issue III, 2020.
- **Mr.Dharavath Dharma**, Asst. Prof. published a paper titled “The Environment effect to improve the performance of Air conditioning system by using statistical method” in International Journal for research in Applied science & Engineering technology (IJRASET), ISSN 2321 9653, Volume 8 issue II, 2020.
- **Mr.Dharavath Dharma**, Asst. Prof. published a paper titled “The investigation of Retrofit HCFC-22Window Air conditioner with R-407C” in International Journal of research and analytical reviews, ISSN 2348-1269Volume 7 issue 2, 2020.
- **Mr.Dharavath Dharma**, Asst. Prof. published a paper titled “The research of coefficient of performance for split Air” in International Journal of research and analytical reviews, ISSN 2348-1269,Volume 7 issue 2, 2020.

## PATENTS: – FILED AND PUBLISHED

- **DR.S.MARICHAMY** Professor, Invented “AIRCRAFT ACCIDENTS PREDICTIVE USING MACHINE LEARNING” Application Number 202041000353, Published on 10/01/2020 in IPR India.
- **Dr.P.Ganesan**, Professor Invented “IDUC-Door Device: Intelligent Device for Unlocking Car Door” Application Number 201941054689, Published on 10/01/2020 in IPR India.
- **Mr. MUNDRATHI SAIKIRAN**, Asst. Professor Invented “ERGONOMIC VESSEL” Application Number 202041044625, Published on 23/10/2020 in IPR India.

## INDUSTRIAL VISIT:





## TRADITIONAL DAY CELEBRATIONS



## PROJECT EXPO – 2021



Students exhibiting their innovations in Project Expo 2021 from 20-12-2021 to 26-12-2021





## FACULTY ACHIEVEMENTS:

The following Faculty attended FDP/STTP/Refresher Program in 2021

Name & Designation	Topic of the Course	Organized by Institution / Industry
Mr.MARRI SRINIVASA RAO Assoc. Professor	RECENT ADVANCES IN MATERIALS AND CHALLENGES MANUFACTURING TECHNIQUES	JNTU, Kakinada
	Modern Industrial Technology in Mechanic Engineering	Aditya Engineering College, AP
	Recent Innovative Developments in Thermal Engineering	Mallareddy Engineering College, Hyd.
	Technology Advancements in Mechanical Engineering-TAME-2021"	Anantha Lakshmi Institute of Technology & Sciences., AP
	International online Faculty Development Program on "Thrust Areas of Research in Mechanical Engineering"	Geethanjali Institute of Science and Technology, AP
	Innovations in Materials and Manufacturing Processes (IMMP-2021)"	Vemu Institute of Technology, AP
	Advances in Composite Materials and their Applications	CMR Institute of Technology, Hyderabad
	"Design of Experiments (DOE) & Optimization Techniques"	VEMU INSTITUTE OF TECHNOLOGY AICTE Sponsored One Week Online STTP(Phase-II)
Ms.BIKUMALLA SRUTHI Asst. Professor	Advances in Composite Materials and their Applications	CMR Institute of Technology
Mr. T. Aravind Asst. Professor	Advances in composite materials and their applications	CMR institute of technology
Ms.Swathi G Asst. Professor	Advances in composite material and their applications	Mechanical engineering,CMR institute of tech
Mr.A.PRAMODH REDDY Asst. Professor	"Advanced Training Program on Teaching	MALLAREDDY ENGINEERING COLLEGE
	"Effective Teaching Skills for Outcome Based Engineering Education"	SR ENGINEERING COLLEGE
	Material Characterization Techniques	BHAVANS VIVEKANANDA COLLEGE
	The pedagogic approach for effective teaching learning through outcome based education	Anjuman college of engineering and technology
Mr. LakkojuRavi Asst. Professor	RENEWABLE ENERGY INTERVENTION IN INDUSTRY, COMMERCIAL AND DOMESTIC APPLICATION"	Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal
	Tribology	Acharya institute of technology Bangalore
	Advances in composites	CM IRT
	RECENT ADVANCES IN MATERIALS AND CHALLENGES MANUFACTURING TECHNIQUES	JNTU Kakinada
	RECENT INNOVATIONS IN DESIGN & MANUFACTURING"	, Malla Reddy Engineering College
	"Technology Advancements in Mechanical Engineering-TAME-2021"	Anantha Lakshmi Institute of Tech & Sciences
	Industry 4.0 Advanced Manufacturing	KSRM COLLEGE OF ENGINEERING (
	" Innovations in Materials and Manufacturing Processes (IMMP-2021)"	Vemu Institute of technology
	Recent Developments in Manufacturing Tech	SREYAS INSTITUTE OF ENGINEERING
	RECENT INNOVATIVE DEVELOPMENTS IN THERMAL ENGINEERING	MALLAREDDY ENGINEERING COLLEGE
	MODERN INDUSTRIAL TECHNOLOGY IN MECHANICAL ENGINEERING	ADITHYA ENGINEERING COLLEGE (A)
	"Thrust Areas of Research in Mechanical Engg"	G E E T H A N J A L I INSTITUTE OF SCIENCE
	"Fuel powered, Hybrid Electric and Modern Vehicles	VNRVJIET, Hyderabad
	DIGITAL MANUFACTURING EVOLUTIONS FOR SMART INDUSTRIES	Poornima College Of Engineering
	"Developing Leadership Skills for Enhancing Personal and Organizational Outcome"	VVCE Mysuru
	Additive Manufacturing: Present & Future Trends	V N R VIGNANA JYOTHI
Ms. SIRISHA, Asst. Prof.	Fuel powered, Hybrid Electric and Modern Vehicles	V N R VIGNANA JYOTHI



## Faculty attended SEMINAR/WEBINAR in 2021

Mr.MARRI SRINIVASA RAO Assoc. Professor	Design of Experiments (DOE) & Optimization Techniques	VEMU INSTITUTE OF TECHNOLOGY,CHITTOOR
	Ant Colony Optimization for cell formation problem	galgotias university Uttar pradesh
	Environmental testing of underwater weapons and equipments "	Tirumala Engineering College, AP
	Live 2 days JIT Webinar Series 3.0	JAGANNATH INSTITUTE OF TECHNOLOGY
	Environment and Sustainable Development	Acharya Nagarjuna Univeristy
	AICTE Sponsored One Week Online STTP(Phase-II) On <i>Design of Experiments (DOE) &amp; Optimization Techniques</i>	Vemu Institute of Technology, AP
	Effective and Efficient Writing of Research Papers for the Web of Science, Scopus Indexed Journal and Conference Papers Using Typeset Research Studio"	Hyderabad Institute of Technology & Management, Hyderabad
	Plagarism and UGC Policy	Learning Recourse Centre, Jain To be University
	"INDUSRTY 4.0: DIGITAL MANUFACTURING"	VIT, Hyderabad
	Modeling as a Tool to Better Understand the degradation of Materials	KL University
	e-Learning and Their Challenges with Solutions	Govt. College Timarni
	<i>A Simplified Solution to Determine Switching Angles for Effective Control of Total Harmonic Distortion in Multilevel Inverters</i>	Reva University, Bangalore
Mr.T. Aravind Asst. Professor	Material Behavior	Georgia Institute of technology
	Introduction and programming with IoT Boards	Pohang University of Science and Tech
	A Simplified solution to determine switching angles for effective control of total harmonic distortion in multi level inverters	Reva University, Bengaluru , India
	How to make machines learn - Webinar	Reva university, Bengaluru, India.
	Higher Education in India in the post COVID-19	SRM University- University distinguished lecture series
	Design and development of homogeneous/heterogeneous catalysts for sustainable chemical industry	SRM University A.P. - University distinguished lecture series
	Modelling as a tool to better understand the degradation of materials	KL university, A.P
	Data Science Approach for Mechanical Engineers	Vignan Institute of Technology and
	Advances in Composite Materials and their Applications	CMR institute of technology
Mr.Yennapu raja kumar Asst. Professor	A Simplified Solution to Determine Switching Angles for Effective Control of Total Harmonic Distortion in Multilevel Inverters	Reva university
Ms. G.swathi Asst. Professor	How to make machines learn	Reva University IEEE PES student branch chapter
	E-resources of NDLI	Bhavana vivekananda college of science human and commerceities and
Mr.BIKUMALLA SRUTHI Asst. Professor	E-resource of NDLI	BHAVAN'S VIVEKANANDA COLLEGE OF SCIENCE, HUMANITIES AND COMMERCE
	A Simplified Solution to Determine Switching Angles for Effective Control of Total Harmonic Distortion in Multilevel Inverters	REVA University
	How to Make Machines Learn	REVA University
Mr.A.PRAMODH REDDY Asst. Professor	Advances in composite materials and their applications	CMR Institute of Technology
	E-Resource of NDLI	BHAVANS VIVEKANANDA COLLEGE OF SCIENCE , HUMANITIES & COMMERCE
	A Simplified Solution to Determine Switching Angles for Effective Control of Total Harmonic Distortion in Multilevel Inverters	REVA UNIVERSITY

	"Universal Human Values in Higher Education"	SADHU VASWANI AUTONOMOUS COLLEGE BAIRAGARH, BHOPAL
	LEGAL PATIENT FILING PROCESS IN INDIA	SANJIVANI GROUP OF INSTITUTES
	SMALL HOME INNOVATION SYSTEM USING MIT APP INVENTOR 2	JAGANNATH INSTITUTE OF TECHNOLOGY
	INNOVATIONS IN SCIENCE AND TECHNOLOGY	Smt.NARSAMMA COLLEGE OF ARTS AND SCIENCE
	NATIONAL EDUCATION POLICY 2020;MILESTONE SETTINGS	ALIGARH MUSLIM UNIVERSITY, JANGIPUR
	RESEARCH METHODOLOGY	SHRI MUKTHANAND COLLEGE
	RESEARCH CONVENTION A PATH TOWARDS SUCCESS	R. K. Talreja College of Arts, Science & Commerce, Ulhasnagar-3
	Advantages of Being Small Micro Electronics	jagannath Institute of Technology
	Design of IOT sensors for Industrial Automation	Jagannath Institute of technology
	Impact of Technological Advancement on Business Environment	MDSD GIRLS COLLEGE
	100 YEARS OF MEDIA EDUCATION IN INDIA	MANDSAUR UNIVERSITY
	RECENT TRENDS IN NANOTECHNOLOGY FOR SUSTAINABLE DEVELOPMENTS	GOVT. POST GRADUATE COLLEGE MORENA
	"Ionic Liquids as Environmental Benign Solvents for Sustainable Developments"	RASAYAN Journal of chemistry
	The art of official communication; how not to communicate	Mehr Chand Mahajan DAV College for Women
	Innovations in Learning and Teaching	PONKALIAMMAN COLLEGE OF EDUC
	"The Importance of Research Ethics"	GOVERNMENT SWAMY VIVEKANANDA COLL
	Concept and Overview of IPR	SADHU VASWANI AUTONOMOUS COLL
	Functional Materials	Society for Promotion of Material Science
	Spit Free India Movement	Department of NSS, Dr.Babasaheb Ambedkar Marathwada University
	Implementation of NEP2020 in HEIs	Jagannath University
	Consumerism and Financial Literacy Midst of Covid-19 Pandemic	Nirmala Memorial Foundation College
	Big Data Analytics	Thakur College of Science
	Internet In Classroom Instructions	Ponkalamman Coellge of Educatiob
	E-Learning and their challenges with solutions	Government college Timarani
	Detection of Breast Cancer using Ultrasound Elastography Imaging	Jagannath Institute of Technology
	Security of Vehicular Adhoc Networks	Jagannath Institute of Technology
	Career Focus on Emerging Technologies	Jagannath Institute of Technology
	"An Outreach Program on Machine Learning for Exploration and Production"	Hyderabad Institute of Technology and Management
	"RESEARCH PLANNING : PROPOSAL, PROJECT & IMPLEMENTATION FOR CAREER ADVANCE"	Satyendra Narayan Sinha College, Warisaliganj,Nawada
	Plagarism and UGC policy	Jain Deemed university
	How to Write Research and Review Article	Jagannath Institute of Technology
	"Intellectual Property Rights (IPR)"	Moolji Jaitha College, Jalgaon
	Indian Standards for Glass and Glazing	Indian Institute of Technology-Madras
	A Systematic approach to the methods and techniques of research in the digital era	SHASUN Jain College For Women
	strategy for managing personal finance including mutual funds and NPS	Udhampur campus, university of Jammu
	"Enhancing Effective Communications Skills",	BALAJI INSTITUTE OF MANAGEMENT
	TRIBES : EDUCATION, CULTURE AND SOCIETY	Laxman Singh Mahar Government
	"Stress Management"	MINDSELO
	Recent Trends in Advanced Material Characterizations	ADV.B.D HAMBARDE MAHAVIDYALAYA
	Multidisciplinary Research	Gurunanak College of science, Ballapur
	Gender Mainstreaming in Workplace	cetral university of odisha
	virtual meetings,methods,issues & challenges	MAHARAJA GANGA SINGH UNIVERSITY



	'Quality Education: Blackboard to Techboard in the Post COVID Scenario'	HISLOP COLLEGE
	"Revised Assessment and Accreditation Process"	Nirmala Memorial Foundation College Of Commerce & Science
	"Research Methodology"	Shri Muktanand College Gangapur Dist.
	SUSTAINABLE CHEMISTRY	ASSOCIATION OF CHEMISTRY TEACHERS
	"INDUSRTY 4.0: DIGITAL MANUFACTURING"	VIGNAN INSTITUTE OF TECHNOLOGY OF
	"Counselling, Coaching, Mentoring"	IIHRD
Ms.V.sirisha Asst. Professor	Post Pandemic Future	SICET
	An Overview of Product Development and the Life Cycle of a Product	Vignan institute of technology and science
Mr.LAKKOJU RAVI Asst. Professor	How To Make Machine Learn	Reva university
	Plagiarism on UGC	JAIN Deemed University
	"Intellectual Property Rights (IPR)"	KCE Society's Moolji Jaitha College,
	"INDUSRTY 4.0: DIGITAL MANUFACTURING"	Vignan Institute of Technology and
	"PROTECTING YOUR INNOVATIONS THROUGH PATENTS"	Sri Indu College of Engineering and Technology
	Applications of a Artificial Intelligence	Vignan University AP
	Modeling as a Tool	KONERU LAXMAIAH EDUCATION FOUNDATION
	"Environmental testing of underwater weapons and equipments "	TIRUMAL ENGINEERING COLLEGE GUNTUR
	"Digital Manufacturing 3D Printing- Present & Future "	RMD SINHGAD SCHOOL OF ENGINEERING, Warje Pune

### Faculty attended workshops in 2021

Mr.MARRI SRINIVASA RAO Assoc. Professor	NPTEL E Awareness workshop	IIT Madras
	Design of Experiments (DOE) & Optimization Techniques	VEMU INSTITUTE OF TECHNOLOGY
	Thesis documentation skills for Researchers using MS word, Excel and LaTeX editor	ANANTHALAKSHMI INSTITUTE OF TECHNOLOGY AND SCIENCES
	Bio-Diesel: Production & Technology	Ganpat University, Gujarat
	Hands on Experience on Fabrication of Nano composite Material for engineering Application	NIT Warangal
	Tribology and its Applications	Acharya Institute of Technology, Bangalore
Mr.K. VIJAYA KUMAR Asst. Professor	NPTEL E-AWARENESS	IIT M
Mr.T. Aravind Asst. Professor	NPTEL E-Awareness workshop	sri indu college of Engineering and technology
Mr.AC RAGHU KISHORE YADAV Asst. Professor	AWARENESS PROGRAM	NPTEL
Mr.G PHANEENDRA KUMAR Asst. Professor	NPTEL E-Awareness workshop	NPTL IIT MADRAS
Ms.B Sruthi Asst. Professor	NPTEL E-AWARENESS PROGRAM	NPTEL
Mr.A.PRAMODH REDDY Asst. Professor	MOOCS, CONCEPTUAL DESIGN	SHIVAJI COLLEGE,HINGOLI
	"Environmental Awareness and Sustainable Development"	ARKA Jain University
Mr.LakkojuRavi Asst. Professor	"Bio-Diesel: Production & Technology"	Ganpat University
	NPTEL E awareness workshop	IIT Madras
	"Thesis documentation skills for Researchers using MS word, LaTeX "	Anantha Lakshmi Institute of Technology & Sciences, Anantapur.
	Role of CFD in Manufacturing Process	Poornima College of Engineering JAIPUR

### STUDENT ACHIEVEMENTS:

- **327 Students completed Online Certificate MOOC Courses from COURSERA.**
- V.Sampath Reddy, Mr. P. Raghavender Reddy and CH. Abhinav completed Mini Project on "Manufacturing of Gyroscope Component Using CNC Turning" in Bharath Dynamics Ltd. At Hyderabad from 12-04 2021 to 11-06-2021.

### PUBLICATIONS BY FACULTY

- **Dr. Joseph Prabhakar Williams H**, Professor, **Dr. Veeramani C** Assoc. Professor and **Mr. Venkatesh E** Asst. Professor, published a paper titled "A Novel Modified Two-Speed Machine Learning based Radix-4, Serial-Parallel Booth Multiplier Using Intel Cyclone-V FPGA" in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020, PP:2521-2525.
- **Dr. Joseph Prabhakar Williams H**, Professor and **Mr. Narendra Prasad** Asst. Professor, published a Conference paper titled "Design of Tree-Based MAC for High-Speed Applications" in Intelligent Computing in Engineering. Advances in Intelligent Systems and Computing, vol 1125. Springer, Singapore, 2020, [https://doi.org/10.1007/978-981-15-2780-7\\_53](https://doi.org/10.1007/978-981-15-2780-7_53), 2020.
- **Dr. Veeramani C** Assoc. Professor, **Dr. Joseph Prabhakar Williams H**, Professor, and **Mr. Venkatesh E** Asst. Professor, published a paper titled "Linear Machine Learning Strategy for Contingency Based Sparse Bayesian Evaluation of Peak Power Aegis in Wscc-9 Bus System" The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020, PP: 2529-2536.
- **Mr. Venkatesh E** Asst. Professor, **Dr. Veeramani C** Assoc. Professor, **Dr. Joseph Prabhakar Williams H**, Professor, published a paper titled "Smart Energy Management System in Low Power IoT Embedded Systems using Advanced Energy Harvesting Methods" in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020, PP: 2548-2552.
- **Dr. C. Veeramani**, Assoc. Professor published a paper titled "Online Traffic Prediction and Visualization Using FIMT-DD Method" in The International journal of analytical and experimental modal analysis, ISSN NO:0886-9367, Volume XII, Issue VI, June/2020, PP: 2471-2477.

### PATENTS: – FILED AND PUBLISHED

- **Dr. A. Nagamalleswara Rao**, Professor and **Mr. P. Mallikarjun**, Asst. Professor, Invented "Hybrid Rocof Relay for Islanding Detection" Application Number 202141036362A, publication Date 20-08-2021.
- **DR. H. JOSEPH PRABHAKAR WILLIAMS**, Professor, Invented "AN IOT BASED SMART POWER SPRAYER FOR AGRICULTURAL APPLICATIONS" Application Number 202141003191, Published on 29.01.2021.
- **DR. H. JOSEPH PRABHAKAR WILLIAMS**, Professor, Invented "MACHINE PARAMETERS OF NATURAL FIBER PARTICLE REINFORCED POLYMER COMPOSITE MATERIAL USING ANOVA" Application Number 202141012146 A, Published on 26.03.2021,

- **DR. H. JOSEPH PRABHAKAR WILLIAMS**, Professor, Invented "RECHARGEABLE WIRELESS SENSOR NETWORKS WITH MULTIPLE SINKS" Application Number 202141015900 A, Published on 16.04.2021.
- **Mr. J. Rakesh Sharan**, **Mr. T. Venugopal**, **Mr. T. Srinivas**, Asst. Professors and **Dr. Nagamalleswara Rao**, Professor, Invented "Two strategy for Power Improvement in HRES Grid connected DPFC system" Application Number 202141033891A, Publication Date 13-08-2021.
- **Mr. T. Venugopal** and **Mr. P. Naga Raju**, Asst. Professors, Invented A Machine Learning Methodology for 3D dimensional optimizing material efficiency in additive Manufacturing" Application Number 202141032236A, Publication date 23-07-2021.

### BOOKS PUBLICATION:

- **Dr. C. Veeramani**, **Dr. A. N. Malleswara Rao**, Professors, contributed book chapter "Enhanced Optimal Control Scheme for Attaining Improved Efficiency and Dynamic Response of WECS using SVC" book title Innovations in Electrical and Electronics Engineering. vol 626. Springer, Singapore, 2020,

### INDUSTRIAL VISIT



### Bathukamma Celebrations





## PROJECT EXPO-2021

Students participated and presented their innovations skill in Project Expo 2021 from 20-12-2021 to 26-12-2021.



## STUDENT ACHIEVEMENTS

- **Mr. N.Venkat Reddy, HT. No,18D41A0252**, Completed SWAYAM-NPTEL online course and received Certificate in "Data Science for Engineers" exam held in March, 2021
- **248 Students completed Online Certificate MOOC Courses from COURSERA**

## FACULTY ACHIEVEMENTS:

The following Faculty attended FDP/STTP/Refresher Program in 2021

NAME & DESIGNATION	TOPIC	ORGANIZED INSTITUTION
Dr Naga Malleswara Rao A, Professor	Block chain	Chaitanya Bharathi Institute of Technology
	Green Energy Development: Supporting Technologies and Environmental Aspects	Reva University Bangalore
	Cyber Security	University College of Engineering, OU
	Cyber Physical Security for Critical Infrastructure: Smart Grid	INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD
	5G and Emerging Technologies	CVR College of Engineering, Hyderabad
Mr.Ch.Ssairam Asst. Professor	Hybrid Electric Vehicles and Battery Management Systems	CVR College of Engineering
	Energy Management and Control System for Smart Renewable Energy Remote Power Generation	Annamacharya Institute of Technology and Sciences, Rajampet
	Artificial Intelligence	Sanskriti School of Engineering
	Emerging Power Conversion Techniques for Renewable Energy and Electric Vehicle Applications	Er. Perumal Manimekalai College of Engineering
	Modern Trends in Power Electronics and their Applications	Vidya Jyothi Institute of Technology
	Sustainable Technologies for Electric Transportation Systems	Gokaraju Rangaraju Institute of Engineering & Technology
	Recent Advances in EV Technologies	Matrusri Engineering College
	Research Methodology for social sciences	Indian Institute of Management & Commerce
Mr.J. Rakesh sharan Asst.Professor	Python based machine learning, fundamentals of application	Anurag engineering college
	Integration of renewable energy sources with electric vehicles for green transportation	Siddhartha institutions
	SOFTWARE TOOLS FOR ELECTRIC POWER SYSTEM ANALYSIS – STEPSA 2021	J B INSTITUTE OF ENGINEERING AND TECHNOLOGY

	"IPR & Patent Prosecution	Maturi Venkata Subba Rao (MVSR) Engineering College
	5G AND EMERGING TECHNOLOGIES	CVR COLLEGE OF ENGINEERING
	RECENT TRENDS IN ELECTRICAL ENGINEERING	Geethanjali Institute of Science and Tech
	Computational Intelligence & Its Applications (CI&A-2021)"	Department of EEE, KSRM College of Engineering (Autonomous), Kadapa,
	MODERN TRENDS IN POWER ELECTRONICS AND THEIR APPLICATIONS	VJIT
	PROGRAM ON MULTI TECHNOLOGY	TKRCET
	"Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles"	VEMU Institute of Technology, P.Kothakota, Chittoor(Dt), A.P
Ms.Konda shirisha Asst. Professor	Emerging technologies in electrical vehicles	Bapatla engineering college
	Artificial intelligence and machine learning	SICET
	ENERGY MANAGEMENT AND CONTROL SYSTEM FOR SMART RENEWABLE ENERGY REMOTE POWER GENERATION	ANNAMACHARYA INSTITUTE OF TECHNOLOGY AND SCIENCE
Mr.M. Chandra Shekar Asst. Professor	Machine Learning Applications to Internet of Things (IoT)	Velammal College of Engineering and Technology, Madurai
	Hybrid Electric Vehicles and Battery Management Systems	CVR COLLEGE OF ENGINEERING
	Python Based Machine Learning, Fundamentals to Application	Anurag Engineering College
Mr.M. Sadanandam Asst. Professor	Industrial Automation and Control	G. Pulla Reddy Engineering College AP
	Challenges and Control of Green and Sustainable Energy systems using Artificial Intelligence techniques	BVRIT Hyd College of Eng. for Women
	"Computational Intelligence & Its Applications	KSRM College of Engineering Kadapa
	RECENT TRENDS IN ELECTRICAL ENGINEERING	GEETHANJALI INSTITUTE OF SCIENCE
	Design and Optimization of EV Charging Technology in Smart Grid Platform	Puducherry Technological University
	Research Challenges, Opportunities in Smart Grid with Integration of Electrical Vehicles	VEMU INSTITUTE OF TECHNOLOGY, CHITTOOR.
Mr.N.Chathru Asst. Professor	futuristic trends in Electrical Engineering	Karpaga vinayaka college of Engg & Tech
	Software Tools for Electrical Power System Analysis - STEPSA 2021	J B INSTITUTE OF ENGINEERING AND TECH
Mr.P MALLIKARJUN	"Computational Intelligence & Its Applications	KSRM College of Engineering
	DEEP LEARNING & MACHINE LEARNING APPLICATION IN COMPUTER VISION	GMR INSTITUTE OF TECHNOLOGY KAKINADA
	5G and Emerging Technologies	CVR ENGINEERING COLLEGE, HYDERABAD
	Wide Area Measurement system & Power systems Protection	Narayana Engineering College, Gudure
Mr.T venu gopal Asst. Professor	5G and Emerging Technologies	CVR COLLEGE OF ENGINEERING
	Challenges and Control of Green and Sustainable Energy systems using Artificial Intelligence techniques	AICTE Training and Learning (ATAL) Academy (BVRIT)
	Computational Intelligence & Its Applications (CI&A-2021)	KSRM College of Engineering (AUTONOMOUS)
	RECENT TRENDS IN ELECTRICAL ENGINEERING	GEETHANJALI INSTITUTE OF SCIENCE & TECH
	ENERGY MANAGEMENT SYSTEM FOR SMART RENEWABLE ENERGY REMOTE POWER GENERATION	ANNAMACHARY INSTITUTE OF TECHNOLOGY AND SCIENCES
Mr.T.SRINIVAS Asst. Professor	SOFTWARE TOOLS FOR ELECTRIC POWER SYSTEM ANALYSIS – STEPSA 2021	J B INSTITUTE OF ENGINEERING AND TECHNOLOGY
	"EMERGING POWER CONVERSION TECHNIQUES FOR RENEWABLE ENERGY AND ELECTRIC VEHICLE APPLICATIONS"	PMCTECH Er. PERUMACMANIMEKALAI COLLEGE OF ENGINEERING
	SOFTWARE TOOLS FOR ELECTRIC POWER SYSTEM ANALYSIS – STEPSA 2021	J B INSTITUTE OF ENGINEERING AND TECHNOLOGY
	IRIS DATA SET USING KNN ALGORITHM	PANTECH e learning



Mr.V SRINIVASA CHARY Asst.Professor	Challenges and Control of Green and Sustainable Energy systems using Artificial Intelligence techniques	ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
	Computational Intelligence & Its Applications (CI&A-2021)	KSRM College of Engineering (Autonomous), Kadapa, Andhra Pradesh.
	Design and Optimization of EV Charging Technology in Smart Grid Platform	AICTE Training and Learning (ATAL) Academy
Mr.VENKATESH E Asst. Professor	Software tools for electric power system analysis (STEPSA)	JBIE
	SOFTWARE TOOLS FOR ELECTRIC POWER SYSTEM ANALYSIS – STEPSA 2021	J B INSTITUTE OF ENGINEERING AND TECHNOLOGY
	EMERGING POWER CONVERSION TECHNIQUES FOR RENEWABLE ENERGY AND ELECTRIC VEHICLE APPLICATIONS	Er.Perumal Manimekalai College of Engineering
	SOFTWARE TOOLS FOR ELECTRIC POWER SYSTEM ANALYSIS	J B INSTITUTE OF ENGINEERING AND TECHNOLOGY
	Recent Advances In EV Technology	Matrusri Engineering college
	Energy Management & Control System For Smart Renewable Energy Remote Power Generation	Annamacharya Institute of technology & science
	Machine Learning"	RISE KRISHNA SAI PRAKASAM GROUP OF INSTITUTIONS
DR.H.JOSEPH PRABHAKAR WILLIAMS Professor	AICTE SPONSORED ONE WEEK STTP ON DEEP LEARNING TECHNIQUES FOR ELECTRONICS HEALTH RECORD ANALYSIS	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, HYDERABAD, TELANGANA
	AICTE SPONSORED STTP ON EMERGING TRENDS IN VLSI TECHNOLOGY (SLOT-1)	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, HYDERABAD, TELANGANA
	3 DAYS NATIONAL LEVEL FDP ON RECENT TRENDS IN ROBOTICS AND INDUSTRIAL AUTOMATION	Er.PERUMAL MANIMEGALAI COLLEGE OF ENGINEERING, HOSUR, TAMILNADU
	ATAL SPONSORED ONLINE FDP ON ELECTRICAL AND COMPUTER ENGINEERING	NIT, RAIPUR, CHHATTISGARH
	AICTE SPONSORED 6 DAYS NATIONAL LEVEL VIRTUAL STTP ON ASSESSMENT IN ENGINEERING EDUCATION: A PEDAGOGICAL APPROACH	VELAMMAL INSTITUTE OF TECHNOLOGY, MADURAI, TAMILNADU
	AICTE-ISTE SPONSORED ORIENTATION/REFRESHER PROGRAMME ON INDUSTRIAL AUTOMATION AND CONTROL	G.PULLAREDDY ENGINEERING COLLEGE, KURNOOL, ANDRAPRADESH
	AICTE-ISTE-SPONSORED ORIENTATION/REFEESHER PROGRAMME ON INDUSTRIAL AUTOMATION AND CONTROL	G.PULLAREDDY ENGINEERING COLLEGE, KURNOOL, ANDRAPRADESH
	AICTE-ISTE SPONSORED ONE WEEK FDP ON CSI AS TEACHING TOOL FOR 21st CENTURY	KARPAGAM COLLEGE OF ENGINEERING, COIMBATORE, TAMILNADU
	INTERNATIONAL ONE WEEK FDP ON CHALLENGES IN ENERGY MANAGEMENT FOR SMART CITIES	AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY, CHENNAI, TAMILNADU
	AICTE Sponsored FDP ON Emerging Trends and Challenges in VLSI Mixed-Signal Processing for Fourth Industrial Revolution	KONGUNDU COLLEGE OF ENGINEERING AND TECHNOLOGY, TRICHY, TAMILNADU
	AICTE SPONSORED ONE WEEK STTP ON FINITE ELEMENT ANALYSIS ABAQUS	MALLA REDDY ENGINEERING COLLEGE, HYDERABAD, TELANGANA
	NATIONAL LEVEL ONE DAY PDP ON SOLVING DELAY DIFFERENTIAL EQUATIONS USING NUMERICAL METHODS	HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE, TAMILNADU
	AICTE SPONSORED 5 DAYS STTP ON TECHNOLOGY FOR SMART MANUFACTURING USING INDUSTRY 4.0	NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY, BANGALORE, KARNATAKA
	ONE WEEK NATIONAL LEVEL FDP ON ENTREPRENEURSHIP AND CHALLENGES-2021	SHARADA UNIVERSITY, NOIDA, UTTAR PRADESH
	AICTE SPONSORED ONE WEEK STTP ON EMERGING TRENDS IN VLSI TECHNOLOGY	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, HYDERABAD, TELANAGANA
	AICTE SPONSORED ONE WEEK STTP ON EMERGING TRENDS IN ADVANCED SIGNAL & IMAGE PROCESSING	MALLA REDDY ENGINEERING COLLEGE FOR WOMEN, HYDERABAD, TELANGANA
	AICTE SPONSORED FDP ON RELIABILITY ENGINEERING AND SYSTEM SAFETY	VISHNU INSTITUTE OF TECHNOLOGY, BHIMAVARAM, ANDHRA PRADESH

	5 DAYS NATIONAL LEVEL FDP ON INNOVATIVE RESEARCH PROSPECTS IN COMMUNICATION, POWER SYSTEM AND MACHINE LEARNING TECHNIQUES	JEPPIAR INSTITUTE OF TECHNOLOGY, CHENNAI, TAMILNADU
	ONE WEEK NATIONAL LEVEL FDP ON INNOVATIVE RESEARCH PROSPECTS IN COMMUNICATIONS, POWER SYSTEMS AND MACHINE LEARNING TECHNIQUES	JEPPIAAR INSTITUTE OF TECHNOLOGY, CHENNAI, TAMILNADU
	ONE WEEK NATIONAL LEVEL STTP ON INNOVATIONS IN PHYSICS AND CHEMISTRY	Annasaheb Dange College of Engineering & Technology, Ashta, Maharashtra
	3 DAYS INTERNATIONAL FDP ON NEW PARADIGM OF NEXT GENERATION ELECTRONICS AND THE FUTURE TRENDS IN ELECTRONIC SYSTEMS	BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, HYDERABAD, TELANGANA
	AICTE-ISTE SPONSORED ONE WEEK ORIENTATION/REFRESHER PROGRAMME ON ELECTRIC HYBRID VEHICLES	SREE VIDYANIKETAN ENGINEERING COLLEGE, TIRUPATI, ANDHRA PRADESH
	5 DAYS NATIONAL LEVEL FDP ON ADVANCED THERMAL ENERGY SYSTEM	BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI, TAMILNADU
	NATIONAL FDP ON FUTURISTIC TRENDS IN ELECTRICAL ENGINEERING: A RESEARCH PERSPECTIVE	KARPAGA VINAYAGAR COLLEGE OF ENGINEERING AND TECHNOLOGY, CHELGALPATTU, TAMILNADU
	5 DAYS NATIONAL LEVEL FDP ON RESEARCH INTEGRITY AND ETHICS	SRI SAI COLLEGE OF ENGINEERING AND TECHNOLOGY, PATHANKOT, PUNJAB
	TEQIP-III-RTU (ATU) SPONSORED FDP ON ADVANCE TRENDS IN ELECTRICAL ENGINEERING	ARYA COLLEGE OF ENGINEERING I.T & RAJASTHAN TECHNOLOGICAL UNIVERSITY, KOTA
	TEQIP-III SPONSORED FDP ON POWER QUALITY ISSUES AND ENERGY MANAGEMENT IN A GRID INTEGRATED WITH RENEWABLE SOURCES	EINSTEIN ACADEMY OF TECHNOLOGY & MANAGEMENT, BHUBANESHWAR, ODISHA
	AICTE-ISTE SPONSORED ONE WEEK INDUCTION/REFRESHER PROGRAMME ON SENSOR FLOW DEEP LEARNING WITH PYTHON	ARUNACHALA COLLEGE OF ENGINEERING FOR WOMEN, NAGERKOIL, TAMILNADU
	ATAL NATIONAL LEVEL FDP ON INTERNET OF THINGS (IOT)	KONGUNADU COLLEGE OF ENGINEERING AND TECHNOLOGY, TRICHY, TAMILNADU
	INTERNATIONAL LEVEL ONE WEEK FDP ON RECENT ADVANCEMENTS ON ELECTRONICS AND COMPUTATIONAL INTELLIGENCE	SAMBALPUR UNIVERSITY INSTITUTE OF INFORMATION TECHNOLOGY, BURLA, ODISHA
	NATIONAL LEVEL FDP ON RENEWABLE ENERGY CONVERSION AND MANAGEMENT	MAHATMA GANDHI MISSION'S POLYTECHNIC, AURANGABAD
	3 DAYS NATIONAL LEVEL FDP ON MERGING POWER CONVERSION TECHNIQUES FOR RENEWABLE ENERGY AND ELECTRIC VEHICLE APPLICATIONS	ER. PERUMAL MANIMEGALAI COLLEGE OF ENGINEERING, HOSUR, TAMILNADU
	ONE WEEK NATIONAL LEVEL FDP ON INTRODUCTION TO SECURITY MARKET, IPO AND MUTUAL FUND	KC COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES, THANE, MUMBAI, MAHARASHTRA
	NATIONAL LEVEL ONE DAY FDP ON FACULTY ENGAGEMENT, EMPOWERMENT AND JOB SATISFACTION	ARJUN INSTITUTE OF TECHNOLOGY, COIMBATORE, TAMILNADU
	AICTE SPONSORED STTP PROGRAMME ON APPLIED SOFTWARE COMPUTING AND VISION MACHINE TECHNIQUES	DR.MGR EDUCATIONAL AND RESEARCH INSTITUTE, CHENNAI, TAMILNADU

### Faculty Completed NPTEL /COURSERA/ MOOC COURSES in 2021

Ms. G.Sharadha Asst. Professor	Visualizing filters of a CNN using TensorFlow	COURSERA PROJECT NETWORK
	CREATING A FREE BUSINESS PAGE WITH BLOGGER	COURSERA PROJECTNETWORK
	CRITICAL PATH ANALYSIS USING LUCIDCHART	COURSERA PROJECT NETWORK
	INTRODUCTION TO PROJECT MANAGEMENT WITH CLICKUP	COURSERA PROJECT NETWORK
	CONSTRUCT STOCK MARKET INDICES	COURSERA PROJECT NETWORK
	Design on eBook cover that stands out using Canava	COURSERA PROJECT NETWORK
	Introduction and programming with IOT board	Coursera
	Aruba Networking Basics	Coursera
	Creative Thinking: Techniques and Tools for Success	Coursera
	Dog Emotion and Cognition	Coursera
	First Step Korean	Coursera
	Foundations of Mindfulness	Coursera
	Getting Started with AWS Machine Learning	Coursera
	How to Write a Resume (Project-Centered Course)	Coursera

	Introduction to Intel® Distribution of OpenVINO™ toolkit for Computer Vision Applications	Coursera
	Introduction to Personal Branding	Coursera
	Mindfulness and Well-being: Living with Balance and Ease	Coursera
	Personal & Family Financial Planning	Coursera
	Positive Psychology	Coursera
	Sit Less, Get Active	Coursera
	Version Control with Git	Coursera
Ms.S.ASHLESHA Asst. Professor	Visualizing filters of aCNN using Tensor Flow	COURSERA PROJECT NETWORK
	Schedule mails in Google sheets	Coursera Project Network
	create a market presentation using Canva	coursera project network
	create a visualized schedule with google slides	coursera project network
	create a business page with blogger	coursera project network
	design a ebook cover that stands out using canva	coursera project network
	developing a programme management blueprint using clickup	coursera project network
	WIND ENERGY	TECHNICAL UNIVERSITY OF DENMARK
	COST BENEFIT ANALYSIS	COURSERA PROJECT NETWORK
	ADVANCED PROGRAMME DELIVERY FRAMEWORK	COURSERA PROJECT NETWORK
	AWS CLOUDFRONT	COURSERA PROJECT NETWORK
	STOCK MARKET INDICES	COURSERA PROJECT NETWORK
	ADVANCED PROGRAMME PLANNING FRAMEWORK	COURSERA PROJECT NETWORK
	CRITICAL PATH BY USING LUCIDCHART	COURSERA PROJECT NETWORK
Mr.SHIRISHA KONDA Asst. Professor	CONSTRUCT STOCK MARKET INDICES	COURSERA PROJECT NETWORK
	CRITICAL PATH ANALYSIS USING LUCID CHART	COURSEERA PROJECT NETWORK
	CREATING FREE BUSINESS PAGE WITH BLOGGER	COURSEERE PROJECT NETWORK
	DEVELOPING A PROGRAMME MANAGEMENT	COURSEERA PROJECT NETWORK
	DESIGN A E-BOOK COVER THAT STANDS OUT USING CANVA	COURSEERA PROJECT NETWORK

### Faculty attended SEMINAR/WEBINAR in 2021

Mr.Ch. Sairam Asst. Professor	National Seminar on Incubation and startup's Electric Vehicles	Institution Innovation Council of BIET
		PACE Institute of Technology & Sciences
	National Webinar on New Education policy 2020 way Ahead & Research Funding	Electronics & Communication of BIET
	Power Electronic Converters for Smart Microgrid	New Horizon College of Engineering & Technology
	Protecting your Innovations through Patents	Sri Indu College of Engineering & Technology
	Outcome Based Education & National Assessment & Accreditation Council	Mastersoft India in Association with Maharashtra Institute of Technology
	Controlling Megawatts with Power Electronics	New Horizon College of Engineering
	National Webinar on NAAC Accreditation	Electronics & Communication Engineering of BIET
	Exploring Realtime Technology	Mohammad Sathak AJ College of Engineering
Dr Naga Malleswara Rao A Professor	National Education Policy 2020	MQI College of Management Bangalore
	Wireless Power Transfer Technology in Electric Vehicle	SICET
Ms..Sharadha Asst. Professor	Identify IP Component at the early stage of Innovation	Teerthanker Mahaveer University, Moradabad
	INNOVATIONS IN SCIENCE AND TECHNOLOGY	NNARASIMMA ARTS ,COMM AND SCIENCE
Mr.J SRINIVAS Asst. Professor	The Future Electrification of Urban Transport	IET THE INSTITUTION OF ENG AND TECH
Mr.J. Rakesh sharan Asst. Professor	NAAC RELATED QUALITY ENHANCEMENT STRATEGIES FOR HEIs & PREPARATION OF NAAC DOCUMENTS" organized by The IQAC,	Belda Institutions
	Mathematical Formulation and Application of Kernel Tensor Decomposition Based Unsupervised Feature Extraction" Organized by IEEE Information Theory Society (ITS) Bangalore Chapter in Association with IEEE Bangalore Section & IEEE Mysore Sub Section	IEEE Information Theory Society (ITS) Bangalore Chapter in Association with IEEE Bangalore Section & IEEE Mysore Sub Section on 15th February



	"Motion Control of Minimally Invasive Surgical Robots"	IEEE Mysore Sub Section
	"on Working with dSPACE Rapid-Control Prototyping Tools"	IEEE Mysore Sub Section
	Intellectual Property "Know Your Rights"	Sadhu vaswani autonomous college
Mr.J. Rakesh sharan Asst. Professor	Ecological Reconversion of Cars: the Case of Solar Hybridization, in Association with IEEE Bangalore Section & IEE..."	Your certificate is here for "E-certificate in Association with IEEE Bangalore Section & IEE..."
	Towards Connected Cities: Smart Cop "	IEEE MYSORE SUBSECTION
	Communication skills & personality development	Govt college tamia
	Antenna array processing for wireless power transfer in near field application	IETE mysuru
	"National Education Policy 2020 : Policy Vision and Higher Education"	Institution
	Detection of Cyber Grooming through the use of Behavioral Biometrics	IEEE Information Theory Society (ITS) Bangalore Chapter
	" Intelligent receiver design and future communication for 6G technology "	IETE Mysuru Centre
	Professional Member Conclave	Student Coordination Team, IEEE Bangalore Section!
	National Education Policy 2020	MQI college of Management
	'Cognitive Buildings	IEEE Mysore Subsection in association with IEEE Bangalore Section
	Role of youth in nation building	Govt college tamia
	"Outcome Based Education	SIDDHARTHA INSTITUTE OF ENGI & TECH
	outcome based policy	Siddhatha Institute of Engineering & Tech
	Power Electronics-A Drive Force for Electric Vehicles	Vignan Institute of Technology & Science
	ROLE OF TEACHERS IN NEP IMPLEMENTATION-AWARNESS ORIENTATION, CHALLANGES & RESPONSE	TELANGANA UNIVERSITY WITH BHARATIYA SHIKSHAN MANDAL
	"CAREER OPPORTUNITIES IN ELECTRICAL AND ELECTRONICS ENGINEERING"	Joginpally B.R Engineering College
	"Post Pandemic Future	SICET
	"Design Thinking for Introducing 3-D Printing and Industry 4.0 Technologies in Sri Lanka"	"Mechanical Engineering Department" IITE, Indus University, Ahmedabad
	POWER ELECTRONICS	VIGNAN COLLEGE
	Trust worthiness and reliability in engineering and it professionals	Viganan foundation for science
	Financial empowerment through strategic planning investment in mutual funds	Acharya Institute Of Graduate Studies
	Power electronics -driving force for electrical vehicle	Vignan institute of engineering and tech
	Entrepreneurship and Start-Ups: Multi Dimensional Perspectives on Innovation and Growth	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING
	Electronics and Computing Technology	Sambalpur University Institute of Information Technology (SUIIT), Burla, Odisha, India
	Power Electronis - A Driving force for Electric Vehicle	VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE HYDERABAD
	MULTI LEVEL INVERTER FOR PV APPLICATION	CHALAPATHI INSTITUTE OF ENGINEERING AND TECHNOLOGYN GUNTUR
	IPR CELL	SICET
	E-Resource of NDLI	Vivekanda college of science Humanities & commerce
	Recent Electrical Technology & Opportunities	SIDDHARTHA INSTITUTE OF ENG & TECH
	Trustworthiness & Reliability of Engineering and IT Professionals	Vignan's Foundation for Science, Technology and Research (Deemed to be University)
	"Innovation and Entrepreneurship- The New Normal"	SRSri indu college of engineering and technology
	RESEARCH PAPER PUBLICATION FOR PHD SCHOLARS	research graduate the best phd consulting company
	basic to advaced guide to sythetic literature review and meta analysis	RESEARCH GRADUATE

	machine learning applications in electrical engineering	BIET
	Power electronics a driving force for electrical vehicle	Vignan institute of technology and science
	Trustworthiness and reliability of engineering and it professionals	Vignan institute of technology and science
	Health and wellness program 2021	leee bangalore section
	Cooling systems developments and significance in thermal applications	Nadar saraswathi college of engineering and technology
	Renewable energy: smart Micro- grid	Mandsaur University
	National education policy	Siddhartha institute of engineering and technology
	"Indoor Localisation In Wireless Sensor Network"	ITS
Mr.S. N. Ashlesha Asst. Professor	Trustworthiness & Reliability of Engineering IT professional	Vignas foundation for science and technology
	Power electronics-A Driving force for Electric vehicle	Vignan Institute of technology and science
	Energy Conservation and Sustainability	vellore institute of technology
Ms.SHIRISHA KONDA Asst. Professor	Research projects and patenting	narayana engineering college nellore
	ENERGY CONSERVATION AND SUSTAINABILITY	VELLORE INSTITUTE OF TECHNOLOGY
Mr.T.SRINIVAS Asst. Professor	International Webinar on "Exploring Realtime Technology"	SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY.
	National Webinar on NAAC Accreditation	SICET
	International Webinar on "Exploring Realtime Tech	MOHAMED SATHAK A J COLLEGE OF ENG
	National Webinar on NAAC Accreditation	Bharath institute of engineering and tech
	National Webinar on New Education Policy 2020: Way Ahead and Research Funding	Bharath institute of engineering and technology
	power electronics converters for smart microgrid	new horizon college of engineering
	Controlling megawatts with power electronics	new horizon college of engineering
	Webinar on "Recent Electrical Technologies & Opportunities"	SIDDHARTHA INSTITUTE OF ENGINEERING & TECHNOLOGY
	Fractional Order Controller-Design and Implementation-2021"	SREE VENKATESWARA COLLEGE OF ENGG
	National Seminar on Incubation and Start ups	Bharath institute of engineering and tech
	"Power Electronics for Renewable Energy Applications	sree vidyanikethan engineering college
	"protecting your innovations through patents"	SICET
	IoT – Force Multiplier in driving access to care	IET The institution of engineering and tech
	An introduction to IoT	IET The institution of engineering and tech
	The Future Electrification of Urban Transport	IET The institution of engineering and tech
Mr.TALLA VENU GOPAL Asst. Professor	Renewable Energy for greening the grid	Shri Ramdeobaba College of Engineering and Management
Mr.V SRINIVASA CHARY Asst. Professor	MULTILEVEL INVERTER FOR PV APPLICATIONS	CHALAPATHI INSTITUTE OF ENG & TECH
	POWER ELECTRONICS-A DRIVING FORCE FOR ELECTRIC VEHICLE	VIGNAN INSTITUTE OF TECHNOLOGY AND SCIENCE
	Renewable Energy Technology-Wind	SRM TRP Engineering college, Trichy
Mr.VENKATESH E Asst. Professor	PROTECTING YOUR INNOVATIONS THROUGH PATENTS	SICET
	Exploring Realtime Technology	MSAJCE, Chennai
	Power Electronic Converters for Smart Micro Grid	New horizon college of engineering
	Controlling maga watts with power electronics	NEW HORIZON COLLEGE OF ENGINEERING
	Recent Electrical Technologies & Opportunities	SIDDHARTHA INSTITUTE OF ENG & TECH
	ARTIFICIAL INTELLIGENCE	SANSKRITHI SCHOOL OF ENGINEERING
	National Webinar on NAAC Accreditation	BIET
	ROLE OF POWER ELECTRONIC IN ELECTRICAL VEHICLES & CHARGING INFRASTRUCTURE	VIGNAN'S FOUNDATION FOR SCIENCE TECHNOLOGY &
	ISSUES IN GRID INTEGRATION OF RENEWABLE ENERGY	VIGNAN'S FOUNDATION FOR SCIENCE TECH
Mrs. P.Mallikarjun Asst. Professor	Power Electronics - a Driving Force for Electric Vehicles	VITs, Hyderabad

## DEPARTMENT OF CIVIL ENGINEERING

### INDUSTRIAL TOUR.



### PROJECT EXPO-2021



- 162 Students Completed Online Certificate Courses from COURSERA , foreign Universities.

### FACULTY ACHIEVEMENTS:

The following Faculty attended FDP/STTP/Refresher Program Workshops in 2021

Name & Designation	Topic	Organized Institution
Mr.D.RAJENDRA BABU Assoc. Professor	E-RESOURCE OF NDLI	BHAVAN'S VIVEKANANDA COLLEGE
	PLAGIARISM AND UGC POLICY	JAIN UNIVERSITY
Ms.Mohammed Asra jabeen Asst. Professor	Pavement design construction and Rehabilitation	Vignana bhārathi institute of technology
	Innovative teaching strategies	SICET
	Advanced construction and design tools	St johns college of engineering and management palghar
	NPTEL E awareness workshop	IIT Madras
Ms.D.Swapna Asst. Professor	Advanced Teaching Methodologies & Communication Skills	IMPARTA Training Academy
	Innovative Teaching Strategies	SICET
Ms.M.Swathi Asst. Professor	Innovative teaching strategies	SICET
	Innovative teaching strategies	SICET
Ms.Joshna Manjarekar Asst. Professor	basics of structural engineering	annamacharya institute of technology and science
	"INFLUENCE OF NANO ADDITIVES IN PERFORMANCE CHARACTERISTICS OF CEMENT CONCRETE"	CHRISTU JYOTHI INSTITUTE OF TECHNOLOGY AND SCIENCE
	role of geology in civil engineering	SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY
Mr. L KRISHNA Asst. Professor	One day Faculty Development Programme on INNOVATIVE TEACHING STRATEGIES	SICET
	Recent Trends in Civil Engineering"	BALAJI INSTITUTE TECH AND SEIENCE
	Infrastructure Planning-	KDK COLLEGE OF ENGG
	Plagiarism and UGC policy	Jain deemed to be university
K.Rahul	NPTEL E-awareness	NPTEL



## 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 42207 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**

**Mr. P.Dayakar Reddy, Librarian, participated/attended National and International Level Workshops/Webinars :**

- SPOC NPTEL awareness program on 22-12-2021 organized by SWAMY-NPTEL Local Chapter, IIT Madras.
- NPTEL E-Awareness Workshop on 04-01-2021 organized by IIT Madras.
- Participated in "Role of Library department in Accreditation of Higher Education- NAAC & NBA Frame work" by NMITD on 23-01-2021.
- Participated in National Webinar on Effective and Efficient Writing of Research Papers for the Web of Science, Scopus Indexed journal and Conference papers on 11-06-2021 by Hyderabad Institute of Technology.
- Attended webinar on IPR, Patents and Career opportunities
- Participated in National Level Webinar on "Plagiarism and UGC Policy by Jain Deemed to be University" on 05-03-2021.
- **Organized** webinar on Awareness Programme on NDLI in association with IIT Kharagpur
- National webinar on Open Source Effective Tools to Transform Libraries by INMANTEC Institutions on 18-06-2021
- Completed Online Certificate courses on "Setting up a Digital Library with EPIC" through Coursera Project Network on 29-6-2021
- Completed online Certificate course on "Creating a free business page with blogger through Coursera Project Network on 29-06-2021.



**Library Orientation for B.Tech. 1<sup>st</sup> year students**

# 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 253 courses completed form SWAYM NPTEL.**

### COURSERA:

College has registered “Coursera for Campus Programme” World top MOOC Courses from California, United States. So far 4396 MOOC online certificate courses completed from COURSERA by Faculty and students from reputed foreign universities.

S.No	Name of the Course	Completed Courses	Name of the University
1	Introduction and Programming with IoT Boards	818	Pohang University of Science and Technology
2	How to Write a Resume (Project-Centered Course)	742	The State University of New York
3	Getting Started with AWS Machine Learning	170	Amazon Web Services
4	AWS Cloud Technical Essentials	73	Amazon Web Services
5	Programming for Everybody (Getting Started with Python)	73	University of Michigan
6	Programming Foundations with JavaScript, HTML and CSS	65	Duke University
7	Introduction to Basic Game Development using Scratch	42	Coursera Project Network
8	AWS Cloud Practitioner Essentials	28	Amazon Web Services
9	Wireless Communications for Everybody	27	Yonsei University
10	Python Basics	26	University of Michigan
11	Code Yourself! An Introduction to Programming	24	The University of Edinburgh
12	AI For Everyone	23	DeepLearning.AI
13	Create a Budget with Google Sheets	22	Coursera Project Network
14	Critical Path Analysis Using Lucidchart	20	Coursera Project Network
15	Introduction to the Internet of Things and Embedded Systems	15	University of California, Irvine
16	Machine Learning Pipelines with Azure ML Studio	14	Coursera Project Network
17	Getting Started with Azure DevOps Boards	13	Coursera Project Network
18	Build a Full Website using WordPress	13	Coursera Project Network
19	Psychological First Aid	13	Johns Hopkins University
20	Manage Content Marketing using Google Docs	12	Coursera Project Network
21	Introduction to Java	11	LearnQuest
22	Create a Website Using Wordpress : Free Hosting & Sub-domain	11	Coursera Project Network
23	Getting Started in Google Analytics	10	Coursera Project Network
24	Crash Course on Python	10	Google
25	Creating a Free Business Page with Blogger	9	Coursera Project Network
26	Java Programming: Solving Problems with Software	9	Duke University
27	Introduction to AWS Identity and Access Management	8	Amazon Web Services
28	C for Everyone: Programming Fundamentals	7	University of California, Santa Cruz
29	Data Structures	5	University of Michigan
			<b>Many more...</b>



# PHYSICAL EDUCATION

## ACHIEVEMENTS

- **Mr.B.Bhanu Prakash** and **Mr. Govind Dixith** Participated in Rishi's Senior State level open chess Tournament- 2021, held at Rishi MS Institute of Engineering & Technology, Hyderabad from 27-12-2021 to-28-12-2021.
- **Mr.B.Bhanu Prakash**, 3<sup>rd</sup> Year Participated in Chess Tournaments and won 1<sup>st</sup> Prize organized by Telangana Youth Games Development Federation organized at Hyderabad.
- **Mr. O . Vivek** and 2<sup>nd</sup> Year Participated in Chess Tournaments and won 2<sup>nd</sup> Prize organized by Telangana Youth Games Development Federation organized at Hyderabad.

- Sri Indu Cricket Team won CRICKET Cup, organized by Telangana Youth Games Development Federation organized at Hyderabad.
- Sri Indu Volly Ball Team Won Cup, organized by Telangana Youth Games Development Federation organized at Hyderabad.
- Sri Indu KABADDI Team won Cup, organized by Telangana Youth Games Development Federation organized at Hyderabad.
- Received 1<sup>st</sup> and 2<sup>nd</sup> prize in Chess Tournament organized by Telangana Youth Games Development Federation organized at Hyderabad.



1<sup>st</sup> and 2<sup>nd</sup> prize in Chess Tournament



Winning Trophy in Volley Ball



Winning Trophy in KABADDI



Winning Trophy in CRICKET



Sri. R. Venkat Rao, Chairman and Sri. R. Anup Chakravarty, Secretary with NCC Students

## సాక్షి రంగారెడ్డి

ఆదివారం : 9 : జనవరి, 2022

**సీనియర్స్ :** \* యూనివర్సిటీ కాలేజ్ ఆఫ్ సైన్స్: 34 (కెవ రాజ్ 21, హాశర్ రావు 7/0), ఆ రోజు డిగ్రీ, వీజ్ కళాశాల: 38/0 (కౌశిక్ 22 నాటాట్), \* భవన్ శ్రీ వివేకానంద డిగ్రీ కళాశాల: 166/4 (కౌశిక్ 90, విమల శర్మ 59, ప్రవీణ్ 1/12), యూనివర్సిటీ కాలేజ్ ఆఫ్ విద్యాలయ: 40/9 (విజయ 2/3), \* అసంత కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ విద్యాలయ: 77/3 (లక్ష్మణ్ 49, నవ్ తేజ్ 2/18), శ్రీ జంతు కాలేజ్ ఆఫ్ ఇంజనీరింగ్ అండ్ విద్యాలయ: 81/2 (వైతన్య 30, ముతేజ్ 23), \*

కౌండిన్య 3/14), కేవీఆర్ కనీ (హిమాయత్ నగర్): 84/6 (అనైడ్ 36, క్రావత్ 3/8), \* నారాయణ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ (హిమాయత్ నగర్): 73/6 (విజయ 2/9), సౌత్ ఇన్స్టిట్యూట్ ఆఫ్ విద్యాలయ అండ్ సైన్స్ (ఆర్ ఎస్): 74/3 (అర్జున్ 17, ప్రసాద్ 2/13), \* జూనియర్స్: భవన్ శ్రీ అర్ వింద్ జూనియర్ కళాశాల (సైనిక్ పురి): 168/4 (ఇమాన్ 60, జవీయాన్ 56, చందు 2/25), ప్రభుత్వ జూనియర్ కళాశాల (కాచిగూడ): 62 (చందు 17, హరీష్ 5/7, జవీయాన్ 2/3), \* పద్మ కౌన్సిల్ ఆఫ్ ఇంజనీరింగ్ అండ్ విద్యాలయ కళాశాల





 **CRICKET GROUND**



**BHASKET BALL COURT**



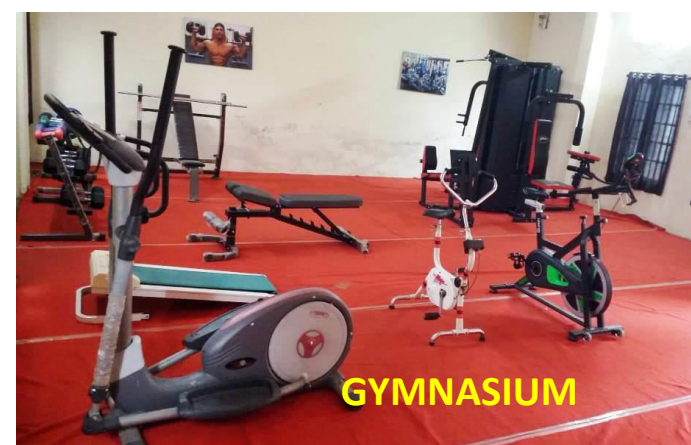
**VOLLEY BALL COURT**



**THROUGH BALL COURT**



**INDOOR GAMES**



**GYMNASIUM**





## IMPORTANT DAY CELEBRATIONS

- Teachers Day – 5<sup>th</sup> September
- Graduation Day
- Engineers' Day – 15<sup>th</sup> September
- Technical Fest/Project Expo
- Women's day- 8<sup>th</sup> March
- Traditional Day
- Sports Day – 29<sup>th</sup> August
- Yoga Day – 21<sup>st</sup> June
- Republic Day & Independence Day
- Constitution Day
- Fresher's Day & Farewell Functions
- AICTE Fit India Movement – 16-20 December
- Annual Day Celebrations



**Teachers Day Celebrated on  
5<sup>th</sup> September 2021**



**National Mathematics Day  
Celebrated on 22-12-2021 by Speaker  
Dr. SVHN Krishna Kumari**



**National pollution control day on  
2<sup>nd</sup> December 2021**

### Republic Day & Independence Day Celebrations



**International day of Yoga (IDY) – 2021:** 5<sup>th</sup> International Yoga Day on 21-06-2021. Faculty and Students actively participated with various Asanas demonstrated By Sri. Sathyanarayana & Sri. Balakrishna Reddy, Administrative officers of SICET.



**Staff and Students participated in AICTE FIT INDIA MOVEMENT during 16-20 December 2021**







## OTHER FACILITIES



ICT Tools Based Class Rooms



Canteen



Transportation



Skill Development Cell



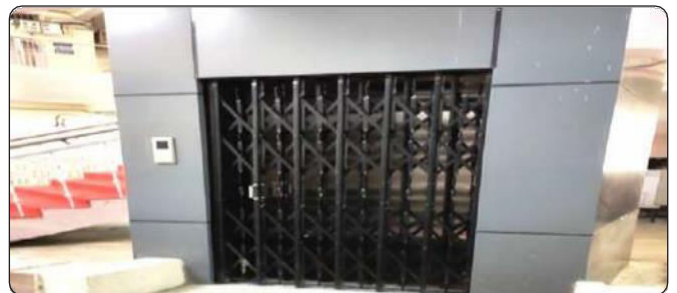
RO Water Plant



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

