

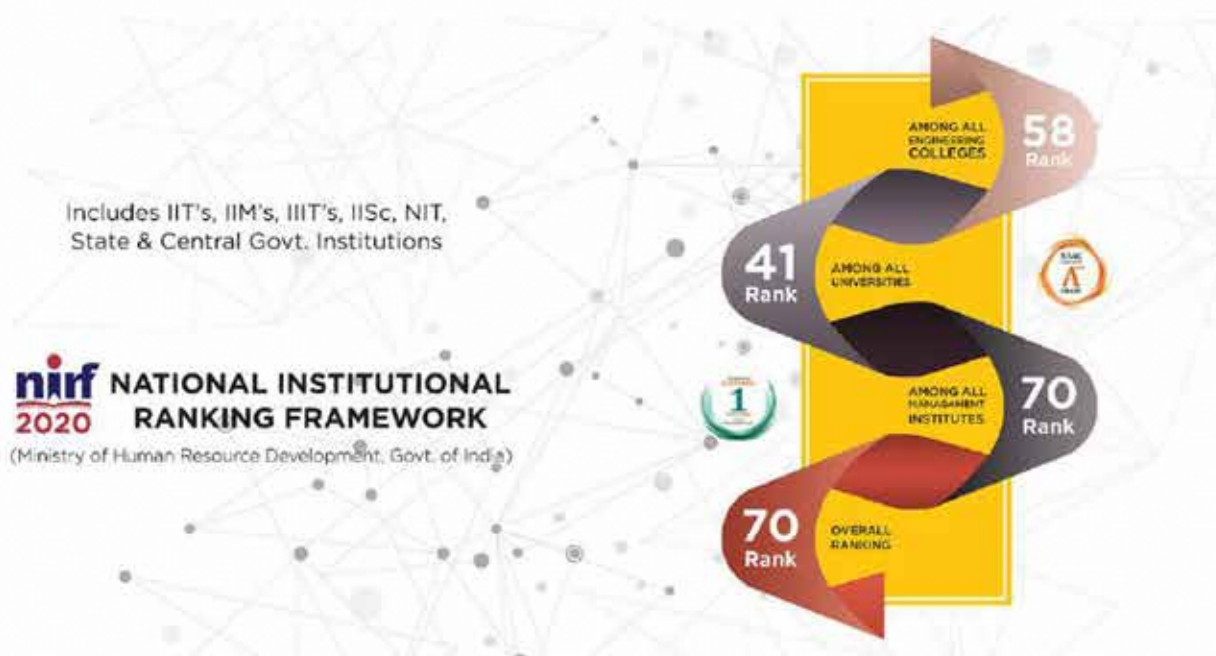


PANORAMA

VOLUME 12 | ISSUE 3 | JANUARY 2021

Con-grad-ulations Rising Talents





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KL PANORAMA

VOLUME 12
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Jan 2021

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INDEX

	PG. NO.
CONVOCATION	05
CIIE	07
ACADEMIC STAFF COLLEGE	13
HOBY CLUBS	18
NSS	23
NCC	39
CEA	58
YRC	46
DEPARTMENT OF BIO TECHNOLOGY	63
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING	65
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING	68
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING	75
DEPARTMENT OF ELECTRONICS & COMPUTER SCIENCE ENGINEERING	82
DEPARTMENT OF PHYSICS	89
DEPARTMENT OF MATHEMATICS	94
DEPARTMENT OF COMMERCE	101
DEPARTMENT OF MECHANICAL ENGINEERING	103
DEPARTMENT OF CIVIL ENGINEERING	109
CAMS	113
LAW	115
PHARMACY	117
DEPARTMENT OF PHYSICAL EDUCATION	120
KLH	127

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PRESIDENT'S MESSAGE

Dear Reader,

Welcome to the January 2021 Issue of the Panorama, the K L News Letter. Being innovative is about looking beyond what we currently do well, identifying the great ideas of tomorrow and putting them into practice. KL's 9th & 10th convocation was conducted in a hybrid mode with a physical in-person ceremony with limited attendance and an online webcast reaching out to all graduating students, their parents, distinguished alumni, invited guests and everyone else. Padma Vibhushan Awardee and former Director General of the Council of Scientific and Industrial Research(CSIR) Dr. Raghunath Anant Mashelkar, Padma Bhushan Awardee and Distinguished Scientist Dr. Vijay P Bhatkar, Dr. Avichal Kapur, Joint Secretary, University Grants Commission had graced the occasion via blended mode and the degrees were conferred on 2018 & 2019 graduating students. I extend my heartiest congratulations to all the graduated students, gold and silver medal winners, parents, teachers as well as the support staff for making this event a grand success.

Universities are responsible for preparing the next generation of leaders, scientists, and researchers. They must constantly review their pedagogical practices to ensure that they remain up to date with developments in teaching practice and technology, and provide the best possible guidance and support to their learners. Active learning is the process whereby students engage in activities that promote analysis, synthesis and evaluation of class content.

Current practices at KL towards the enhancement of the educational experience through the online learning, Remote labs, Project- and problem-based learning make the students gain knowledge and skills. Over the past few months, our faculty had moved towards the blended mode of delivery which provided an excellent educational experience for our students. In addition to ensuring our students' learning experiences and growth opportunities are not disrupted, our university has made numerous changes to our academic and student support policies with the goal of helping our students.

This issue of newsletter covers the events including 9th & 10th convocation, Department events, Series of lectures, workshops, training programs organized by academic staff college, along with sports related activities. Experts from academic and corporate sectors shared their experiences with the students and faculty members. The achievement by our faculty members in the form of paper Publications are also recorded in this issue.

The Graphics Design team made efforts to present this issue in aesthetic and appealing way. The Editorial Team hopes that the issue will meet the expectations of the web readers.

Happy Reading!!!



President
Er. Koneru Satyanarayana

- Er. Koneru Satyanarayana
President - KLEF

IX & X CONVOCATION

Ninth and Tenth Annual Convocation of KL Deemed to Be University was held on 23rd December 2020 in blended mode.

Padma Vibhushan Awardee and former Director General of the Council of Scientific and Industrial Research(CSIR) Dr. Raghunath Anant Mashelkar, Padma Bhushan Awardee and Distinguished Scientist Dr. Vijay P Bhatkar, had graced the occasion as chief guests. Dr. Avichal Kapur, Joint Secretary, University Grants Commission was the guest of honour.

Students from various disciplines had received their degrees during the convocation. KLEF had conferred 165 PhD degrees during the convocation along with 145 gold/silver medals and cash awards were presented to those who had secured first and second ranks.

The Board of Management of K L E F had conferred Honorary Degree of 'Doctor of Science' (Honoris Causa) on Padma Vibhushan Awardee Dr. Raghunath Anant Mashelkar former Director General of the Council of Scientific and Industrial Research(CSIR), Padma Bhushan Awardee Dr. Vijay P Bhatkar, Distinguished Scientist and Dr. Avichal Kapur, Joint Secretary, University Grants Commission.







INNOVATION CONTESTS, IDEATION PROGRAMS & BOOT CAMPS FOR INNOVATORS & STARTUPS

CIIE has released the following circulars on Ideation events, Boot camps and other Innovation Contests during October – December 2020

- ✓ Call for Research proposals on Indian Traditional Knowledge System (IKS) by MHRD Innovation Cell (MIC), Govt. of India released on 6th November 2020
- ✓ .Call for Paper Writing and Research Report on Innovation – Event by CIIE released on 17th December 2020
- ✓ CoWIN Grand Challenge for Strengthening COVID Vaccine Intelligence Network by MoHFW & MeitY, Government of India released on 30th December 2020
- ✓ .Aatmanirbhar Toys Innovation Challenge – Create a Toy based Game reflecting Indian Tradition or Culture released on 30th December 2020

Impact of Design on Innovation and Startup Ecosystem

IP Facilitation Center (IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) jointly with M/s Spread Design & Innovation on 5th Oct 2020. Mr. Shwetabh S.Verma has delivered awareness on design & its impact on Innovation & startups delivered to the second and third year students of Civil & Mechanical Engineering students. While design for social impact is a relatively new field in the formal sense, certainly all design has social impact. From the utensils designed to influence how and what we eat, to the apps that affect our brain chemistry and our personal relationships, all design impacts the social realm. The elements, or principles, of visual design include Contrast, Balance, Emphasis, Movement, White Space, Proportion, Hierarchy, Repetition, Rhythm, Pattern, Unity, and Variety. These principles of design work together to create something that is aesthetically pleasing and optimizes the user experience



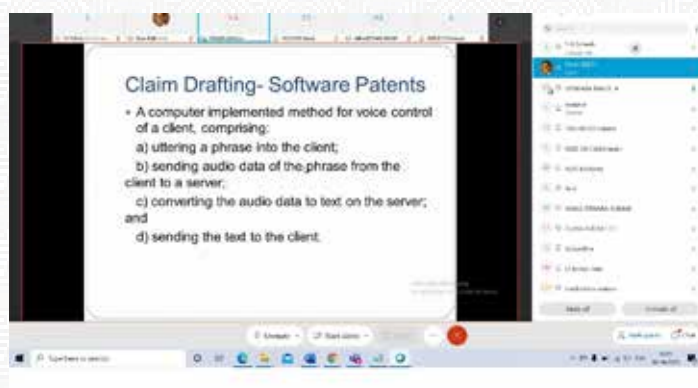
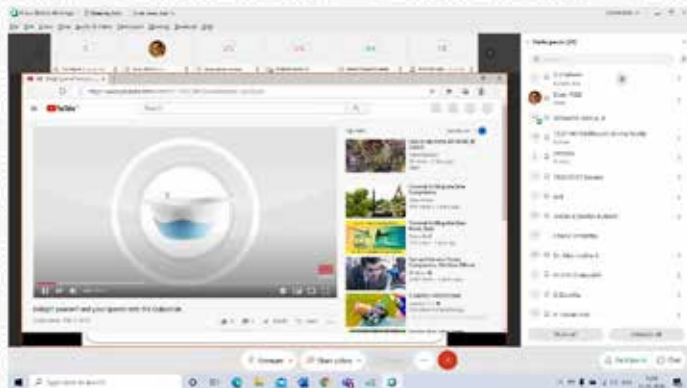
Competitive case analysis on a product manufactured by different manufacturers



A Case Study for Attractive and usable features in kids tooth brush

PATENT DRAFTING AND FILING

IP Facilitation Center (IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) on “Patent Drafting & Filing” on 16th Oct 2020 and Mr. Rahul Agarwal was the resource person to give awareness on Patent Drafting & Filing to all the students and faculty of KL University. The event gave an overall basic knowledge and awareness on patent drafting, wording to be used in drafting and the filing process with Indian Patents Office. The resource person is a registered patent agent with India Patents Office, Govt. of India. Few of the Screenshots



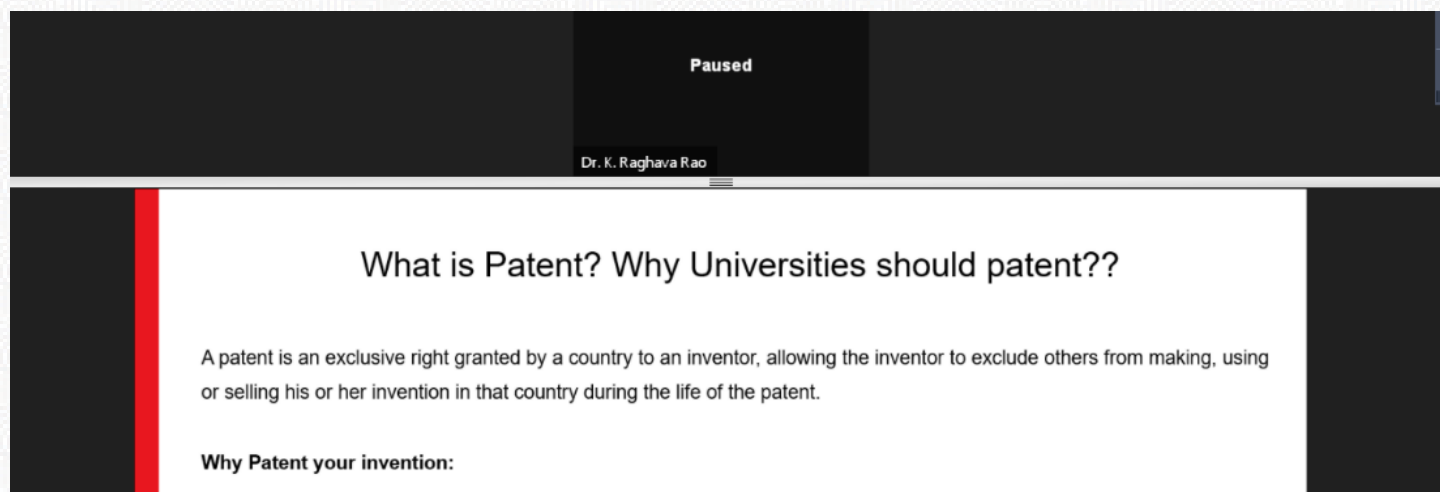
Resource person explaining on claim drafting during the session

ADVANCING & SAFEGUARDING THE RESEARCH WORK WITH PATENT SEARCH

IP Facilitation Center (IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) jointly with M/s LexisNexis India Pvt. Ltd on 17th Oct 2020 with Mr. Sachin Sharma and Mrs. Tharraniswari Gunasekaran the resource person to give awareness on safeguarding research through proper patent search. The event gave an overall knowledge and awareness on patent search with the aid of patent search database software to the students and faculty in daily life. Patent databases provide protection for the invention to the owner of the patent for a limited period which varies from country to country.



Dr. K. Raghava Rao,
Convener of the event addressing the participants.



Resource person explaining the necessities of patent

PARTICIPATION OF CIIE IN FIRST PRSG MEETING TO REVIEW PHYSICAL AND FINANCIAL PROGRESS OF TIDE 2.0 CENTERS (WEST & SOUTH-WEST ZONE CLUSTERS BY MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY (MEITY)

Center for Innovation, Incubation & Entrepreneurship (CIIE) has participated in the first review meeting to review physical and financial progress of TIDE 2.0 Centers for West & South-West Zone Clusters held on 15th October 2020 through online. The following is the list of TIDE 2.0 centers participated and presented their report on the progress on the grant released during the year 2019-2020

- a. Centre for Innovation Incubation and Entrepreneurship (CIIE), IIM Ahmadabad
- b. Society for Innovation and Entrepreneurship (SINE), IIT, Bombay
- c. International Centre for Entrepreneurship and Technology (iCreate), Ahmadabad
- d. IIM Udaipur Incubation Centre, Udaipur
- e. Gujarat University Startup and Entrepreneurship Council (GUSEC), Ahmadabad
- f. Atal Incubation Centre, Banasthali Vidyapith, Tonk
- g. JECRC Incubation Centre, JECRC University, Jaipur
- h. Pilani Innovation and Entrepreneurship Development Society, BITS Pilani
- i. AIC - Pinnacle Entrepreneurship Forum, Pune
- j. Sandip Technology Business Incubator (TBI), Sandip University, Nashik
- k. AIC - Centre for Cellular & Molecular Biology (AIC-CCMB), Hyderabad
- l. i-TIC Foundation, IIT Hyderabad
- m. SR Innovation Exchange, Warangal Affiliated to JNTU, Hyderabad
- n. IIM Visakhapatnam Incubation Center, Visakhapatnam
- o. Atal Incubation Centre - ALEAP We-Hub, Hyderabad (Association of Lady Entrepreneurs of India)
- p. Dayananda Sagar Entrepreneurship Research & Business Incubator (DERBI) Foundation, Bengaluru
- q. KLE Centre for Technology Innovation and Entrepreneurship, KLE Technological University, Dharwad
- r. CIIE, KL University, Guntur
- s. PSG Science and Technology Entrepreneurial Park (PSG-STEP), PSG College of Technology, Coimbatore
- t. Vellore Institute of Technology - Technology Business Incubator (VITTTBI)

CIIE is one of Top Performer IICs & got ranking of All 5 – Star Rating Institutes by MoE's Institutions Innovation Council, Government of India

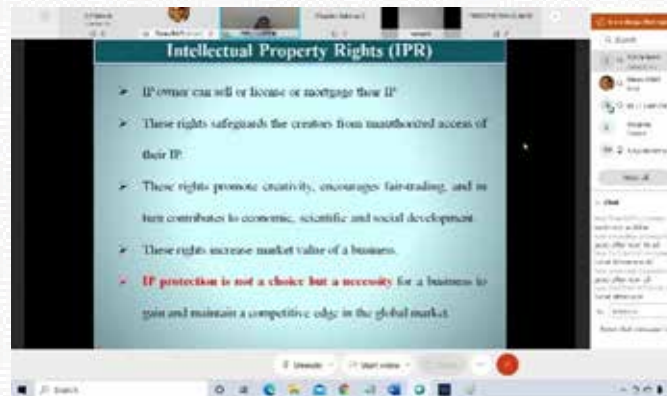
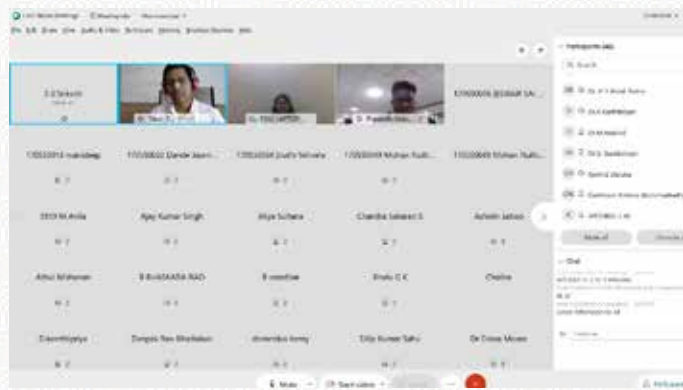
MoE's Innovation Cell has launched and implementing various policy programs such as Smart India Hackathon, International Hackathons, Atal Ranking of Institutions on Innovation Achievements (ARIIA), establishment of Institution's Innovation Councils (IICs) and National Innovation and Start-up Policy (NISIP) for Higher Education Institutions (HEIs) to engage, encourage and channelize the creative energy and entrepreneurial potential of Indian youths to build innovations and enterprises. Center for Innovation, Incubation & Entrepreneurship (CIIE) is participating in all the events conducting by MoE Institution Innovation Council along with its self driven activities on startup ecosystem. CIIE of our university is participating in IIC activities since 2018 and for the year 2019-2020 got recognition with All 5 – Star rating



INNOVATION AND INTELLECTUAL PROPERTY RIGHTS

KL Intellectual Property Facilitation Center (KL IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) with M/s Sailaja Sarvepalli & Co., on 24th Nov 2020 with Ms. Sailaja as the resource person to deliver on 'Innovation and Intellectual Property Rights'. The event gave an overall edge on innovation and novelty in the design& distinguishing features during patent filing process. This was well received by all the participants of the webinar – students, faculty, Startups, MSMEs and other industry participants. The following are the key topics discussed by the speaker

- a. Innovation and Intellectual Property
- b. Inventions and patents



Dr. K. Raghava Rao, PI-KLIPFC
inviting the participants and addressing the webinar

Delivery on key topic by resource person

WHY DO PATENTS.. THE NEED AND BENEFITS OF IPR

KL Intellectual Property Facilitation Center (KL IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) on the topic "Why do Patents.. The need and benefits of IPR" with M/s Novocus Legal, on 27th Nov 2020 with Ms. Ruchica Kapoor as the resource person. The webinar gave an overall edge on the need of patents and usefulness in building financial strength to the individuals and organizations. The following is the list of key topics delivered by the speaker

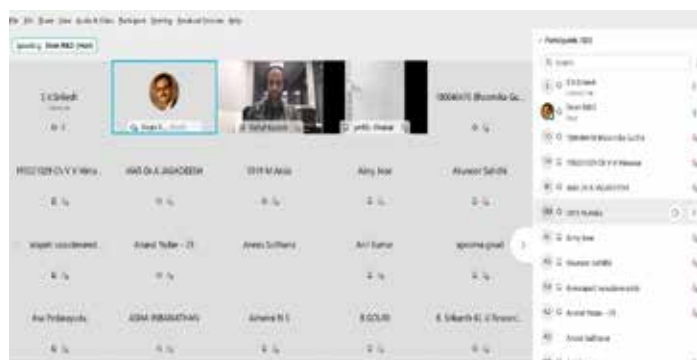
- Benefits of IPR, b.Types of IPs, c.Copyright, d.Copyright, e.Design Rights, f.Trademarks, g.Trade Secrets**



Delivery on Key topics by the Speaker

PRACTICAL OVERVIEW OF THE INNOVATION PROCESS: FROM IDEA TO PATENT

KL Intellectual Property Facilitation Center (KL IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) with M/s Turnip Solutions on 5th Dec 2020 with Dr. Rahul Kapoor as the resource person to deliver on 'Practical Overview of the Innovation Process: From Idea to Patent'. The event gave an awareness and knowledge on identifying the components of innovation for patenting and importance of elaboration of the novelty in proper documentation for quick filing of the patent and fast processing for patent evaluation and awarding it to the applicant. This was well received by all the participants of the webinar – students, faculty, Startups, MSMEs and other industry participants. The speaker has delivered a very interesting delivery on the topic “Patentability of the invention” to justify whether the innovative idea (invention) falls under patentable subject matter (category), more specifically if the invention is patentable or not shall be found with the help of the Patent agent and patent attorney (known as Prior Art Search of Patent Literature).



Resource person addressing the participants of the event



Delivery on the topic by the resource person

PARTICIPATION OF CIIE IN THE WORKSHOP “FASTSTART INCUBATION OPERATIONS” CONDUCTED BY IIITH, IIMB, IITB, IITM & FORGE ACCELERATOR

A workshop mode program was organized by CIE-IIITH jointly with NSRCEL - IIMB, FORGE Accelerator, C-CAMP, IITM Incubation cell, IIT Bangalore to collectively foster entrepreneurship and create holistic innovation ecosystem amongst incubation operation team members. The workshop was held through online mode in two parts: 7th & 8th and 14th & 15th December 2020. This workshop was a deep engagement workshop to help new incubators understand incubator operations, its various facets, programs, organization structures and resource models, start-up enablement, etc. The following is the list of members participated from Center for Innovation, Incubation & Entrepreneurship (CIIE) of KL Deemed to be University



FastStart Workshop & its contents

S. No	Name of the Participant	Designation
1	Dr. Krovi Raja Sekhar	Associate Dean & Head (CIIE)
2	Dr. K Raghava Rao	Incubation Manager (CIIE)
3	Mr. S Venkata Sriresh	Assistant Professor for Design & CIIE

VIRTUAL CONFERENCE 'MAKE IN ANDHRA, AN INNOVATION SUMMIT – CHALLENGES & OPPORTUNITIES FOR START-UPS, MSMES, ENTREPRENEURS AND SKILLING'

KL Intellectual Property Facilitation Center (KL IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized virtual conference with eminent personalities from different field on 19th Dec 2020 with Mr.Goutham Reddy, Industries, Commerce, and Information Technology Minister, Government of Andhra Pradesh as chief guest and key note speaker to deliver on 'Make in Andhra, An Innovation Summit – Challenges & Opportunities for Startups,MSMEs and Entrepreneurs'.

Panel speakers of the virtual conference are

- a. Mr. Venkat S. Medapati MS, Advisor to Govt. of AP, NRT Affairs, Services and Investments & President APNRT Society
- b. Mr. K.V.S Prakash Rao, President, Andhra Chamber of Commerce and Industry Federation.
- c. Mr. Dasari Ramakrishna, Managing Director – Efftronics
- d. Mr. G.V.R. Naidu, Assistant Director, MSME Development Institute, Govt of India
- e. Ms. Vanitha Datla, Managing Director – Elico Healthcare Services Ltd.
- f. Mr. Y. Ajaykumar, Deputy Director of Industries, Govt. of Andhra Pradesh
- g. Dr. Varla Bhanu Prakash Reddy, Partner- Director of GrayLogic Technologies Pvt. Ltd.
- h. Mr. Anil R, Founder, End Now Foundation

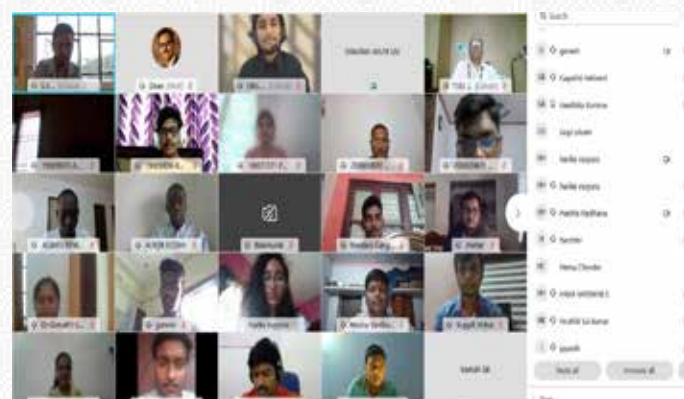
Honorable President of KLEF, Shri K. Satyanarayana garu delivered the message of making opportunities and facilities available in the campus, encouraging towards 'Make in India and make in Andhra Pradesh'. Dr. L.S.S Reddy garu, honorable Vice Chancellor of KLEF delivered on the education system competitive enough to enable students be active self learners of any skill required for opportunity existence of any kind and mould themselves as self drivers for constant opportunity creators to the society.

The interactions between the participants and panel speakers gave overall edge on new opportunities of post COVID'19 in various sectors, government initiatives for Startups on novel innovations, encouragement to Entrepreneurs, investments in healthcare industry etc.

All the panel members shared their views in the respective domain areas and created awareness about the opportunities in different sectors specifically to the students from different discipline of education. Discussions also arised on new funding opportunities to Startups, mentoring the Startups, identifying the novel innovations in healthcare sector for COVID'19 treatment had also been shared to the participants. Panel discussions were well received by all the participants – students, faculty, Startups, MSMEs and other industry participants.



Dignitaries Honorable President, Vice Chancellor & others delivering during inaugural session



Panel Discussion by all the participants and speakers

IPR STRATEGY: A BIRD'S EYE VIEW

KL Intellectual Property Facilitation Center (KL IPFC) of Center for Innovation, Incubation & Entrepreneurship (CIIE) organized an event (webinar) with M/s Qualcomm India on 30th Dec 2020 with Mr. Nitin Sharma as the resource person to deliver on 'IPR Strategy : A Bird's Eye View'. The event gave an overall edge on IPR Strategy and the process to be adopted starting from ideation to filing of patent. This was well received by all the participants of the webinar – students, faculty, Startups, MSMEs and other industry participants.

An important topic on how IPR's can be used with focus on: Obtaining revenue, Raising capital, Collaborating- Collaboration between companies through the establishment of joint ventures or open innovation, Reducing costs & risks when collaborating with others and Securing a position in the market.



Mr. Nitin Sharma, resource person for the event addressing the participants.



S.No	DATES	PROGRAMME	RESOURCE PERSON(S)
1	26-12-2020 to 28-12-2020	Three days FDP on MOOCs based courses Design, Delivery and Evaluation by Dr.Manpreet Singh Manna, Former Director AICTE and his team from 26th-28th December 2020	Dr. Manpreet Singh Manna Faculty of SLIET, Longowal Former Director AICTE MoE, GOI and Prof. (Dr.) Inderpreet Kaur Dean Academic Affairs Director College of Engineering, Desh Bhagat University, Punjab.
2	17-12-2020 to 23-12-2020	13th Induction program on "Instructional Design and Delivery Systems" organised by Academic Staff College (ASC) from 17-12-2020 to 23-12-2020 (excluding Sunday if any in between	Hon'ble VC, Hon'ble Pro VC, Dean Skill Development, Principal College of Engg.VZA campus, Dean Academics and his team of Associate Deans, Dean Progression and Training, Dr K Subramanyam, Special Officer VC Peshi ,Dr A Srinath, Principal ASC, Dean Quality, Dean R&D and his team of Associate Deans, Dr Fazal Noor Basha, Assoc Dean Counseling, Dr Sri Vidya, Asst Professor KLU ASC, Dean F&SA, Mr Siddhavatam Ramesh- Head HR, Director International Relation, Dean MHS, Director Industry Connect
3	17.12.2020	One day training program on "Usage of Reference Globe for Academics, Student Progression tracking and Placements/ Competitive exams preparedness" by Academic Staff College, KLEF.	Mr. Kukkadapu Nagendra
4	16-12-2020 to 22-12-2020	Faculty Development Program on "Effective Pedagogical Practices in Teaching Mechanical Engineering Courses"	Dr. Sheela Siddappa Chief Advisor- Data Science Robert Bosch Engineering and Business Solutions Private Limited Bangalore, Mr. R. Venkatesh Assistant Professor, Mechanical Engineering Department, KLEF, Ms. M Geetha Pratyusha Co-Founder and Tech. Manager at Sytiqhub Educational Services Pvt. Ltd., Dr. Mohammed Rajik Khan Associate Professor & Former Head, Department of Industrial Design, National Institute of Technology, Rourkela, Pin: 769 008, Odisha, India, Dr.Siba Sankar Mahapatra Professor (HAG) Department of Mechanical Engineering National Institute of Technology, Rourkela Odisha-769008, Dr. G. Murali Professor, Department of Mechanical Engineering, K L E F, Dr. K.V. Narasimha Rao Professor, Department of Mechanical Engineering, K L E F, Dr. G. S. V. L. Narasimham Chief Research Scientist, Department of Mechanical Engineering, Indian Institute of Science, Bangalore-560 012, Dr. K. Ramakrishna Professor, Department of Mechanical Engineering, K L E F, and Dr A Srinath Principal ASC, KLEF.

5	16-12-2020	Onedaytrainingprogrammeon "Effective Mentoring Practices for Holistic Development of Students," for all the teaching faculty members of both KLEF Vaddeswaram and Hyderabad Campus on 16-12-2020	Mr. Tarun Gulati, ADIOS World –Founder, CEO
	15-12-2020 to 18.12.2020	Four-day training programme on "Office 365-Phase II" for Programmers and Office Assistants by Academic Staff College, KLEF	Mr.Surya Kiran, Assistant Professor, CSE
6	11-12-2020 to 12-12-2020	A two-day training programme on "OBE/BTL & Question paper Preparation," for all the teaching faculty members of both Vaddeswaram and Hyderabad Campus of KLEF from 11-12-2020 to 12-12-2020 Timing 2.00 P.M to 5.00 P.M	Dr. A. Srinath, Principal, ASC Dr. K. Subrahmanyam, Professor, CSE, Special Officer in VC's Peshi
7	09-12-2020	One-Day training programme on "Effective Communication Skill," for all the teaching faculty members of department of CSS & English Campus of KLEF 09-12-2020 Timing 2.00 P.M to 5.00 P.M	Dr. Jayaprakash Jala, National Education Manager, Rising Star, Chennai
8	07-12-2020 to 12-12-2020	One week "SDP on Personality Development and Wellness" for all the Hostel Wardens and Non-Teaching Staff of KLEF on 07/12/2020 to 12/12/2020	Dr G Sumathi, Value Education Cell and Dr. S. Srividya, Asst.Professor, KLEF ASC
9	07-12-2020 to 08-12-2020	A two-day training programme on "ODL & Online Teaching," for all the teaching faculty members of both Vaddeswaram and Hyderabad Campus of KLEF from 7-12-2020 to 08-12-2020 Timing 2.00 P.M to 5.00 P.M	Dr. Jayaprakash Jala, National Education Manager, Rising Star, Chennai

10	03-12-2020	A online one day Orientation programme on "Campus to Corporate" by Academic Staff College, organizing an Orientation Programme on "Campus to Corporate" for all the faculty members of CSS & Department of English, KLEF campus.	Dr. Solomon, Corporate Trainer
11	01-12-2020 to 03-12-2020	Three-day training programme on "Office 365"-Phase I for Programmers and Office Assistants by Academic Staff College.	Mr.Surya Kiran, Assistant Professor, CSE. KLEF
12	30-11-2020 to 01-12-2020	A online Two-Days training programme on "Effective Preparation of Evaluation components and Question papers Using open book examination system" This is to inform that Academic Staff College, KLEF, is conducting a two-day training programme on "Effective Preparation of Evaluation components and Question papers Using open book examination system" for all the Course Coordinators, Professor In-charges, Department vetting teams and Heads of both Engineering and Management, Humanities and Sciences	Dr. P. Ganga Mohan, Assoc.Prof.,AI&DS,,KLH,Ph.D.(IIIT-HYD), MS(Sweden)
13	28-11-2020	Re-schedule of "Virtual Student Counseling – A Way forward in view of COVID '19" An online Orientation program, is arranged for all faculty members who are acting as student counselors, from both Vijayawada and Hyderabad campuses, on "Virtual Student Counseling – A Way forward in view of COVID '19" scheduled at 1.30 p.m. on 23.11.2020 due to an International Conference organised by Department of ECE.	Dr G Sumathi, Value Education Cell and Dr. S. Srividya, Asst.Proffessor, KLEF ASC

14	23-11-2020	An online Orientation program, is arranged for all faculty members who are acting as student counselors, from both Vijayawada and Hyderabad campuses, on "Virtual Student Counseling – A Way forward in view of COVID '19" (as per university calendar) on 23/11/2020, by ASC.	Dr G Sumathi, Value Education Cell and Dr. S. Srividya, Asst.Proffessor, KLEF ASC
15	20-11-2020 to 21-11-2020	"Data Science using 'R' and 'Python Programming" A Two days workshop for the teaching faculty of KLUBS, is arranged on 20th and 21st November 2020 (as per university calendar) to be delivered by Prof. D Srinivasa Rao, Professor KLUBS, Vijayawada.	Prof. D Srinivasa Rao, Professor KLUBS, Vijayawada.
16	17-11-2020 to 17-12-2020	One-month training program on "Logical Thinking and Smart Programming" for the faculties of BES-1 FED handling Computation Thinking in Design (CTD) course for AY 2020-2021.	Dr Raghuveer VR, Additional Dean-Academics,KLEF.
17	09-11-2020 to 11-11-2020	A three-day FDP on "Personality Development and Soft Skills" for the teaching faculty members of KLEF from 09-11-2020 to 11-11-2020.	Dr. G. Sumati, Assoc.Professor, VEC, KLEF, Dr. S. Srividhya, Asst. Professor, ASC, KLEF, Dr. B. Siva Nagaiah, Vice-Principal, ASC, KLEF, Dr. K.I. Pavan Kumar, Head, College of Law, KLEF and Dr. P. Rajeshwari, Assoc. Professor, College of Pharmacy of KLEF.
18	06-11-2020 to 07-11-2020	A Two-day workshop on "EffectivePublic Communication"	Mr. D. Surendra, Asst. Professor, Dept. of English. And Dr. B. Siva Nagaiah, Assoc. Professor & Vice-Principal, ASC.
19	31-10-2020	A One-Day training programme on "Communication Skills in English" for all the Hostel Wardens and Non-Teaching Staff of KLEF on 31/10/2020.	Dr. M. Raja Ambethkar, Assoc. Professor & Deputy HOD, Dept. of English, Dr. P. V. Ravi Kumar, Assoc. Professor, Dept. of English and Dr. B. Siva Nagaiah, Assoc. Professor & Vice-Principal, ASC.
20	28-10-2020 to 30-10-2020	A Three-Day workshop on "Word and Excel Programming Skills" for all the Office Assistants and Hostel Wardens of KLEF.	Ms. Radhika Rani Asst. Professor, Dept. of CSE, and Mr. J. SatishBabu, Asst. Professor, Dept. of CSE.

21	15-10-2020.	A One-day international webinar organised by ASC in association with Dept. of Bio-Technology and Dept. of C.S.E. on "Technological Challenges in Diagnosis and Prognosis of SARS-CoV-2"	Dr. Fazle Rabbi MBBS, DPhil, Nuffield Department of Medicine, University of Oxford, Oxford, England, Bart De Witte Founder HIPPO AI Foundation, Berlin, Germany, Dr. Hamed Daei Kasmaei, (Active Researcher on COVID-19 and Mathematical Biology & Numerical Analysis), Faculty of Science and Engineering, Islamic Azad University, Central Tehran Branch, Iran Dr. B. Jaya Kumar Singh Professor of Bio-Technology & Dean (R&D) (KLEF), Vaddeswaram, Guntur, A.P., India. Dr. Lalit Garg (Active Researcher on SARS-CoV-2) Computer Information Systems, Faculty of Information & Communication Technology, University of Malta, Malta Interaction with the experts and Valediction of the Webinar
22	12-10-2020 to 14-10-2020	A Three-day FDP on "Universal Human Values"	Prof. T P Sasi Kumar, Professor of Mathematics, KL-H, Dr. K I Pavan Kumar, Associate Professor, College of Law, KLEF, Dr. G. Sumathi, Associate Professor & Coordinator, Value Education Cell, KLE, Prof. A. Srinath, Prof. and Head, Department of Mechanical Engineering, KLEF, Dr. P. Rajeshwari, Associate Professor, College of Pharmacy, KLEF, Mrs. S. Sridividhya, Asst. Professor, ASC, KLEF, Value Education Cell, KLEF and Dr. B. Siva Nagaiyah, Vice-Principal, ASC, KLEF.
23	03-10-2020, to 05-10-2020	A Three-Day National awareness programme on "Will the Online Classes Affect Our Health and Lifestyle: Problems and Solutions"?	Dr. Debasish Bhattacharya, West Bengal., Ms. Anukriti Govid Sharma and Dr. Sompurnaghosh, Hyd.

కేఎల్ యూలో మూక్స్ పై అవగాహన

ప్రజాశక్తి - తాడేపల్లి రూరల్

మ్యూసిన్ ఓపెన్ ఆన్లైన్ కోర్సు(మూక్స్)లో రూపకల్పన, డెలివరీ, మూల్యాంకనం, అంచనాలపై అధ్యాపకులకు మూలాభాస శిక్షణ, అవగాహన కేఎల్ వర్చువల్ క్లినికల్ ప్రాచారం అందించి, వర్చువల్ విధానం ద్వారా ఎటెండెడ్ మాజీ డైరెక్టర్, స్వయం మూక్స్ పోర్టల్ కో-ఆర్డినేటర్ డాక్టర్ మన్మోహన్ సింగ్ మన్నా, పంజాబ్ లోని దేశ్ గర్ విశ్వవిద్యాలయం ఆకాడెమిక్ వ్యవహారాల డీన్ డాక్టర్ ఇందర్ ప్రీత్ కౌర్ మాట్లాడారు. మూక్స్ ఆన్లైన్ కోర్సు పోర్టల్ కోర్సులా, ఉదేమి, స్వయం రాండి ఎన్టీ ప్రొవైడర్లు అందుబాటులోకి వచ్చాయన్నారు. మూక్స్ పోర్టల్ ద్వారా కోర్సుల



శిక్షణలో పాల్గొన్న వివిధ విభాగాల డిప్యూ. ప్రొఫెసర్లు

రూపకల్పన, అభివృద్ధి, పంపిణీ, అంచనా, ఆన్లైన్ ద్వారా బోధనకు అధ్యాపకులకు మెరుగైన శిక్షణ అవసరమని చెప్పారు. కార్యక్రమంలో ప్రొ. వైస్ ఛాన్సలర్ డాక్టర్ ఎన్ వెంకట్రామ్, అకడమిక్ డీన్ డాక్టర్ విఆర్ రమణి, అకడమిక్ స్టాఫ్ కాలేజీ ప్రెసిడెంట్ డాక్టర్ ఎ. శ్రీనివాస్, డిప్యూ. ప్రొఫెసర్లు, విభాగాధిపతులు పాల్గొన్నారు.



Sun, 27 December 2020
epaper.prajasakti.com/c/57316487



కేఎల్ యూలో అధ్యాపకులకు శిక్షణ

విశాలాంధ్ర-తాడేపల్లి : తాడేపల్లి మండలం వడ్డేశ్వరంలోని కేఎల్ విశ్వవిద్యాలయంలో మూడు రోజుల పాటు మ్యూసిన్ ఓపెన్ ఆన్లైన్ కోర్సు(మూక్స్)లో రూపకల్పన, డెలివరీ, మూల్యాంకనం, అంచనాలపై అధ్యాపకులకు శిక్షణ, అవగాహనా కార్యక్రమం నిర్వహించారు. ఈ కార్యక్రమానికి ఎ.ఐ.సి.టి.ఇ మాజీ డైరెక్టర్, స్వయం మూక్స్ పోర్టల్ కో-ఆర్డినేటర్ డాక్టర్ మన్మోహన్ సింగ్ మన్నా, పంజాబ్ లోని దేశ్ భగత్ విశ్వవిద్యాలయం అకడమిక్ వ్యవహారాల డీన్ డాక్టర్ ఇందర్ ప్రీత్ కౌర్ వర్చువల్ విధానంలో హాజరయ్యారు.

CELEBRATION OF THE FESTIVAL

“Share your Perspective of Celebration”

Description of the Event:

Festival is a day of Celebration of a Specific Event in History or Memory. We are all fond of Festivals and Dussehra is one such Important Festival for many Indians. During this Festival Vacation we do lot of things to Celebrate. Everyone has a different Opinion / Perspective of Celebration. In a process to document that celebration and embrace the activities we all do during this Festival, School of Architecture in Association with Hobby Clubs, C.E.A. K.L.E.F. , conducted Competitions such as Photography Competition, Short Video Competition and Article Writing Competition. These Competitions were targeted to stimulate Expression Skills of Students and this Celebration is believed to be the appropriate time to dive into their Talents and Hobbies. Around Three entries were received from the Students. They tried to express what Celebration is or How they Perceive Celebration in their Own Way.

EVENT POSTER



EVENT PHOTOS:

Photography competition:

1.G.V.Bharat Kumar(160160008)



2.Dasi Sonu Kiran(180160005)



ARTICLE WRITING COMPETITION

1. Suda Hemanth (190020024)



“MELO RHYTHM

Swara club -solo singing competition” an solo singing competition conducted through online on 28.10.2020.

A National Level MELO RHYTHM- Swara club -solo singing competition held on 28th October 2020 through online. Organized by Swara Club of Hobby Clubs in KLEF, 9 students have registered from various places, students sent their solo singing videos through online. MELO RHYTHM- Swara club -solo singing competition were coordinated by Dr.R.Subhakar Raju Prof In-charge Hobby Clubs and appreciated the students.

Title of event : MELO RHYTHM- Swara club -solo singing competition

Date of event : 28.10.2020

Venue : KLEF

Number of participants : 9

Event Details and Rules for competitions posters:



WINNERS

S.No	Name of the student	Institution	ID number	Prize
1	S Sai Bhagyasri	KL university	2000030878	1st Prize
2	Vamsi Bharadwaj	KL university	180250017	2nd prize



"ONCE MORE – MONTHLY EVENT"

– By Swara Club Date :02.11.2020

Event conducted by Swara club students through online, to find out the efficient music players to induct into swara club and entertain the KLEF students with various activities. The skilled personal have participated by sing songs classical, western and vocal etc. The event monitored by Dr. R.Subhakar Raju Professor incharge of Hobby clubs.

Title of event : Once More – monthly event
 Date of event : 30.10.2020
 Organized : KLEF
 Number of participants : 50



"National Unity Day" on the occasion of

"SARDAR VALLABHBHAI PATEL BIRTH ANNIVERSARY"

an online literary competition conducted through online on 31.10.2020.

Sardar Vallabhbhai Patel was an Indian leader who played an important role in making India free from the rule of the British Government. Sardar Patel was well known for his Iron will and principles and so people used to call him the 'Iron Man of India'. He was given the title of 'Sardar' due to his amazing quality of leadership.

Sardar Vallabhbhai Patel birth anniversary was celebrated on 31st October 2020, at KLEF open ground. KLEF Vice chancellor, Pro Vice Chancellor, Registrar, Principals, Deans, Hods, faculty, non teaching staff & students have garlanded and paid homage to the great leader. A devotional ambience prevailed as the programme started with a meaningful prayer.

Date of Event : 31.10.2020
 Title of Event : National Unity Day
 Number of Participants : 126 Faculty , 6 students
 Venue : KLEF, literary competition through online

Hobby Clubs, KLEF, is organised an online literary competition (writing not less than ten lines in English on Iron man of India) on the occasion of "Sardar Vallabhbhai Patel Birth Anniversary". Students sent their writings through online. E-Certificates were awarded to the winners as well to the participants. Dr.KRS Prasad Dean Student Affairs, Dr.Habibullah Khan Student Affairs Advisor, Dr. R. Subhakar Raju Professor Incharge of the Hobby Clubs, appreciated the participants.

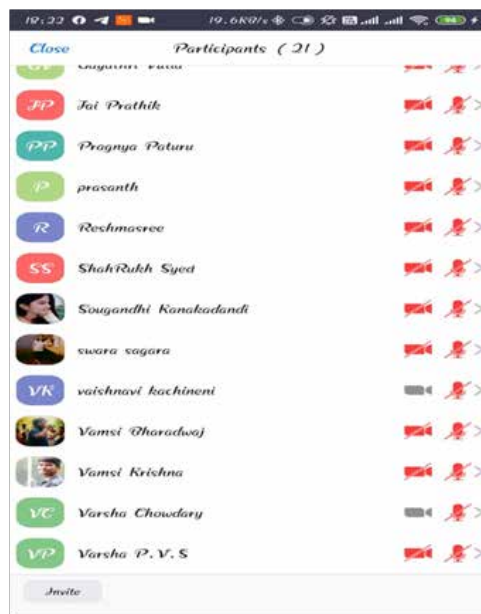
"ONCE MORE – MONTHLY EVENT"

– By Swara Club

Date :31.12.2020

Event conducted by Swara club students through online to find out the efficient music players to induct into Swara club and entertain the KLEF students with various activities. The skilled personal have participated by sing songs classical, western and vocal etc. The event moniter by Dr. R.Subhakar Raju Professor incharge of Hobby clubs.

Title of event : Once More – monthly event
 Date of event : 30.12.2020
 Organized : KLEF
 Number of participants : 21
 Poster of the event :



Pranaya Kavya solo dance Performance in

**" LET'S DANCE
ONLINE SOLO DANCE COMPETITION"**

Pranaya Kavya has participated in Online Solo Dance competition named as "LET'S DANCE", organized by Dancer's & Dance Master's Union, Krishna District. In this competitions Miss. Pranaya Kavya has participated by performing a solo dance, she was awarded 3rd place in Solo Dance. Dr. Habibulla Khan- Advisor Student affairs, Dr. K.R.S.Prasad –Dean(Student Affairs), Dr.R.Subhakar Raju Hobby Clubs Prof.Incharge appreciated Miss Pranaya Kavya.

B.Pranaya Kavya - Lets's Dance – 3rd Prize-190040660



Varun Marda Dancing Performance in

" NATYASWARA"

Dance competition conducted by SRM-AP

Varun Marda has participated in Dance competition named as "NATYASWARA", organized by SRM-AP College on 24th October 2020. In this competitions Mr. VARUN MARDA has participated by performing a solo dance, he was awarded 2nd place in Dancing. Dr. Habibulla Khan- Advisor Student affairs, Dr. K.R.S.Prasad – Dean(Student Affairs), Dr.R.Subhakar Raju Hobby Clubs Prof. Incharge appreciated Mr.Varun Marda.

M.Varun-180030338-CSE-III year-2nd Prize- Dancing

Varun Marda Dancing Performance in

"EKTA DIWAS"

Sahithi Elevating Lifestyles Presents

Varun Marda has participated in Dance competition named as "EKTA DIWAS", organized by Sahithi Elevating Lifestyles from 31.10.2020 to 10.11.2020. In this competitions Mr. VARUN MARDA has participated by performing a Dance, he was awarded 1st place in Free Style Dance. Dr. Habibulla Khan- Advisor Student affairs, Dr.K.R.S.Prasad –Dean(Student Affairs), Dr.R.Subhakar Raju Hobby Clubs Prof.Incharge appreciated Mr.Varun Marda



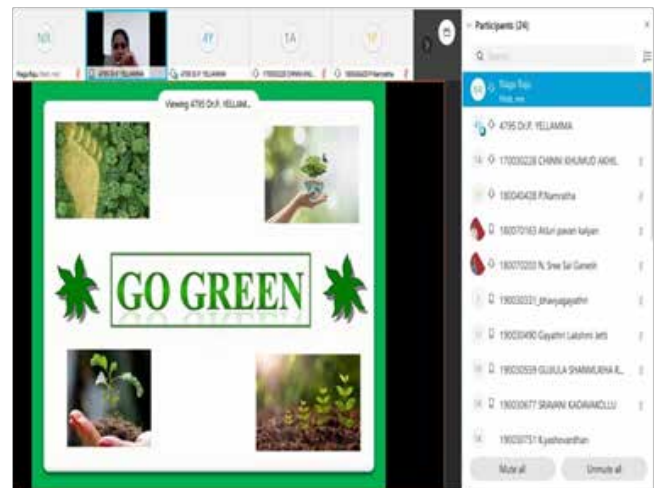
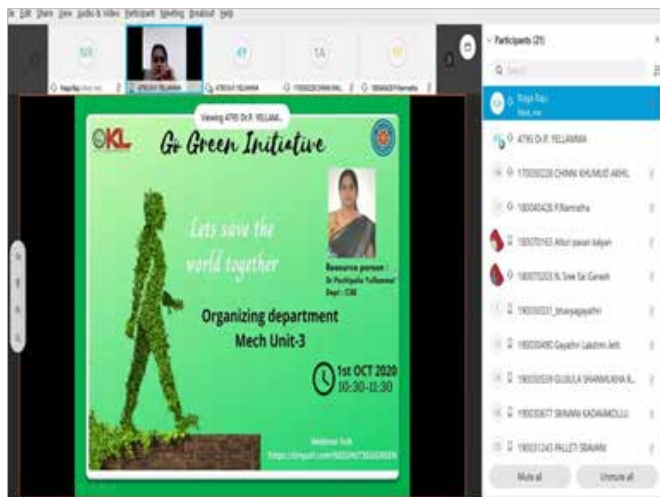
TOKENNUMBERS	NAME	PRIZE
FSD_0069	AditiPravinChalke	1STPRIZE
FSD_0071	VarunMarda	1STPRIZE
FSD_0070	VaishnaviVasudeoMhatre	2NDPRIZE

GO GREEN INITIATIVE

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering Unit- 03 National Service Scheme (NSS) has conducted "Go Green Initiative" on 1st October 2020. This programme through WebEx online medium with all NSS core team members and faculty members and the resource person is Dr.P.Yellamma Associate Professor CSE Department. The main motto of this program is to bring the awareness among the students to give the solution to the Adopted village area people. In many places just like that they are using plastic and no one is bothering about Environment and they are not trying to save the plants. So in this event resource person explained the importance and advantages of greenery and requested all the students to avoid the usage of plastic and also requested all the students to plant at least one sapling at their convenient places and also students are instructed to maintain their surroundings with greenery, in order to overcome these problems we have discussed new techniques in the meeting on go green initiative. Students and faculty members were attended for this program.

WebEx link:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m17735e6334dd745bb2921ab1cb780c9d>

Date of the Event: 01-10-2020 Name of the Event: Go Green Initiative Venue: Online No. of Participants: Students- 52, Faculty-02



CELEBRATIONS OF GANDHI JAYANTI

KL Deemed to be University (Koner Lakshmaiah Education Foundation) Electronics and Communication Engineering (ECE) Unit- 02 National Service Scheme (NSS) has celebrated "Gandhi Jayanti" on 2nd October 2020. Gandhi Jayanti is celebrated on 2nd October every year to commemorate the Birth Anniversary of the Father of the Nation Sri Mohandas Karamchand Gandhi. Remembering Mahatma on his 151st birth anniversary, worldwide celebrated as the "International Day of Nonviolence". The man who showed the world that nonviolence is an effective and lasting way of defeating injustice. He is a great inspiration of truly embodying the principles of tolerance and peace. In his words "You must be the change you wish to see in the world". May the spirit of truth and non-violence be with us forever?

Date of the Event: 02-10-2020 Name of the Event: Celebrations on Gandhi Jayanthi (Online Quiz Competition)

Venue: KLEF No. of Participants: Students- 39, Faculty-22



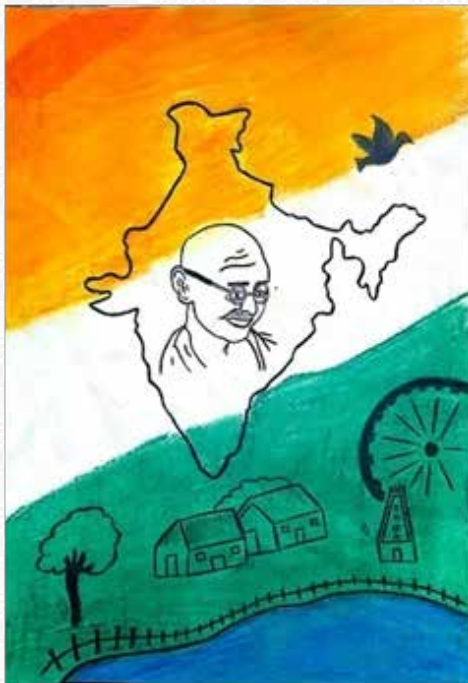
Mahatma Gandhi...

- ✓ The Man who fought without weapon
- ✓ The Man who attack enemies with smile and helping
- ✓ The Man who shown anger with Non – Violence

Mahatma Gandhi...

- ✓ The Man who stood straight for Untouchability
- ✓ The Man who did not celebrate Independence

KLEF NSS has conducted Drawing competitions to the students.



As NSS we organized Drawing Competition on this occasion. Many students got registered, participated and submitted their art in the link provided.
"Strength does not come from physical capacity; it comes from an indomitable will"

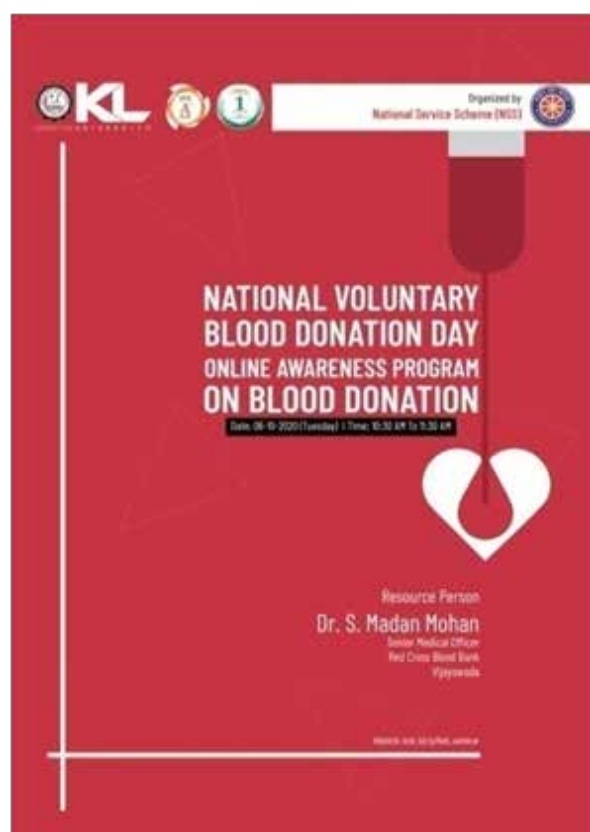
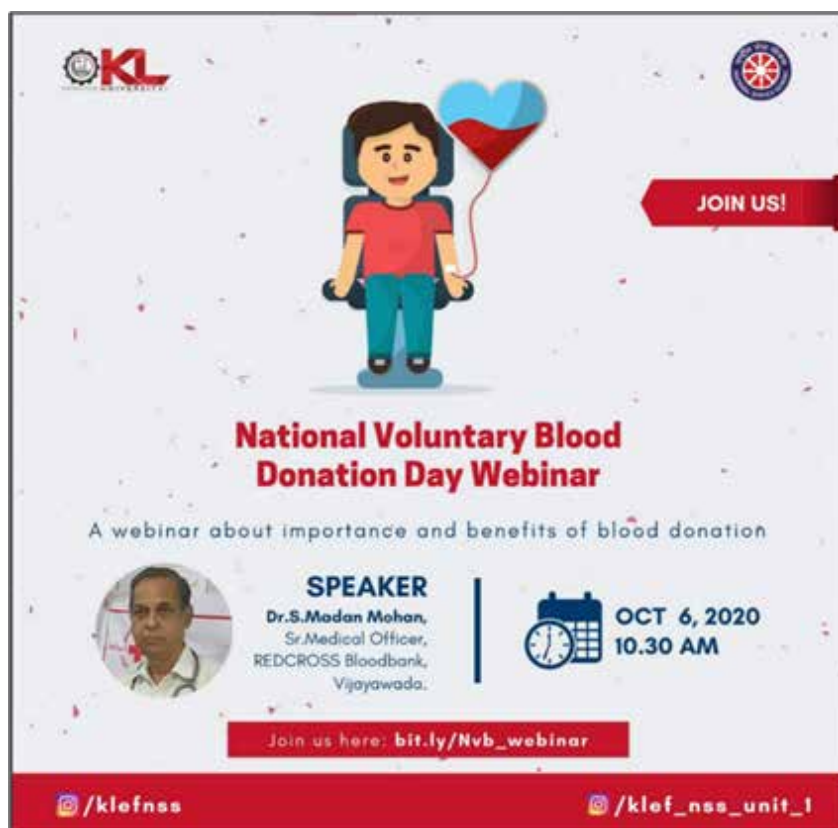
AWARENESS ON BLOOD DONATION

("National Voluntary Blood Donation Day")

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Computer Science Engineering (CSE) National Service Scheme (NSS) has conducted webinar on Awareness on Blood Donation on occasion of "National Voluntary Blood Donation Day" on 6th October 2020. In online Platform i.e. Cisco WebEx event as a part of this NSS Volunteers from Unit-1, Program Officer Mr. Naveen N are involved with Chief Guest as Dr. S. Madan Mohan, Senior Medical officer, Red Cross, Vijayawada.

On the day of the event, all the NSS volunteers along with the program officers joined the WebEx meet sharply at 10:30 AM. The Program was hosted by NSS Unit-1 Volunteer and after gathering online due to COVID-19 Pandemic Situation started the session. Honorable Chief Guest Dr. S.Madan Mohan Sir – Senior Medical Officer, REDCROSS Blood Bank, Vijayawada joined the Cisco WebEx Meet Provided to him by the NSS Volunteers at 10:30 AM. Date of the Event: 06-10-2020

Name of the Event: National Voluntary Blood Donation Day Venue: Online No. of Participants: Students- 123, Faculty-08



After the Session was started, the honourable guest started explaining about the importance of blood donation and how blood donation takes place and explained how one should get motivated towards donating blood. He then addressed why people lack interest in donating blood and cleared all the myths that people think about. He also mentioned some blood donation issues and how people make it more controversial.



He also explained clearly how voluntarily donating blood helps the society and also inspired many of our volunteers. After all the explanation the Question and answer session began and the NSS Volunteers voluntarily asked questions to the doctor and he clarified all the doubts, obligations that were present in the mind of the respective volunteers. After the Question and answer session was over all the NSS Volunteers showed gratitude towards the doctor and thanked him for the wonderful webinar. Some of the Volunteers had prepared a video related to Blood Donation and that was played to inspire other persons and the Video was on Blood Donation - Myths / Facts.

FIGHT AGAINST COVID-19

Conducted on 08-10-2020

Objectives:

- To create awareness among Students and Staff of KL School of Architecture.
- To bring hope into the People that all are Together in these Times of Crisis.

Expected Outcomes:

- Remember the Fight against Pandemic and Oneself during these unprecedented Times.
- Remember the required Precautions to be taken to Prevent Spread of Disease.
- Promote Hygiene and Sanitation in and around the Place of Work.
- Promote knowledge of fighting against COVID 19 among Family and Friends.

Faculty Coordinators: Ar. Varun V, Ar. Sravani S



COVID-19 is the infectious disease unknown before the outbreak which began in Wuhan, China, in December 2019. It is now a pandemic affecting many countries causing loss of Life and weakens Economies across the World. India is passing through these unprecedented Times of Crisis and Turmoil. Citizens are showing Strength and determination to fight off this Disease from the Country and the World. It is very Crucial that All the People of the Country are together in this fight. Recognizing the importance of knowledge about the Disease in this Fight, KLEF has taken several steps to bring awareness among its Stakeholders and Citizens of this country. NSS Cell of KL deemed to be University has led many such Awareness Programs through the course of Lock down Period. A Pledge Card received from the Directorate of NSS, New Delhi regarding creating awareness on COVID-19 has been administered to all the NSS volunteers of K.L.E.F at 1.00 p.m. on 08-10-2020. It has been circulated with necessary instructions to all the NSS Units and encouraged Participation. Abiding by the instructions and suggestions provided by NSS under Ministry of Youth Affairs & Sports, NSS Units have performed the Pledge Ceremony where Students and Staff have promised to take necessary Precautions to stop the Spread of disease at Work Place and at their Homes. The following are some of the Photographs of Participation in this Activity by Students, Staff and Faculty of School of Architecture. Date of the Event: 08-10-2020

Name of the Event: Fight against COVID-19 Venue: KLEF No. of Participants: Students: 42 Faculty-18

COVID-19 PLEDGE

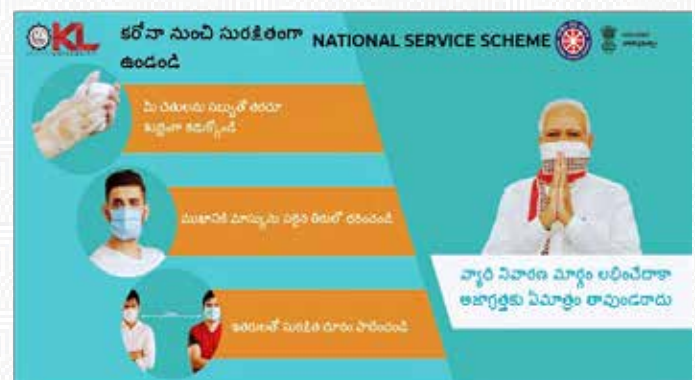
KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS) took a pledge on 8th October 2020, that we follow all the preventive measures so that the spread of the virus will be reduced. The outbreak of corona virus disease (COVID-19) has been declared a pandemic and the virus has now spread to many countries and territories. While COVID-19 continues to spread it is important that communities take action to prevent further transmission, reduce the impacts of the outbreak and support control measures. Let's all take a pledge and follow the prevention methods. Together we will win this fight.

Date of the Event: 08-10-2020

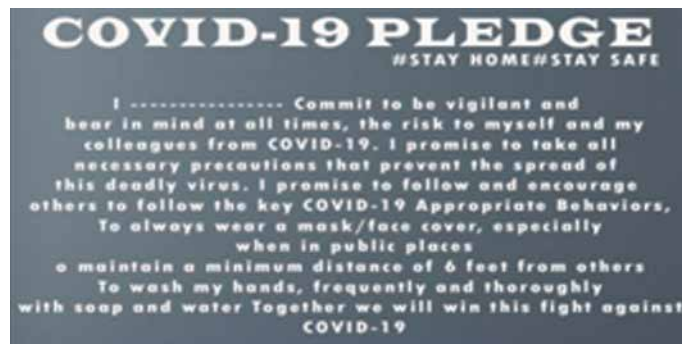
Name of the Event: Took a COVID-19 Pledge

Venue: KLEF

No. of Participants: Students: 25 Staff-21



We express our sincere gratitude towards the Corona warriors i.e. doctors, paramedics, nurses, vendors, suppliers, sweepers and many others who are working selflessly day and night to save the countrymen. We pledged to stay at home as a mark of respect to the efforts of the Corona warriors.



I _____ Commit to be vigilant and bear in mind at all times, the risk to myself and my colleagues from COVID-19. I promise to take all necessary precautions that prevent the spread of this deadly virus. I promise to follow and encourage others to follow the key COVID-19 Appropriate Behaviours. To always wear a mask/face cover, especially when in public places. To maintain a minimum distance of 6 feet from others. To wash my hands, frequently and thoroughly with soap and water. Together we will win this fight against COVID-19.



“Stay Home Stay Safe” “Follow All the Precautions to Reduce the Spread of Virus”

A REPORT ON WE SUPPORT CORONA WARRIORS

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Computer Science Engineering Unit- 07 National Service Scheme (NSS) Volunteers “We Support CORONA Warriors” took a COVID-19 pledge on 8th October 2020, that we follow all the preventive measures so that the spread of the virus will be reduced. The outbreak of corona virus disease (COVID-19) has been declared a pandemic and the virus has now spread too many countries and territories. While COVID-19 continues to spread it is important that communities take action to prevent further transmission, reduce the impacts of the outbreak and support control measures. Let’s all take a pledge and follow the prevention methods. Together we will win this fight.

Date of the Event: 08-10-2020 Name of the Event: Took a COVID-19 Pledge Venue: KLEF

No. of Participants: Students- 63 Faculty-02



The aim of the campaign is to encourage people’s participation and a Covid- 19 pledge will be taken by everyone. It endeavors to be a low-cost but high-intensity campaign with the key messages to wear mask, follow physical distancing, and maintain hand hygiene. Masks, social distancing and washing hands are the three ways to remain safe in the absence of any vaccine.

COVID PLEDGE:

I Commit to be vigilant and bear in mind at all times, the risk to myself and my colleagues from COVID – 19. I promise to take all necessary precautions that prevent the spread of this deadly virus. I promise to follow and encourage others to follow the key COVID – 19 appropriate behaviours, to always wear a mask/face cover, especially when in public places. To maintain a minimum distance of 6 feet from others. To wash my hands, frequently and thoroughly with soap and water. Together we will win this fight against COVID – 19.



Also we express our sincere gratitude towards the Corona warriors i.e. doctors, paramedics, nurses, vendors, suppliers, sweepers and many others who are working selflessly day and night to save the countrymen. We pledged to stay at home as a mark of respect to the efforts of the Corona warriors. Let's come forward and Unite2FightCorona, Pledge to take necessary precautions like maintain social distancing, sanitize our hands, and wear a mask every time we step out. We will overcome this pandemic together soon! #Unite2fightcorona...."Stay Home Stay Safe" "Follow All the Precautions to Reduce the Spread of Virus"

ANNA DEVO BHAVA – FOOD FOR ALL

(Quiz Competition to Volunteers)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non- Engineering National Service Scheme (NSS) Volunteers has participated in "Anna Devo Bhava – Food for All" on 11th October, 2020. As a part of World Food Day on 16th October 2020, Ministry of Food Processing Industries, Government of India has organized an 'Anna Devo Bhava – Food For All' quiz. The main aim of this quiz is to create awareness about different aspects of food such as food for Marginalized food as a purifier food as spirituality, food for the healthy Etc...

Date of the Event: 11-10-2020,

Name of the Event: Anna Devo Bhava – Food for All ,

Venue: Online

No. of Participants: Students- 159 Faculty-01

Prizes and other information of Quiz:

Prize Structure under the ANNA DEVO BHAVA Food For all Quiz 2020

There will be Ten Cash prizes First, Second, Third, and Seven

Consolation Prizes as under:

1st Prize: Rs.25,000/- 2nd Prize: Rs.15,000/-

3rd Prize: Rs.10,000/-

Consolation Prizes (Seven): Rs.5,000/- Each



Quiz Link:

<https://quiz.mygov.in/quiz/anna-devo-bhava-food-for-all/>

Start Date: 01/10/2020 End Date: 16/10/2020

Brief Details of Anna Devo Bhava Quiz 2020 Competition:

- ✓ This is a timed Quiz with 20 Questions to be answered in 300 Seconds.
- ✓ these questions will be randomly picked from the Question Bank
- ✓ The winner will be Adjudged on the Basis of the maximum number of Correct answers
- ✓ You can skip a tough question and come back to it later.



**"Your health is your wealth
Unlock your potential with
good food and nutrition"**

EK BHARAT SHRESHTHA BHARAT

Conducted at Online on 12-10-2020
(EBSB Andhra Pradesh and Punjab)

This programme aims to enhance interaction and promote mutual understanding between people of diverse cultures in India. As per the directions of Government of India, the ministry of Youth Affairs and sports, Government of India is celebrating the "EK BHARAT SHRESHTHA BHARAT" (EBSB) Online activities for all the pairing States/UT's during July to November, 2020 to help the peer groups to exchange and understand the culture, tradition, customs, heritage, history, food habits, language etc. of the pairing state and finally make oneness among the people and find the Unity in diversity.

As a part of this the turn for Andhra Pradesh State with its pairing State Punjab has been held on 12th October 2020 from 3:00 PM to 5:00 PM. So, From Andhra Pradesh few Universities are selected to be part of this. As per the directions of the ministry, the Online PPT was done by NSS Volunteers of our University (KLU), Guntur.

Date of the Event: 12-10-2020

Name of the Event: Ek Bharat Shreshtha Bharat

Venue: Online

No. of Participants: Students- 186 Faculty- 12



Famous Film Actors and makers like Sri CSR, Sri Gudavalli Ramabrahmam, Sri Raghupathi Venkaiah Naidu, Famous Singers like Sri Ghanta Sala, Srimati P. Susheela etc...



Sri CSR

Sri Gudavalli
Ramabrahmam

Sri Ghantasala
Venkateswararao

Smt.P. Susheela

I am very proud to say the sacrificing village by name Military Madhavaram in west Godavari near Tadepalli gudeam from which every house sends one person to Army.



Summary of the Presentation by KLU Volunteer
Andhra Pradesh is a Green land of India. It has epic centre for Commerce & Culture with live Rivers and Reservoirs, Green Forest and fodder, smooth and safe Transport and Export through Sea, Roads and Rivers. It has bright Academic and Entrepreneurship, Lengthy Roads and Good Buildings. It's also having saints and Sheppard's, Arts and kind hearts in its people. AP flourishes with its Tribes, Traders, Entrepreneur and devotees from all Religions. Everyone from AP has contributed their might for the prosperity, and charity towards the poor, irrespective of Caste and creed.

Ancient kings like Sri Krishna Devaraya and others have contributed a lot for the prosperity of Indian Art and Culture. The famous Astadiggajalu (Eight Renowned Poets) in king's court yard. Sri Amuktamalyada an example of famous scripture. Sri Gurram Jashuva, Sri Gurajada Apparao like famous poets add flavor to the heritage literature of AP. Sri Pingali Venkayya true patriotic from Krishna district designed our National flag.



Sri Gurram Jashuva



Sri Gurajada Apparao



Sri Pingali Venkayya

In Sports Mrs.Koneru Hampi (Chess), Ms.P.V. Sindhu (Shuttle) Mr. Pullela Gopichand (Shuttle) etc. Body building Sri Kodi Rammurthy Naidu like people brought fame to the state. AP has produced famous Doctors like Padmashri Dr. Yarlagadda Nayudamma who hails from Krishna district. Engineers PadmaBhushan Dr.Kanuri Lakshmana Rao from Krishna district. Who suggested to combined Ganga and Kaveri Rivers to prevent floods and drought. Sri Mokshagundam Visvesvaraya is also claimed to belong composite Andhra Pradesh from Kurnool district.



Smt. Koneru Humpy



Ms. P.V. Sindhu



Dr. Yarlagadda Nayudamma



Mokshagundam Visvesvaraya

PMAY QUIZ COMPETITION

Conducted at Online on 14-10-2020
{Pradhan Mantri Awas Yojna (Urban)}

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering Departments National Service Scheme Volunteers has participated in "Pradhan Mantri Awas Yojana" (Urban) "PMAY (U) Awas Quiz" on 14th October, 2020. To create a platform for Citizens and family members of PMAY (U) beneficiaries where they can explore, learn and are well informed about the programme through a quiz competition.

The quiz will be in bilingual format i.e. English and Hindi. This is a timed quiz with 20 questions to be answered in 300 seconds. Participant may read material available on the PMAY (Urban) & ARHCs campaign page in My Gov/ platform and <https://pmay-urban.gov.in/> wherein schemes, initiatives, updates and activities are available. Presently, Ministry of Housing and Urban Affairs (MOHUA), proposes to conduct a 'PMAY (U) Awas Quiz' competition through MyGov from 2nd to 16th October 2020, celebrating the 150th birth anniversary of Mahatma Gandhi. Date of the Event: 14-10-2020 Name of the Event: Online Quiz Competition on PMAY (U) Venue: MyGov.in site No. of Participants: Students- 91 Faculty-01

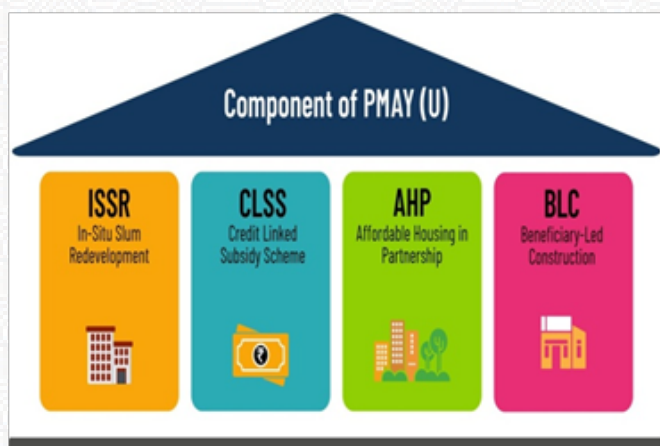
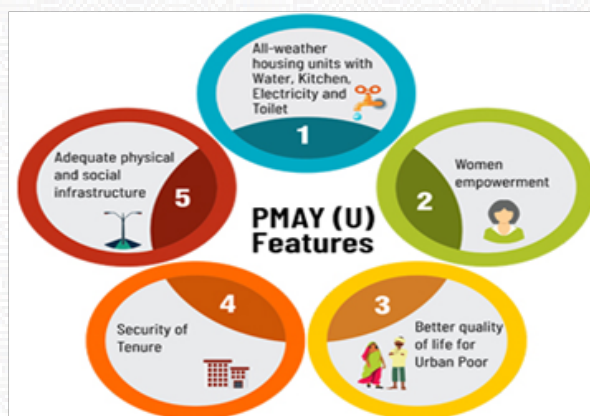
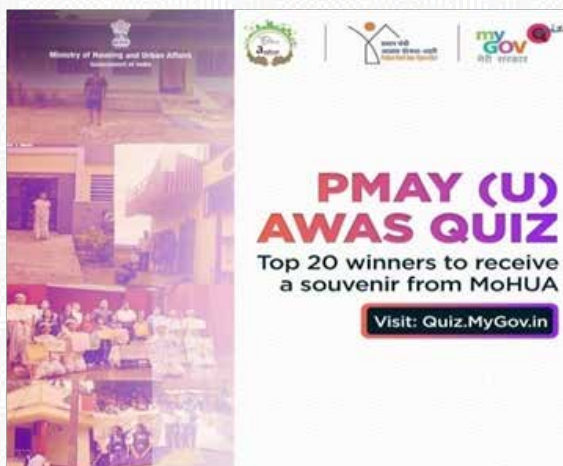


Quiz Link: <https://quiz.mygov.in/quiz/pmay-u-awas-quiz/>

Start Date: 02-10-2020

End Date: 16-10-2020

ANGIKAAR– campaign for change management was formally launched on 2nd October 2019, commemorating 150th Gandhi Jayanti in more than 4000 cities, wherein need assessments and door to door awareness for change management was conducted. Subsequently, this was followed by continuous and consistent ward level IEC activities in States/UTs. The campaign has received enthusiastic response and participation from beneficiaries and Elected Representatives for all ANGIKAAR activities, resulting in a positive impact of the campaign. The initial phase of the campaign concluded with the culmination of PMAY (U) beneficiaries in all cities on January 26th, 2020, the 71st Republic Day. The following key activities such as Essay Competition, Health Camps, Plogging Runs, Plantation Drives etc., were conducted in all States/UTs.



Pradhan Mantri Awas Yojana "Housing For All 2022"

BIO GAS PLANT TREATMENT

Conducted at Online on 16-10-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Department of Mechanical Engineering National Service Scheme (NSS) has conducted "Bio Gas Plant Treatment" on 16th October 2020. This programme through WebEx online medium with all NSS core team members and faculty members, the main motto of this program is to bring the awareness among the students to give the solution to the Adopted village area people.

In many places just like that they are thronging waste things beside of roads because of lack of awareness on bio gas generation, so in order to educate the community over bio gas generation with the wastage what they are thronging out ,we have conducted this program and discussed very clearly about different techniques of bio gas generation. Students and faculty members were attended for this program.

Date of the Event: 16-10-2020 Name of the Event: Bio Gas Plant Treatment

Venue: Online No. of Participants: Students- 43 Faculty-02

WebEx link: <https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m17735e6334dd745bb2921ab1cb780c9d>



GROCERIES DONATE TO ORPHANAGE HOME

Conducted at Kolanukonda on 16-10-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Department of Mechanical Engineering National Service Scheme has conducted "Groceries Donation to Yuvatharam Orphanage Home" on 16-10-2020 at Kolanukonda. Because of the pandemic situation we mechanical department faculty members came forward and contributed money for purchasing the groceries to the child orphanage home.

On the hands of mechanical department HOD Dr.A. Srinath sir we have donated tour Dal, tamarind and oil tins to the yuvatharam child orphanage home in the presence of other mechanical faculty. Orphan managers are conveyed their sincere thanks to Dr.srinath sir and all the faculty members who contributed money for donating required food items to the children.

Date of the Event: 16-10-2020 Name of the Event: Groceries Donation to Yuvatharam Orphanage Home

Venue: Kolanukonda No. of Participants: Students- 174 Faculty-16



2ND OCTOBER QUIZ COMPETITION

Conducted at online on 19-10-2020

(Quiz Competition to Volunteers)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers has participated in "2nd October Quiz" on 19th October 2020. The 2nd October Quiz is being jointly organized by the Ministry of Culture and Ministry of Information & Broadcasting, Government of India.

Quiz Link: <https://quiz.mygov.in/quiz/2-october/>

Start Date: 02-10-2020

End Date: 31-10-2020

- ✓ The quiz will be in bilingual format i.e. English and Hindi.
- ✓ This is a timed quiz with 10 questions to be answered in 100 seconds
- ✓ Each participant of the quiz shall be rewarded with an e-certificate.

Ministry of Information & Broadcasting shall felicitate the winners **with cash prizes as given below:**

1st Prize Rs. 25,000/-

2nd Prize Rs. 15,000/-

3rd Prize Rs. 10,000/-

Date of the Event: 19-10-2020

Name of the Event: 2nd October Online Quiz Competition

Venue: Kolanukonda

No. of Participants: Students- 74 Faculty-16



THE INDIA SCIENCE QUIZ

Conducted at online on 22-10-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non- Engineering National Service Scheme Volunteers participated in "The India Science Quiz" on 22nd October, 2020. Vigyan Prasar, an Autonomous Organization of the Department of Science and Technology, Government of India is arranging a quiz contest under the title "The India Science Quiz".

The objective of this quiz is to test the citizen's scientific temper and awareness and make the process of knowing fun and exciting. Most answers to the questions are to be found in the films available on India Science (www.indiascience.in). You can also download the India Science App from the Android or the iOS Play Store.

This is a timed quiz with 10 questions to be answered in 900 seconds

Each participant of the quiz shall be rewarded with an e-certificate.

Top 5 participants will receive Science book hamper as prizes from Vigyan Prasar.

Quiz Link: <https://quiz.mygov.in/quiz/the-india-science-quiz/>

Start Date: 23-09-2020

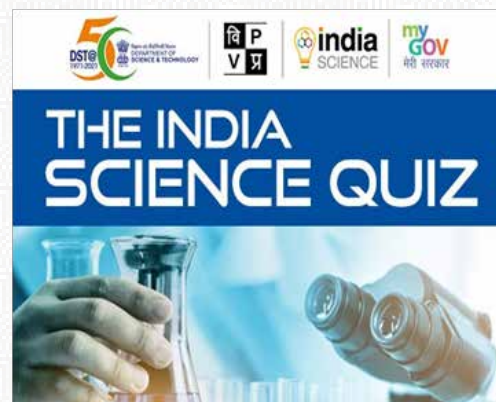
End Date: 22-10-2020

Date of the Event: 22-10-2020

Name of the Event: The India Science Quiz

Venue: MyGov.in site

No. of Participants: Students- 134 Faculty-01



STIP 2020 QUIZ

Conducted at online on 27-10-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers has participated in "Science and Technology Innovation Policy 2020" (STIP-2020) online Quiz Competition on 27th October, 2020. In a span of six decades since India's first Science Policy Resolution, 1958, well-crafted STI policies have played a major role in helping the nation build a robust STI ecosystem and emerge as a leader in several branches of science, technology and innovation. India is constantly evolving and adapting to the changing national and international dynamics.

The current pandemic catalyzed the need for a new policy instrument that amalgamates profound and incremental approaches to prioritize and strategize across the STI landscape. Hence, the government of India (GOI) initiated the consultation process for India's 5th STI Policy named as the Science, Technology and Innovation policy 2020 (STIP 2020). This policy aims to be truly evidence-driven, inclusive and bottom-up while encouraging stakeholder interaction at all levels. This quiz thus attempts to encourage public participation and awareness of the STI ecosystem. The participants will be quizzed on several aspects of S&T, in terms of India's achievements, latest trends and policy interventions in this regard. This is a timed quiz with 20 questions to be answered in 300 seconds.

Quiz Link: <https://quiz.mygov.in/quiz/stip-2020-quiz/>

Start Date: 28-08-2020

End Date: 31-10-2020

Date of the Event: 27-10-2020

Name of the Event: Science and Technology Innovation Policy 2020" (STIP-2020) online Quiz Competition

Venue: MyGov.in site

No. of Participants: Students- 48 Faculty-02



PLANTATION

Conducted at online on 29-10-2020

Description of the Event:

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) FED National Service Scheme (NSS) Faculty and Staff had participated in the plantation programme on 29th October 2020 at Vaddeswaram. Since the beginning, trees have furnished us with two of life's essentials, food and oxygen. As we evolved, they provided additional necessities such as shelter, medicine, and tools. Today, their value continues to increase and more benefits of trees are being discovered as their role expands to satisfy the needs created by our modern lifestyles. Trees contribute to their environment by providing oxygen, Improving air quality, climate amelioration, conserving water, preserving soil and supporting wildlife.

Trees control climate by moderating the effects of sun, rain and wind. They also lower the air temperature and reduce the heat intensity of the greenhouse effect by maintaining low levels of carbon dioxide.

Date of the Event: 29-10-2020

Name of the Event: Plantation

Venue: Vaddeswaram

No. of Participants: Students : 134 Faculty- 14

Trees have supported and sustained life throughout our existence. They have a wide range of practical and commercial uses. Trees provide important habitat for wildlife and are fundamental to many ecosystems on Earth. Even just a view of trees in cities can help to reduce stress and anxiety, and improve the overall well-being of an urban population. Trees are important for physical and mental wellness. A view of trees and green spaces from hospital windows has been found to increase the healing of patients, decrease our stress, and children do much better in school when they have a view of trees and green space and can spend time playing in nature.



NATIONAL UNITY DAY

Conducted at online on 31-10-2020

Description of the Event:

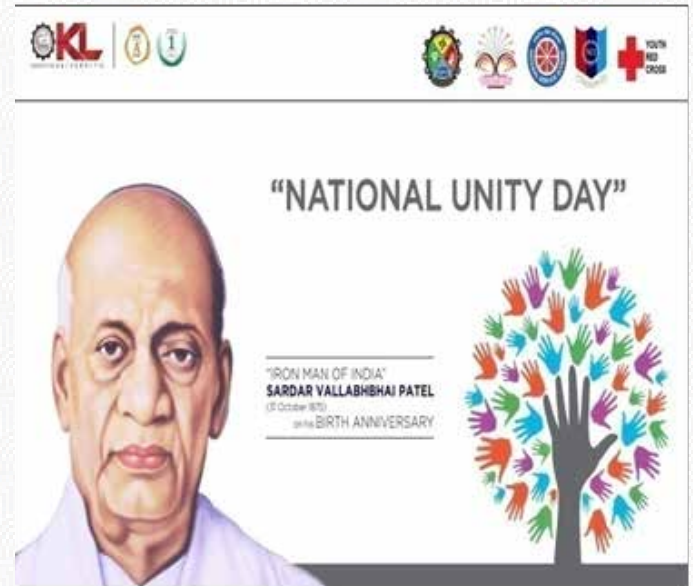
KL Deemed to be University (Koneru Lakshmaiah Education Foundation) KL Business School National Service Scheme Unit- 5 organized "National Unity Day" Pledge on 31st October 2020. On the occasion of Sri Sardar Vallabhbhai Patel 145th Birth Anniversary as Unity day and the faculty took pledge for the integrity of the country. The pledge includes the following: I solemnly pledge that I dedicate myself to preserve the unity, integrity and security of the nation and also strive hard to spread this message among my fellow countrymen. I take this pledge in the spirit of the unification of my country which was made possible by the vision and actions of Sri Sardar Vallabhbhai Patel. I also solemnly resolve to make my own contribution to ensure internal security of my country. In this programme Dr. M. Kishore Babu, Dean MHS, Prof. Venkateswara Rao Dept. of BBA HOD, Dr. Pradeep Patnaik, Deputy HOD Dept. of BBA and other faculty members participated.

Date of the Event: 31-10-2020

Name of the Event: National Unity Day

Venue: KLEF

No. of Participants: Students: 125 Faculty- 22



ROLE OF YOUTH IN NATIONAL BUILDING

Conducted online on 01-11-2020

Description of the Event:

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) College of Law National Service Scheme(NSS) Unit- 11 have been organized the an "Online Quiz Competition" on the theme "Role of Youth in National Building & Current Affairs" the college of law has been prepared the rules and regulations to the participants. And apart from the KL University students other Educational institution students has been registered and participated in the quiz competition.

Date: of Event: 01-11-2020

Name of Event:

Role of Youth in Nation Building (Quiz Competition)

Venue: Online

No. of Participants: Students: 82, Faculty: 02



PLANTATION @ MY HOME

Conducted on 03-11-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Civil Engineering Unit- 07 National Service Scheme (NSS) Volunteers participated Sampling of Plants in their Households as it contributes to Environment in many ways. Since the beginning, trees have furnished us with two of life's essentials, food and oxygen. As we evolved, they provided additional necessities such as shelter, medicine, and tools. Today, their value continues to increase and more benefits of trees are being discovered as their role expands to satisfy the needs created by our modern lifestyles.

Trees contribute to their environment by providing oxygen, Improving air quality, climate amelioration, conserving water, preserving soil and supporting wildlife. Trees control climate by moderating the effects of sun, rain and wind. They also lower the air temperature and reduce the heat intensity of the greenhouse effect by maintaining low levels of carbon dioxide. Trees have supported and sustained life throughout our existence. They have a wide range of practical and commercial uses. Trees provide important habitat for wildlife and are fundamental to many ecosystems on Earth. Even just a view of trees in cities can help to reduce stress and anxiety, and improve the overall well-being of an urban population. Trees are important for physical and mental wellness.

Date of the Event: 03-11-2020

Name of the Event: Plantation @ My Home

Venue: Respective houses

No. of Participants: Students- 28, Faculty- 05

A view of trees and green spaces from hospital windows has been found to increase the healing of patients, decrease our

stress, and children do much better in school when they have a view of trees and green space and can spend time playing in nature. You can grow your own fruit or nuts in your backyard. By planting fruit or nut trees in your yard, you can produce abundant food for yourself and your family, and perhaps even enough to share with friends, neighbors, other family members, and others in your community. Trees produce many important products that we use in our daily lives, including wood, medicine, and food.



HEALTH AWARENESS CAMP

For orphans Conducted on 07-11-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) College of Pharmacy National Service Scheme (NSS) has conducted "Health Awareness Camp for Orphans" at Nirmala Sishu Bhavan orphanage home, Krishna Lanka, Vijayawada, on 07th November 2020.

Objectives:

- ✓ Childcare
- ✓ Nutrition and balance diet
- ✓ Awareness on present pandemic situation
- ✓ Impact of Hygiene on Health
- ✓ Role of Physical Fitness
- ✓ Distribution of Food and Clothes

Date of Event: 07-11-2020

Name of Event: Health Awareness Camp

Venue: Krishna Lanka, Vijayawada

No. of Participants: Students: 24, Faculty: 25



"A Healthy Outside Starts From the Inside"
"Don't Focus On How Much You Eat.
Focus On What You Eat"

IMMUNIZATION CAMPAIGN

Conducted on 10-11-2020

(On Occasion of World Immunization Day)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS) has conducted "Immunization Campaign" on 10th November 2020 at Vaddeswaram on occasion of "World Immunization Day" Faculty of KLEF and others been part of this event. They have given awareness regarding the immunity and its benefits. World Immunization Day is celebrated every year on November 10. This day is celebrated to make people aware about the importance of getting timely vaccinations against vaccine preventable diseases.

Immunization is the process whereby a person is made immune or resistant to an infectious disease, typically by the administration of a vaccine. Immunization helps protect the child from life threatening diseases. It also helps reduce the spread of disease to others. Vaccines stimulate the body's own immune system to protect the person against subsequent infection or disease. Babies are born with some natural immunity which they get from their mother through breast-feeding. This immunity gradually diminishes as the baby's own immune system starts to develop. Immunization is one of the most cost-effective health investments and vaccination does not require any major lifestyle change.

Date of Event: 10-11-2020

Name of the Event: Immunization Campaign

Venue: Vaddeswaram

No. of Participants: Students:24 Faculty: 25

According to WHO, Immunization is a proven tool for controlling and eliminating life-threatening infectious diseases and is estimated to avert between 2 and 3 million deaths each year but an estimated 18.7 million infants worldwide are still missing out on basic vaccines. India has one of the largest Universal Immunization Programs (UIP) in the world in terms of the quantities of vaccines used, number of beneficiaries covered, geographical spread and human resources involved. Despite being operational for over 30 years, UIP has been able to fully immunize only 65% children in the first year of their life and the increase in coverage has stagnated. To achieve full immunization coverage for all children, the Government of India launched Mission Indradhanush in December 2014.



The ultimate goal of this program is to ensure full immunization with all available vaccines for children up to two years and pregnant women. Under this programme, all vaccines are available free of cost. "You can't enjoy wealth if you're not in Good Health...Eat the best leave the rest"

DIABETES CHECK UP CAMP

Conducted on 13-11-2020

(On Occasion of World Diabetes Day)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Electronics and Communication Engineering (ECE) Unit- 08 National Service Scheme (NSS) has conducted "Diabetes Check up Camp" on 13th November 2020, on occasion of "World Diabetes Day". All the faculty, Staff and Workers have been part of this program. 14th November is celebrated as the World Diabetes day every year. World Diabetes Day (WDD) was created in 1991 by IDF and the World Health Organization in response to growing concerns about the escalating health threat posed by diabetes.

World Diabetes Day became an official United Nations Day in 2006 with the passage of United Nation Resolution 61/225. It is marked every year on 14 November, the birthday of Sir Frederick Banting, who co-discovered insulin along with Charles Best in 1922. WDD is the world's largest diabetes awareness campaign reaching a global audience of over 1 billion people in more than 160 countries. The campaign draws attention to issues of paramount importance to the

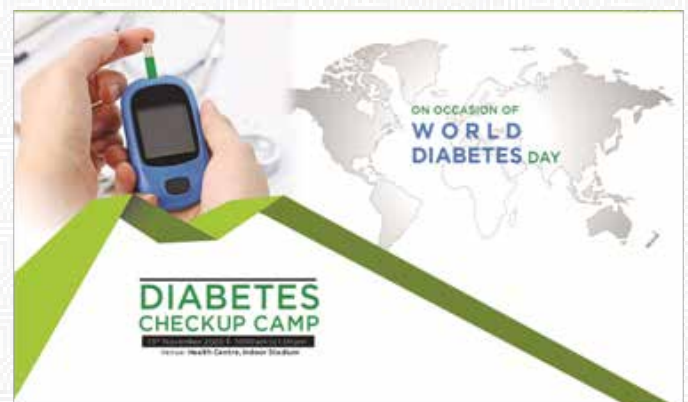
diabetes world and keeps diabetes firmly in the public and political spotlight.

Date of the Event: 13-11-2020

Name of the Event: Diabetes Check up Camp

Venue: Health Centre, Indoor Stadium

No. of Participants: 200 (Faculty, Staff)



The World Diabetes Day campaign aims to be the:

- Platform to promote IDF advocacy efforts throughout the year.
- Global driver to promote the importance of taking coordinated and concerted actions to confront diabetes as a critical global health issue
- The campaign is represented by a blue circle logo that was adopted in 2007 after the passage of the UN Resolution on diabetes. The blue circle is the global symbol for diabetes awareness. It signifies the unity of the global diabetes community in response to the diabetes epidemic.
- Every year, the World Diabetes Day campaign focuses on a dedicated theme that runs for one or more years. The theme for World Diabetes Day 2020 is The Nurse and Diabetes. Messaging and materials will start to be made available during the second quarter of 2020.



So as a part of this Diabetes Checkup Program is organized in our college. "Diabetes the Silent Killer Which Kills Part By Part of Our Life" "Let's Together Stop Diabetes"

SWACHH BHARAT @ MY HOME

Conducted at Respective Houses on 30-11-2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Electronics and Communications Engineering NSS Unit- 08 has conducted Swachh Bharat @ My Home on 30-11-2020. Volunteers are trying to keep their surroundings neat and clean to maintain a healthy Hygiene. In the present global pandemic crisis we need to keep our houses and surroundings clean. All of us live in a neighborhood or surrounding. We must keep our surroundings neat and clean. This will help us to live healthy and better lives. Keeping our surroundings clean will only help in the betterment of society. Every household generates waste or garbage. Now, waste or garbage should not be thrown anywhere, and everywhere, but only in trash bins. Throwing garbage all over the place will only dirties our surroundings and pollutes the environment.

Date of the Event: 30-11-2020

Name of the Event: Swachh Bharat @ My Home

Place of the Event: Respective Houses

No. of Participants: Students: 176, Faculty: 67

Controlling the use of plastic bags will also help to keep our surroundings clean. One should use recycled and eco-friendly products such as paper or jute bags instead of plastic bags. Throwing of plastic bags by the roadside only makes our surroundings dirty and unhygienic. Plastic bags are not soluble so they clog drains and cause water logging. Do not litter on the road or in your neighborhood. Littering cause's land, air and water pollution. Try planting trees and plants that will beautify our surroundings as well as keep us healthy. Greener surroundings look beautiful and also reduce pollution to keep us fit and healthy. Dirtying our surroundings will only cause harm to us. So, keep the surroundings clean and live happy and healthy lives.

Refuse single-use items (especially plastic). Straws, to-go cups, disposable razors, and plastic grocery bags are some ubiquitous examples of single-use products in our economy. Finding a reusable option for these items we use once and toss is a simple way to make a big difference.

Reduce use of chemicals & properly dispose of waste. Many industries dispose of their oil, paint, ammonia, and other chemicals openly. This is hazardous to water and air as these chemicals is soaked into the groundwater. When all of these chemicals combine, it's no wonder cancer rates have skyrocketed. Support regulations and incentives for companies to keep our environment clean. Agriculture is also a known polluter when it comes to chemical runoff. And when it comes to your own back yard, avoid over-fertilizing to make sure you're not contributing to algae blooms from runoff. Choose natural cleaning methods, environmentally-safer paints, and recycled or nontoxic home improvement materials to keep your indoor air cleaner (and naturally fresh) and your waste less harmful.



"Cleanliness is next to godliness"
"Clean India Beautiful India"

AWARENESS ON AIDS

On occasion of World AIDS Day KL Deemed to be University (Koneru Lakshmaiah Education Foundation) College of Pharmacy Unit- 06 National Service Scheme (NSS) has conducted online webinar on "Awareness on AIDS" on 05-12-2020 on occasion of World AIDS Day. The scheduled time at 12:00 pm through Cisco WebEx meeting application. The resource person has made students aware about that how HIV spreads. He also talked about the causes and symptoms of AIDS along with the preventive measures.

He has explained how the killer virus plays havoc with the immune system and takes the patients to the threshold of death. The positive sign was the student's including the NSS Volunteers concentration and eagerness towards the problems caused by AIDS by demonstrating placards in regard to stay safe from this deadly disease.

Total participants for this event were from the KLEF different branches and NSS Volunteers. Host of the webinar, Dr.M.Narendra, gave concluding speech and appealed the students to stay aware and spread awareness among people and lead a safe healthy life. In the end Mr.D.Prasanna Kumar of NSS Unit and Assistant Professor, College of Pharmacy gave vote of thanks to all. The programme came to a close at 01:00 pm.

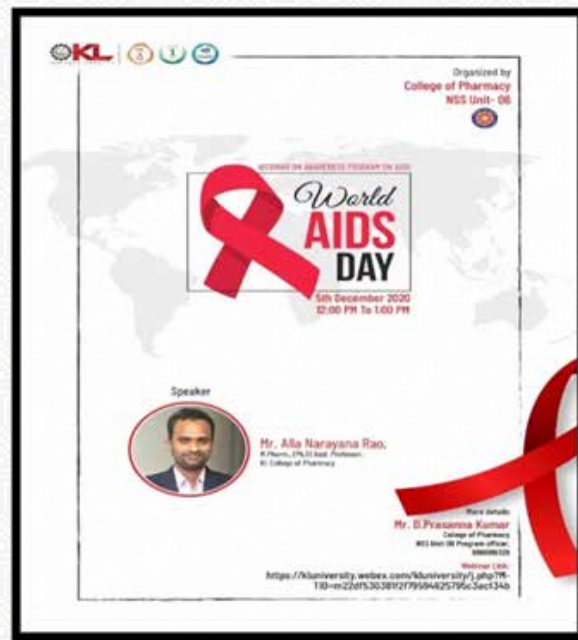
Web link: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m22df530381f2f79594625795c3acf34b>

Date of the Event: 05-12-2020

Name of the Event: Awareness on AIDS

Place of the Event: online

No. of Participants: Students: 41 Faculty: 123



AWARENESS ON HUMAN RIGHTS

Conducted on 12-12-2020 on occasion of World Human Rights Day

(Topic: An overview of the Universal Declaration of Human Rights)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) college of Law Unit- 11 National Service Scheme (NSS) has been organized an online webinar on World Human Rights Day on 12-12-2020: An overview of the Universal Declaration of Human Rights. And apart from the KL University student's other Educational institution, students have been registered and participated in the quiz competition.

Web link:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m87e62479a63a2ecb06daf8a4f582c82>

Meeting number: 158 335 9729

Password: PfdQsp2PR32

Resource Person: Prof. N. Rangaiah, LL.M., Ph.D, Principal, College of Law, KLEF.

Date of the Event: 12-12-2020

Name of the Event: World Human Rights Day

Venue: Online

No. of Participants: Students- 118, Faculty- 04



DRAWING COMPETITION

Drawing is a such activity which is considered as both discipline and hobby .drawing is stupendous activity which is rewarding the caliber and talent of the person. It enhances our motor skills, develops the problem solving skills, let's the imagination run the wild side, develops patience and coordination, presenting self expression giving way of achievement, bonding time between parent and children.

22(A) Tenali battalion, NCC KLEF UNIT carried out this drawing activity on October 2nd 2020 on the eve of Gandhi and Lal Bahadur Shastri Jayanti .Cadets participated by drawing the images of Gandhi and Sastry .It inspired the cadets how to gain knowledge by knowing the information about them.

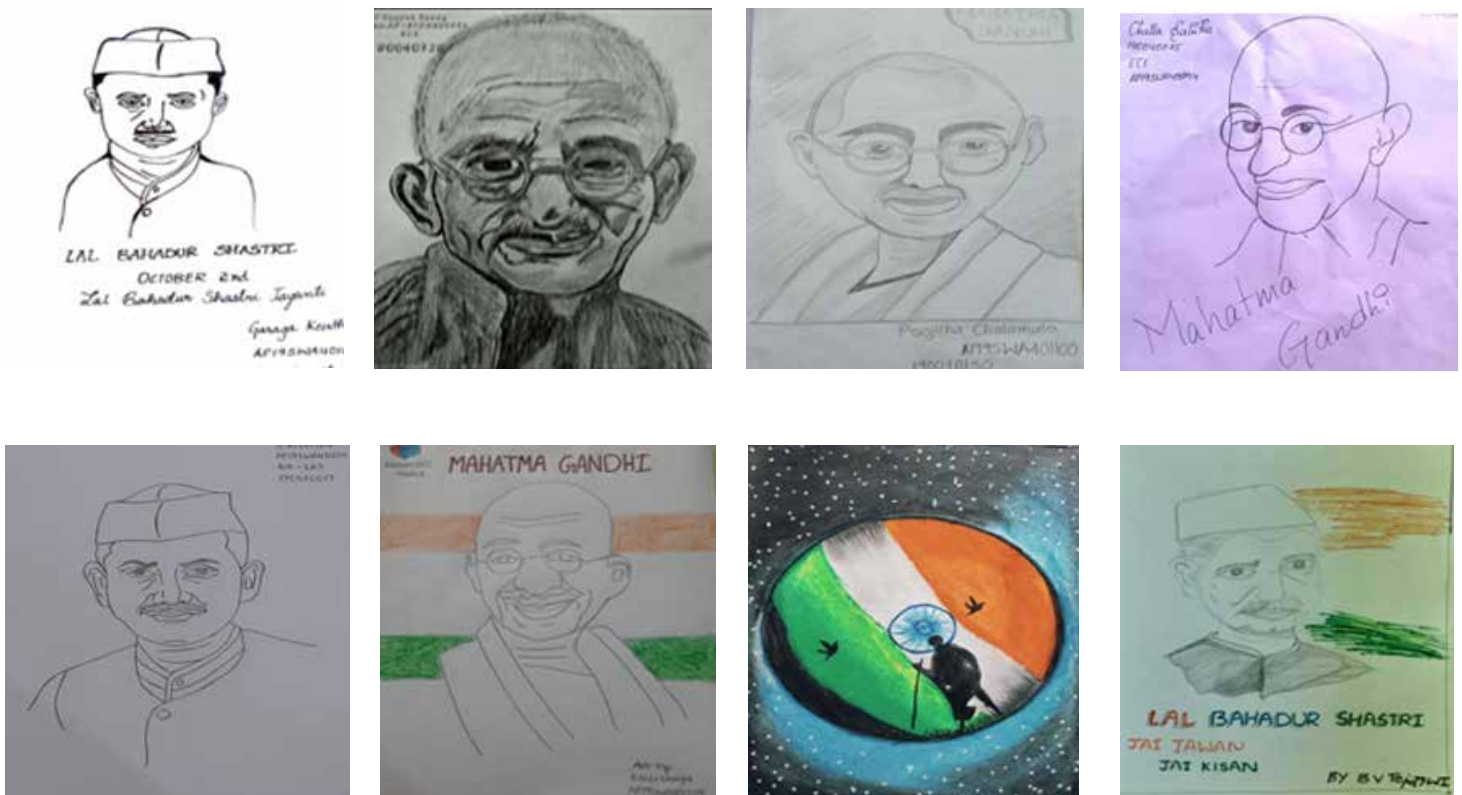
GANDHI AHIMSA PARAMO DHARMAHA:

SASTRY - JAI JAWAN! JAI KISAAN!

They said both Farmers & Soldiers play a key role in running the country.

Mohandas Karamchand Gandhi was an Indian lawyer, anti-colonial nationalist, and political ethicist, led Non-Cooperation Movement, Civil Disobedience Movement, Swaraj, and Quit-India movement against the British government. Gandhi identified his overall method of non-violent action as Satyagraha. The Nobel Peace Prize. He was nominated several times, but was never awarded the prize.

Lal Bahadur Shastri was an Indian politician who served as the second Prime Minister of India. He promoted the White Revolution a national campaign to increase the production and supply of milk. He was posthumously awarded the Bharat Ratna.



In this pandemic, NCC KLEF UNIT utilised this event in productive way. This event remembered our shine of patriotism and importance of skills. Cadets are participated in very active way .their participation stood as tribute to our legendary personalities.

TOTAL PARTICIPANTS: 118

QUIZ – DR. APJ ABDUL KALAM

India's missile man former president of India Dr APJ Abdul Kalam is being fondly remembered. His remarkable vision, steady determination and unyielding passion, all for the progress of India places him in the list of our Nation's greatest leaders. India can never forget his indelible contribution as his birth Anniversary being celebrated as "STUDENTS DAY" in India because Kalam loves spending time with students. Kalam wants to be identified as a "TEACHER".

An effaceable mark is created in the minds of millions of Indians by our "PEOPLES PRESIDENT". He was the proud **Author of numerous inspirational books like:**

- LUMINOUS SPARKS
- INDIA 2010
- IGNITED MINDS
- WINGS OF FIRE AND INSPIRING THOUGHTS "Dream is not what you see in sleep, it is the thing which doesn't let you sleep"

His life works & beliefs are filled with examples & inspiration which awarded him:

- ✓ PADMA BUSHAN
- ✓ PADMA VIBHUSHAN
- ✓ BHARAT RATNA

He was also awarded:

- ✓ Indira Gandhi award for NATIONAL INTEGRATION in 1997
- ✓ Veer savarkar Award in 1980
- ✓ Ramanujan Award and also received many honorable Doctorates in 2000

No. of Students participated: 127



22(A)TENALI BATTALION ,NCC UNIT,KLEF conducted QUIZ about the biography of APJ ABDUL KALAM remembering his excellence on his birth Anniversary .In this pandemic, NCC,KLEF UNIT utilized this event in productive way. This event remembered us the shine of patriotism and importance of skills



Cadets participated very actively in it. Their participation stood up to the mark as tribute for great Leader who promoted his significant role as "INSPIRING INDIAN."



HAND WASH QUIZ

This Quiz is conducted by KL University 22(A) battalion NCC.

The reason of conducting this event is as follows:

- TO BRING AWARENESS ON WASHING HANDS
- HELPS EVERYONE TO BE HEALTHY.

This Quiz is all about bringing awareness and encouraging people to wash their hands.

- Hand washing with soap removes germs from hands. This helps prevent infections.
- People frequently touch their eyes, nose, and mouth without even realizing it. Germs can get into the body through the eyes, nose and mouth and make us sick.
- Germs from unwashed hands can get into foods and drinks while people prepare or consume them. Germs can multiply in some types of foods or drinks, under certain conditions, and make people sick.
- Germs from unwashed hands can be transferred to other objects, like handrails, table tops, or toys, and then transferred to another person's hands.
- Removing germs through hand washing therefore helps prevent diarrhea and respiratory infections and may even help prevent skin and eye infections.

Teaching people about hand washing helps them and their communities stay healthy. Hand washing education in the community:

- Reduces the number of people who get sick with diarrhea by 23-40%
- Reduces diarrheal illness in people with weakened immune systems by 58%

Hand washing helps battle the rise in antibiotic resistance: Preventing sickness reduces the amount of antibiotics people use and the likelihood that antibiotic resistance will develop. Hand washing can prevent about 30% of diarrhea-related sicknesses and about 20% of respiratory infections (e.g., colds) 2, 5. Antibiotics often are prescribed unnecessarily for these health issues 14. Reducing the number of these infections by washing hands frequently helps prevent the overuse of antibiotics—the single most important factor leading to antibiotic resistance around the world. Hand washing can also prevent people from getting sick with germs that are already resistant to antibiotics and that can be difficult to treat.

No. of students participated: 148



JAL SHAKTI ABIYAN

This Event is conducted by ministry of jal shakti. The reason of conducting this event is as follows:

- TO BRING AWARENESS ON SAVING WATER

This event is all about bringing awareness and encouraging people to save water. This programme is launched by ministry of jal shakthi. The ground to initiate this eventuality is followed below Divulge the cognizance on conservation of water.

The Jal Shakti Abhiyan, launched by the Union jal Shakti minister has begun from 1st July, 2019.

- ✓ The Jal Shakti Abhiyan is a campaign for water conservation and water security in the country.
- ✓ The campaign will run through citizen participation in two phases, firstly, during the monsoon season, from 1st July, 2019 to 15th September, 2019 and then from 1st October, 2019 to 30th November, 2019 for states receiving the North East retreating monsoons.
- ✓ It is a collaborative effort of various ministries of the Government of India and state governments, being coordinated by the Department of Drinking Water and Sanitation (DDWS) that comes under the Jal Shakti Ministry.

✓ The focus of the campaign is on water stressed districts and blocks. The teams of officers from the central government will visit and work with district administration in 1592 water stressed blocks in 256 districts, to ensure five important water conservation interventions.

- ✓ The five important water conservation interventions are:
 - o Water conservation and rainwater harvesting,
 - o Renovation of traditional and other water bodies/tanks,
 - o Reuse of water and recharging of structures,
 - o Watershed development and
 - o Intensive afforestation.

✓ The water conservation interventions will also be supplemented with special interventions including the development of block and district water conservation plans, promotion of efficient water use for irrigation and better choice of crops through Krishi Vigyan Kendras.

Jal samrakshan jarurath bhi hai!!! Aur karthavya bhii!!!

No. of students participated: 68

SKILL DEVELOPMENT

Skill plays a vital role in shaping our personality. A skill is a proficiency to do something. Skill is not only essential to support the economic growth, but is also a pre condition for growth to be inclusive. Skills are the driving forces of economic growth and social development for the country. Countries with higher and better levels of skills adjust more effectively to Challenge the world of work.

22(A) Tenali battalion, NCC KLEF UNIT effectuated this skill development program in this month October. Cadets gave an active participation by writing poetry and articles on skill development. It paved the way to enhance various skills and its significance in our life.

As India moves progressively towards becoming knowledge economy, it becomes increasingly important that country should focus on advancement of skills that are relevant to emerging economic environment.

The 11th five year plan of India has provided a base for skill development are:

- ✓ PM'S NATIONAL COUNCIL ON SKILL DEVELOPMENT
- ✓ NATIONAL SKILL DEVELOPMENT COORDINATION BOARD
- ✓ NATIONAL SKILL DEVELOPMENT CORPORATION.

SKILLS can be of three types:

- ✓ Transferable(or)Functional
- ✓ Personal Traits/Attitudes
- ✓ Knowledge-based.

These are the institutions to anchor the skill development agenda, escalating the pace of skill through identification and coordinating in federal feature. Development in skills helps in self reflection, critical thinking, problem solving, inter personality, self regulation, teaches empathy, improves concentration and exploration of human world.

No. of students participated: 66



SELF DEFENSE CLASS

Self defense is a countermeasure that involves defending the health and well-being of oneself from harm. Self-defense refers to your right to protect yourself from suffering force or violence through the use of a sufficient level of counteracting force or violence. Self defense is very much needed for girls in this present situation; however girls who learn self defence find themselves more confident.

In the self defense class conducted by the NCC unit, KLEF, cadets observed and learnt the techniques taught. Learning such tactful techniques will always help women in their difficult situations. Self defense can boost the confidence of women and it helps them to protect themselves and their family. No. of students participated: 64 No. of Faculty participated: 03



CONSTITUTIONAL DAY YOUTH CLUB ACTIVITIES

The existence and successful survival of 'Democracy' in such diverse conditions is the most celebrated fact about our country and constitution is its backbone. To reinforce the significance and importance of constitution the government of India declared 26th of November as Constitution Day a gazette notification in remembrance of the Father of Indian Constitution Dr B.R. Ambedkar.

A specially designed youth club activities on Constitution were conducted from 18th to 25th November in various aspects such as Essay writing, slogan writing, Painting etc to enhance the awareness among cadets about constitution. V. Mounika, NCC INCHARGE, KL UNIVERSITY, 22(A) BN NCC TENALI addressed the cadets through Google meet and informed



about the importance of constitutional day and about the rights of Indian citizens provided by the constitution of India which took us on a journey of our constitution from its history to its present day form and its vital role to bring together an idea called India.

CONSTITUTION DAY

Topic:-History and Importance of Indian Constitution

The Indian constitution is the pride of its citizens. The document lays down the framework demarcating fundamental political code, structure, procedures, powers, and duties of government institutions and sets out fundamental rights, directive principles of state policy and the duties of citizens. It is the longest written constitution of any country on Earth. Dr.B.R.Ambedkar, the chairman of the drafting committee, is widely considered to be its chief architect.

The Constitution of India came into force on 26th January, 1950. At the time of its adoption, the Constitution contained 395 Articles and 8 Schedules and was about 145,000 words long, making it the longest national Constitution to ever be adopted. Every article in the Constitution was debated by the members of the Constituent Assembly, who sat for 11 sessions and 166 days to frame the Constitution, over a period of 2 years and 11 months. The constitution declares India a sovereign, socialist, secular, democratic, republic, assuring its citizens justice, equality and liberty and endeavors to promote fraternity.

through Google meet app and the above mentioned topic was discussed. The session was a flow of persistent and dynamic data .Apart from gaining valuable information from the speech of Mounika ma'am , even cadets participated in sharing the information they gathered about our Indian Constitution through power point presentations. The session was uninterrupted and was more like a classroom interaction. 'Constitution of India 'is the supreme law of India and it belongs to each and every Indian. Thus the cadets are glad to have a glance over Indian Constitution as it is considered to be an honour to read and spread knowledge about it. Cadets are happy and are a waiting for more sessions like this.

NCC DAY - QUIZ

This Quiz is conducted by KL University 22(A) battalion NCC. The reason of conducting this event is as follows:

- To Know About The History Of Indian Ncc.
- The Quiz All About Knowing About The History And Greatness Of Ncc.

AIM OF NCC:

- To develop qualities of character, courage, comradeship, discipline, leadership, secular outlook, spirit of adventure and sportsmanship and the ideals of selfless service among the youth to make them useful citizen.
- To create a human resource of organised trained and motivated youth to provide leadership in all walks of life including the Armed Forces and be always available for the service of the nation.

HISTORY OF NCC:

- The NCC in India was formed with the National Cadet Corps Act of 1948.
- It was raised on 15 July 1948 The National Cadet Corps can be considered as a successor of the University Officers



No. of students participated: 66

No. of Faculty participated: 02

V. Mounika the ANO of NCC Unit of KL University of 22'A' BN NCC ,TENALI took a webinar from 3pm-4pm ,on 19th November



Training Corps (UOTC) which was established by the British in 1942.

- During World War II, the UOTC never came up to the expectations set by the British. This led to the idea that some better schemes should be formed, which could train more young men in a better way, even during peace times.
- A committee headed by Pandit H.N. Kunzru recommended a cadet organization to be established in schools and colleges at a national level. The National Cadet Corps Act was accepted by the Governor General and on 15 July 1948 the National Cadet Corps came into existence.
- During the 1965 and 1971 wars with Pakistan, NCC cadets were the second line of defence.
- They organised camps to assist the ordinance factories, supplying arms and ammunition to the front, and also were used as patrol parties to capture the enemy paratroopers.
- The NCC cadets also worked hand in hand with the Civil Defence authorities and actively took part in rescue work and traffic control. After the 1965 and 1971 Indo-Pak wars the NCC syllabus was revised.

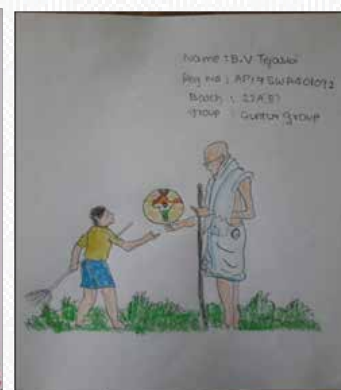
SWACHCHTA PAKHWADA

Swachh Bharath Abhiyan a tremendous sanitation program initiated in India which became the world's greatest cleanliness drive. A part of this mission is Swachhta Pakhwada, under which many activities are being carried out all over India. Since sanitation and hygiene serves as an important preventive measure for the community health, primary care and well-being, the response would be tremendous if such activities will be conducted by medical and para-medical fraternity who would deliver such messages to them. It would serve as an investment for healthier and prosperous India.

Writing essays involves critical thinking, a purposeful and reflective analysis used to reach conclusions. Critical thinking challenges students to scrutinize arguments and positions they may have taken granted, getting them to develop their points more thoroughly.

Drawing improves the world and make us to raise up with it and feel more beautiful and more contented .Drawing and coloring is a good activity and acts as a educational program tool. Drawing is means of communication of ideas. Through drawings we are able to bring our idea to life and make it accessible to other people.

22(A) Tenali battalion, NCC UNIT, KLEF carried out these drawing and essay writing competitions on 14th December in the event of SWATCHATA PAKHWADA and acquired the good knowledgeable concept of life such as importance of cleanliness. Cadets participated in bustling way by giving their essays and arts. In this pandemic, NCC UNIT, KLEF capitalized the event in prolific way. This event enhanced the cadets' concentration and eye to hand coordination, fine motor skills. No. of students participated: 72



Their participation stood as a tribute to first line workers and promoted the significance of cleanliness in the society. Their performance made the event successful.

WIPING OF STATUES

Cleanliness is next to godliness. Swachh Bharat mission was launched to achieve total sanitation and cleanliness all across the nation. As a part of this mission Swachh Pakhwada was started in April 2016 with the objective of bringing a fortnight of intense focus on the issues and practices of swachh by engaging GOI ministries/departments in their jurisdictions. Like during past few years, swachh pakhwada day wise activities are planned by NCC even in this year and this time additional event i.e., the mission of ensuring cleanliness is even extended to wiping of statues of great personalities like freedom fighters & public servants, as a mark of respect and gratitude.

Instructions given:

- Strictly avoid the statues of movie actors or actresses.
- Cadets should upload their photos while cleaning the statues in the posted Google form by 5pm on 26th December.
- Upon the photo that the cadets were going to upload the name of the special, great personality must be mentioned.

No. of students participated: 72

The Indian independence movement was a great movement by various people from nook and corner of the country. They had sacrificed their blood and soul for the independence of their country. There are numerous freedom fighters and public servants in India who have fought against the British rule and to bring a change. Mohandas Karamchand Gandhi, Dr B.R.Ambedkar, Dr. Rajendra Prasad, Sardar Vallabhai Patel, Jawaharlal Nehru, Bhagat Singh, Mother Teresa, Vinoba Bhave are few prominent leaders in India. Freedom fighters and social reformers are the ones who solely contribute to the nation, society without expecting anything other than change. Their greed is for 'Change' but not for materialistic benefits. We, as the citizens of India need to take steps forward in paying our gratitude to those altruistic personalities by voluntarily participating in such events. The main aim of this event is to re-instill patriotism along with the activities conducted as a part of Swachh Bharat mission.



The cadets of the NCC Unit of KL University of 22(A) BN NCC, Tenali actively participated in this event. The cadets firmly believed that 'wiping of statues' event will be successful only when it becomes a people's movement and for that all need to play the role of a catalyst. Thus the cadets enthusiastically participated and contributed to this event.

FIT INDIA FREEDOM WALK

Date: 02/10/2020 Venue: KLEF

KLEF-CEA organized FIT INDIA FREEDOM WALK event to take the people on a path of fitness and wellness. It provided a unique and exciting opportunity to work towards a healthier society.

As part of the movement, KLU faculty and staff undertook various efforts for their own health and well-being and walked around the college.

No. of students participated: 284

No. of Faculty participated: 14



NEVER GIVE UP

Date: 02.10.2020

Venue: Online Event

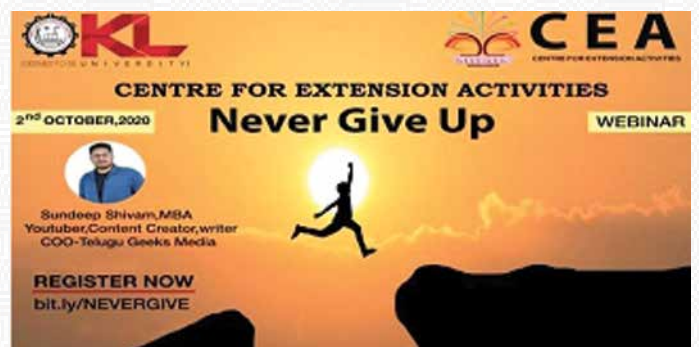
On October 2nd 2020, KLEF-CEA had conducted "NEVER GIVE UP" webinar. This event is conducted in the presence of Mr.Sundeep Shivam coo of Telugugeeks media. We create awareness regarding Law of attraction, Power of subconscious mind and 17 sec manifestation many of the students participate from different states. We have successfully conducted the webinar through ZOOM meetings.

Benefits:

- ✓ Participants had been get positive attitude and mindset
- ✓ Though we get a failure we can build some thoughts to achieve our goal

No. of students participated: 113

No. of Faculty participated: 05



MENSTRUAL HYGIENE

On October 5th 2020, KLEF-CEA had conducted "MESTRUAL HYGIENE" webinar. This event is conducted in the presence of Dr.Ch.FELICE and M.S.EKKLESIA SESHAM. Department of BIOTECHNOLOGY, KLEF. We create awareness regarding the menstrual cycle and also problems faced by the women on period of menstruation. We have successfully conducted the webinar through WEBEX meetings.

Benefits:

- ✓ Participants came to know the importance of menstrual cycle.
- ✓ Participants known about menstrual hygiene and usage of sanitary pads.
- ✓ Participants came to know about the exercises and some tips which reduces pains during menstruation.

No. of students participated: 52

No. of Faculty participated: 02



Period.....
Its a "taboo" topic???????
"Unclean or Embarrassing"



GRAMANUBHAV

Date: 09.10.2020 to 11.10.2020

Venue: Online Event

KLEF-CEA have Organized the event Gramanubhav-Explore the Rural event.

The event consists of Technical and Non Technical events.

The competitions are conducted from 9th October 2020 to 11th October 2020 with schedules of specific day dedicated to particular competition.

Technical events consist of Tech-Mela and Quiz.

Non technical events consist of Janapada Geethalu, Kalam-Kagaj (poetry) and Tales of Village (Interactive Session).

But as we're amid a pandemic and putting the safety of everyone in the forefront, this event is conducted on an online platform.

The total Event is organized for 5 days.

SNO	EVENT NAME	DATE
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TECHNICAL EVENTS

1	Tech-Mela	09/10/2020
2	Quiz	10/10/2020

NON TECHNICAL EVENTS

3	Janapada Geethalu	09/10/2020
4	Kalam-Kagaj	10/10/2020
5.	Tales of Village	11/10/2020

Technical Events:

1. Tech-Mela:

Participants should come up with a solution for a rural related problems. They have to give a Technical Solution for it. If any

solution is effective, we will try to implement the solution by taking their consent. The competition will be conducted in two rounds.

2.Quiz:

Competition is conducted in Quiz app. Participants are provided with a quiz link. They are provided with questions related to agricultural policies, their culture, rural aspects. It is conducted in two rounds.

Non-Technical Events:

1.JanapadaGeethalu:

Participants are provided with a submission link where they have to upload their song video with their respective token number. They have to sing only folk songs.

A WebEx meeting is conducted. In the meeting the folk songs are played and the judges based on their performance have allotted the marks.

2.Kalam-Kagaj:

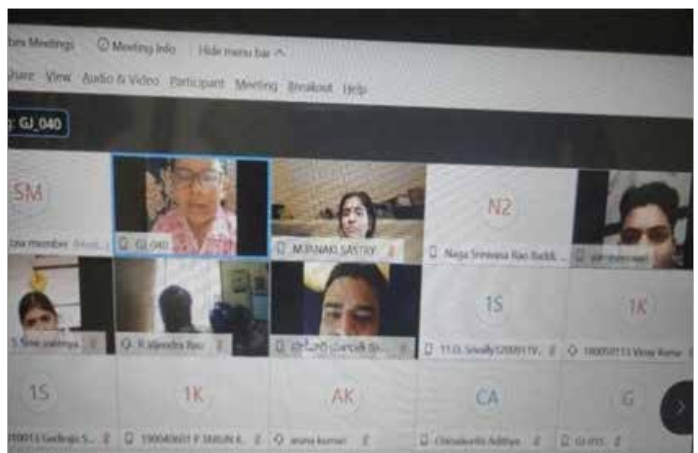
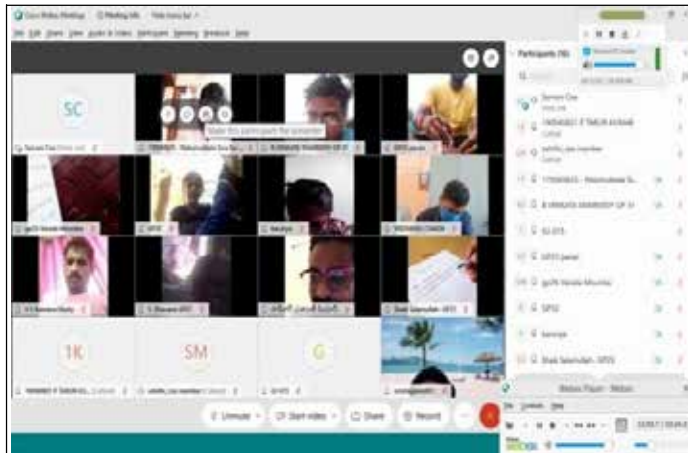
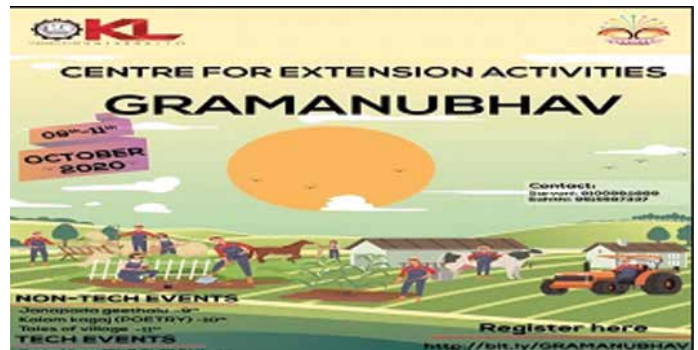
It is a poetry competition. Competition is held in WebEx app where participants have to write the poem by switching on their cam. Their work has to submit in a link provided by us. Their submissions are sent to a judge and judge had allotted the marks based on their performance.

3.Tales of Village:

It is an interactive session where participants have to share their views, experiences and their memories with the village. At the end of the session winners have been announced. All the events are a grand success. Participants had participated with great enthusiasm.

Event Beneficiary:

1. In the event Tech-Mela participants had given great solutions for rural related problems.
 2. From the event tech-Mela participants got awareness about rural related problems.
 3. Quiz participants got to know many unknown facts about rural aspects.
 4. Many of them, who didn't know folk songs, learned them and understood the feelings of the village people from the folk songs.
- No. of students participated: 135
No. of Faculty participated: 01



YUVA

Agriculture is an ultimate weapon of the country which promotes healthy living and prosperous lives! Agriculture can be at its best when youth are involved in it! Team KLEF-CEA, is organizing an event named YUVA, in which youth are needed to take snaps by working in agricultural lands and send us! Those pics will be posted in the insta page and the most liked pic will be awarded winner.

No. of students participated: 52
No. of Faculty participated: 06



MINI TALES (KALAM APKO SALAM)

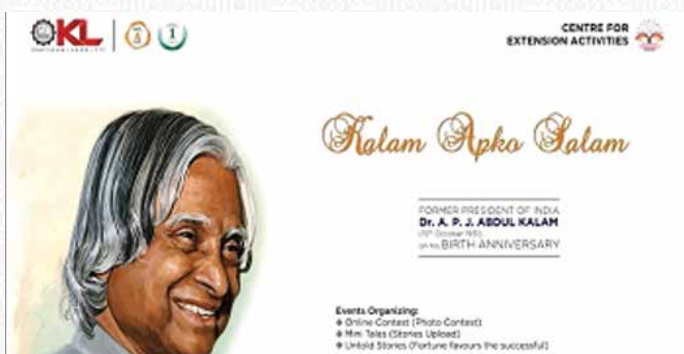
Description of the Event:

If you FAIL, never give up because fail means "first attempt in learning". These are the words said by our former president Dr.APJ Abdul Kalam. Many such words uttered by him were not just out of his intellect, they were out of his experience rather. There are many such situations and phases of kalam's life which just did not turn him to be a great human being but also stood as an inspiration for many young aspirants like us. Grab this opportunity of recollecting those inspirational experiences of Abdul Kalam's life and present them in the form of mini-tales. Join us in reliving and cherishing the phases of Kalam's life.

Benefits:

- Taking privilege to recollect and embrace the life of Dr.A.P.J.Kalam.

No. of students participated: 38 No. of Faculty participated: 0



TAKE A SNAP (KALAM APKO SALAM)

Description of the Event:

India is well known as a country of unity in diversity. No matter whom we pray, what we wear, which language we speak, every citizen of this nation believes in "One for all and all for one". Take a snap is an Instagram contest in which u need to click a picture with your friends who belong to different religions and follow different customs and post the picture. Spread the idea of unity and equality

Benefits:

- Showing the unity of religions in India.

No. of students participated: 47

No. of Faculty participated: 07



UNTOLD STORIES (KALAM APKO SALAM)

Place of birth, financial crisis, family situations, and so on... Neither of these can stop u from reaching your destination if you are strong enough with your determination. There are many such ideal personalities in our society, who have gone through several obstacles to reach their goals. We team CEA is conducting a webinar "Untold Stories" in which some of the inspirational personalities of this society share their inspiring journey with us and drive us towards our goals on the occasion of Abdul kalam Birth Anniversary i.e. 15th October.

Benefits:

- Taking privilege to recollect and embrace the life of Dr.Abdul kalam.

No. of students participated: 56

No. of Faculty participated: 40





HEALTHY EARTH

Date: 26.10.2020

Venue: KLEF (Online)

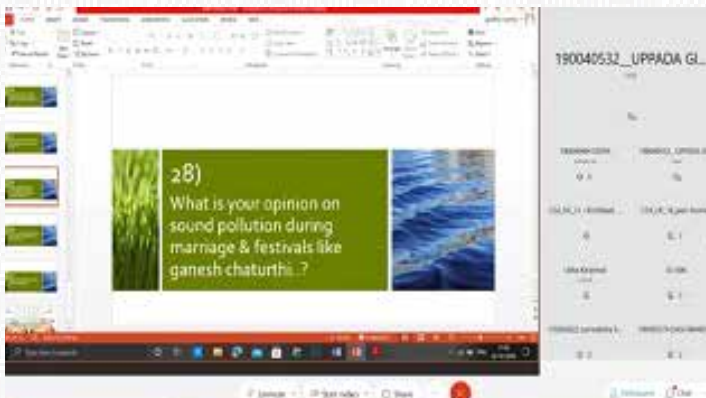
On October 26th 2020, KLEF-CEA had conducted Healthy Earth event. In this event we conducted "Just a minute" competition on environment topics. We create awareness on many environmental issues. We encouraged many participants in public speaking. Many of the students participate from different states. We have successfully conducted the webinar through WEBEX meetings.

Benefits:

- ✓ We brought awareness on environmental issues for the participants
- ✓ We encouraged Participants to show their talents in public speaking

No. of students participated: 260

No. of Faculty participated: 18



RICE BOWL CHALLENGE

Date: 18.10.2020

Venue: KLEF

Aspiration: The main Endeavour of the event is to help the needy.

Initiation: We team CEA took a lead in helping the needy through this event "Rice Bowl Challenge". We have involved the students and faculty of our university to donate their own amount of rice. We have placed drop boxes at many places in our Campus. We have collected the rice. We CEA Staff have personally visited the Orphanage homes before selecting them for distribution of Rice.

The following are the places where the things collected are distributed:

S.No	Name of Orphanage	Location	No. of Kgs
1	Sri Krishna Chaitanya Old Age Home	Mangalagiri	125
2	Jamiya Islamiah Arabic School	Gannavaram	150
3	Lavanya Vasavya Old age home	Vijayawada	125

Conclusion:

The entire faculty, students and the staff are the main reason for the grand success of the event. Their support for us in the collection of rice. The eyes of the one in need are the real witness for their sufferings. Kindness is the language which deaf can hear, dumb can speak, blind can see and needy can be benefited. So, we continue this event "Rice Bowl Challenge" to help the needy to see and save their smiles.

No. of students participated: 63 No. of Faculty participated: 12



HEALTHY DIET FOR PREVENTION OF INFECTIOUS DISEASES

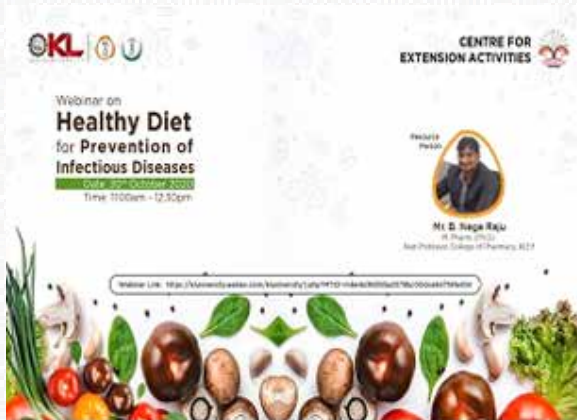
The main scenario of the topic includes creating awareness about Healthy diet for prevention of different infectious diseases. The session also discussed in detail about Different types of diet sources and diet chart for different types of diseases. In Final, the session had ended with Queries. This is my Third webinar which gave an immense pleasure for being a part in CEA.

I sincerely thank to Dr.G.Chakravarthi, Principal, K L College of Pharmacy, Dr.P. Gopi Krishna, Prof. In-charge, CEA, Dr.K.R.S. Prasad, Dean (Student Affairs), Dr.A.Rajasekar Reddy, Assistant Professor, K L College of Pharmacy for their continues motivation and Dr. S.Venkateswarlu, Coordinator, Center for Extension Activities (C.E.A), KL University for technical support.

Date of webinar : 30.10.2020

Title of Event : webinar on "Healthy diet for prevention of Infectious diseases" No. of students participated: 105

No. of Faculty participated: 02



ART OF MASTERY IN WORK

Date: 01.11.2020

On November 1st 2020, KLEF-CEA had conducted "ART OF MASTERY in work" webinar. This event is conducted in the presence of Ms. S. Sri Vidhya, Assistant Professor, Academic Staff College. We create awareness on NLP and some other strategies to reach our goals easily.

In this webinar many of the participants get awareness in how to become master in chosen work. Mrs. S. Sri Vidhya madam explains about neuron linguistic programming (NLP), goal setting, types of practices, human nature. These all topics which are explained by madam are useful to many of the participants how to deal with the goals. Madam also explained about self awareness which helps us to motivate ourselves when we are in stress and depression. The topics which are explained by the madam are useful not only for how to deal with our goals but also to know about a person characteristic. We hope that these topics are useful to all types of people like who want to deals other person.

At the end of the meeting participants actively participated in clarifying their doubts with the help of S. Sri Vidhya madam. We have successfully conducted the webinar through WEBEX meetings.

Benefits:

- ✓ Participants know about some strategies to achieve their goals.
- ✓ Participants know about NLP which helps to know about some characteristics of a person.

No. of students participated: 145 No. of Faculty participated: 04



EYE CAMP PROGRAM

Centre for Extension Activities & Department of Mathematics, Koneru Lakshmaiah Education Foundation has conducted EYE CAMP under extension activity in K L E F in association with Vasana Eye Care, Vijayawada on 12-11-2020. Dr. Jagadeesh, Director-FED, Dr. V. Krishna Reddy, Vice-Principal & Coordinator-FED, Dr. KRS Prasad, Dean (SA), and Dr. B.V. Appa Rao, HOD- Mathematics, All faculty members of Mathematics Department, Mr. K. Venkata Rama Rao, Manager, Vasana Eye Care, Vijayawada, and CEA team, KLEF have participated in this program. A total of 150 faculty/non-teaching/staff utilized this service.

Date of webinar : 12.11.2020

Title of Event : "EYE CAMP PROGRAM"

No. of students participated: 185 No. of Faculty participated: 08





కెఎల్ యూ అధ్యాపకులకు కంటి పరీక్షలు

ప్రజాశక్తి - తాడేపల్లి రూరల్

కెఎల్ విశ్వవిద్యాలయం గణిత విభాగం ఆధ్వర్యంలో విజయవాడ 'వాసన్ ఐ కేర్' సౌజన్యంతో 125 మంది అధ్యాపకులకు శుక్రవారం కంటి పరీక్షలు నిర్వహించారు. విద్యార్థి విభాగ సంక్షేమ అధిపతి డీన్ డాక్టర్ కెఆర్ఎస్ ప్రసాద్ మాట్లాడుతూ ఆన్లైన్ విద్యావిధానం వల్ల కళ్ల సమస్యలు వచ్చే అవకాశాలు ఎక్కువగా ఉన్న దృష్ట్యా పరీక్షలు చేయించామని చెప్పారు. అనంతరం అవసరమైన వారికి మందులు, కళ్లజోళ్లు అందించారు. కార్యక్రమంలో ఎఫ్.ఇ.డి డైరెక్టర్ డాక్టర్ జగదీష్, కో-ఆర్డినేటర్ డాక్టర్ కృష్ణారెడ్డి, గణిత శాస్త్రం విభాగాధిపతి డాక్టర్ బి.వి.అప్పారావు, సిబ్బంది పాల్గొన్నారు.

Sat, 14 November 2020
epaper.prajasakti.com/

కేఎల్సీ అధ్యాపకులకు కంటి పరీక్షలు

తాడేపల్లి, సెంటర్ 13 (ప్రభాసాద్): మండలపరిషత్లోని వజ్రేశ్వరం కోనేరు లక్ష్మయ్య ఇంజనీరింగ్ కళాశాలలో శుక్రవారం గణిత విభాగం ఆధ్వర్యంలో ఐ కేర్ సౌజన్యంతో విశ్వవిద్యాలయ ప్రాంగణంలో అధ్యాపకులకు కంటి పరీక్షలు నిర్వహించారు. విద్యార్థి విభాగ సంక్షేమ అధిపతి డీన్ డాక్టర్ కెఆర్ఎస్ ప్రసాద్ మాట్లాడుతూ, ఆన్లైన్ విద్యావిధానం వల్ల కంటి సమస్యలు వచ్చే అవకాశాలు ఎక్కువగా ఉన్నాయని, దానితోనే అధ్యాపకులకు కంటి పరీక్షలు నిర్వహించి తగిన డాగ్లర్లు పాలించాలని నైపుణ్య సూచించినట్లు తెలిపారు. కో-వార్డు టీసీసీనే ఆహారంలో పోషకాహారాలు ఉండాలి చూసుకోవాలని తెలిపారు. కరోనా సమయంలో ఆన్లైన్ విద్యావిధానం చేస్తున్న అధ్యాపకులకు నైపుణ్య సూచనలు, గుణాలు ఇచ్చినట్లు పేర్కొన్నారు. అవసరమైన అధ్యాపకులకు కళ్లజోళ్లు, మందులు పంపిణీ చేసినట్లు తెలిపారు. సుమారు



అధ్యాపకులకు కంటిపరీక్షలు చేస్తున్న నైపుణ్య

125 మంది విశ్వవిద్యాలయ సిబ్బందికి పరీక్షలు నిర్వహించాడని ఆయన తెలిపారు. ఈ కార్యక్రమంలో ఎఫ్.ఇ.డి డైరెక్టర్ డాక్టర్ జగదీష్, కో-ఆర్డినేటర్ డాక్టర్ కృష్ణారెడ్డి, గణిత శాస్త్రం విభాగాధిపతి డాక్టర్ బి.వి.అప్పారావు, సిబ్బంది పాల్గొన్నారు.

Sat, 14 November 2020
<http://epaper.prahasnava.com/c/36159588>

BIO ENZYMES

Date: 13/11/2020 Venue: KLEF

“Change your perspective towards Nature”

Objectives:-

- To encourage more sustainable way of living.
- To expose to the easiest way of making bio enzyme at home.
- To make understand the amount of pollution we make with chemicals used in the process of cleaning.
- To make students understand importance of bio enzyme in their day to day life.

Expectations:-

- Understand home composting and easy process of making bio enzyme.
- Make them try on their own this magic solution which reduces the chemical usage.

Faculty Coordinators: - Varun V and Harshita K

Bio-Enzyme cleaners are organic solutions produced by fermentation of fruits, vegetables, jaggery and water. These cleaners use the good bacteria to digest wastes, soils, stains, and bad odors. The bacteria do this by producing enzymes specifically designed to break down certain molecules (waste and soils) into smaller pieces. Sounds too simple to be true. It is indeed a miraculous solution according to thousands of users and Ar. D. Yamini is one of those. It is so simple to make that everyone can make their own in their homes and the Webinar is all about it.

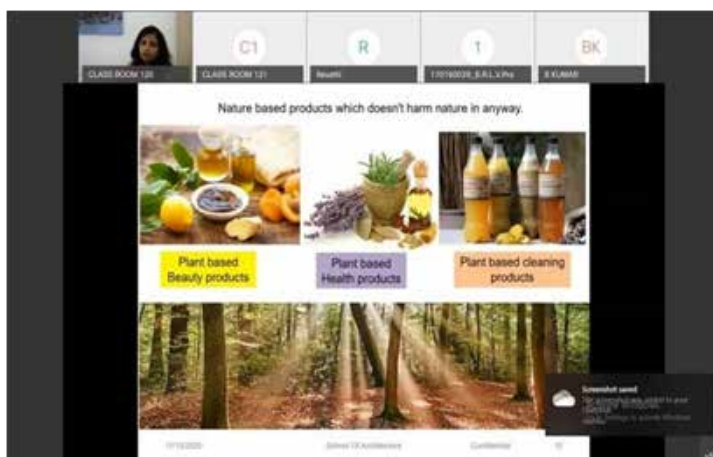
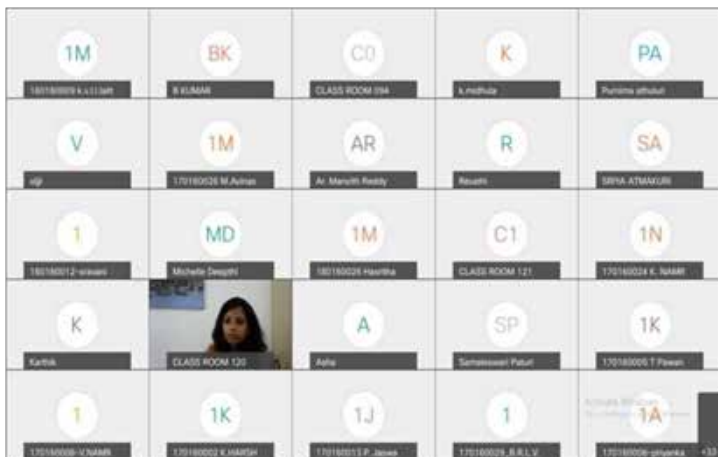
KLEF Institute of Architecture
BIO ENZYMES
 PREPARATION AND USES
 Webinar on 13 November 2020
 Hosted by
Ar. D. Lakshmi Durga Yamini
 Associate Professor
 422, 5th Floor
 School of Architecture, KLEF
 Contact Details:
 Mail ID: varunv@klu.ac.in
yamini.d@klu.ac.in
 WhatsApp: 9329022344
 Registrations Link: http://bit.ly/bioenzymes_kleef
 Webinar Link: http://bit.ly/bioenzymes_kleef
 # Sustainable Living #

The webinar initiated by the KLU School of Architecture and Centre for Extension Activities, KLEF, was conducted successfully with 85 participants. Participants include students from KLU as well as participants from other institutions and organizations. The webinar started at 3:15 pm with introduction about Ar. D. Yamini by Ar. Varun V, Asst. Professor, KLUSA and a formal introduction to the topic of the webinar by Ar. Yogesh J Parekh, following which, it was requested of Ar. D. Yamini to give her welcome note.

Mrs. Ar. D. Yamini, Environmentalist, Assistant Professor, KLUSA, moderated the event while, Ar. Varun, Assistant Professor, KLUSA, coordinated with the participants for the smooth conduction of the Event.

Ar. D. Yamini gave her presentation providing insights on the importance of Bio Enzymes in the present Pollution ridden world and how important is to cut down chemicals in our day to day life. Ar. D. Yamini, also gave a demo of the enzyme making process where she had implemented the process using ingredients. She discussed about best practices to be followed for Sustainable Living. As the time was Limit, she had to conclude the session though she had a lot to offer. But she was able to spare extra time with the participants answering all their queries till 04:30 pm. After this, the webinar concluded with a vote of thanks from Ar. Varun V.

No. of students participated: 245 No. of Faculty participated: 04



CONSTITUTION DAY

With reference to the AICTE Letter No. H. 11011/02/2016-CDN (Pt) dated 18/11/2020, CEA in collaboration with the KLEF College of Law has organized a National Webinar on “The Constitutional Law- the Contemporary Values and Principles” on the eve of Constitution Day 26th Nov, 2020.

On this auspicious occasion, the keynote Address has been delivered by, Prof. Dr.

N. Rangaiah, Principal KLEF College of Law @ 09:45 A.M on “The Constitutional Supremacy”, followed by the lecture on “The Constitution of India” by Dr. Kamasai SVM, Associate Professor, College of Law-KLEF.

Prof. Dr. N. Rangaiah, Principal KLEF College of Law in his keynote address highlighted the salient features of the Indian Constitution and vividly presented the significant events leading to the adoption of the present Indian Constitution by the Constituent Assembly.

Dr. Kamasai SVM, Associate Professor, KL College of Law, addressing the gathering on the occasion has briefed about the laudable goals of the Constitution and stressed on the responsibility of all to protect the Constitutional values and sanctity of the Constitutional Institutions.

Thereafter, all the staff members and the students of the Law Department and Center for Extension Activities-KLEF have

participated in the programme of reading of Preamble of the Constitution of India by Hon'ble Prime Minister of India.

The Programme was concluded by the vote of thanks proposed by Ms. Pravalika student of CEA KLEF.

The above Virtual event has been conducted in the following WebEx link

Webinar Link: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m49c481a9c121eac2f4258979439ccf28>

The programme of the Hon'ble Prime Minister reading the Preamble at 11 AM, was watched on 26/11/2020 through the following link:

<https://www.youtube.com/watch?v=GKEC1hFu09c>

No. of students participated: 220

No. of Faculty participated: 36



NATIONAL ENERGY CONSERVATION WEEK

In view of National Energy Conservation week from 14th December 2020 to 21st December 2020, Department of Electrical and Electronics Engineering organizing following events to emphasize the importance of Energy Conservation and Energy saves opportunities in various utilities.

DAY 1:

The Resource Person

Mr BLN SIVA PRAKASH has delivered a lecture on Design Standards of POWER DISTRIBUTION PRODUCTS for Energy conservation on 14th December 2020 at 10 am. The covered topics were Various Electric components and equipment specifications and maintenance like Circuit breakers and Relays etc, The Questionary session is productive.

DAY 2:

The theme of IOT Based Energy Conservation Opportunities is delivered by Dr KV Eswara Moorthy, given the insights of basic architecture of IOT and the features and possible applications of IOT in energy saving. The projects related to IOT in IIIT DM is share by the resource person.

DAY3:

Oh this the participants were given the over view of Electrical Billing concepts by Mr R B R Prakash , categories and various ways of conserving electricity while using the typical domestic equipment's like Refrigerator , bulbs, and air conditioners. Participants were very enlightened to know the technical details and various govt schemes of establishing renewable resources like solar and wind.

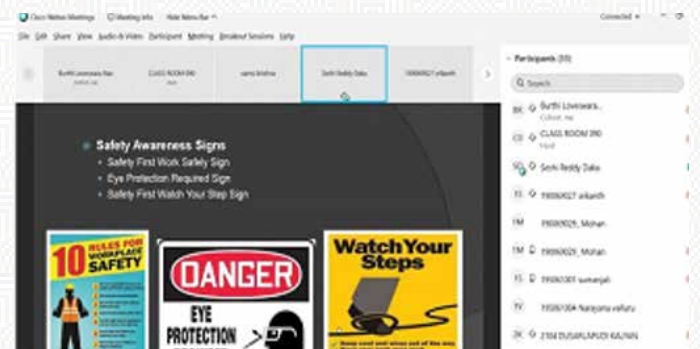
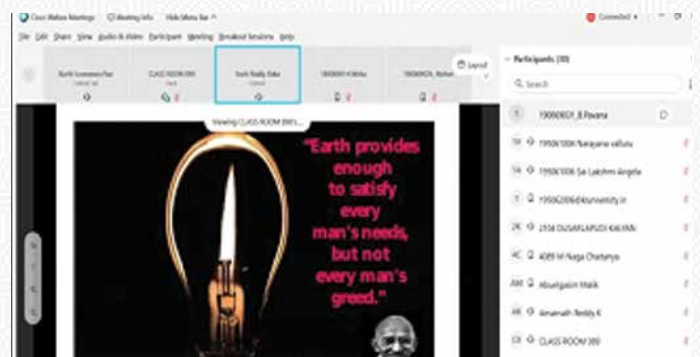
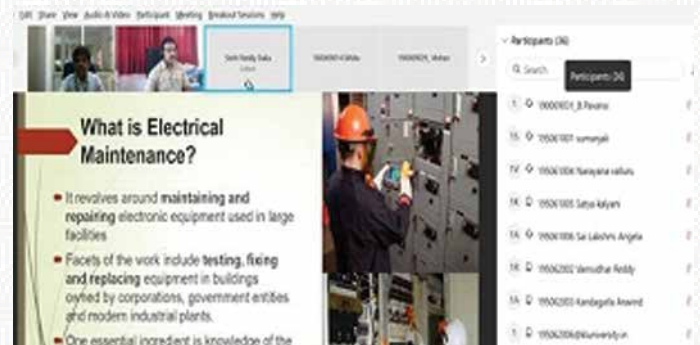
DAY 4:

As per the Schedule today the resource person Mr D Seshi Reddy converted the virtual tour on KLEF campus solar and wind grids. The system architecture and components detail description is explained. Participants were shown the wind turbines setup and solar grids and control room monitoring using software.

No. of Students participated: 58

No. of Faculty participated: 14

The events are conducted as per the schedule, the targeted audience covered the events are II, III and IV B.Tech-EEE students, M.Tech and Research Scholars of the department. Total 76 participations provided their valuable participation and feedback.



HEALTH CHECK-UP CAMP

Date: 22/12/2020 Venue: KLEF

Description of the Event:

we team CEA conducted Health Check-Up camp at Indoor Stadium of KLEF campus in association with ABELIA HEALTH CARE where doctors had the following checkup i.e., Diabetes checkup, Blood Pressure checkup, Liquid profile tests- Cholesterol, Triglycerides(TG), High Density Lipids(HDL) and Low Density Lipids(LDH).

Benefits:

1. Detect potentially life-threatening health conditions or diseases early.
 2. Increase chances for treatment and cure.
 3. Limit risk of complications by closely monitoring existing conditions.
 4. Increase lifespan and improve health.
- No. of Students Participated: 20
No. of Faculty Participated: 12



KISAN DIWAS (NATIONAL FARMERS DAY)

On Behalf of farmers day we team CEA conducted Kisan Diwas to provide clear information regarding organic farming.

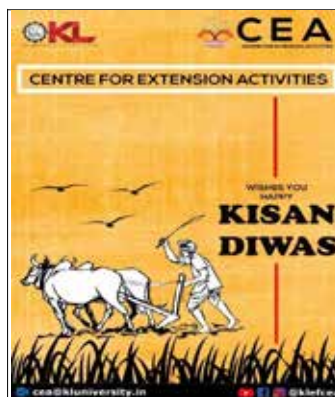
Firstly, we interacted with the farmers and then we explained the importance of the use of organic pesticides.

Benefits:

1. Awareness regarding organic farming.
2. Interactive session helped in understanding the problems of farmers in an effective way.

No. of students participated: 30

No. of Faculty participated: 02



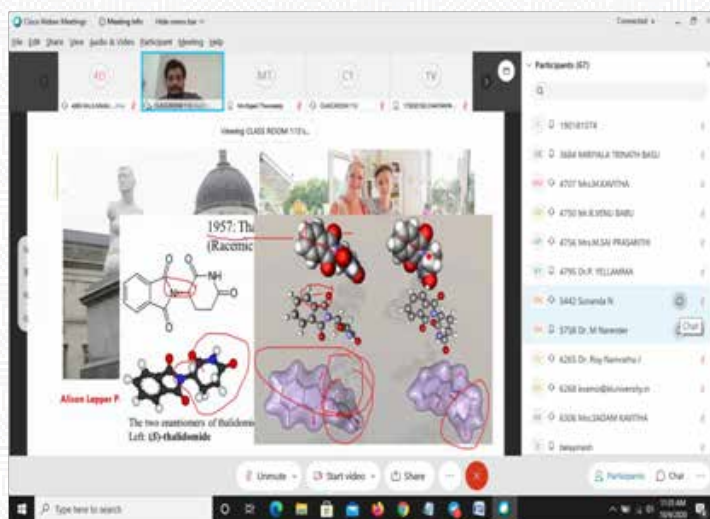
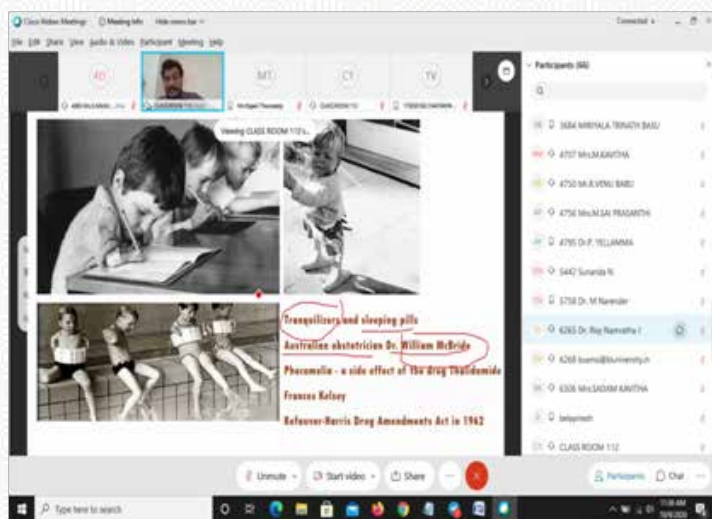
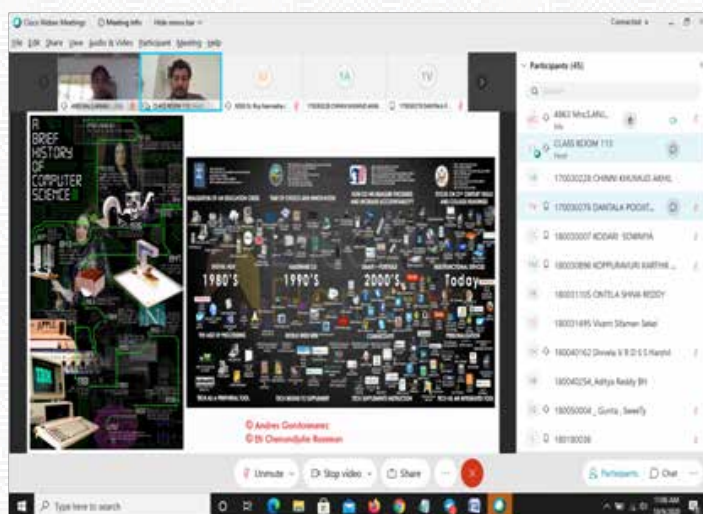
SH 288, Andhra Pradesh 522016, India
Latitude: 16.4981393° Longitude: 80.3885772°
Local 07:36:17 AM Altitude: 37 meters
GMT: 02:06:17 AM Thursday, 24-12-2020

USE OF COMPUTERS TO SPEED UP DRUG DISCOVERY

YRC Unit-1 of Dept. of CSE & ECSE of K L E F Has Conducted "Use of Computers to speed up Drug Discovery" on 09th Oct 2020 in K L E F. As a part of this, YRC Volunteers and YRC Program Officer, Anjali Devi Swarna from department of CSE and Prof In charge Dr P Yellamma are involved. The main objective of this programme is to give an awareness of use of computers in drug discovery process. The session was given by Dr Rajasekhar Reddy A, Asst. Professor, College of Pharmacy, KLEF. The faculty of KLEF and students were actively participated for the event. The speaker elaborated each and every step in the process with presentation. He has cleared all the doubts raised by participants very patiently. YRC student volunteers given publicity about the Event.

No. of students participated: 167

No. of Faculty participated: 12



WORLD MENTAL HEALTH DAY

(Online Quiz Competition)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering Youth Red Cross (YRC) Volunteers participated "World Mental Health Day Quiz" an online Quiz competition on 10th October 2020. KLEF All department YRC Volunteers active participate in this event, Organized by YRC Unit-2, Department of ECE.

When we see someone with physical pain, we look after them and help them. Mental health is just as important and completely unseen. Fighting with your own mind every day is not the solution. Do not give up, Stay stable and try hard to overcome. Happiness can be found even in the darkest of times, if one only remembers to turn on the light.

As part of World Mental Health Day, online quiz competition is conducted for the awareness of Mental Health. Quiz Link with 25 questions for 25 marks is opened at 11.00am and closed at 5:00pm on 10th October 2020. Total 118 students from various departments have participated in the quiz competition.

No. of students participated: 118

No. of Faculty participated: 03



NATIONAL VOLUNTARY BLOOD DONATION DAY

KL Deemed to be University, Koneru Lakshmaiah Education Foundation, Engineering & Non-Engineering Youth Red Cross (YRC) Volunteers organized an interactive webinar on "NATIONAL VOLUNTARY BLOOD DONATION DAY CELEBRATION" on 31st October from 4pm to 5pm with Dr. SHISHIRENDU GHSHAL, BDS and Master of Public health from ICMR-RMRC Bhubaneswar. Organized by YRC Unit-2, Department of ECE.

Voluntary blood donation is undoubtedly, the highest form of humanitarian service as it is done without expectation of even knowing who it will help. Everyone is not eligible to donate blood, but, to those who are eligible, it's our humble request to donate blood whenever possible. Donate blood & be the HERO for the service of mankind.

This webinar is conducted for the awareness of blood donation and its importance and to inspire the people to donate blood voluntarily.

Date of Event : 31.10.2020

Title of Event : webinar on "Art of Mastery in Work" on eve of "NATIONAL

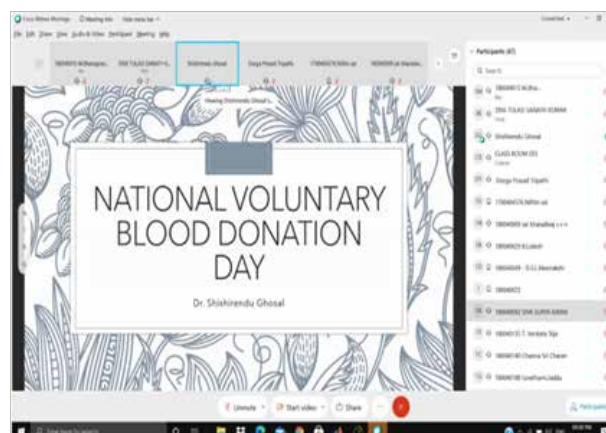
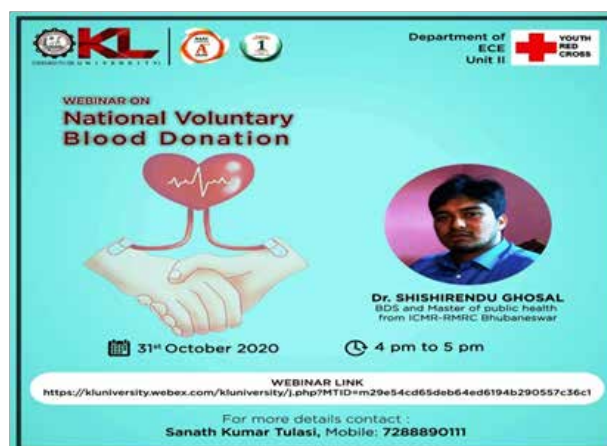
VOLUNTARY BLOOD DONATION DAY CELEBRATION"

Resource Person : Dr. SHISHIRENDU GHSHAL,
BDS and Master of Public
Health from ICMR-RMRC
Bhubaneswar

Web Link: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m29e54cd65deb64ed6194b290557c36c1>


No. of students participated: 104

No. of Faculty participated: 02



Why this day?

- We celebrate this day to remember the contribution of Dr. Jai Gopal Jolly on his birthday.
- Known as the 'Father of Transfusion Medicine in India'
- Dr. Jolly was the founder of Blood bank society, Chandigarh.
- He has introduced strategies for safe blood transfusion for the World Health Organization.




Dr J G Jolly
DOB: 1 Oct, 1920

Scarcity vs Wastage

- Shelf-life is 30-45 days which means excess of blood needs to be soon sent to all needy areas.
- In 2016, while 16 states and UTs faced a shortage of blood supply, 18 had an excess of it.
- Generally, Maharashtra, Punjab and Kerala are the best performers in blood donation, with each state having an excess of blood supply of more than 35%.
- States like Sikkim, who initially faced a shortfall, had increased availability by 22%, leading to a surplus of 4%.

Agglutination cont.

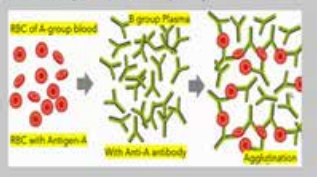


The antibodies present together with the antigens are found as follows:

	Group A	Group B	Group AB	Group O
Red blood cell type	A	B	AB	O
Antibodies in plasma	Anti-B	Anti-A	None	Anti-A and Anti-B
Antigens on red blood cell	A antigen	B antigen	A and B antigens	None

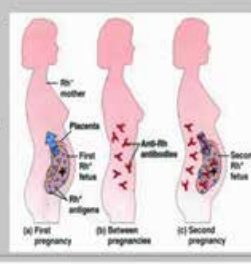
- Antigen A with antibody B
- Antigen B with antibody A
- Antigen AB has no antibodies
- Antigen O (Group O) with antibody A and B.

If a unit of incompatible blood is transfused between a donor and recipient, a severe acute hemolytic reaction with hemolysis (RBC destruction), kidney failure and shock is likely to occur, and death is a possibility.

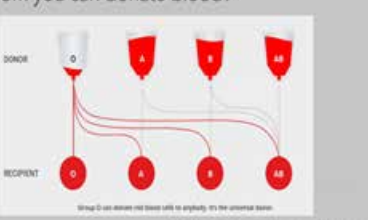


Rh factor cont.

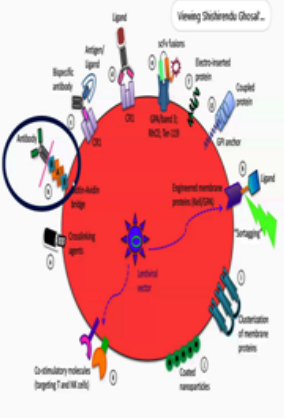
Feto-maternal transfusion of blood from a fetus in pregnancy: Hemolytic disease of a newborn (HDN): RhoGAM injection



Whom you can donate blood?



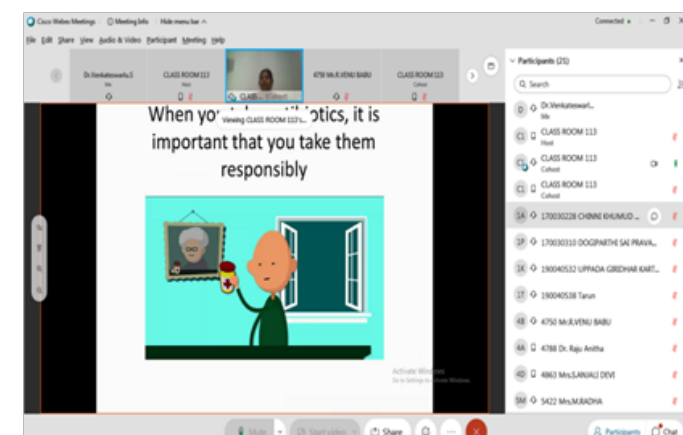
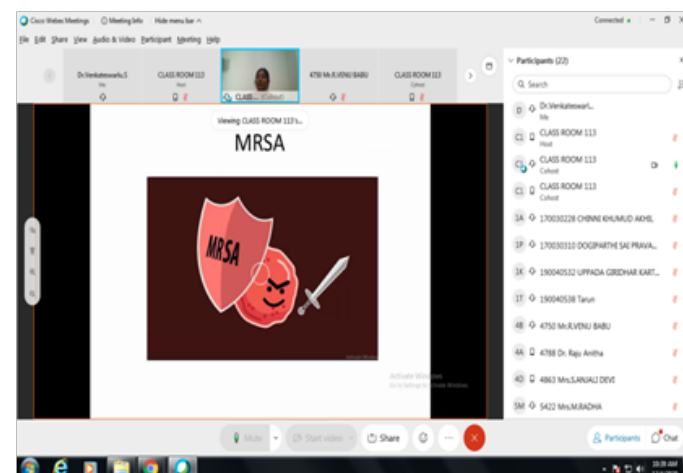
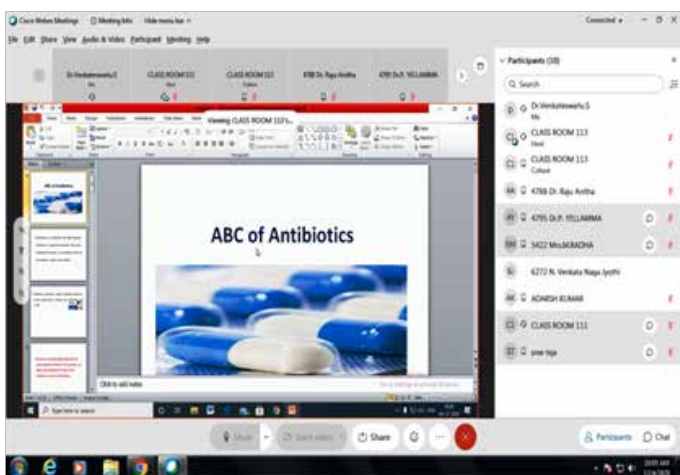
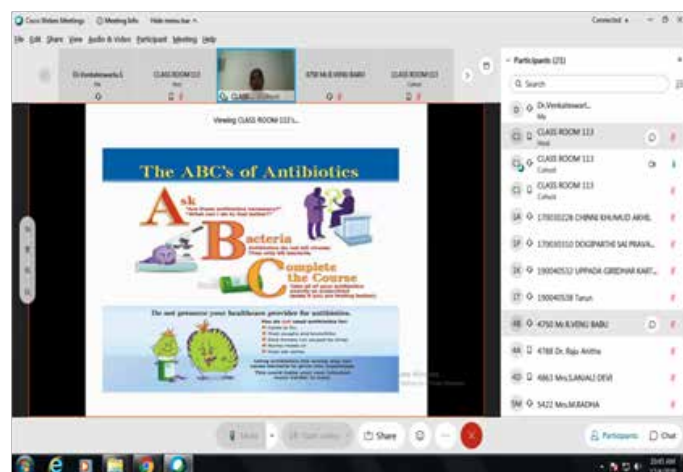
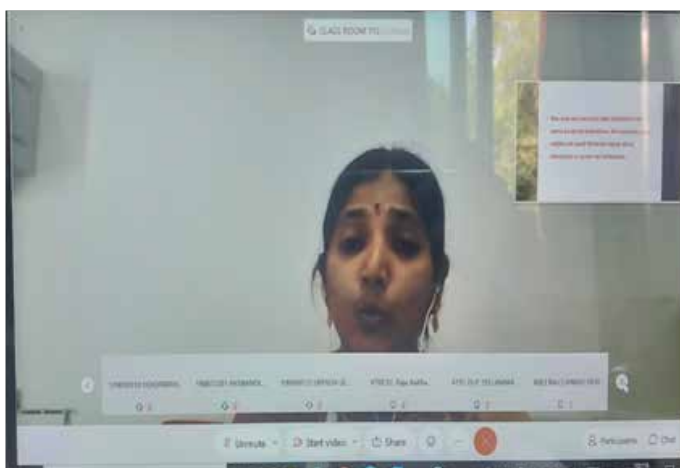
Antigens and Antibodies on RBC cell membrane



ABC ON ANTIBIOTIC

YRC Unit-5 of Dept of Pharmacy of K L E F Has Conducted a webinar of awareness programme "ABC ON ANTIBIOTIC" on 04th DEC 2020 (on account of Worlds Antibiotic Awareness Week). The programme was formally inaugurated by Mrs. Tata Prasanna Kumari, Assistant Professor, College of Pharmacy. The Resource person Dr. P. Rajeshwari, Associate Professor took over the session and delivered the basic concepts of Antibiotics, the best usage, side effects and cautions. The speaker has emphasized not to pressurize the Physician to prescribe an antibiotic for the facts of taking antibiotics in the treatment of viral infections have been elaborately discussed. The speaker created awareness to fight the antibiotic resistance and provided some tips for the same. The programme was ended by interaction with the participants in the form of questionnaire. It is a great opportunity to be a reason to create awareness regarding the usage of Antibiotics.

No. of students participated: 244
No. of Faculty participated: 04



ANTI DISCRIMINATION AWARENESS PROGRAMME

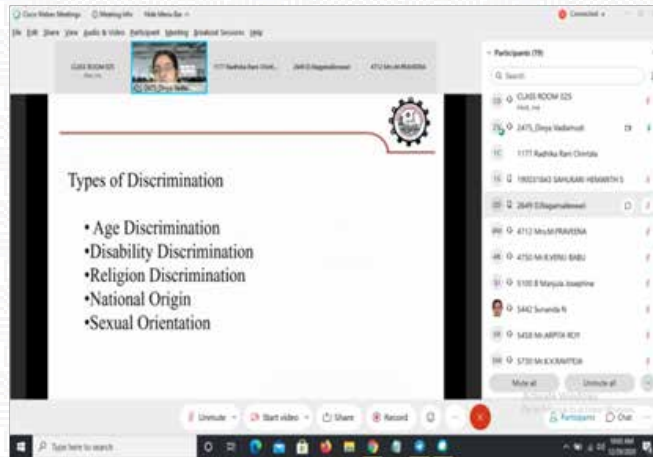
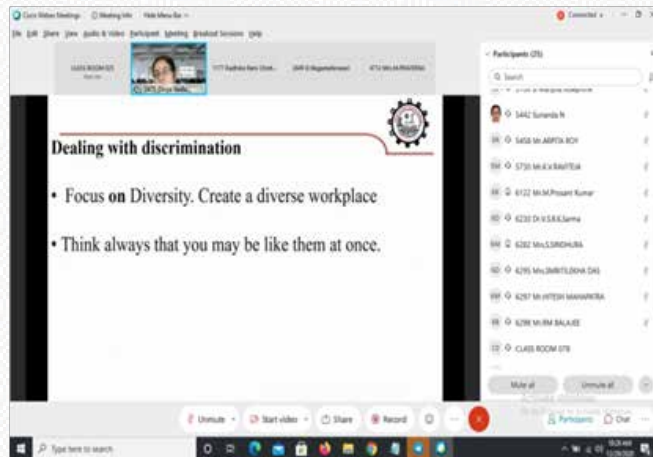
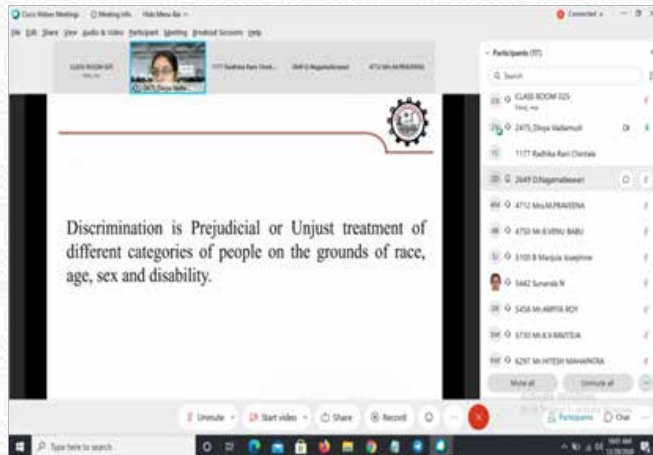
Date: 29/12/2020 Place: K L E F

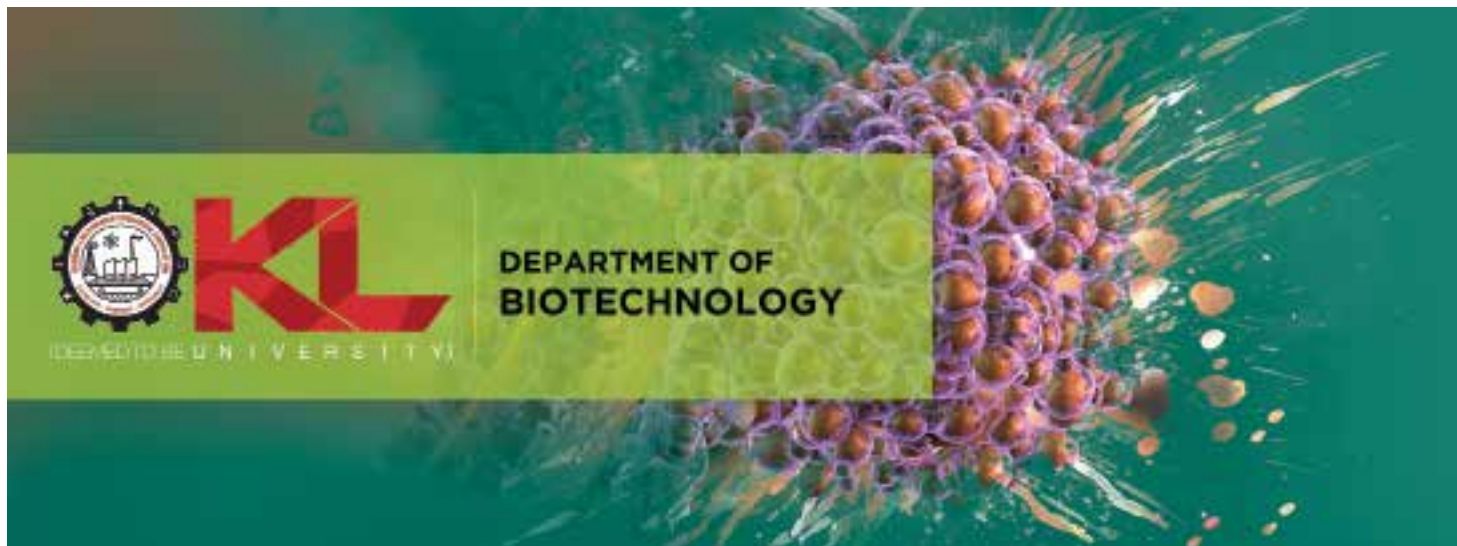
YRC Unit-1 of Dept of CSE & ECSE of K L E F Has Conducted "Anti Discrimination Awareness Program" on 29th Dec 2020 in K L E F. As a part of this, YRC Volunteers and YRC Program Officer, Anjali Devi Swarna from department of CSE and Prof In charge Dr P Yellamma are involved. The main objective of this programme is to give awareness on Anti Discrimination.

The session was given by Mrs V Divya Assistant Professor from CSE Department and actively participated in the event. The speaker elaborated each and every point and clearly explained the problems which the girls faced in real life. The faculty of KLEF and students were participated in this event. The speaker has cleared all the doubts raised by participants very patiently. YRC student volunteers given publicity about the Event.

The total number of Faculty for this event: 27

The total number of Students for this event: 20





RESEARCH PUBLICATIONS

- Suresh, L., Bondili, J.S., Brahman, P.K. ,Development of proof of concept for prostate cancer detection: an electrochemical immunosensor based on fullerene-C60 and copper nanoparticles composite film as diagnostic tool,Materials Today Chemistry
- Veeramachaneni, G.K., Thunuguntla, V.B.S.C., Bobbillapati, J., Bondili, J.S. ,Structural and simulation analysis of hotspot residues interactions of SARS-CoV 2 with human ACE2 receptor,Journal of Biomolecular Structure and Dynamics
- Karnik KS, Sarkate AP, Lokwani DK, Narula IS, Burra PVLS, Wakte PS. ,Development of triple mutant T790M/ C797S allosteric EGFR inhibitors: a computational approach,Journal of Biomolecular Structure and Dynamics
- Sarada Prasanna Mallick, Zerihun Beyene, Dheerendra Kumar Suman, Abhimanyu Madhual,Bhisham Narayan Singh, Pradeep Srivastava* ,Strategies towards Orthopaedic Tissue Engineered Graft Generation: Current Scenario and Application,Biotechnology and Bioprocess Engineering
- Zerihun Beyene, Rupita Ghosh ,Effect of zinc oxide addition on antimicrobial and antibiofilm activity of hydroxyapatite: a potential nanocomposite for biomedical applications,Materials Today Communications
- Koteswara Reddy G,Yarrakula Kiran ,Geo-Chemical Exploration of Granite Mining Waste Using XRD, SEM/ EDX and AAS Analysis,Iranian Journal of Chemistry and Chemical Engineering
- Koteswara Reddy G,Yarrakula Kiran ,Reducing Agents Enhanced Electrokinetic Soil Remediation (EKSR) for Heavy Metal Contaminated Soil,Iranian Journal of Chemistry and Chemical Engineering
- Koteswara Reddy G,Yarrakula Kiran ,A Theoretical Mechanism in the Degradation of Polyolefin Plastic Waste using Phytochemical Oxidation Process,Journal of Solid Waste Technology and Management
- Sri Lakshmi Ramya Krishna Kanamarlapudi And Sudhamani Muddada. ,Structural Changes of Bacillus subtilis Biomass on Biosorption of Iron (II) from Aqueous Solutions: Isotherm and Kinetic Studies. ,Polish Journal of Microbiology.
- Sobitha Surepalli, Chandrasekhar Chanda ,Dopaminergic dysfunction in neuropsychiatric disorders.,Neuropsychiatry i Neuropsychologia
- MA Ammulu, K Tammina, B Bonigala, PK Vemuri, S Podha, SR Ronda ,Fabricating multifunctional nanoparticles bonded to enzymatically oxidized fabrics for their various applications,Indian Journal of Fibre & Textile Research
- PK Vemuri, L Dronavalli, P Nayakudugari, A Kunta, R Challagulla ,Phytochemical Analysis and Biochemical Characterization of Terminalia Chebula Extracts For its Medicinal use,Biomedical and Pharmacology Journal
- TMG Praveen Kumar Vemuri ,Effect of Plasmid Presence and Stability on Growth of Escherichia coli DH5 with Use of Drugs, Chemicals, and Radiation,Asian Journal of Pharmaceutics
- PK Vemuri, DSV Yarlagadda, J Tatineni ,Characterization of Sesamum indicum proteins and its immunogenic activity,Drug Invention Today
- Rajasekhar Pinnamaneni, Pravallika Tanneru, Navya Vaddavalli, Jahnvi Tatineni and Reddy Tharani ,In silico Drug interaction studies on HIV Integrase,Journal of Biochemical Technology,

PATENTS/TECHNOLOGY TRANSFER:

Dr. Praveen Kumar Vemuri-Name: Investigation of IOT based Life care Autonomus system, Date of Published: 4/12/2020

RESEARCH PATENTS APPLIED.

1. Design and Development a statistical scoring system against a library of Multi-Epitope based Peptide (MEBP) vaccine constructs to identify best vaccine candidates, By Dr. Burra Prasad, 20 Lakhs-NSM Scheme
2. Developing advanced live-therapeutics against metabolic and neurological disorders targeting aging, by Dr. Suresh Chnadra Phulara, 23 Lakhs, AICTE RPS Scheme

STUDENT ACHIEVEMENTS

- 0 M.Sai Priya (190010085) selected for Republic day parade and representing two Telugu states.



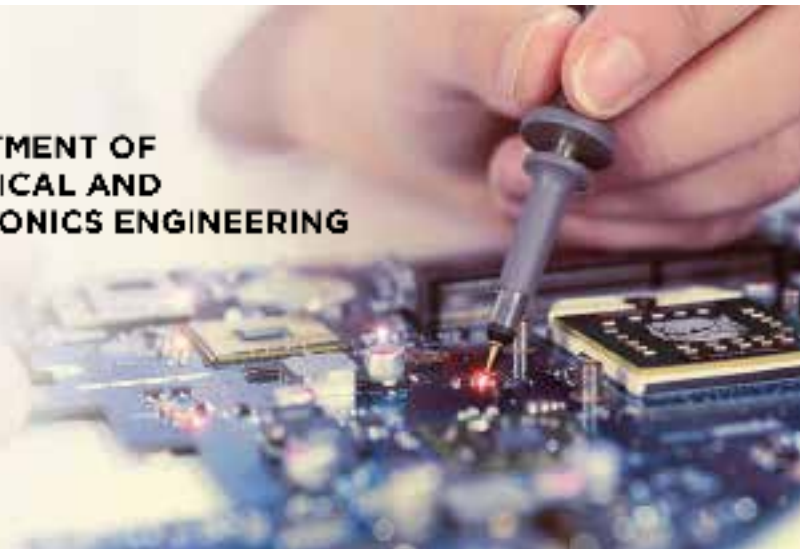
M.Sai Priya (190010085)

selected for Republic day parade





**DEPARTMENT OF
ELECTRICAL AND
ELECTRONICS ENGINEERING**



RESEARCH PUBLICATIONS

- 1.D Ravi Kishore, G Chandra Sekhar, R B R Prakash and T Vijay Muni, 2020, A Novel Power Management Scheme for Distributed Generators in a DC Microgrid IOP: Conference Series, Mater. Sci. Eng. 993 012083.
- 2.R B R Prakash, Madhusudana rao Ranga, A Pandian and P Srinivasa Varma, 2020, Induction Machine Stator winding Failure Detection Using Motor Current Signature Analysis, Mater. Sci. Eng. 993, 012084.
- 3.N. Keerthi, A. Pandian and R. Dhanasekaran, 2020, A Comprehensive Study on Shunt Active Power Filters for Grid – Tied wind systems, Mater. Sci. Eng. 993, 012085.
- 4.B. Jyothi, P. Bhavana, K. Sarada and M. Srikanth, 2020, Analysis of Z-Source Inverter fed Asynchronous Motor for Electric Vehicle Applications, Mater. Sci. Eng. 993 012087
- 5.M. S. Teja, Ravula Shashi Kumar Reddy, AVV Sudhakar and K. Srinivas, 2020, An Integration of dual UPQC controller for power quality compensation by extending its voltage regulation at grid side as a STATCOM, Mater. Sci. Eng. 981 042074

ACHIEVEMENTS BY STUDENTS

- 1.Dr. A Pandian received Best Teacher Award from Knowledge Society for Research Innovation on 05-09-2020.
- 2.Dr. A Pandian received National Eminent Researcher from IZOR on 22-09-2020.
- 3.Mr. T Vijay Muni received Eminent Editor Award 2020 from IZOR on 22-09-2020
- 4.Dr. A Pandian received Certificate of Excellence from Indian Book of Records on 26-11-2020.
- 5.Mr. G G Rajasekhar, received Life time Achievement Award for his outstanding Scholastic Performance from AECT Awards 2020 on 31-10-2020.



- 6.EEE student Ms CH Aparna Y-17 batch B. Tech scored 327 out 340 in GRE exam. She is trained by KL Academy of Competitive Exam.

S.No	Name of the faculty	Name of the Journal	National / International	Editorial Board Member / Reviewer
1	Dr.B.Loveswara Rao	SMSAMS PUBLICATIONS- International Journal of Advanced Research in Electrical Engineering and its Applications online-IJOAREEE	International	Editor
2	Dr.B.Jyothi	International Transactions on Electrical Energy Systems	International	Reviewer

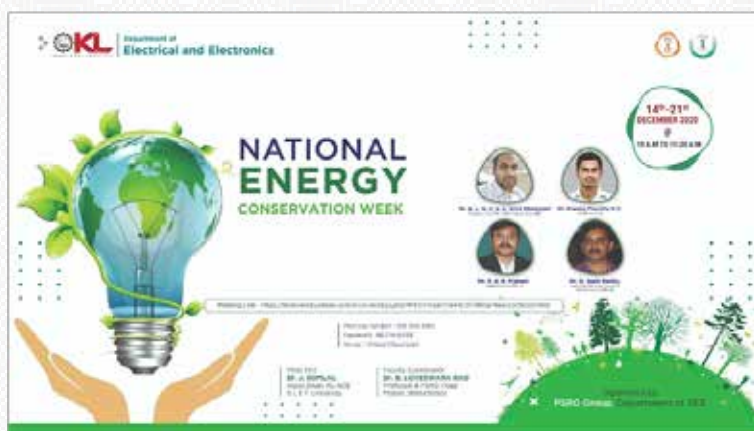
FACULTY ACTED AS RESOURCE PERSONS

S.No	Name of the faculty	Name of the Conference/ Workshops/ Seminars/Webinar/FDP/ASC	Details of the University/institute organising program	Duration
1	Dr. S V N L Lalitha	"Changing Role of Working Women in the Post Covid Era"	Intersociety Weekly Webinar Series - Program #35	16-12-2020
2	Mr. D. KALYAN	A two day national level online workshop on Automation using Thinker CAD-A hnds on Approach	Amalapuram institute of Management sciences and College of Engineering	14-15/8/2020

EVENTS CONDUCTED BY DEPARTMENT

1.Department of EEE, conducted the following National Energy Conservation week from 14th December 2020 to 21st December 2020, to emphasize the importance of Energy Conservation and Energy saving opportunities in various utilities.

Date	Event
14-12-2020	Guest Lecture on Design Standards Of Power Distribution Products For Better Energy Conservation Mr. B.L.N.V.S.K.SIVA PRAKASH, Project Engineer-ELDS, ABB India Ltd., Bangalore (ALUMNI, 2010-14 Batch)
15-12-2020 (Tuesday)	Webinar on IoT Based Energy Conservation Opportunities Dr. Eswara Moorthy K.V. Department of Electronics and Communication Engineering, IIITDM Kurnool
18-12-2020 (Friday)	Orientation Session on: 1.Energy bill saving tips for domestic consumers by Mr. R B R Prakash, EEE, KLEF 2.Preventive maintenance for domestic appliances to conserve the energy 3.Renewable sizing for rooftop solar application by Mr. D Seshi Reddy, Associate Dean- Electrical wing, EEE, KLEF
19-12-2020 (Saturday)	Virtual Industrial Visit to Solar and Wind Power Plants installed in KLEF campus.



POWER ELECTRONICS RESEARCH GROUP,
DEPARTMENT OF EEE ORGANIZED VIRTUAL
WEBINAR ON BLOCK CHAIN BEYOND
THE HYPE: REAL USE CASES
(ENERGY PERSPECTIVE) ON
7TH JANUARY 2021



PHOTOS OF EXTENSION ACTIVITIES

The students we talented and
fearlessly presented the ideas they got.



Poster Presentation

By V.Sravani & Y.Bhavana sumithra

PLANTATION ACTIVITY



ELOCUTION ACTIVITY





FACULTY ACHIEVEMENTS

01. Dr. Debnath Bhattacharyya Professor CSE delivered a lecture on Unsupervised Learning in Data Mining in Chitkara University and ACM India on 29/12/2020
02. Dr. Hiteshwar Kumar Azad, Assoc. Professor, CSE received Best Researcher Award by NESIN 2020 Awards, ScienceFather on 03/11/2020
03. Dr. M.R. Narasingarao Professor, CSE received Award of Research Excellence by Novel Research Academy on 16/11/2020
04. Dr. N. Raghavendra Sai Assoc. Professor, CSE received Best Researcher Award by IJEMR - Elsevier SSRN Research Awards 2020 on 20/12/2020

RESEARCH PUBLICATIONS:

- Kollu Spurthi and T.N. SHANKAR published a paper entitled "An Efficient Cluster-Based Approach to Thwart Wormhole Attack in Adhoc Networks" in International Journal of Advanced Computer Science and Applications– Scopus and ESCI Indexed ISSN: 2156-5570
- Kollu Spurthi, T.N. Shankar published a paper entitled "An Effective Approach to Avert Wormhole Attack In AODV" in International Journal of Advanced Trends in Computer Science and Engineering– Scopus Indexed ISSN: 2278-3091
- Ganga Rama Koteswara Rao , P.Vidya Sagar published a paper entitled "Malicious PDF File Detection Using Deep Learning" in International Journal Solid State Technology– Scopus Indexed ISSN: 0038-111X
- Dr. Deepak sahu, Dr. Chayan paul, Dr. Praveen tumurulu published a paper entitled "Top approaches to abstractive text summarization: A survey" in International Journal of Emerging Trends in Engineering Research– Scopus Indexed ISSN: 2347 - 3983
- Dr. G Rama Koteswara Rao , Prasad Chitturi, Vidya Sagar P, Bhaskar Emani published a paper entitled "Achieving the Stable State MSE and fast convergence rate in Modern Digital Communication by using NVSS LMS Algorithm" in International Journal Solid State Technology– Scopus Indexed ISSN: 0038-111X
- P.Venkateswra rao published a paper entitled "Software metric and fault prediction using hybrid fisher filter-annigma framework" in International Journal of Emerging Trends in Engineering Research– Scopus Indexed ISSN: 2347-3983
- P.Venkateswra rao published a paper entitled "Enhanced data security through deep data classification in the cloud computing" in International Journal of Emerging Trends in Engineering Research– Scopus Indexed ISSN: 2347-3983
- V Rama Krishna, T Subhamastan Rao, G V S Narayana, Venubabu Rachapudi published a paper entitled "A Model for Stock Price Predictions Using Deep Learning Techniques" in International Journal of Advanced Trends in Computer Science and Engineering– Scopus Indexed ISSN: 2278-3091
- Siva Kumar Jonnavithula, Abhilash Kumar Jha¹, Modepalli Kavitha, and Singaraju Srinivasulu published a paper entitled "Role of machine learning algorithms over heart diseases prediction" in AIP Conference Proceedings– Scopus Indexed
- Mohan Mahanty, Debnath Bhattacharyya, Divya Midhunchakkaravarthy, Tai-hoon Kim published a paper entitled "Detection of Colorectal Cancer by Deep Learning:

- An Extensive Review” in International Journal of Current Research and Review – Scopus Indexed ISSN: 2231-2196
- Dr G Pradeepini published a paper entitled “DEADLINE AWARE OPTIMIZATION IN RESOURCE ALLOCATION FOR REDUCING MIGRATION COST” in Advances in Mathematics: Scientific Journal – Scopus Indexed ISSN: 1857-8365
 - Dorababu Sudarsa published a paper entitled “Enhanced Automatic Classification of Brain Tumours with FCM and Convolution Neural Network” in IEEE Xplore, Conference– Scopus Indexed ISSN: 978-1-7281-5821-1
 - P. C. Srinivasa Rao, A. J. Sravan Kumar, Quamar Niyaz, Paheding Sidike, Vijay K Devabhaktuni published a paper entitled “Binary Chemical Reaction Optimization based Feature Selection Techniques for Machine Learning Classification Problems” in Expert Systems With Applications – SCI Indexed ISSN: 0957-4174
 - Shashank Bompally, Gadiparthi Sasi Kumar, Naragani Siva Kumar, Nimmala Harshavardhan Reddy, Dr. Dhawaleswar Rao CH published a paper entitled “A Survey on Extractive and Abstractive Text Summarization” in Solid State Technology– Scopus Indexed ISSN: 0038-111X
 - Kushwanth Kapa, Praveen Kolla, Sai Teja Maturi, Sunkari Sujith Kumar, Dr. Dhawaleswar Rao CH published a paper entitled “A Survey on Extrinsic and Intrinsic Plagiarism Detection Systems” in Solid State Technology– Scopus Indexed ISSN: 0038-111X
 - Durga Bhavani Dasari, Gayathri Edamadaka ▪ Ch. Smitha Chowdary ▪ M. Sobhana published a paper entitled “Anomaly based network intrusion detection with ensemble classifiers and meta heuristic scale (ECMHS) in traffic flows” in Journal of Ambient Intelligence and Humanized Computing– SCI Indexed ISSN: 1868-5137
 - S SINDHURA, DR CHANURADHA published a paper entitled “RESOURCE ALLOCATION BASED ON PREDICTIVE LOAD BALANCING APPROACH IN MULTI CLOUD ENVIRONMENT” in IJEMR – Scopus Indexed ISSN: 2456 – 5083
 - Deepak. V; S. John Justin Thangaraj; M. Rajesh Khanna published a paper entitled “An Improved Early Detection Method of Autism Spectrum Anarchy using Euclidean Method” in International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) – Scopus Indexed ISSN: 978-1-7281-5464-0
 - Mr.CH.M.H.SAIBABA, Dr.S.Hrushikesava Raju, M. V. B. T. Santhi, S.Dorababu, Er. Saiyed Faiyaz published a paper entitled “International Currency Translator using IoT for shopping” in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
 - Dr.Praveen Tumuluru , Dr.S.Hrushikesava Raju , CH.M.H. Sai Baba , S.Dorababu and B.Venkateswarlu published a paper entitled “ECO Friendly Mask Guide for Corona Prevention” in IOP Conf. Series: Materials Science and Engineering – Scopus Indexed ISSN: 1757-899X
 - K Subrahmanyam and Sachin Arun Thanekar published a paper entitled “Effective Job Execution in Hadoop Over Authorized Deduplicated Data” in Webology – Scopus Indexed ISSN: 1735188X
 - P.Vidya Sagar, T. Pavan Kumar, G. Krishna Chaitanya, Moparthi Nageswara Rao published a paper entitled “International Journal of Advanced Computer Science and Applications” in IJEMR – Scopus Indexed ISSN: 2156-5570
 - Dr. S. Hrushikesava Raju, Dr.Lakshmi Ramani Burra, Dr. Ashok Koujalagi and Saiyed Faiyaz Waris published a paper entitled “Tourism Enhancer App: User-Friendliness of a Map with Relevant Features” in IOP Conference Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
 - P N R L Chandrashekar and T N Shankar published a paper entitled “Object based Image Splicing Localization using Block Artificial Grids” in (IJACSA) International Journal of Advanced Computer Science and Applications– Scopus Indexed ISSN: 2156-5570
 - Modepalli Kavitha, Dr.S.Hrushikesava Raju, SaiyedFaiyaz Waris, Dr.Ashok Koujalagi published a paper entitled “Smart Gas Monitoring System for Home and Industries” in IOP Conference Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
 - Sunanda N, S. Hrushikesava Raju, Saiyed Faiyaz Waris, Ashok Koujalagi published a paper entitled “Smart Instant Charging of Power Banks” in IOP Conference Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
 - A.Abdul Rahman, Justus Selwyn published a paper entitled “Towards Design of Life Cycle Model for Knowledge Management Systems: Process Perceptive” in Solid State Technology – Scopus Indexed ISSN: 0038-111x
 - A.Abdul Rahman, Justus Selwyn published a paper entitled “Towards Design of Life Cycle Model for Knowledge Management Systems: Process Perceptive” in Solid State Technology – Scopus Indexed ISSN: 0038-111x

- Kollu Spurthi and T.N. SHANKAR published a paper entitled "A Framework Enduring Authentication and Collision Avoidance in AODV Routing Protocol" IJCSNS International Journal of Computer Science and Network Security – Scopus Indexed ISSN: 1738-7906
- K Abdul Basith and T N Shankar published a paper entitled "Security using ECC Based on Fuzzy Clustering in Wireless Sensor Networks" IJCSNS International Journal of Computer Science and Network Security – Scopus Indexed ISSN: 1738-7906
- Surya Kiran Jonnalagadda, Pranay Reddy published a paper entitled "Cyber Security and Risk Analysis on Connected Autonomous Vehicles" in Solid State Technology – Scopus Indexed ISSN: 0038-111x
- Modepalli Kavitha, Dr.S.Hrushikesava Raju, SaiyedFaiyaz Waris, Dr.Ashok Koulagaji published a paper entitled "Smart Gas Monitoring System for Home and Industries" in Materials Science and Engineering– Scopus Indexed ISSN: 0921-5093
- Dr.S.Kavitha published a paper entitled "IoT as a health Guide Tool" in Materials Science and Engineering– Scopus Indexed ISSN: 0921-5093
- Ramesh Kumar Mojjada , Arvind Yadav , A.V.Prabhu, Yuvaraj Natarajand published a paper entitled "Machine Learning Models for covid-19 future forecasting" in Materials Today: Proceedings – Scopus Indexed ISSN: 2214-7853
- Ramesh Kumar Mojjada, K. Kiran Kumar, Arvind Yadav, B.V.V. Satya Vara Prasad published a paper entitled "Detection of plant leaf disease using digital image processing" in Materials Today: Proceedings – Scopus Indexed ISSN: 2214-7853
- Dr. B.B.V. Satya Vara Prasad, Dr. M.Ramesh Kumar, Dr. K. Kiran Kumar , Dr. Arvind Yadav published a paper entitled "A Comparative Study of Interrupted Secondary User Buffer Mechanism with No buffer mechanism for Cognitive Radio Networks" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Dr.N.Raghavendra Sai, Dr.M.Jogendra Kumar and Dr.Ch. Smitha Chowdary published a paper entitled "A Secured and Effective Load Monitoring and Scheduling Migration VM in Cloud Computing" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Dr.M.Jogendra Kumar ,Dr.N.Raghavendra Sai and Dr.Ch. Smitha Chowdary published a paper entitled "An Efficient Deep Learning Approach for Brain Tumor Segmentation Using CNN" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Pavan Kumar, Lingam Gajjela and Dr.N.Raghavendra Sai published a paper entitled "A Hybrid Hash-Stego for Secured Message Transmission Using Stegnography" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Dr.Ch.Smitha Chowdary, Dr.Gayathri Edamadaka, Dr.N.Raghavendra Sai and Dr.M.Jogendra Kumar published a paper entitled "Analogous Approach towards Performance Analysis for Software Defect Prediction and Prioritization" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Dr.Gayathri Edamadaka, Dr.Ch.Smitha Chowdary, Dr.M.Jogendra Kumar and Dr.N.Raghavendra Sai published a paper entitled "Hybrid Learning Method to Detect the Malicious Transactions in Network Data" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- J.RajasekharaM, TrinathBasu, N.S.S.Sowjanya published a paper entitled "Smart governance of home through IoT" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- NareshVurukonda, M.TrinadhBasu, VenkateshwarluVelde, KiranEnumula published a paper entitled "Revocable storage identity based encryption for protected shared data in cloud computing" in IOP Conf. Series: Materials Science and Engineering– Scopus Indexed ISSN: 1757-899X
- Kota, S.S.S., Reddy, A.R., Desai, Y., Rachapudi Venubabu published a paper entitled "Improved convolution neural network for detecting Covid-19 from X-ray images" European Journal of Molecular and Clinical Medicine– Scopus Indexed
- Subhamastan Rao, T., Anjali Devi, S., Dileep, P., Sitha Ram, M. published a paper entitled "A Novel Approach to Detect Face Mask to Control Covid Using Deep Learning" European Journal of Molecular and Clinical Medicine– Scopus Indexed

- Anjali Devi, S., Sapkota, P., Rohit Kumar, K., Pooja, S., Sandeep, M.S published a paper entitled "Comparison of classification algorithms on twitter data using sentiment analysis" International Journal of Advanced Trends in Computer Science and Engineering– Scopus Indexed
- Debnath Bhattacharyya, Bhanu Prakash Doppala, N. Thirupathi Rao published a paper entitled "Prediction and Forecasting of Persistent Kidney Problems Using Machine Learning Algorithms" in International Journal of Current Research and Review– Scopus Indexed
- Venkata Naresh Mandhala, Debnath Bhattacharyya, Vamsi B., Thirupathi Rao N published a paper entitled "Object Detection Using Machine Learning for Visually Impaired People" in International Journal of Current Research and Review– Scopus Indexed
- Venkata Naresh Mandhala, Debnath Bhattacharyya, D. Sushma, published a paper entitled "Identification of Parasite Presence on Thin Blood Splotch Images", in International Journal of Current Research and Review– Scopus Indexed
- Debnath Bhattacharyya, Venkata NareshMandhala, B. Dinesh Reddy and N.Thirupathi Rao, "An Intelligent Traffic Light Controller (TLC) System Using IoT Model", Journal of Green Engineering (JGE) – Scopus Indexed

PROJECTS/PATENTS:

1. Dr. K. Subrahmanyam Professor-CSE received project on "Precision Farming and the Value Addition for Scheduled Caste Population in Piduguralla Mandal, Guntur District, Andhra Pradesh" from DST-SEED worth 1,03,22,145
2. Dr. TARUN NARAYAN SHANKAR applied for a project with title "Artificial Intelligence Assisted Blood Cancer image classification by using Self Organization Map" under SPARC, IIT, Kharagpur worth 78,40,400
3. Dr. TARUN NARAYAN SHANKAR applied for a project with title "Development of an IoT based forest fire detection system via UAV" under DST-India worth 78,61,480
4. Dr. TARUN NARAYAN SHANKAR received the consultancy project "Iris and Blockchain-based Security System for Land Records with One-time Password" of worth 40,000 from SAK INFORMATICS
5. Dr.B.SRINIVASARAO receive the consultancy project "IoT-based Application for Detection and Classification of Diseases on Cotton Plants using Machine Learning Framework" of worth 40,000 from SAK INFORMATICS
6. Dr.B.SRINIVASARAO receive the consultancy project "Identifying the object tracking in A Drone with Artificial intelligence" of worth 29,000 from SKYDROP TECHPRO PRIVATE LIMITED

INTELLIGENT & SMART COMPUTING IN DATA ANALYTICS" (ISCD 2020)

The Department of CSE has conducted International Conference on "Intelligent & Smart Computing in Data Analytics" (ISCD 2020) in online mode on 3rd, 4th and 5th October 2020.

At the end of the day, it's all about learning and how to maximize the number of ways of doing it. We are no strangers to the fact that mere classroom learning might not contribute to the excellence of a student in any trade. Hence the efforts put in the direction of overall development of the students and paving a way for them to understand the different domains they can grow in, take special place in the books of the University. One such significant effort has the International Conference on "Intelligent & Smart Computing in Data Analytics" (ISCD 2020) been. Despite the obvious challenges posed by the pandemic, the Department of Computer Science & Engineering, in collaboration with Springer has conducted an international conference in online mode on 3rd, 4th and 5th October 2020. The multi-track conference was organized with the objective of providing a platform to researchers, academicians and industrial professionals from all over the world to present their research results and development activities in the areas of Smart Computing, Data Analytics, Data Security & Advanced Computing. Various keynote speakers from different parts of the world have shed light on many important aspects of the afore mentioned technologies and enriched the intellect of the gathering. Pre-conference workshops were also conducted to facilitate the students and participants to upskill themselves on 3rd October. A bright inauguration session was held on 4th October marking the start of the conference where many participants enthusiastically presented their accomplishments and engaged in active learning for two days. The whole event left the department with indelible memories of what a heaven of learning and technology it has been.

Various Guest Lectures are conducted in view of International Conference on Intelligent and Smart Computing in Data Analytics (ISCD).

The Guest lecturers were invited on 03 October 2020 on Pre-Conference. The dignitaries have delivered very exceptional talks. Dr. Manish Kumar Jain has delivered lecture on the topic Azure Cognitive Analytics Virtual Handson Training with giving live examples. Mr. Prashanth Sahoo, TCS has spoken on Azure Administration – Virtual Hands-on Training and encourage their interest of researchers and Faculties. Mr. Rohith Seetha, TCS also spoke on topics Ethereum and Application Development where he has explained about Ethereum and Mr. J Kiran, GE delivered lecture on Hello Agile Scrum. A hands-on program, simulating industry style rituals, were created and spoke on Overview of Agile Scrum, SCRUM roles and responsibilities, special mention on SCRUM master, SCRUM Jargons meaning and purpose, SCRUM Metrics and SCRUM Challenges.



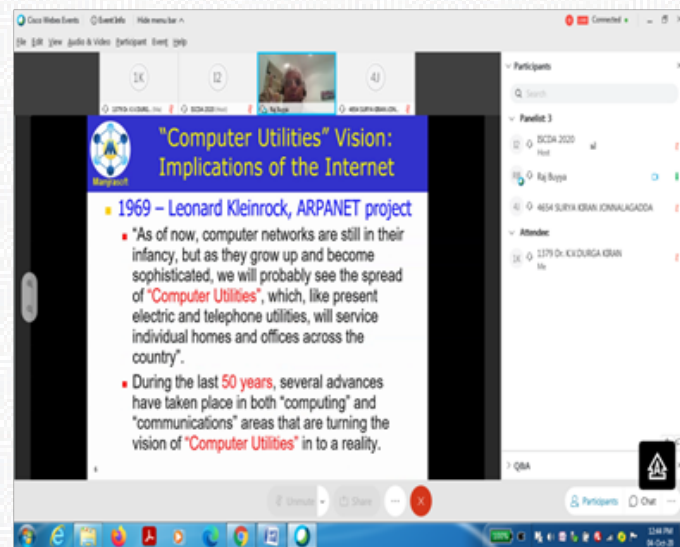
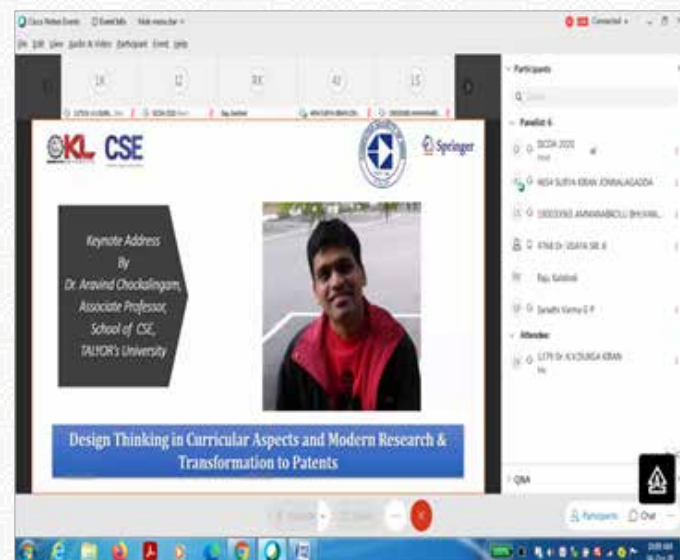
Dr Ch Aravind, from Taylor’s University spoke on topic Design Thinking in Curricular Aspects, Modern Research and Transformation to Patents and encourage students to think in a new way by rewriting dynamics and analyze the things and then transform into Patents.

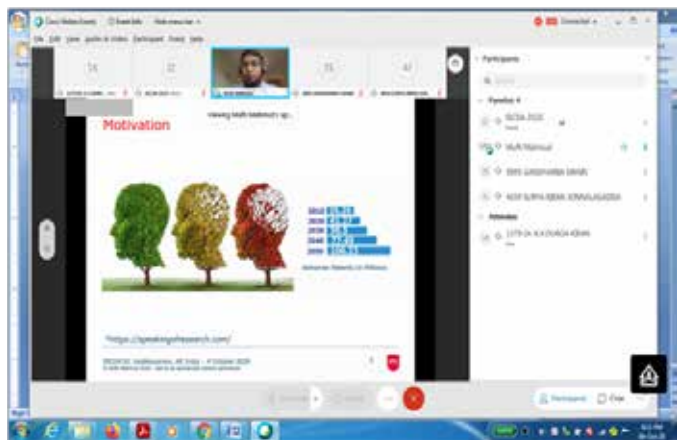
Dr B Raj Kumar, from University of Melbourne has given lecture on New Frontiers in Cloud and Edge Computing and explained about various topics like IoT, Fog/ Edge computing, serverless computing, SDNs and Blockchain he has explained with AI and Deep learning techniques.



Dr Ajai Kumar Garg, from MietY, New Delhi spoke on topic Recent Challenges in IPR and Startups and encourage students to move towards their own start-ups.

Dr Tran Duc Tan, from Phenikaa University has delivered Applications of IoT and Machine Learning Techniques for saving Human Life and Dr Mufti Mahmud, from Nottingham Trent University also delivered Towards Intelligent Healthcare for Neurological Disorders and explained on explainable and augmented machine learning for biosignals and biomedical images.





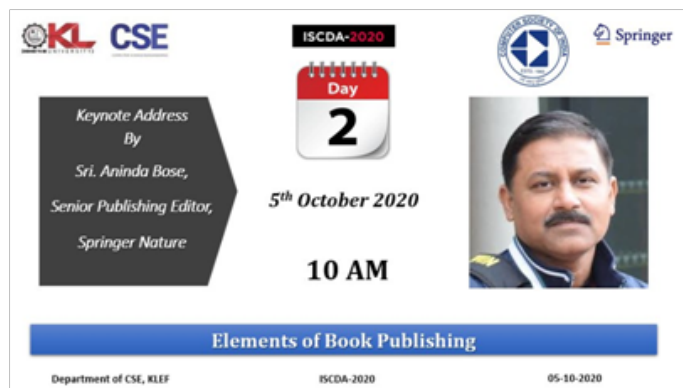
Dr Sinh Cong Lam, VietNam National University has delivered lecture on the topic Computing in Data Analytics with giving live examples. Dr Aninda Bose, Springer Nature has spoke on Elements of Book Publishing and encourage researchers and Faculties to publish their valuable materials in Springer books.



Keynote Address By
Dr. Sinh Cong Lam,
 Lecturer,
 University of Engineering and
 Technology,
 VietNam National University

ISCDA-2020
 Day 2
 5th October 2020
 9 AM

Department of CSE, KLEF ISCDA-2020 05-10-2020



Keynote Address By
Sri. Aninda Bose,
 Senior Publishing Editor,
 Springer Nature

ISCDA-2020
 Day 2
 5th October 2020
 10 AM

Elements of Book Publishing

Department of CSE, KLEF ISCDA-2020 05-10-2020

Dr Ramani Kanna, University of Petrona also spoke on topics IoT Applications in Smart Grids where he has explained about smart grids and its application through IoT.



Keynote Address By
Dr. Ramani Kanna,
 Senior Lecture,
 Universiti Teknologi PETRONA,
 Malaysia

ISCDA-2020
 Day 2
 5th October 2020
 11:30 AM

IoT Applications in Smart Grids

Department of CSE, KLEF ISCDA-2020 05-10-2020

Dr Katina Michael, Arizona State University delivered lecture on The Blackbox within: The Social Implications of Last Mile Data Analytics. She has explained about Data Analytics and its social implications how the data has been impacted.



Keynote Address By
Dr. Katina Michael
 Professor,
 School for the Future of
 Innovation in Society and School
 of Computing, Informatics

ISCDA-2020
 Day 2
 5th October 2020
 2:30 PM

The Blackbox Within: The Social Implications of Last Mile Data Analytics

Department of CSE, KLEF ISCDA-2020 05-10-2020

Dr Utku Kose, Suleyman Demirel University spoke on topic New Concepts of AI and Explainable AI and Dr SK Ramesh, California State University spoke on topic Engineering the future in post COVID era.



Keynote Address By
Dr. Utku Kose,
 Associate Professor,
 Computer Engineering,
 Suleyman Demirel University

ISCDA-2020
 Day 2
 5th October 2020
 4 PM

New Concepts of AI and Explainable AI

Department of CSE, KLEF ISCDA-2020 05-10-2020



Keynote Address By
Dr. S. K. Ramesh,
 Director, AIMS2 Program &
 Professor, Electrical and Computer
 Engineering,
 California State University,
 Northridge

ISCDA-2020
 Day 2
 5th October 2020
 8:30 PM

Engineering the Future in the post-COVID era

Department of CSE, KLEF ISCDA-2020 05-10-2020

WORKSHOPS/SEMINARS /GUEST LECTURES

1. Dr. Debnath Bhattacharyya, Professor CSE delivered a lecture on Data Mining in Harbin Institute of Technology (Shenzhen), China on 16/10/2020
2. Dr. Debnath Bhattacharyya Professor CSE delivered a lecture on Unsupervised Learning in ICVISP-2020, Bangkok, Thailand on 09/12/2020

THE DEPARTMENT OF CSE HAS CONDUCTED 48 HOURS ACADEMIC HACKATHON

for Y19 Students in the view of Skill Development Projects on 12/12/2020 & 13/12/2020.

The Guest lecturers were invited on 12 December 2020 on 48 Hours Academic HACKATHON for Y19 Students in the view of Skill Development Projects. The dignitaries have delivered very exceptional talk. Er. N.Sriram and Er. P.B.Ramachand has delivered lecture on the topic Azure Cognitive and the latest technologies used in the Industry. They have shown the road map to Y 19 students how to interrelate their studies with Industry works. Skill development project helps to think in new way to solve today's problem. Y19 students were continuously working for 48 hours started from 7:00 am on 12 December 2020 and ended by 9 pm on 13 December 2020. The Y19 students have showcase their project Live on YouTube. Faculties of CSE department had continuously reviewed the project by giving them new use cases related to their project. They also encourage the moral support of students by their motivated words and increase their interest of researchers and Faculties. Er. N. Sriram also spoke roles and responsibilities of each team members and motivate to work in teams.



KL CSE <FOCUS>
48 HOURS ACADEMIC HACKATHON FOR Y19 STUDENTS ON SKILL DEVELOPMENT PROJECT
 Department of Computer Science & Engineering
CHIEF GUESTS

Date	Time	Task	Venue
12-12-2020	07:00 AM	Registration & Welcome Orientation	KL University
	08:00 AM	Headmaster Inaugural	KL University
	09:00 AM	Introduction to Students	KL University
	09:30 AM	09:30 AM - 11:30 AM	KL University
13-12-2020	08:00 AM	08:00 AM - 10:00 AM	KL University
	10:00 AM	10:00 AM - 12:00 PM	KL University
	02:00 PM	02:00 PM - 04:00 PM	KL University
	04:00 PM	04:00 PM - 06:00 PM	KL University

12th - 13th Dec 2020

LIVE YouTube <https://youtu.be/fxMKNxs2uZs>

The department of CSE have organized a 5day FDP on

INTERNET OF THINGS

sponsored by AICTE New Delhi Under AICTE Training & Learning (ATAL) Academy on 14,15,16,17,18 Dec'20 Coordinator of the workshop Dr.P. Sai Kiran, welcomed the gathering and introduced about the FDP and its schedule to the Guests on the stage. Honorable Vice Chancellor addressed the gathering and elevated the necessity of these kind of Faculty Development programs and the need for the faculty to update their learning. Dr N. Venkatram addressed the gathering and asked the members to take advantage of the practical sessions planned in this FDP. Dr. K. Subba Rao, Principal presented a brief information about the University and the unique selling

points and Hallmarks of the University. Dr. V. Raghuv eer had presented the need for practical and skilling in academics and the faculty are the one to make sure the students have them. Dr. A. Srinath had briefed the activities of the Academic Staff College and the need for the same in every Institution in making the faculty and staff ready with the latest technologies and practical exposure. Dr B. Jayakumar Singh gave insights to the research and development role in the faculty career and presented some of the useful schemes for the faculty to apply. Prof. V. Hari Kiran, Addressed the gathering and told the skilling activities introduced in the teaching and learning activities in the University and also the industry collaboration in improving the skills of the faculty and students. He explained the need for projects based learning and appreciated the inclusion of projects in the FDP

5. Andhra Pradesh State Housing Corporation Limited (APSHCL) and the Department of CSE have jointly organized State level Training program to Engineering Assistants/ Ward Amenities Secretaries of VSWs employees during 18-19 December 2020 in the University. Principal Secretary to the Govt of AP, Sri Ajay Jain, IAS and Managing Director of APSHCL Sri Naveen Kumar, IAS were present for the Inaugural and performed Jyothi Prajwalan.

The training has been carried out as part of APSHCL – Construction of 28.30 lakh houses during the year 2021-24 under Navaratnalu – Pedalandariki Illu programme of Government of Andhra Pradesh.

The training focused on Schematic details of YSR PMAY-Urban & PMAY- Gramin, Quality of materials and construction work, APSHCL existing Schemes , Geo-tagging, Model M. Book Recording, Vigilance, IT management and Personality Development.

Dr. K. Subrahmanyam, Professor in CSE has acted as Program Coordinator for the event.





PUBLICATIONS:

1. KONDAVEETI SIVA KRISHNA , DEVANABOYINA VENKATA RATNAM , MIRIYALA SRIDHAR , P. BABU SREE HARSHA, AND GAMPALA SIVAVARAPRASAD , " Performance Evaluation of Adjusted Spherical Harmonics Ionospheric Model over Indian Region ", IEEE Access , 2169-3536 , SCI
2. G. Srilekha, P.Pardhasaradhi, B. T. P.Madhav , " Design and analysis of 6CB nematic liquid crystal–based rectangular patch antenna for S-band and C-band applications " , Zeitschrift für Naturforschung A , 9320784 , SCI
3. D. Praveen Kumar,p.pardha saradhi, M.Susanth babu , " Large Scale Cooperative Wireless Networks: Relay Selection and Performance Analysis ", International Journal of Advanced Trends in Computer Science and Engineering , 2278-3091 , scopus
4. K V K V L Pavan Kumar, G L Sravanthi, M Lakshmana Kumar, K T P S Kumar, V S V Prabhakar , " High-Performance Dynamic Comparator " , International Journal of Emerging Trends in Engineering Research , 2347-3983 , scopus
5. Dr. K. Praghash , " Nuclear structure of some even and odd nuclei using shell model calculations " , American Institute of Physics (United States) - Conf. Procs , 0094-243X , WoS & Scopus
6. Dr. Ngangbam Phalguni Singh, Dr. Shruti Suman, " Improved scheduling algorithm for the iir filter design for low power vlsi applications " , International Journal of Advanced Trends in Computer Science and Engineering, WARSE Publication , 2278-3091 , scopus
7. Dr. Shruti Suman, H. Saini, Dr. Ngangbam Phalguni Singh , " An improved bandwidth, resistance compensated cascode current mirror " , International Journal of Emerging Trends in Engineering Research , 2347-3983 , scopus
8. N. Suresh, N.V.K. Ramesh, Puctchapurnapriya, Shaik Razia, B Naresh Kumar Reddy, P. Gopi Krishna , " Lora System based Accident Rescue System for Future Generation " , International Journal of Emerging Trends in Engineering Research , 2347 - 3983 , SCOPUS
9. Ali Baig Mohammad, Tummala Ranga Babu , " An effective and robust approach of Image Cryptography using Phase Congruency Correlative method and Arnold Cat Map " , International Journal of Advanced Trends in Computer Science and Engineering , 2278-3091 , Scopus
10. Naren Das; N. Mandal; P. K. Sekhar; C. RoyChaudhuri , " Signal Processing for Single Biomolecule Identification using Nanopores: A Review " , IEEE Sensors Journal , , SCI and SCOPUS
11. G Sivavaraprasad, DV Ratnam, M Sridhar, K. Siva Krishna , " Modelling and forecasting of ionospheric TEC irregularities over a low latitude GNSS station " , Astrophysics and Space Science , 1572-946X , SCI and SCOPUS
12. Surendra Kumar Bitra and Sridhar M , " Design of Metal Insulator Metal based Square Ring Resonator Plasmonic Filter using Silica Slits for Dual Band Applications " , Journal of Scientific & Industrial Research , 0975-1084 , SCI and SCOPUS
13. Rajasekhar, K., Sunithamani, S. , " Cantilever based series metal contact RF MEMS switch with reduced pull-in voltage and RF losses " , International Journal of Emerging Trends in Engineering Research, 2020, 8(9), pp. 6098-6102, 195 , 2347-3983 , SCOPUS
14. Badugu, D.M., Sunithamani, S. , " Crosstalk reduction in copper on-chip interconnects with graphene barrier for ternary logic applications " , International Journal of Circuit Theory and Applications, 2020 , , SCOPUS
15. Ushasree, A., Agarwal, V., Satyanarayana, M. , " A novel approach of designing insubstantial ava operating in uwb for gpr applications " , International Journal of Emerging Trends in Engineering Research , 2347-3983 , SCOPUS

PATENTS:

S. No	Name of the patents	Name of the Principal Investigator	Name of the Co-Investigator	Date of Granted	Patent No
1	LOW RADIATION WEARABLE MICROSTRIP ANTENNAS FOR EMBEDDED SKIN PATCH APPLICATIONS	POKKUNURI PARDHA SARADHI	RAGHAVA YATHIRAJU	16-09-2020	2020102000
2	A CENTRALIZED PARKING SPACE MANAGEMENT SYSTEM BY USING DISTRIBUTED ANTENNA TECHNIQUES	POKKUNURI PARDHA SARADHI	RAGHAVA YATHIRAJU	12-08-2020	2020101498
3	MULTIFUNCTIONAL STORAGE BOTTLE WITH DEFORMABLE SPOON POSITIONING	Dr.D.Muruganandam	Dr. Ngangbam Phalguni Singh	30-Sep-20	2020102058

AWARDS:

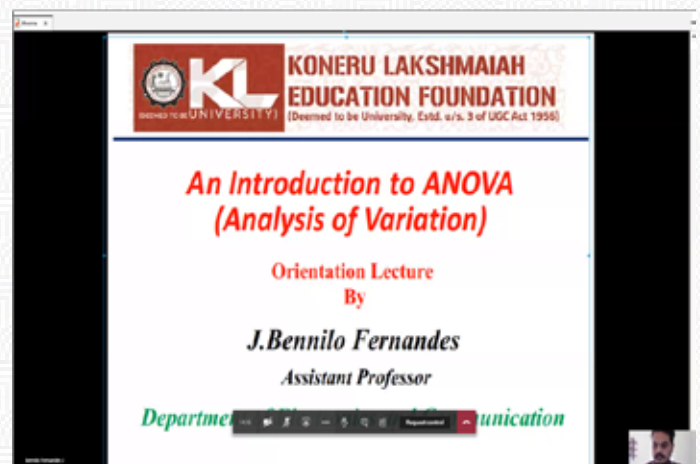
S.No	Faculty Name	Award Name	Year of Award
1	Dr B T P Madhav	IJIMR ELSEVIER RESEARCH AWARDS -2020, DISTINGUISHED SCIENTIST AWARD	DEC, 2020

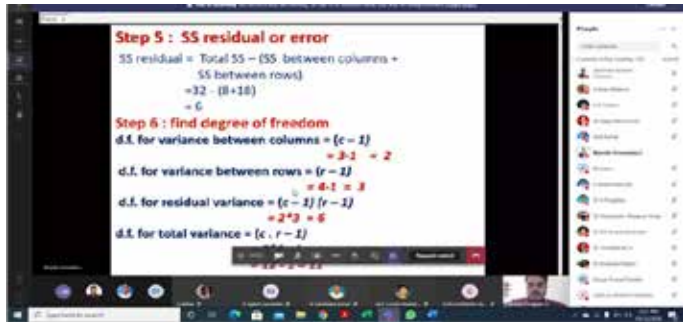
FACULTY ORIENTATION LECTURE

“An Introduction to ANOVA (Analysis of variation)”

Description: The Resource speaker was Mr. J. Bennilo Fernandes, Assistant Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented on the one-way analysis of variance (ANOVA) is used to determine whether there are any statistically significant differences between the means of three or more independent groups. The talk provides a brief introduction to the one-way ANOVA, including the assumptions of the test and when you should use this test. The talk describes in brief about the null hypothesis is tested by ANOVA and the uses of ANOVA. In general, ANOVA is used to test general rather than specific differences among means. The lecture started around 02:00 PM and ended around 03:00 PM. The lecture was appreciated by the faculty with a great

source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.



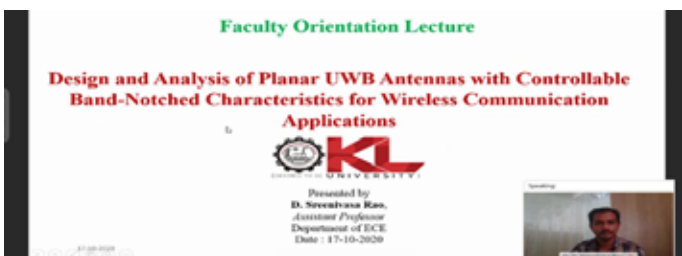


Outcomes

- A brief about the null hypothesis is tested by ANOVA and the uses of ANOVA is discussed.
- The principle of ANOVA and mathematical expressions are presented.
- One way ANOVA and two way ANOVA are presented along with their important characteristics.
- Various softwares used for ANOVA calculation is presented.

Topic: "Design and Analysis of Planar UWB Antennas with Controllable Band-Notched Characteristics for Wireless Communication Applications"

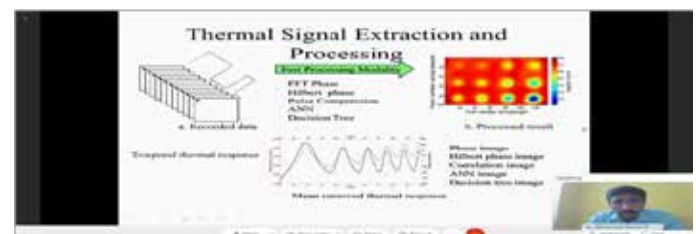
Description: The Resource speaker was Mr. D. Sreenivasa Rao, Assistant Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. In this talk, he presented how to design Ultra-wideband antennas and analyzed how the parameters affected with dimensions of the proposed antenna. He also demonstrated about the band notched UWB antennas to minimize the interferences from narrow band communication systems. He discussed the elliptical and circular planar monopole UWB antenna with reconfigurable band-stopped functions for portable wireless devices. The design of proposed antenna, the details of the band-notch filter for creating band-notch at ISM, WLAN, Wi-MAX, C and X-band satellite communication bands with design equations discussed. In the end, measured outcomes of the planned antenna both in the frequency and time domain are presented. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.



- ✓ The UWB planar monopole antennas for portable wireless devices,
- ✓ The UWB antennas with single and multiple band-stopped functions for portable wireless devices.
- ✓ The UWB planar monopole antennas with reconfigurable band-stopped functions for portable wireless devices.

"Defect Detection using Thermal Waves"

Description: The Resource speaker was Mr. Muzammil Parvez, Assistant Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. In this talk, he presented on the detection of manufacture defects using thermal waves. He highlighted the theory and mathematical analysis in support of a recently proposed frequency modulated thermal wave imaging for detecting nondestructive subsurface defects in composite solids. He demonstrated the technique simultaneously combining the advantages of both conventional pulse-based thermography as well as modulated lock-in thermography for successfully detecting faulty samples. In brief the presentation confirms that the Phase shifting method determines the phase map from a set of thermographic images. Basically, contrast to noise ratio is used to distinguish the two regions of interest and the phase shifting method provides excellent results in this work. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.

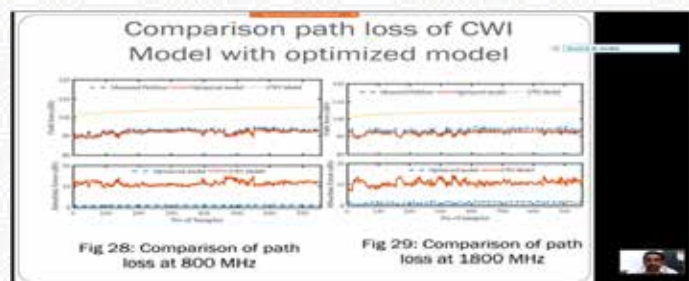
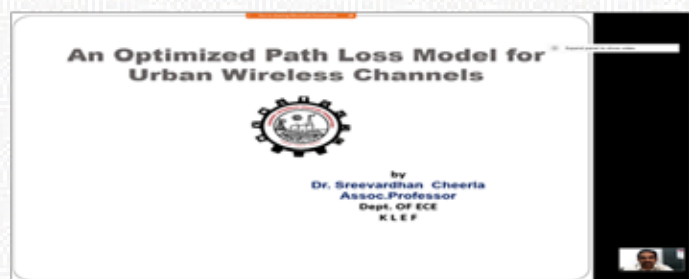


Outcomes

- ✓ The theory and mathematical analysis in support of thermal wave imaging Infrared thermography for the acquisition and analysis of thermal data is highlighted.
- ✓ Phase shifting method determines the phase map from a set of thermographic images.
- ✓ Contrast to noise ratio is used to distinguish the two regions of interest.
- ✓ A demonstration of the whole process was showing for a sample composite material.

“An Optimized Path Loss Model for Urban Wireless Channels”

Description: The Resource speaker was Dr. Sreevardhan Cheerla, Associate Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented on a robust propagation model suitable for a range of environmental conditions which may be implemented as guidelines for planning of cell in wireless communication systems. He highlighted that path loss is the regulating factor in limiting the performance of the system in urban areas. Hence, it is essential to develop an appropriate path loss model which predicts the path loss values depending on the received signal strength. In the present talk, the COST 231 propagation model has been optimized by making use of Newton’s method. The statistical measures like absolute average error and root-mean-square error were calculated for the frequencies 800 and 1800 MHz. The proposed optimized model can be useful for telecommunication providers to improve the service for mobile users. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.

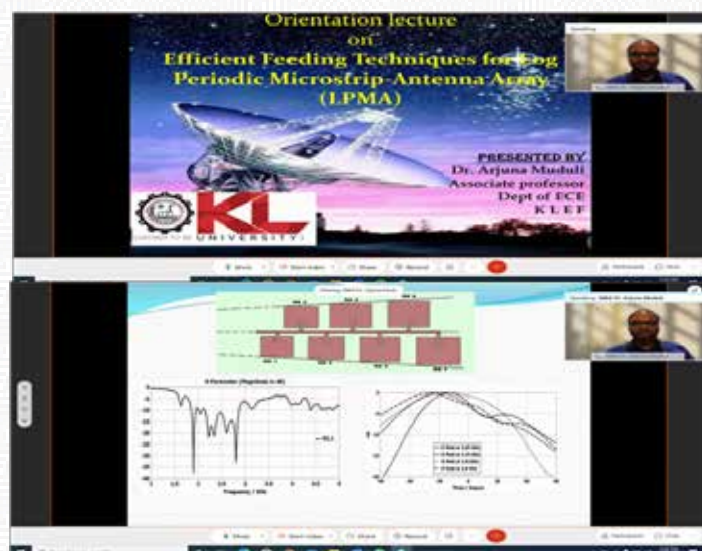


Outcomes

- An optimized path loss model is proposed using Newton’s method.
- Simulation results using optimization are validated using real-time measurements.
- The important extracts would complement towards the planning frequency reuse and better system designing of wireless communication systems.
- The optimized model can be useful for telecommunication providers to improve the service for mobile user satisfaction.

“Efficient Feeding Techniques for Log Periodic Microstrip Antenna Array (LPMA)”

Description: The Resource speaker was Dr. Arjuna Muduli, Associate Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented on the feeding techniques for Log Periodic Microstrip-Antenna Array (LPMA). It proposes simple design equations of LPMA for each feed configuration. Among all the configuration he emphasizes on the T Fed LPMA which gives 2 to 5 dBi gain improvement other configurations. Unlike many other LPMA configurations, the proposed configuration follows proper Log-Periodic principle with almost an end-fire radiation pattern. These design principles will be useful in LPMA synthesis and the prototype-based designs can find applications in various areas including Wi-Fi, C band, and others. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving

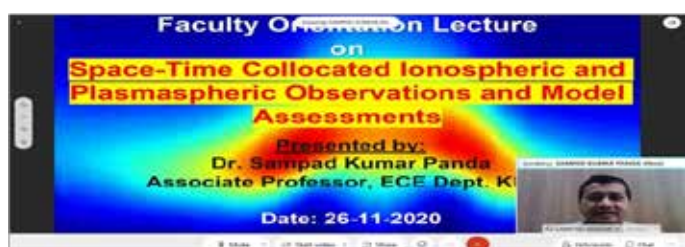


Outcomes

- The theory and mathematical analysis in support of log periodic dipole antenna array and analysis of prototype data is highlighted.
- Then the principle applied for the microstrip array which are now a days an emerging field.
- Gain and pattern enhancement is used to distinguish the two regions of interest.
- A demonstration of the whole process was showing for a sample FR4 material.

“Space-Time Collocated Ionospheric and Plasmaspheric Observations and Model Assessments”

Description: The Resource speaker was Dr. Sampad Kumar Panda, Associate Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented on sensible assimilation of profiles from the FormoSat-3/COSMIC ionospheric occultations with the auto-scaled profiles from 39 global Digisonde rather than peak to topside extrapolation. Under strict space-time collocation criteria, the integral electron content from the assimilated electron density profiles along with GPS derived TEC demonstrates altitude dependent contributions. The corresponding estimations from the empirical ionospheric and plasmaspheric models (IRI-2016, NeQuick-2, and IRI-Plas 2017) are also assessed to realize their discrepancies with respect to the observed parameters. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.

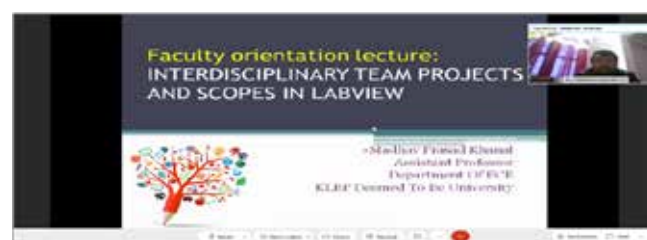


Outcomes

- A global assimilation scheme is proposed for Digisonde, COSMIC and GPS based TEC observations for near realtime time delay estimations for space-based communication and navigation system.
- Performance of global empirical ionosphere and plasmasphere models (IRI-2016, IRI-Plas 2017, and NeQuick-2) are assessed to realize t A global assimilation scheme for Digisonde, COSMIC and GPS based TEC observations.
- The framework presents a realistic presentation of ionospheric and plasmaspheric electron content and their altitudinal distributions.

“Interdisciplinary Team Projects and Scopes in Lab View”

Description: The Resource speaker was Mr. Madhav Prasad Khanal, Assistant Professor, working in the Department of ECE- Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented on various areas of in LabVIEW and interdisciplinary project scopes with live examples. He discussed the LabVIEW systems engineering software with applications that require test, measurement, and control with rapid access to hardware and data insights. He also highlighted the unique graphical programming approach that helps you visualize every aspect of your application, including hardware configuration, measurement data, and debugging. It is realized that this visualization approach makes it simple to integrate measurement hardware from any vendor, represent complex logic on the diagram, develop data analysis algorithms, and design custom engineering user interfaces. The lecture started around 04:00 PM and ended around 05:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.

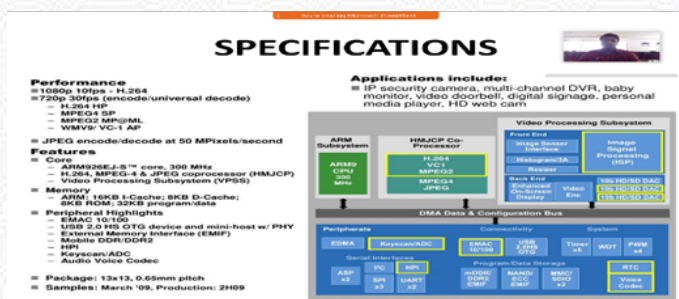
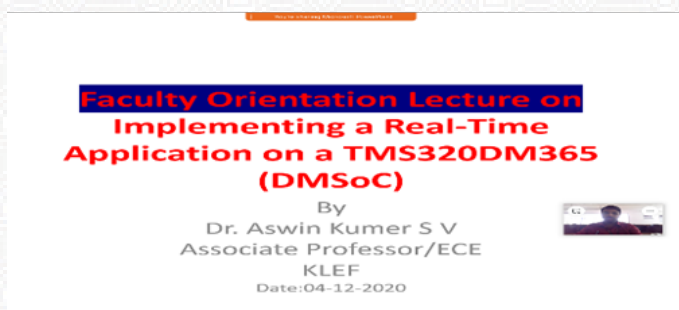


Outcomes

- The basic functions and advantages of LabVIEW system is discussed.
- Automated Manufacturing test, Product design validation, Control and condition monitoring capability of components/ sub-systems/machines are highlighted.
- The importance of this powerful platform for undertaking a wide variety of different applications are presented through some examples.
- The scopes for development of projects from RF circuitry to biomedical equipment, green technology and much more are presented.

“Implementing a Real-Time Application on a TMS320DM365 (DMSoC)”

Description: The Resource speaker was Dr. Aswin Kumer S V, Associate Professor, working in the Department of ECE-Koneru Lakshmaiah education foundation, Vaddeswaram 522502. The session started with formal invitation followed by a welcome address. The lecture was preceded by a short talk by the Professor in-charge of Faculty Orientation Lecture Dr. Aswin Kumer S V, KLEF-Vijayawada. In this talk, he presented on the evolution of TMS 320 CXX processors and its specifications and how to interface the image sensor with the board like DM 365 and C11860. Based on this interface, the module will capture and display images with different resolution and different framerates. Finally, he compared with the captured resolution and Display resolution for different Frame Rates Per Second. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.

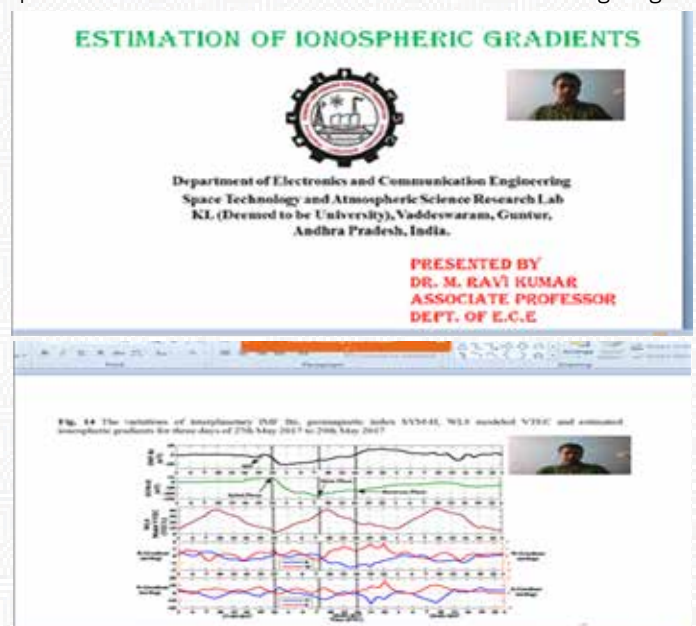


Outcomes

- ✓ The application result on two similar following images captured by our camera does not give the same edge-pixel position.
- ✓ It is a real problem if we want to do moving detection. Indeed, the difference of two similar following images should give a black image.
- ✓ But as two identical objects are not represented by the same pixels in two consecutive images, the difference cannot represent moving detection.

“Estimation of Ionospheric Gradients”

Resource Person: Dr. M. Ravi Kumar, Assoc Profe, ECE, KLEF
Description: The Resource speaker was Dr. M. Ravi Kumar, Associate Professor, working in the Department of ECE-Koneru Lakshmaiah education foundation, Vaddeswaram 522502. . In this talk, he presented how to estimate Ionospheric gradients by using NAVIC, L5 and S band signals. He explained how positional accuracy is degraded. He also demonstrated about the analysis he carried out in east, west, north and south directions using Weighted Least square (WLS) algorithm and how to estimate during geomagnetic storms how VTEC values are changed. He discussed that transmission of the signals are interrupted by various factors like solar and earth’s magnetic effect, Ephemeris and clock errors, space weather, solar flares, coronal mass ejections, multipath issues and the variation of electron density in ionosphere. The later one shows the major effect on the signal transmission. In brief the presentation concentrates on ionospheric gradient calculations especially at low latitude, equatorial region, India the TEC values are sharp and ionosphere gradients can occur and hence, suitable methods are needed to estimate ionospheric variations over the low-latitude regions. The lecture started around 03:00 PM and ended around 04:00 PM. The lecture was appreciated by the faculty with a great source of knowledge on the current trend and clarified the doubts among faculty with some specific issues. The event ended with a formal thanksgiving.



Outcomes

- ✓ Using NAVIC, L5 and S band signals Ionospheric gradients are estimated,
- ✓ How to rectify the degrading of the positional accuracy of NAVIC system.
- ✓ The analysis is carried out in east, west, north and south directions using Weighted Least square (WLS) algorithm.
- ✓ To estimate during geomagnetic storms how VTEC values are changed.

ALUMNI EVENTS

Alumni Guest Lecture

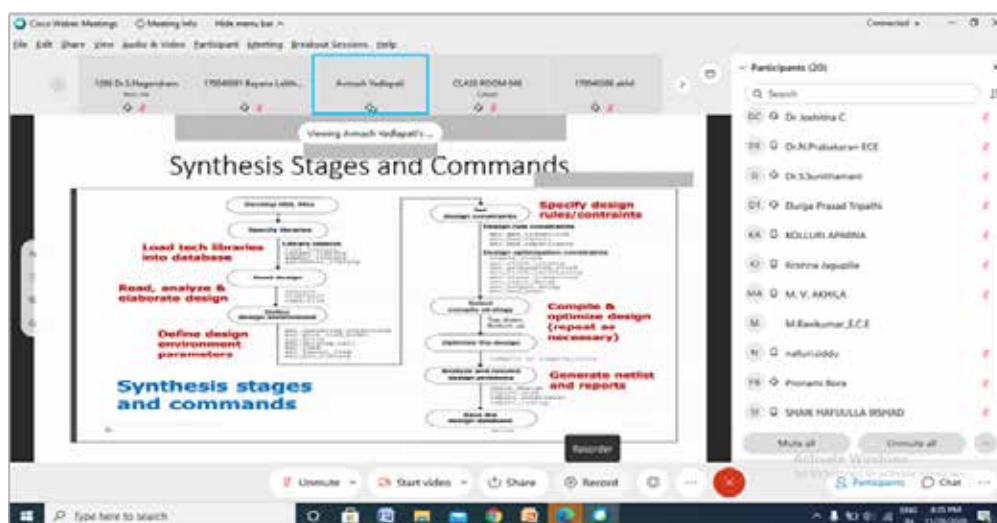
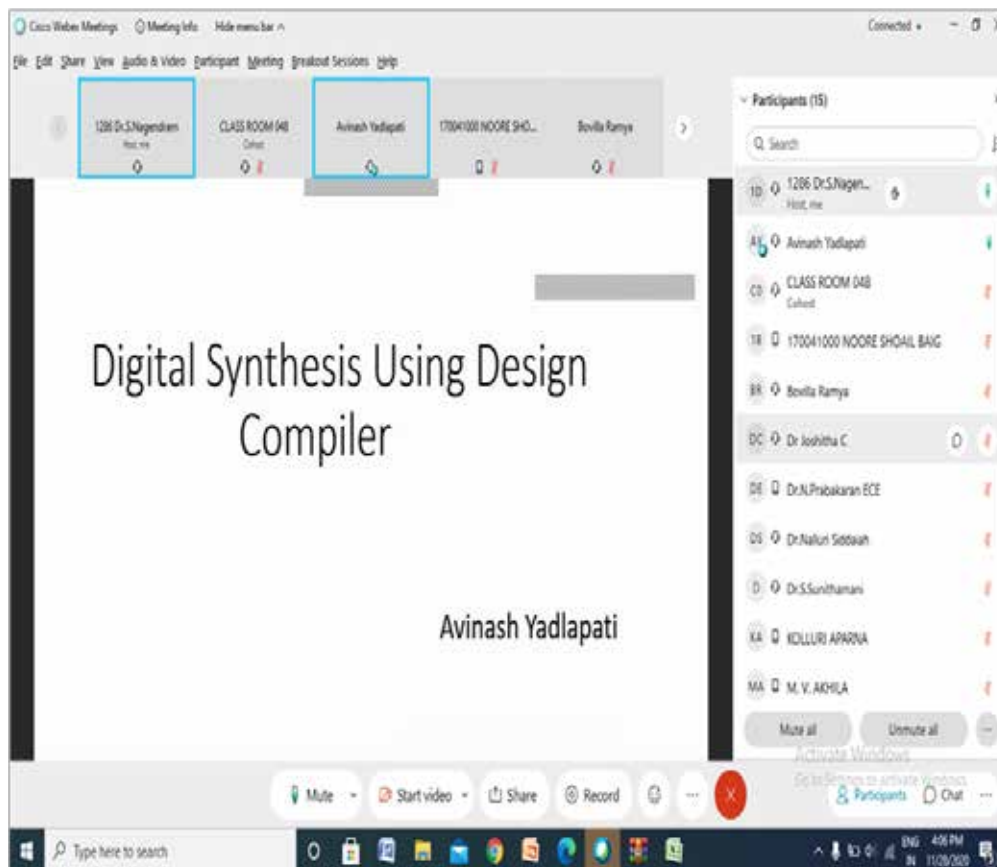
DT: 28-11-2020

Resource Person: Dr.Y. Avinash (Reg.No:13204107)

Senior Director-Engineering, Miraфра Software Technologies

Topic: Synthesis of digital circuits in VLSI

An Alumni guest lecture was conducted on the topic "Synthesis of digital circuits in VLSI" on 28-11-2020 at 4:00PM to 5:00PM. Speaker-Dr.Y.Avinash was a Senior Director-Engineering, Miraфра Software Technologies, Hyderabad. He gave an Introduction of synthesis of digital circuits in VLSI design. Synthesis of circuit is defined as a process of generating netlist from a circuit design model. Synthesis means 'to generate'. It is a step to generate circuit hardware schematics. VLSI design flow is revisited here explaining the role of synthesis in digital design flow. In VHDL design flow, synthesis is performed for hardware generation after simulation verifies the logic functionality of circuit under design and is ready for its hardware.





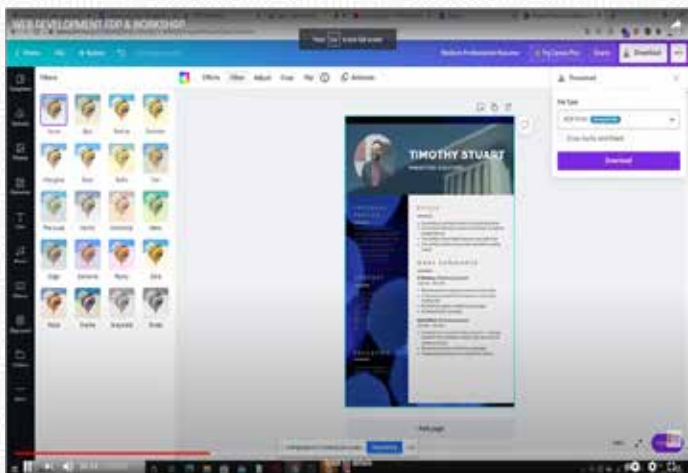
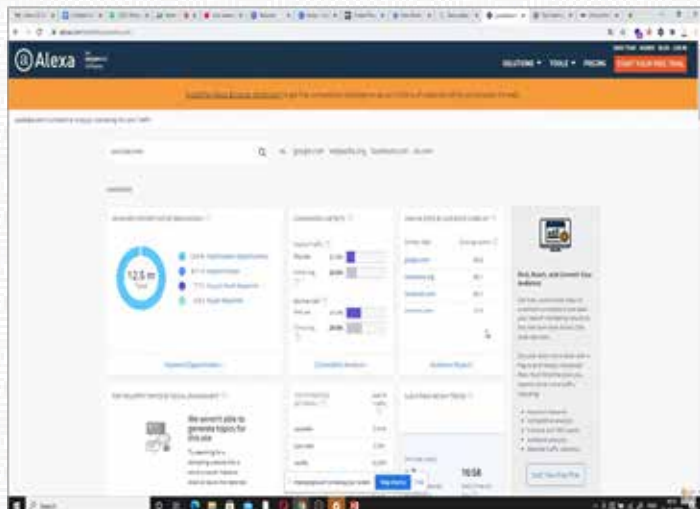
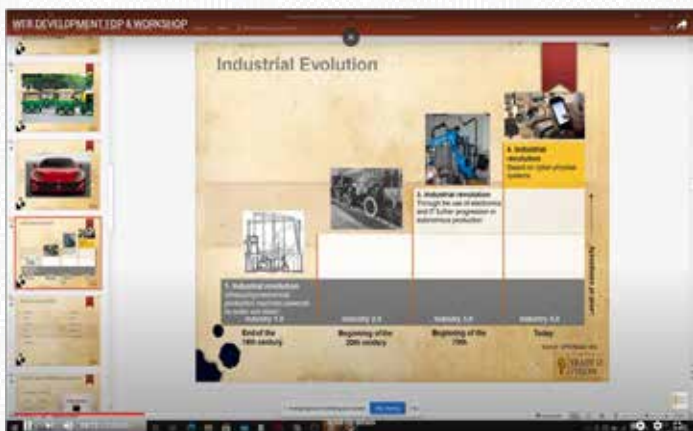
WEB DEVELOPMENT WORKSHOP

A National Technical Workshop on Web Development organized by Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation in Association with Brain O Vision India Solutions Pvt. Ltd on 13/12/2020 through YouTube Live. Web development is the building and maintenance of websites; it is the work that happens behind the scenes to make a website look great, work fast, and perform well with a seamless user experience. Web developers, or 'devs', do this by using a variety of coding languages. The languages they use depends on the types of tasks they are performing and the platforms on which they are working. Web development skills are in high demand worldwide and well paid too – making development a great career option. It is one of the easiest accessible higher paid fields as you do not need a traditional university degree to become qualified.

Statistics of the workshop:

Total number of Participants – 57

Department of Electronics and Computer Engineering faculty, Students of II Y, III Y and IV Y actively participated in this workshop.





of artificial intelligence. Machine learning algorithms build a model based on sample data, known as “training data”, to make predictions or decisions without being explicitly programmed to do so. Machine learning algorithms are used in a wide variety of applications, such as email filtering and computer vision, where it is difficult or unfeasible to develop conventional algorithms to perform the needed tasks.

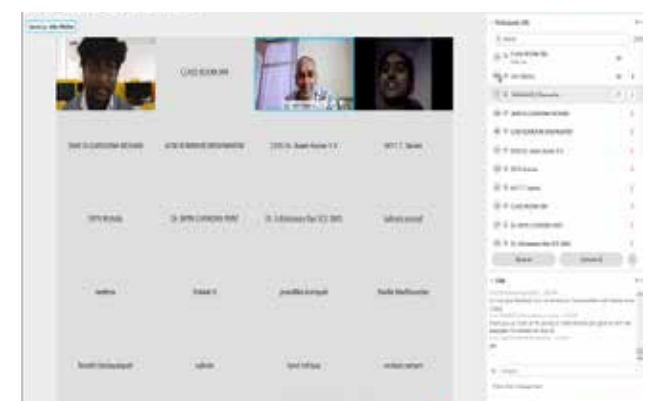
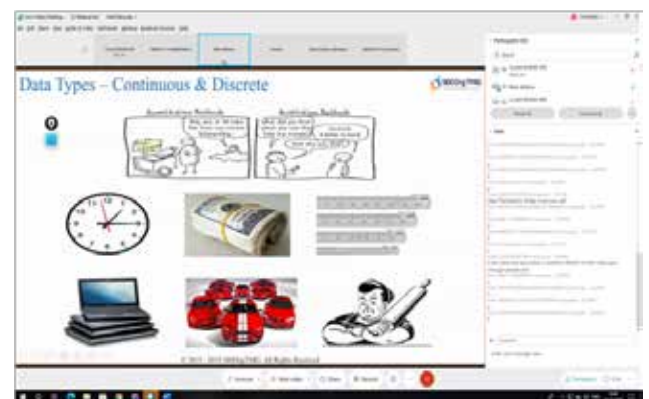
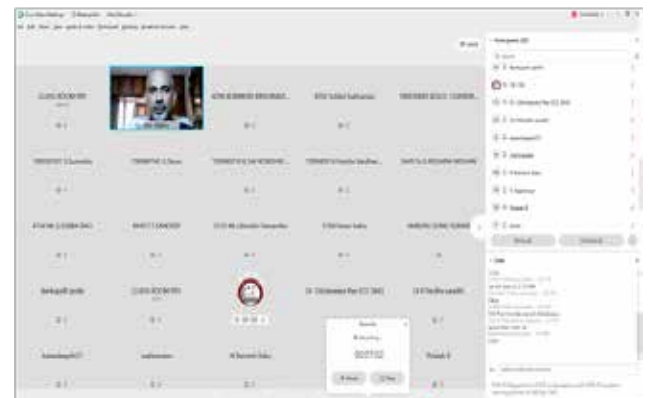
Registration Link: <https://forms.gle/vAZZxCkCPmAbu36V7>

Resource Person: Nitin Mishra

Statistics of the workshop:

Total number of Participants – 281

Department of Electronics and Computer Engineering & Department of Electronics and Communication Engineering Faculty Members and Students of II Y, III Y and IV Y and 200 more participants from various prestigious universities and Engineering Colleges actively participated in this workshop.



The Head of the Department Dr. M. Siva Ganga Prasad and Deputy HOD Mrs. P. S. G. Aruna Sri congratulate the all the participants in Angular JS workshop and congratulate the entire Department of Electronics and Computer Engineering Faculty Members and Coordinators for Smooth Conduction of Workshop.

The Head of the Department express thanks to Koneru Lakshmaiah Education Foundation Management, Higher Authorities and Brainovision India Solutions pvt.ltd for their support.

2-Weeks Refresher Course on Machine Learning & Its Applications

A National Level 2-Weeks Refresher course on Machine Learning & Its Applications jointly organized by Department of Electronics and Computer Engineering & Department of Electronics and Communication Engineering, Koneru Lakshmaiah Education Foundation in Association with GNV IT Solutions Learning Partner of 360 Digi-TMG from 14-12-2020 to 24-12-2020 @ 2.00 PM to 4.00 PM.

Machine Learning is a large field of study that overlaps with and inherits ideas from many related fields such as Artificial Intelligence. The focus of the field is Learning, that is, acquiring skills or knowledge from experience. Most commonly, this means synthesizing useful concepts from historical data.

Machine learning (ML) is the study of computer algorithms that improve automatically through experience. It is seen as a subset



Organized by:
 Department of Computer Engineering | Department of Electronics and Communications

in association with:
 360 DigiTMG

2 Weeks Refresher Course on MACHINE LEARNING & ITS APPLICATIONS

Week 1: 14-12-2020 to 18-12-2020 | Week 2: 21-12-2020 to 24-12-2020
 Time: 2.00 PM to 4.00 PM

Registration link: <https://forms.gle/vAZZxckCPmAbu36V7>

REGISTRATION IS FREE

E-Certificate will be provided to all the participants

Coordinators for Week 1:
 Dr. A. Kiran Kumar (Department of CCE), Mrs. K. Kishnaveni (Department of CCE), Dr. B. Polamra (Department of ECE), Mr. P. Srikanth Reddy (Department of ECE)

Coordinators for Week 2:
 Dr. J. B. Kiran Kumar D (Department of CCE), Mrs. S. Sreelaxmi (Department of ECE), Dr. E. Kiran Kumar (Department of ECE), Dr. M. Kasi Prasad (Department of ECE)

Convenors: Dr. M. Siva Ganga Prasad (Department of ECE), Dr. N. Suman (Department of ECE), Dr. P. Lakshman (Department of ECE), Dr. M. Venkata Narayana (Department of ECE), Dr. Madhukar Deshmukh (Department of ECE)

Co-Sponsors: Dr. A. Kiran Kumar (Department of ECE), Dr. M. Suman (Department of ECE), Dr. P. Lakshman (Department of ECE), Dr. M. Venkata Narayana (Department of ECE), Dr. Madhukar Deshmukh (Department of ECE)

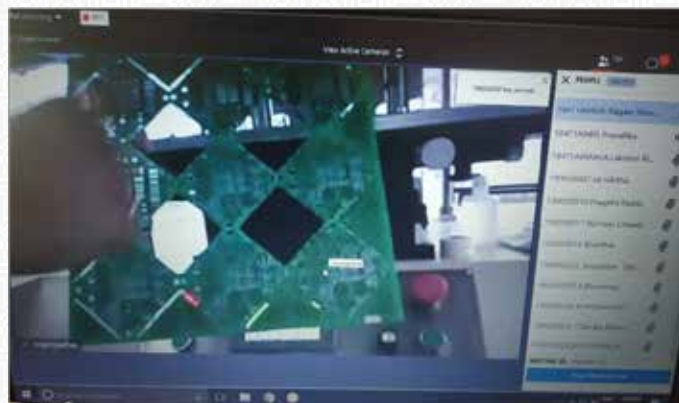
For any queries Contact:
 Dr. A. Kiran Kumar, Associate Professor, Dept. of ECE | Ph: 9703332849 | Email: kiran.ankure@kluniversity.in

INDUSTRIAL VISIT

Efftronics Systems Pvt. Ltd, Vijayawada

B.Tech Second Year students (Total:63) along with three faculty members (Mrs.K.Kishnaveni and R.Karthik) attended an industrial Virtual tour by Efftronics Systems Pvt. Ltd, Vijayawada on the "Life cycle of electronics product manufacturing" via this virtual tour on 06 October 2020.

The application of embedded wireless technologies into printed circuit boards can help by bridging current knowledge gaps in order to minimise both technical and financial risk through: reduced product downtime, improved quality of tracking, and enhanced end-of-life decision making. The application of an embedded radio frequency identification device into printed circuit boards for life cycle monitoring of electronic products to support product service systems.



To make students aware and have better understanding of the processes the technical instructor started with the description Life cycle of electronics product manufacturing. Dry cabinets can eliminate potential defects which caused by humidity in IC packages and printed circuit boards (PCBs). With the introduction of lead-free products, proper handling and preservation of these moisture sensitive components (MSDs) has become more important than ever.



The Head of the Department of ECM Dr. M. Siva Ganga Prasad and Head of the Department of ECE Dr. M. Suman & Deputy HODs, Mrs. P.S.G Aruna Sri, Dr. P. Lakshman, Dr. M. Venkata Narayana, Dr. Madhukar Deshmukh congratulate the all the participants in 2-Weeks Refresher Course on Machine Learning & Its Applications and also congratulate the entire Department of Electronics and Computer Engineering & Department of Electronics and Communication Engineering Faculty Members and Coordinators for Smooth Conduction of Workshop.

The Head of the Department of ECM and The Head of the Department of ECE express thanks to Koneru Lakshmaiah Education Foundation Management, Higher Authorities and GNV IT Solutions Learning Partner of 360 Digi TMG.

DIGITAL TRANSFORMATION

A Webinar on Digital Transformation organized by Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation in Association with SK Deep Tech Pvt.Ltd Hyderabad on 03/10/2020 from 10.00 AM to 12.00 Noon.

Digital transformation is the integration of digital technology into all areas of a business, fundamentally changing how you operate and deliver value to customers. It is also a cultural change that requires organizations to continually challenge the status quo, experiment, and get comfortable with failure.

SK Deep Tech Pvt. Ltd, Hyderabad is a start-up company offering Digital Transformation Training and Consultancy services in the niche areas like Artificial Intelligence (AI), Machine Learning (ML), Big data & Analytics, Internet of Things (IoT), Fintech / Blockchain, Industry 4.0 etc. SK Deep Tech tied up with reputed brands in Singapore to exclusively market their products/ services in India. SK deep Tech is all set to create a Deep Tech eco system with Solution-as-a-Service Business Model covering areas like AI, IoT, Blockchain, Big data& Analytics across INDIA.

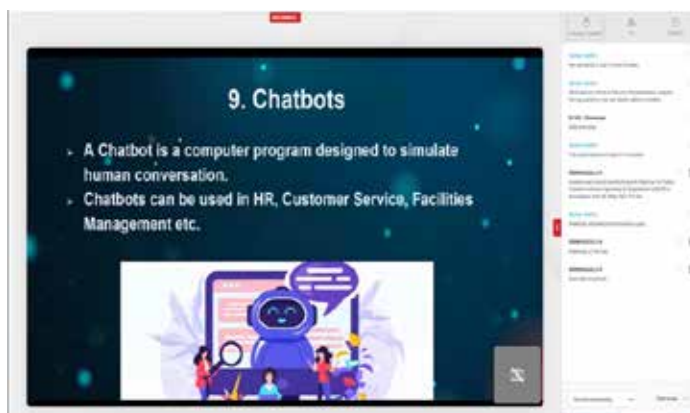
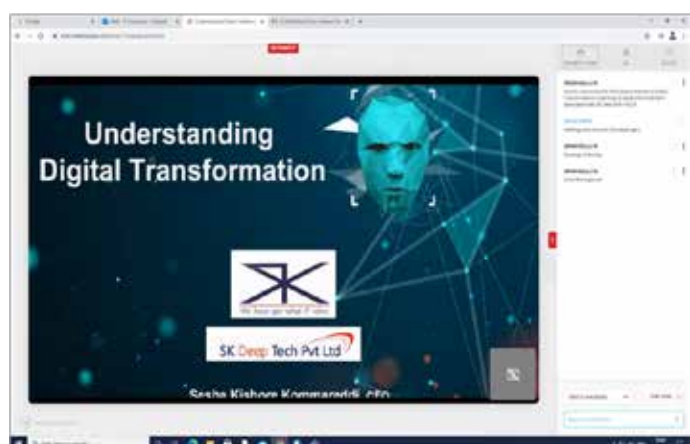
Statistics of the workshop:

Total number of Participants – 148 Members

Department of Electronics Computer Engineering faculty,

Students of II Y, III Y and IV Y and 50 more participants

from other departments and KL Hyderabad Campus actively participated in this workshop.



The Head of the Department Dr. M. Siva Ganga Prasad and Deputy HOD Mrs. P. S. G. Aruna Sri congratulate the all the participants in Digital Transformation Webinar also congratulate the entire Department of Electronics and Computer Engineering Faculty Members and Coordinators for Smooth Conduction of Workshop.

The Head of the Department express thanks to Koneru Lakshmaiah Education Foundation Management, Higher Authorities and Pantech Solutions for their support.

WEBINAR REPORT ON BUSINESS ANALYTICS

A Webinar on Business Analytics organized by Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation in Association with SK Deep Tech Pvt.Ltd Hyderabad on 11/10/2020 from 10.00 AM to 12.00 Noon.

Business analytics is a field that drives practical, data-driven changes in a business. It is a practical application of statistical analysis that focuses on providing actionable recommendations. Analysts in this field focus on how to apply the insights they derive from data.

SK Deep Tech Pvt. Ltd, Hyderabad is a start-up company offering Digital Transformation Training and Consultancy services in the niche areas like Artificial Intelligence (AI), Machine Learning (ML), Big data & Analytics, Internet of Things (IoT), Fintech / Blockchain, Industry 4.0 etc. SK Deep Tech tied up with reputed brands in Singapore to exclusively market their products/ services in India. SK deep Tech is all set to create a Deep Tech eco system with Solution-as-a-Service Business Model covering areas like AI, IoT, Blockchain, Big data& Analytics across INDIA.

Statistics of the workshop:

Total number of Participants – 78 Members

Department of Electronics Computer Engineering faculty, Students of II Y, III Y and IV Y and 20 more participants from other departments and KL Hyderabad Campus actively participated in this workshop.



The Head of the Department Dr. M. Siva Ganga Prasad and Deputy HOD Mrs. P. S. G. Aruna Sri congratulate the all the participants in Business Analytics Webinar and also congratulate the entire Department of Electronics and Computer Engineering Faculty Members and Coordinators for Smooth Conduction of Workshop.

The Head of the Department express thanks to Koneru Lakshmaiah Education Foundation Management, Higher Authorities and Pantech Solutions for their support.

FACULTY ACHIEVEMENTS

- Mr.K.V.D Sagar completed FDP on R Programming conducted by APSSDC
- Mr.K.V.D Sagar completed AICTE sponsored STTP on Building Intelligent applications with deep learning Using Pytorch.
- Mr.K.V.D.Sagar, Smt.S.Sridevi, Smt.P.S.G.Aruna Sri completed Projectethon conducted by SmartInternz,IBM in association with AICTE.
- Mr.K.V.DSagar completed AICTE sponsored FDP on "Insights into intelligent automation, machine learning and data Sardar Patel Institute of Technology,Andheri,Mumbai.
- Mr.K.V.DSagar completed AICTE sponsored STTP on "Computer Networking with SDN" organized by Bharathi Vidyapeeth,Pune from 26th October 2020 to 31st October 2020.
- Mr.K.V.DSagar Completed AICTE sponsored online STTP on "Machine Learning and its applications (Phase- 1)".
- Smt.K.Krishnaveni Completed AICTE sponsored online STTP on "Machine Learning and its applications (Phase-1)".
- Mr.K.V.D.Sagar participated in National Level Virtual Conference on "Strategies and Recommendations for the implementation of National Education Policy 2020 conducted by AMET, Chennai on 23rd Nov 2020.
- Smt.P.S.G.Aruna Sri participated in National Level Virtual Conference on "Strategies and Recommendations for the implementation of National Education Policy 2020 conducted by AMET, Chennai on 23rd Nov 2020.
- Smt.S.Sridevi participated in National Level Virtual Conference on "Strategies and Recommendations for the implementation of National Education Policy 2020 conducted by AMET, Chennai on 23rd Nov 2020.
- Mr.K.V.D.Sagar attended AICTE sponsored two week online FDP on "insights into intelligent automation, machine learning and data science" from 17th Nov2020 to 29th nov2020.
- Mr.K.V.D.Sagar participated ATAL FDP on Robotics conducted by NIT Durgapur.
- Mr.K.V.D.Sagar completed AICTE sponsored STTP onCognitive Inspired Computing for Machine Intelligence"

- Mr.K.V.D.Sagar completed on line ATAL FDP on "Artificial Intelligence"
- Mr.K.V.D.Sagar completed 2 week FDP on data science and its applications conducted by Sadar Patel Institute of Technology,Mumbai from 7th December to 19th December 2020
- Dr.Ali Hussain wrote and published the book on "Data Science through visualization"

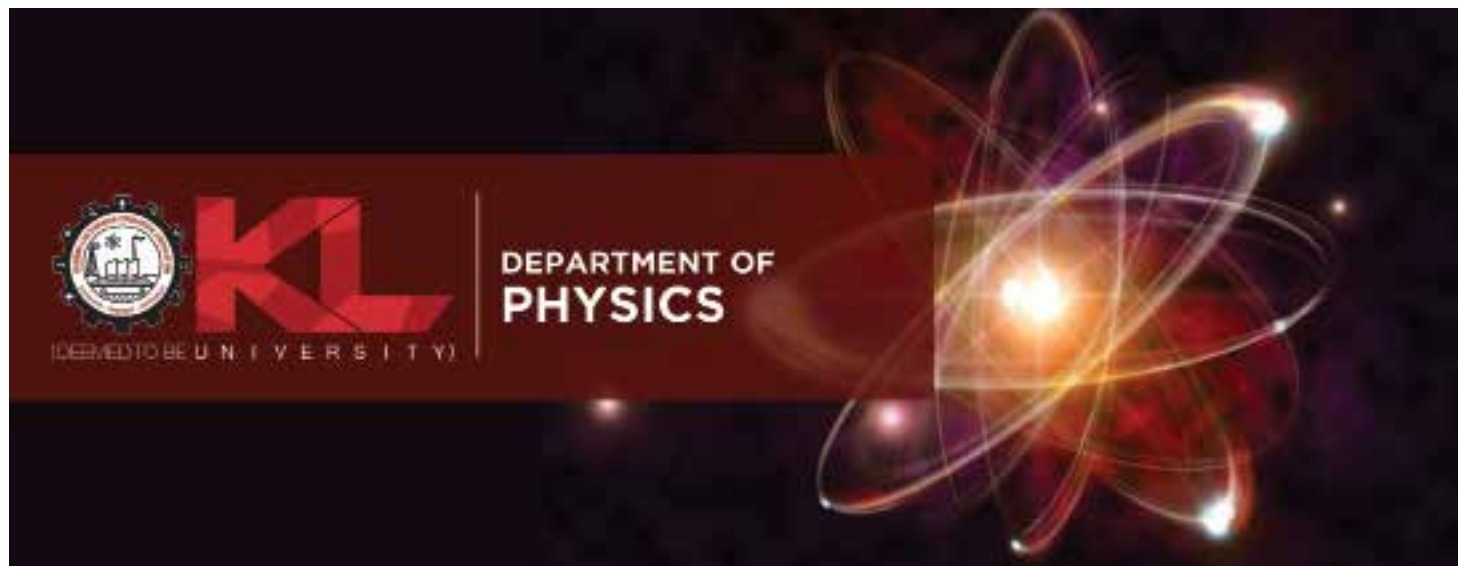


RESEARCH PUBLICATIONS

1. Kommuri, K., & Kolluru, V. R. (2020). Real time implementation and comparison of ESP8266 vs. MSP430F2618 QoS characteristics for embedded and IoT applications. *International Journal of Advanced Computer Science and Applications*, 11(9), 196–202. <https://doi.org/10.14569/IJACSA.2020.0110923>
2. Pyla, R. K., & Dabbakuti, J. R. K. K. (2021). Evaluation of Ionospheric Delays Based on Orthogonal Dimensionality Reduction Approach. *Acta Astronautica*, 179, 122–129. <https://doi.org/10.1016/j.actaastro.2020.10.043>
3. Sailaja, M., Madhu Kanth, R., Bhupati, & Kumar, T. K. (2020). The impact of artificial intelligence traveling with virtual intelligent machine: A review. *International Journal of Advanced Trends in Computer Science and Engineering*, 9(5), 7903–7907. <https://doi.org/10.30534/ijatcse/2020/142952020>
4. Krishna, S. R., & Hussain, M. A. (2020). An efficient multi-core resource allocation using the multi-level objective functions in cloud environment. *Recent Advances in Computer Science and Communications*, 13(5), 957–964. <https://doi.org/10.2174/2666255813666200213105651>

5. Suma, P., & Hussain, M. A. (2020). Fractwhale-dsr: Fractional whale optimization based secure dynamic source routing algorithm for mobile ad-hoc network. *Recent Advances in Computer Science and Communications*, 13(5), 942–956. <https://doi.org/10.2174/2213275912666190715165444>
6. Sri, PSG Aruna, et al. "A Privacy Preserving System for Protecting Cloud Based Health Care Records Using Fine Grade Access Techniques." *IOP Conference Series: Materials Science and Engineering*. Vol. 981. No. 2. IOP Publishing, 2020
7. Sakhamuri, Sridevi, and Vijaya Sri Kompalli. "An Overview on Prediction of Plant Leaves Disease using Image Processing Techniques." *IOP Conference Series: Materials Science and Engineering*. Vol. 981. No. 2. IOP Publishing, 2020.
8. Sagar, K. D., Arunasri, P. S. G., Sakamuri, S., Kavitha, J., & Kamesh, D. B. K. "Collaborative Filtering and Regression Techniques based location Travel Recommender System based on social media reviews data due to the COVID-19 Pandemic." *IOP Conference Series: Materials Science and Engineering*. Vol. 981. No. 2. IOP Publishing, 2020.
9. Prasad, BBV Satya Vara, M. Ramesh Kumar, K. Kiran Kumar, and Arvind Yadav. "A Comparative Study of Interrupted Secondary User Buffer Mechanism with No buffer mechanism for Cognitive Radio Networks." In *IOP Conference Series: Materials Science and Engineering*, vol. 981, no. 2, p. 022040. IOP Publishing, 2020.
10. Kumar, K. K., Kiran, T. S. R., Kumar, M. R., & Sri, P. A. (2020, December). An Interactive Clustered base Recommender system for effective Social Data Analysis. In *IOP Conference Series: Materials Science and Engineering* (Vol. 981, No. 2, p. 022011). IOP Publishing.
11. Jyothi, V. Esther, B. D. C. N. Prasad, and Ramesh Kumar Mojjada. "Analysis of Cryptography Encryption for Network Security." *IOP Conference Series: Materials Science and Engineering*. Vol. 981. No. 2. IOP Publishing, 2020.
12. Devi, O. R., Vallabhaneni, S. P., Hussain, M. A., & Kumar, T. K. (2020, December). Security Analysis on Remote Authentication against Man-in-the-Middle Attack on Secure Socket Layer. In *IOP Conference Series: Materials Science and Engineering* (Vol. 981, No. 2, p. 022015). IOP Publishing.





RESEARCH ARTICLES

1. Dr.N.S.M.P.Latha Devi, Assoc. Professor published a paper entitled "Inter-comparison of multisensory AOD products observed over East China during 2005-2018" , N.S.M.P. Latha Devi, Kanike Raghavendra Kumar, Solid State Technology, ISSN: 0038-111X, Volume 63, No. 5, October 2020.
2. Dr. K. Raghavendra Kumar, Assoc. Professor published a paper entitled "Global distribution of maritime low cloud with an emphasis on different aerosol types and meteorological parameters inferred from multi-satellite and reanalysis data during 2007-2016", Baiwan Pan, Dantong Liu, Kanike Raghavendra Kumar, Min Wang and NSMP Latha Devi, Atmospheric Environment (Elsevier; Nov 2020), <https://doi.org/10.1016/j.atmosenv.2020.118082>.
3. Dr. K. Raghavendra Kumar, Assoc. Professor published a paper entitled "A decadal global climatology of ice cloud fraction with their microphysical and optical properties inferred from the CALIPSO and reanalysis data", Honglin Pan, Minzhong Wang, Kanike Raghavendra Kumar, Jiantao Zhang & Lu Meng, Remote Sensing (MDPI; Dec 2020) <https://doi.org/10.3390/rs12223795>
2. Dr.N.S.M.P.Latha Devi, Assoc. Professor, participated in one day national webinar on " Advance Statistical methods and its applications in Industry" organized by department of Mathematics, K L E F , on 31st October 2020.
3. Dr.A. Venkateswara Rao, Asst.Professor, attended online five days FDP on "Energy storage" sponsored by AICTE-ATAL from 05-10-2020 to 09-10-2020 and secured certificate.
4. Dr.A. Venkateswara Rao, Asst.Professor, attended online five days FDP on "3D Printing" sponsored by AICTE-ATAL from 09-11-2020 to 13-10-2020 and secured certificate.
5. Dr.N.S.M.P.Latha Devi, Assoc. Professor, participated in one week FDP on " Advances in atmospheric Physics and Chemistry" organized by Santhiram Engineering College, Nandyal from on 5th October 2020 to 9th October 2020.
6. Dr.N.S.M.P.Latha Devi, Assoc. Professor, participated in one day national webinar on " Characterization of materials" organized by department of Physics, K L E F , on 30th November 2020.
7. Dr.A.Venkateswara Rao, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F , on 30th November 2020.

WEBINARS/SEMINARS/WORKSHOPS/ FDPS ATTENDED BY THE FACULTY OF THE DEPARTMENT:

1. Dr.A.Venkateswara Rao, Asst.Professor, acted as Chair Person for 3 day International virtual conference on "Smart advanced material science and engineering applications" organized by department of Physics, K L E F , from 3rd to 5th December 2020.
8. Dr.M.Venkateswarlu, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F , on 30th November 2020.

9. Dr.MVVKS Prasad, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
10. Dr.A.Sendil Kumar, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
11. Dr.S.Shanmugan, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
12. Mr.M.Gnana Kiran, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
13. Dr.K.Swapna, Assoc.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
14. Dr.SK.Mahamuda, Assoc.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
15. Dr.G.Sunita Sundari, Assoc.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
16. Dr.N.S.M.P.Latha Devi, Assoc. Professor, acted as Chair Person for 3 day International virtual conference on "Smart advanced material science and engineering applications" organized by department of Physics, K L E F, from 3rd to 5th December 2020.
17. Dr.A.Venkateswara Rao, Asst.Professor, participated in one day national webinar on "Nanoengineered Materials-Synthesis, Characterization and applications" held on 05-10-2020 conducted by Freshman Engineering Department of Lakireddy Bali Reddy College Of Engineering.
18. Dr.SK.Mahamuda, Assoc.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
19. Dr.SK Babu, Asst.Professor, participated in one day national webinar on "Characterization of materials" organized by department of Physics, K L E F, on 30th November 2020.
20. Dr.N.S.M.P.Latha Devi, Assoc. Professor, participated in one day national webinar on " Fitness and Health" organized by department of Physical education, K L E F, on 5th December 2020.
21. Dr.A.Venkateswara Rao, Asst.Professor, participated in three day International webinar on 'IMPACT OF PHYSICS IN HEALTHCARE', organized by the Department of Physics, Maris Stella College, Vijayawada in collaboration with 'Emtron Technologies', Mumbai from 14th - 16th October, 2020.
22. Dr.K.Raghavendra Kumar, Assoc. Professor attended National Webinar on Characterization of materials conducted by Dept of Physics, KLEF on 30th Nov 2020.
23. Dr.K.Raghavendra Kumar, Assoc Prof., delivered a talk as Resource Person in the FDP titled "Advances in Atmospheric chemistry and Physics" organized by the Shanthiram Engineering College, Nandyal, Kurnool, A.P., during 3-7 October 2020.

SPONSORED PROJECTS ONGOING/SUBMITTED:
SPONSORED PROJECTS ONGOING:

Project Title	Funding Agency	Cost	Period	Status
"Development of Ion Conducting Polymer Electrolyte using Thin film Nano Crystalline Composites for the Application towards Batteries" Dr G Sunita Sundari & Dr E HariKrishna	UGC-DAE	15 Lakhs	2 years (2021-2022)	Ongoing

Project Title	Funding Agency	Cost	Period	Status
DST-FIST Level-I File No: SR/ FST/2018/00035 Dr. NSMP Latha Devi (Project Coordinator) Dr. G.Sunita Sundari Dr. Mahamuda Shaik Dr. K. Swapna Dr. A.Venkateswara Rao	DST, Govt. of India, New Delhi	107 Lakhs	5 years (2019-2024)	Ongoing (Project Implementation Group Members)
Project Title	Funding Agency	Cost	Period	Status
Measurement and characterization of ambient aerosols and its vertical distribution over Andhra Pradesh Dr. K. Raghavendra Kumar, PI	DST-SERB Govt. of India, New Delhi	27.42 Lakhs	2 years (2021-2022)	Recently sanctioned (Oct 2020)

WEBINAR CONDUCTED BY THE DEPARTMENT:

1.Dr.K.Raghavendra Kumar and Dr.N.S.M.P.Latha Devi Organized a National webinar titled "Recent Perspectives on Environmental Pollution from Remote Sensing" on 27th Nov 2020.

Conference Conducted by the department:

The three day-International conference (03-12-2020 to 05-12-2020, IVCSAMEA-2020) on Smart Advanced Material Science is an interdisciplinary field of research that involves the Physics and Chemistry of solid materials, including theoretical and computational study. Chemist and Physicist play an important role in discovering new materials based on simple intuition arising from the knowledge of the structure and bonding by adopting ingenious systematic strategies. Measurement of various physical, chemical properties and their understanding will lead to an exciting development in the field of nanomaterials, magnetic materials, piezoelectric materials, ceramics, glasses, polymers, thin films, biomaterials, Energy Storage, Solar absorption and semiconductor materials using an Engineering application. Recently the availability of excellent structural characterization facilities has advanced our understanding of the structure-property relationship and thus enabled us to design the materials of interest. We assure that this conference will provide a platform to academicians, teachers and young researchers to engage in dialogue with distinguished scientists in the field and to know the latest advancement in the field of Smart Advanced Material Science through an online platform. It also aims at kindling interest in the minds of youthful students to pursue research as a higher career. It is called upon to widen the scope of interdisciplinary research among teachers and research scholars.

Conference met the Objective Business sector with individuals from and around the globe concentrated on finding out about Material science and Engineering. It is the best chance to achieve the biggest collection of members from all over the world. This material science conference in India will lead you to disperse data, meet with current, make a sprinkle with another product offering and get name acknowledgement at this occasion. Widely acclaimed speakers, the latest methods, strategies, and most up to date overhauls in Smart Advanced on Material science and Engineering Applications are signs of this meeting.

Outcomes: Conferences are a vital forum for academic researchers and business leaders. "It involves multiple presentations, interactive breakout sessions, hands-on product demonstrations, and unrivaled networking opportunities." We have invited some of the world's most sought-after keynote speakers, experts, brand ambassadors, and industry leaders to share their thoughts and ideas with our conference guests. Foreign country collaboration work will be doing our research laboratory utilizing speakers University.

Speakers

International: 06, National: 03

Total abstracts received = 1567

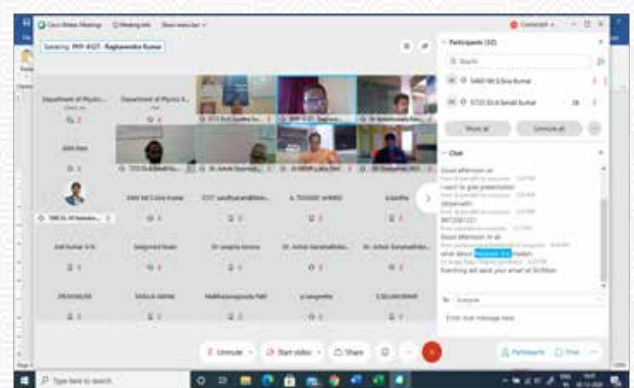
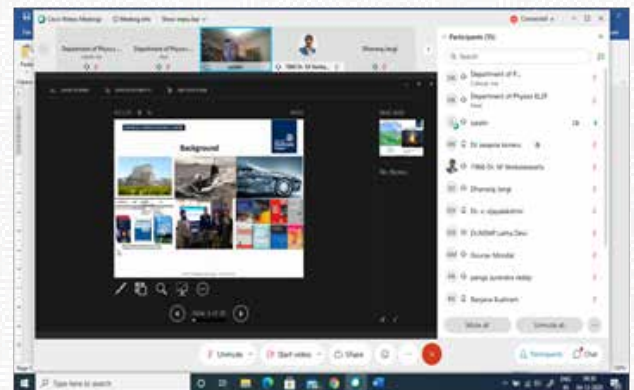
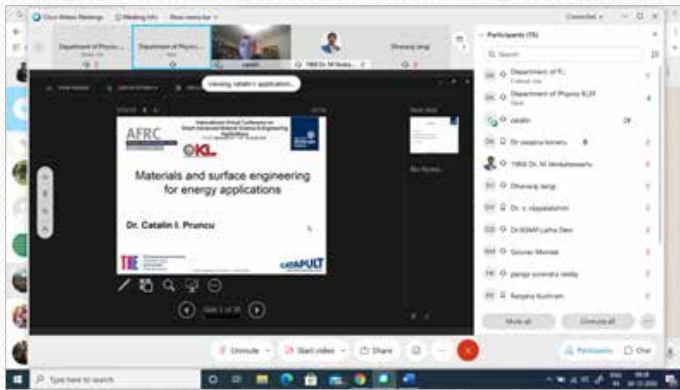
Other countries: 79 papers, IIT: 124papers, NIT: 97papers, Others: 172

Presentation papers = 370

Best awards: 37

International journal Free cost: 07 SCI and Scopus journals = 03.

Internal Chairperson = 12 members and External Chairperson = 36 members



IMPLEMENTATION OF THE DST FIST PROJECT

Department of Physics is very thankful to the Management and R&D Division for their continuous support.

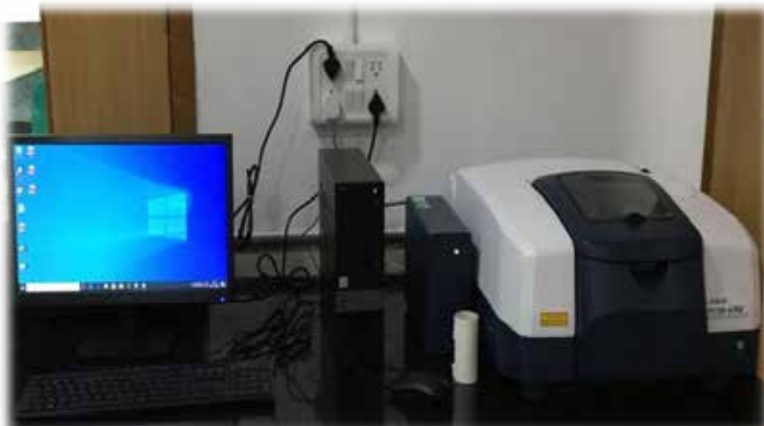
Dr.N.S.M.P.Latha Devi, Assoc. Professor & Project Coordinator, DST-FIST (Level – 1) happy to inform that under DST-FIST (Level 1) project established Emerging Materials Research Lab in Library block ground floor R.No. L 001.

Multifunctional XRD along with Air Compressor, Chiller and Desktop for Analysis.

XRD Instrument and its accessories

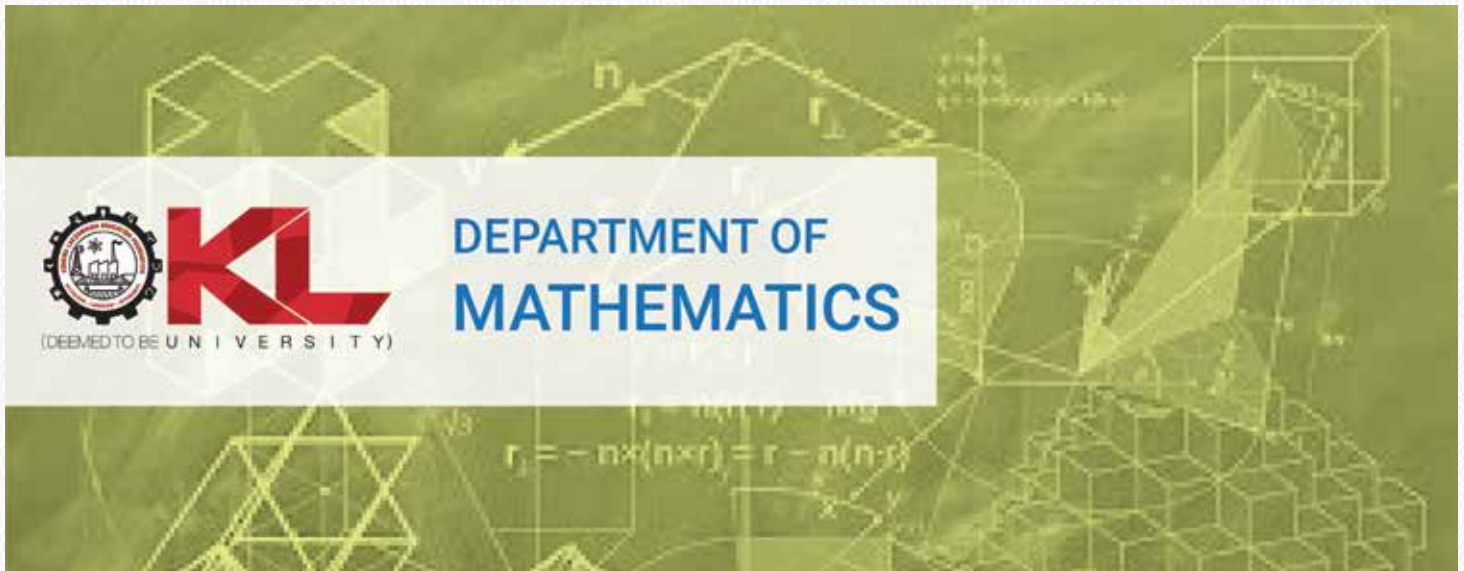


FT-IR Spectrometer along with Pellet Machine



**Established Lab for DST-FIST Level-I Project Equipment
(Inside-View & Front View)**

Both XRD and FTIR are in good working condition, samples are analyzing by using XRD and FTIR by the team of members Dr.N.S.M.P.Latha Devi, Dr.K.Swapna and Dr. SkMahamuda.



RESEARCH PUBLICATIONS

- K Rajyalakshmi'A Note on Second Order Rotatable Designs under Intra-Class Correlated Structure of Errors Using a Pair of Partially Balanced Incomplete Block Type Designs'Thailand statistician
- K Rajyalakshmi'New class of second order rotatable designs using balanced ternary designs'Journal of Mathematical and Computational Science
- K Rajyalakshmi'Analysis of Social Mobility of Selected Sectors in Hyderabad – A Statistical View'Solid State technology
- V.B.V.N. Prasad'SOME SPECIAL CHARACTERISTICS OF LATTICE ORDERED COMMUTATIVE LOOPS'Advances in Mathematics: Scientific Journal 9
- V.B.V.N. Prasad'EXPLORATORY APPROACH TOWARDS Q-FUZZY IDEALS'European Journal of Molecular & Clinical Medicine
- B. Mahaboob,V.B.V.N. Prasad,G. Balaji Prakash,B.V.Appa Rao,J.P. Praveen'On Mysterious Number 6174 ; Akaprekar Constant'European Journal of Molecular & Clinical Medicine
- B. Mahaboob,V.B.V.N. Prasad,G. Balaji Prakash,B.V.Appa Rao'On Sum Of Positive Integral Powers Of Natural Numbers'European Journal of Molecular & Clinical Medicine
- B. Mahaboob,V.B.V.N. Prasad,G. Balaji Prakash'Some Special Properties Of Ideals And Congruences In Lattice Ordered Commutative Loops'European Journal of Molecular & Clinical Medicine
- B. Mahaboob,V.B.V.N. Prasad'A Comparitive Study on Differentiation and Automorphisms of Algebras'European Journal of Molecular & Clinical Medicine
- Charankumar G , K. Rajyalakshmi,V.B.V.N.Prasad'An Analysis Of Optimum Process Parameters Using Fuzzy Logic And Regression Analysis'European Journal of Molecular & Clinical Medicine
- V.B.V.N.Prasad'Anti-Vague Deductive Systems Of Subtraction Algebras'European Journal of Molecular & Clinical Medicine
- V.B.V.N. Prasad'Generalization of sum of positive integral powers of natural numbers'European Journal of Molecular & Clinical Medicine
- N.Konda Reddy, S. Ragamayi'CORONA Virus Disease 2019(covid-19)(Epidemiological Perspective and its Challenges in India)'NOVYI MIR Research Journal
- P.Bindu'The Joule Heating Effect on MHD Natural Convective Fluid Flow In A Permeable Medium Over A Semi-Infinite Inclined Vertical Plate In The Presence Of The Chemical Reaction'IOP conf.series:Material Science and Engineering
- S. Vijay Prasad'A Precise Study on solving the Multi server Queuing model through Lpp By using Python Program'IOP conf.series:Material Science and Engineering
- S. Vijay Prasad'The sensitivity analysis of service and waiting costs of A multi server Queuing model'IOP conf. series:Material Science and Engineering
- P.Raja Kumari'Analysis of Mathematicalmodel of support vector Machine techniques for early prediction of Medical Diseases'International journal of pharmaceutical Rsearch
- P.Bindu'Radiation effect on MHD boundary layer flow due to an exponentially stretching sheet'Advances in Mathematics: Scienti c Journal
- K.Pushpalatha'Absorbance, Transmittance and optical energy band gap studies of TSP:NaNO₃ based polymer electrolyte'Solid State Technology
- Dr. S.V. Subrahmanyam'Thermohydrodynamic Lubrication Of Asymmetric Rollers By Bingham Plastic Fluid'Solid State Technology

- Dr. S. V. Subrahmanyam'Entropy Generation In Radiative Cross Fluid Flow Over A Slendering Stretching Sheet With Heat Source And Activation Energy'Solid State Technology
- Vedavathi Nallapati'Entropy analysis of magnetohydrodynamic nanofluid transport past an inverted cone: Buongiorno's model'Heat Transfer Asian Research
- T. S. RAO, CH. VASAVI, G. SURESH KUMAR, AND T. SRINIVASA RAO'ON THE γ -CONDITIONAL EXPONENTIAL ASYMPTOTIC STABILITY OF LINEAR MATRIX DIFFERENCE EQUATIONS'Advances in Mathematics: Scientific Journal
- K.Rajya Lakshmi, Charan Kumar G, K. Pushpalatha K'A Statistical analysis of perception of the people towards suicidal tendency'European Journal of Molecular & Clinical Medicine
- G. Venkata Ramana Reddy'Effect of cattaneo-christov heat flux analysis on heat and mass transport of casson nanoliquid past an accelerating penetrable plate with thermal radiation and sores-dufour mechanism'Heat Transfer
- G.venkata Ramana reddy'Analytical study of induced magnetic field and heat source on chemically radiative MHD convective flow from a vertical surface'Journal of Computational and Applied Research in Mechanical Engineering
- K.Pushpalatha'Hamiltoniani complete fuzzy cycles on complete fuzzy graphs'European journal of Molecular & Clinical Medicine
- G.Jaya Lalitha'COMPLETELY PRIME HYPERIDEALS OF TERNARY SEMIHYPERGROUPS'Discussiones Mathematicae General Algebra and Applications
- G. Suresh Kumar'FUZZY SOFT BI-IDEALS OVER TERNARY GAMMA SEMIRINGS'Advances in Mathematics: Scientific Journal
- G. CHARANKUMAR, B.V. APPA RAO'AN EMPIRICAL STUDY ON MODIFIED SECOND ORDER RESPONSE SURFACE AND TAGUCHI DESIGNS FOR OPTIMIZING THE PROCESS PARAMETERS'J. Math. Comput. Sci.
- D. RAMESH1, K. KONDALA RAO, R. DURGA PRASAD, N. SRIMANNARAYANA, AND B. SATYANARAYANA'TRANSLATIONS OF INTUITIONISTIC FUZZY SUBALGEBRAS IN BF-ALGEBRAS'Advances in Mathematics: Scientific Journal
- B.Srinivasa Kumar, G. Jaya Lalitha'U-Ternary semihypergroups and V-Ternary semihypergroups'Solid State Technology
- Ch. V. Ramana Murthy - (First Name)'THE CASE OF EXPONENTIALLY DECREASING SUCTION WITH MHD EFFECTS IN FLOW THROUGH A POROUS CHANNEL'International Journal of Advanced Research in Engineering and Technology (IJARET)
- 1D Sateeh Kumar, 2N.N.V.Sakuntala, 3W Sridher, 4V.Mallipriya'Reduction of CO₂ Emissions to Decelerate and Reverse Global Warming using Mathematical Model'Solid state technology
- Ch.V.RamanaMurthy-First author'FLOW PAST A VERTICAL POROUS SURFACE UNDER FLUCTUATING 8 THERMAL AND MASS DIFFUSION WITH MHD EFFECTS'Journal of Mathematical and Computational Science
- 1D. Sateesh Kumar, 2P Pardhasaradhi, 3N. Siddaiah, 4P. Syam Prasad'Design And Analysis of Alcohol Gas Sensors Using Nano Particles for Micro Heaters'Solid State Technology
- 1K.RaghavaRao*, 2D. Sateesh Kumar, 3Ch. Praveen Babu'Energy Efficiency analysis of LoRa and ZigBee protocols in Wireless Sensor Networks'Solid State Technology
- G.Jaya Lalitha, B. Srinivasa Kumar'Bi-Hyperideals in Ternary semigroups'Advances in Mathematics: Scientific Journal
- Nagesh, P. , Radha Madhavi, M. , Srinivasu, N. , Venkata Ramana, N.'Sustainable object-oriented approach for finding stereographic-projections of hexagonal p-groups'International Journal of Advanced Trends in Computer Science and Engineering
- Joshi, M. , Srimannarayana, N. , Chakradhara Rao, M.V. , Radha Madhavi, M. , Satyanarayana, B.'Bilateral relation for generalized hypergeometric function with sylvester polynomial'Advances in Mathematics: Scientific Journal
- T.SRINIVASARAO, Ch.VASAVI, G.SURESHKUMAR'INTERVAL INTEGRO DYNAMIC EQUATIONS ON TIME SCALES UNDER GENERALIZED HUKUHARA DELTA DERIVATIVE'ADVANCES IN MATHEMATICS: SCIENTIFIC JOURNAL
- V.B.V.N. Prasad'APPLICATION OF TRANSLATES OF VAGUE SETS ON SUSPECTED CASES OF CORONA VIRUS DISEASE-2019 (COVID-19)'International Journal of Advanced Research in Engineering and Technology
- T. S. Rao, Ch. Vasavi, G. Suresh Kumar, APPA RAO. B. V.'On the γ -Exponential Asymptotic stability of Non Linear Matrix Difference Equations'Solid State Technology

PATENTS/TECHNOLOGY TRANSFER :

1. Dr. V B V N Prasad, Professor, Patent Application has been published on 04/12/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.
2. Dr N Vedavathi, Associate Professor, Patent Application has been published on 30/10/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.
3. Dr. V S Bhagavan, Professor, Patent Application has been published on 23/10/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.

WORKSHOPS ORGANIZED

SI No	Name of Resource person	Topic Title	Conferences/Workshop/Orientation/Organization	Date
1	Dr S Yadavnedra Babu, Manager and Expert, Ford Motor company, Chennai	Advanced Statistical Methods and its Applications in Industry	National webinar on Advanced statistical methods and its applications in Indsutry	31-10-2020
2	Dr. Pradeep G. Siddheshwar Professor, Dept. of Mathematics CHRIST University, Bangalore Dr. Natesan Srinivasan Professor, Department of Mathematics Indian Institute of Technology, Guwahati Dr. Eshetu Haile Gorfie Professor, Dept. of Mathematics Bahir Dar University, Ethiopia Dr. Somesh Kumar Professor, Dept. of Mathematics IIT- Khargpur Dr. Emaran Kshoshrouye Ghiasi Professor, Dept. of Mechanical Engineering Islamic Azad University, Iran	ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS	Two Day National Conference on ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS (EMEA-2020)	03-12-2020 to 04- 12-2020
3	Inaugural Address & Key Note Speaker : Dr. K. JAYARAMI REDDY Chief Excutive Officer, Science City of Andhra Pradesh. Resource Person: Dr. M.S. SRIRAM M.Sc,Ph.D (IIT Kanpur), President of the Prof. K.V. Sarma Research Foundation, Chennai.	GANITOSTAVAM (MATHEMATICS DAY) on BIRTH ANNIVERSARY of Legendary Indian Mathematician SRI SRINIVASA RAMANUJAN	Guest lecture on Vedic Mathematics	22-12-2020

FACULTY ACHIEVEMENTS

S.No.	Year of award	Name of Faculty	Designation	Name of the award, Organisation
1	2020	Dr V S Bhagavan	Professor	Best paper award, international virtual conference on smart advanced material science and engineering applications, organized by department of Physics, KLEF held on 3-5 Dec, 2020
2	2020	Dr. D.Satish Kumar	Associate Professor	IRSD Preminent researcher Award, 5th international conference on interdisciplinary research for sustainable development in association with center for smart modern construction western Sydney university Australia and eakelt and Menchester, on 25-12-2020

PATENTS

1. Dr. V B V N Prasad, Professor, Patent Application has been published on 04/12/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.
2. Dr N Vedavathi, Associate Professor, Patent Application has been published on 30/10/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.
3. Dr. V S Bhagavan, Professor, Patent Application has been published on 23/10/2020 on the Government website of Indian Patent Office.- Department of Mathematics, KLEF.

MEDALS

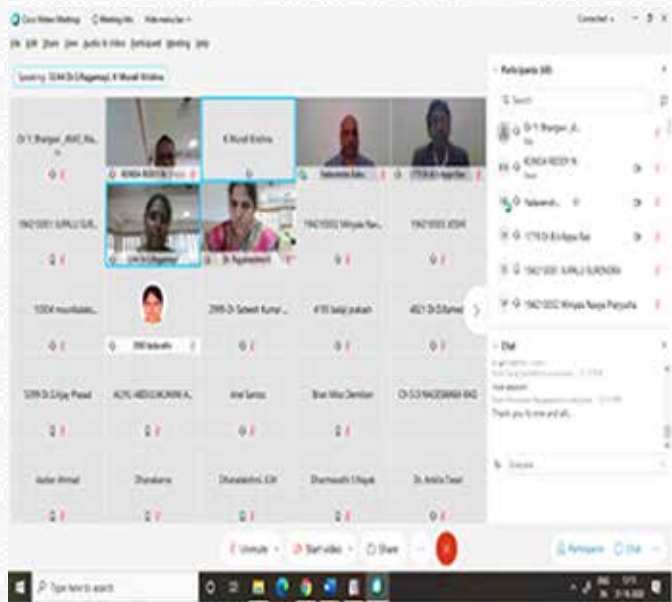
AKURATHI GAYATHRI, Student of MSc Applied Mathematics have received Gold Medal from KLEF.

ALLA SUSHMA, Student of MSc Applied Mathematics have received Silver Medal from KLEF.

WEBINARS GIVEN BY FACULTY:

SI No	Name of Resource person	Topic Title	Conferences/Workshop/ Orientation/ Organization	Date
1	Dr T Eswarlal, Associate Professor, Department of Mathematics, KLEF.	Srinivas Ramanujan's Birthday celebrations 2020	Government College, Rajahmundry, AP, INDida	22-12-2020

Organized National webinar on
**“ADVANCED STATISTICAL METHODS AND
 ITS APPLICATIONS IN INDUSTRY”**
 in the department of Mathematics, KLEF



Sl No	Name of Resource person	Topic Title	Conferences/Workshop/Orientation/ Organization	Date
1	Dr S Yadavendra Babu, Manager and Expert, Ford Motor company, Chennai.	Advanced Statistical Methods and its Applications in Industry	National webinar on Advanced statistical methods and its applications in Industry	31-10-2020

TWO DAY NATIONAL CONFERENCE ON ESSENCE OF MATHEMATICS AND ENGINEERING APPLICATIONS (EMEA-2020)

RESOURCE PERSONS

- Dr. Pradeep G. Siddheshwar** Professor, Dept. of Mathematics CHRIST University, Bangalore
- Dr. Natesan Srinivasan** Professor, Department of Mathematics Indian Institute of Technology, Guwahati
- Dr. Eshetu Haile Gorfie** Professor, Dept. of Mathematics Bahir Dar University, Ethiopia
- Dr. Somesh Kumar** Professor, Dept. of Mathematics IIT-Khargpur
- Dr. Emaran Kshoshrouye Ghiasi** Professor, Dept. of Mechanical Engineering Islamic Azad University, Iran





EVENTS ORGANIZED

BIRTH ANNIVERSARY of Legendary Indian Mathematician SRI SRINIVASA RAMANUJAN with the name of GANITOSTAVAM and arranged a guest lecture on Vedic mathematics.

Department of Mathematics, Koneru Lakshmaiah Education Foundation has conducted National Mathematics Day under extension activity in K L E F in association with NSS, K L E F on 22-12-2020. Dr. Jagadeesh, Director-FED, Dr. V. Krishna Reddy, Vice-Principal & Coordinator-FED, and Dr. B.V. Appa Rao, HOD- Mathematics, All faculty members of Mathematics Department, and NSS team, KLEF have participated in this program. An online quiz exam on Mathematics is conducted for Engineering and PG students. Live program telecasted to school students through <https://youtu.be/4sj87wHakxQ> and prizes are distributed to winners and details given below.

కేఎల్ యూలో జాతీయస్థాయి సదస్సు ప్రారంభం

తాడేపల్లి రూరల్: కేఎల్ యూ గణిత శాస్త్ర విభాగం ఆధ్వర్యంలో ఇంజినీరింగ్ అనువర్తనాలలో గణితం సారాంశం అనే అంశంపై జాతీయ స్థాయి కాన్ఫరెన్స్ బుధవారం ప్రారంభమైంది. ముఖ్యఅతిథిగా బెంగళూరు క్రైస్ట్ విశ్వవిద్యాలయం ప్రొఫెసర్ డాక్టర్ ప్రదీప్ జి.సిద్దేశ్వర్ వర్చువల్ విధానంలో హాజరయ్యారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ విద్యార్థి దశ నుంచే గణితశాస్త్రాన్ని నేర్చుకోవాలని సూచించారు. ముఖ్యంగా ఇంజినీరింగ్ విద్యార్థులు గణితం మీద మంచి పట్టుకలిగి ఉండాలని తెలిపారు. కచ్చితమైన ఫలితాలను అంచనా



ఆన్లైన్లో పాల్గొన్న క్రైస్ట్ విశ్వవిద్యాలయం ప్రొఫెసర్ సిద్దేశ్వర్ వేయడానికి గణితశాస్త్రానికి ప్రాముఖ్యం ఉందని పేర్కొన్నారు. కార్యక్రమంలో ఉపకులపతి డాక్టర్ ఎల్.ఎస్.ఎస్.రెడ్డి, రిజిస్ట్రార్ డాక్టర్ వై.వి.ఎస్.ఎస్.వి.ప్రసాదరావు, క్వాలిటీ అఫైర్స్ డీన్ డాక్టర్ కె.రామకృష్ణ, గణితశాస్త్రం విభాగాధిపతి డాక్టర్ బి.వి.అప్పారావు, అధ్యాపకులు పాల్గొన్నారు.

సాక్షి Thu, 03 December 2020
<https://epaper.sakshi.com/c/56762762>

The following faculty of Mathematics were acted as resource persons of different events organized by various institutes



Dr. T Eswarlal,
 Associate Professor, Department of Mathematics, KLEF
Srinivas Ramanujan's Birthday celebrations 2020
 Government College, Rajahmundry, AP, INDIDA
 22-12-2020

Dr G Suresh Kumar,
 Associate Professor, Department of Mathematics, KLEF
Session Chair
 international virtual conference on smart advanced material science and engineering applications, organized by department of Physics, KLEF held on 3-5 Dec, 2020
 4-12-2020 6-12-2020



1 student awarded with
Ph. D degree by the faculty of
Mathematics department, KLEF.

SI No	Name of Faculty (as Supervisor)	Name of Scholar	Date of Notification	University	Research Area
1	Dr N Konda Reddy and Dr M Raghavendra Sharma	K MURALI KRISHNA	December 2020	K L University	Applied Mathematics

FACULTY ACHIEVEMENTS

Dr K Pushpalatha and Dr N KondaReddy have published two books in different international journals.

AWARDS

S.No.	Year of award	Name of Faculty	Designation	Name of the award, Organisation
1	2020	Dr V S Bhagavan	Professor	Best paper award, international virtual conference on smart advanced material science and engineering applications, organized by department of Physics, KLEF held on 3-5 Dec, 2020
2	2020	Dr. D.Satish Kumar	Associte Professor	IRSD Premeinent researcher Award, 5th international conference on interdisciplinary research for sustainable development in association with center for smart modern construction western Sydney university Australia and eakelt and Menchester, on 25-12-2020



KL

(DEEMED TO BE UNIVERSITY)

DEPARTMENT OF COMMERCE

RESEARCH ACTIVITIES

01 Demographic Influence on Electronic Payments – A Study of Consumers in Hyderabad Dr.V.V.Madhav HOD of Commerce, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, International Journal of Grid and Distributed Computing.

02 Trends & Issues of Non-Performing Assets – An Overview of Banking Sector, Dr.S. Santha Kumari Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, International Journal of Management (ISSN Online No:0976-6510).

03 Cloud Computing Technology-A Digital Transformative solution for Banking Industry-An Overview, Dr.S. Santha Kumari Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, IOP Materials and Engineering.

04 Quality of Work Life and Job Satisfaction of Employees During Covid 19 With Reference to Colleges in Andhra Pradesh Dr.B.Balanagalakshmi Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, International Journal of Management (ISSN Online No:0976-6510).

05 Cloud Computing Technology-Security Issues in Banks- An Overview Dr.B.Balanagalakshmi Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, IOP Materials and Engineering.

GANDHI JAYANTHI CELEBRATED ON 2ND OCTOBER 2020



PARENTS MEETING



FACULTY ORIENTATION LECTURE, by Dr.G.Sumathi, Department of Psychology on 10/10/2020



FACULTY ONLINE ORIENTATION LECTURE on 26/11/2020



ONLINE FACULTY ORIENTATION LECTURE by Dr.T.Nageshwara Rao on 16/12/2020



DEPARTMENT ASSOCIATION ACTIVITY Online quiz conducted for students of I .B.Com - H on 31/11/2020



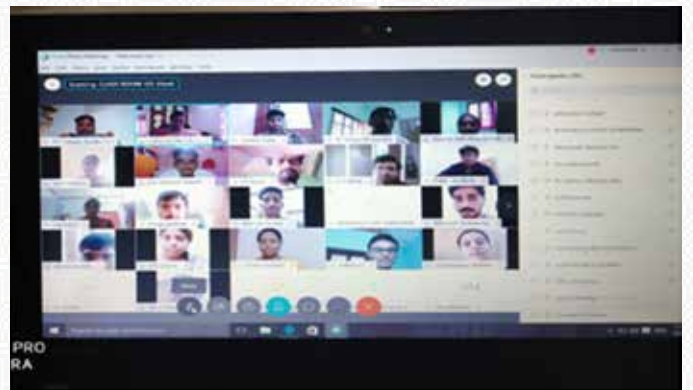
ONLINE GUEST LECTURE by Dr.G.Anjaneyulu on 19/12/2020 on "Career Guidance"



DEPARTMENT ADVISORY MEETING held on 14/12/2020



DEPARTMENT ASSOCIATION MEETING Online quiz Conducted for students of I B.Com – H on 11/12/2020



ONLINE GUEST LECTURE by O.Pavan on ACCA Issues on 15/12/2020



DEPARTMENT DEVELOPMENT COMMITTEE MEETING held on 17/12/2020





PATENTS

S.No	Name of the Inventors/Applicant Name	Title of the patent/Design	Patent Number
1	1.D V A Rama sastry 2.Anna Eswara Kumar 3.K V Ramana	LETTER PRINTER STAMP WITH MANUALLY Adjustable Type Faces	315561-001
2	1.K.V.Ramana 2.I.Rohith 3.M.Guru Gopinath 4.T.Sunil Kumar 5.K.Sarvan Kumar	A Portable wall scraper and dust collecting mechnaism	318601-001
3	G.Yedukondalu	Robot for Pick and Place Operation	318493-001
4	1.Anna Eswara Kumar 2.G.Murali 3.P.Phani Prasanthi 4.M V H Satish Kumar	Multi Knife Cutter	321344-001
5	1.Anna Eswara Kumar 2.T.SRINIVASAN 3.T.Eswara Rao	Two In One storage device	322245-001
6	1.Anna Eswara Kumar 2.P,Pruthvi Teja 3.T.Srinivasan 4.G.Deepak Kumar	Stretcher cum wheel chair	323437-001
7	1.Anna Eswara Kumar 2.K.Krishna Kireeti 3.Sk.Aasif 4.G.Shekar 5.S.Pavan Kumar 6.G.Deepak Kumar	Tyre for Vehicles	323495-001

8	1.G.Deepak Kumar 2.P.N.Sashank 3.P.M.Vardhan 4.K.Tapan 5.S.Md.Sarfaraaz 6.Anna Eswara Kumar	Fan Wing Cleaning Mechanism	323843-001
9	1.Anna Eswara Kumar 2.P.Pruthvi Teja 3.B.Raghava Rao 4.P.Phani Prasanthi	Multi Purpose Tool	327065-001
10	1.Anna Eswara Kumar 2.B V Dharmendra 3.B.Kiran Kumar 4.J.Leela Kishan	Multi Usable comb for reducing Dandruff	327761-001
11	1.Mr.A.Eswara Kumar 2.Dr.B.Nageswara Rao	Dilatation Device for Men Urethral Stricture	330964-001
12	1.H.Jeevan rao 2.Anna Eswara Kumar 3.T.Srinivasan 4.B V Dharmendra	An ergonomic chair with built in exhaust fans	331441-001
13	1.Dr.Anna Venkateswara Rao 2.Anna Eswara Kumar 3.H.Jeevan Rao	A DEVICE TO CLEAN FLOOR TILES	333168-001
14	1.Anna Eswara Kumar 2.B V Dharmendra 3.H.Jeeva Rao	COCOUNT PULP REMOVER	333169-001
15	1.Anna Eswara Kumar 2.H.Jeevan Rao 3.B.Kiran Kumar 4.P.Phani Prasanthi	ELECTRICALLY OPERATED SMUT CLEANING DEVICE	333171-001
16	1.Anna Eswara Kumar 2.H.Jeevan Rao 3.K.Siva Kishore Babu	ELECTRICALLY OPERATED MOP STICK	333172-001
17	1.Anna Eswara Kumar 2.H.Jeevan Rao 3.P.Venkateshwar Reddy	SEMI AUTOMATIC DISH WASHER	333174-001
18	1.Anna Eswara Kumar 2.H.Jeevan Rao 3.K.Siva Kishore Babu	HEIGHT ADJUSTABLE STAND TO HOLD TELEVISION	333175-001
19	1.Anna Eswara Kumar 2.H.Jeevan Rao 3.D.Mohana Krishnadu 4.Phani Prasanthi	PORTABLE UV SANITIZING DEVICE	333176-001
20	1.Karteek Navuri 2. B.Arun Babu 3.B.Kiran Kumar 4.M.Anitha Santhoshi	Chair with Foldable Plates	327816-001

21	1. Anna Eswara Kumar 2.P.Phani Prasanthi 3.S.Ramesh Kumar	Foot operated fluid desenser	329488-001
22	1. Anna Eswara Kumar 2.M.Harish 3.K.Siva Kishore Babu 4.J.Leela Kishan	Pneumatically controlled legs exercise machine	335084-001

FACULTY ACHIEVEMENTS

Dept.	Name of the Faculty	Details of Honours	By
1	Dr. S. S. Rao	Indian Record as "First Indian to made 9 Intellectual Property Rights in Just 21 Days" by Indian Book of Records on 01-09-2020	Indian Book of Records
2	Dr. S. S. Rao	Indian Excellency Award as "Person possessing a highly developed intellect" by Indian Book of Records on 08-09-2020	Indian Book of Records
3	Mr. A. Eswar Kumar	Indian Record as "First Indian To Register 10 Intellectual Property Rights In Just 24 Hours" by Indian Book of Records on 15-09-2020	Indian Book of Records
4	Mr. A. Eswar Kumar	World Records of Excellence as "Maximum Filing of Intellectual Property Rights in a short time" by International Book of Records on 25-09-2020	International Book of Records
5	Dr. A. Srinath	Best HOD of the year for 2019-20 by ISIE India during 2nd Annual Engineering Excellence Awards on 09-10-2020	Imperial Society of Innovative Engineers (ISIE) India
6	Dr. K. Ramakrishna	Dr. Sarvepalli Radhakrishnan Teacher's Excellence Award 2019 during Rashtriya Shikshak Samman Samaroh on 05-09-2020	Shikshak Kalyan Foundation and BSNL
7	Dr. B. Nageswara Rao	Top 2% scientist from India in respective areas of research under Material Field	Independent study done by Stanford University scientists

Designed and Fabricated "Grass shredder" which can shred Coconut tree stems and Leaves, done by ME Dept. Faculty Mr. S. Ramesh Kumar, Mr. P.S.N. Venkat, and Lab Technicians of Machine Shop Mr. Chandra sekhar and Mr. Krishna Rao. Actual Market price is Rs.1.36 lakhs, which was made with cost of Rs.45,000/- by using body and motors that were taken out from the condemned machine of FM lab (wind tunnel).

INDUSTRY LINKAGES AND ALLIED ACTIVITIES

Mr KRSR Krishna , CEO of NPCC India Ltd, visited Department of Mechanical Engineering on 6-11-2020 and assured to absorb nearly 10 Students as Intern cum Placement basis from Y17 Batch students with foreign job location in on shore and off shore projects.. He appreciated the departmental activities and strengths of the department based on the HoD Presentation. Dean Placements HoD of Civil and Electrical also participated in the discussion.

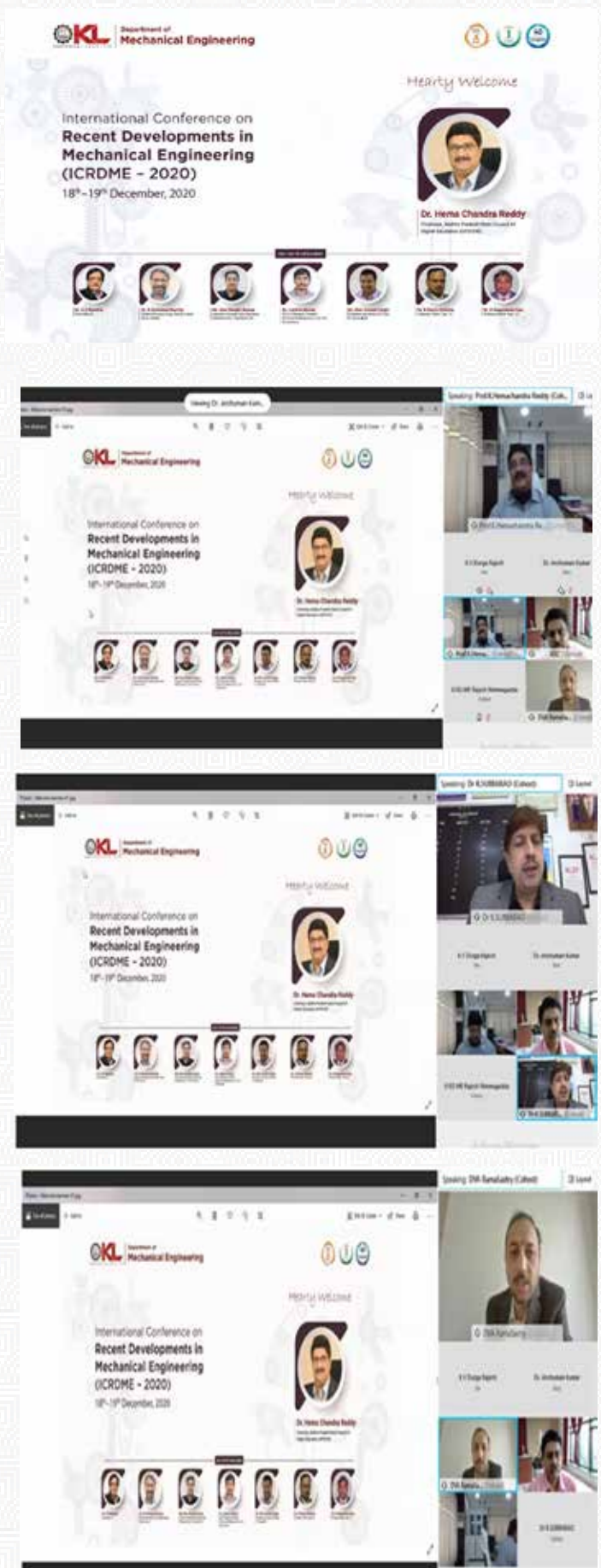


Sponsored Projects

Project titled "Design and Development of Table Top mobile Controlled CNC Multipurpose Machine Tool" has been sanctioned for Dr. S.S.Rao, Professor in ME under Meity TIDE 2.0 EIR/Grant Scheme worth 3.98 Lakhs with duration of 1 year.

Conferences

Two-day Virtual International Conference (ICRDME-2020) is organized by Department of Mechanical Engineering, KLEF during December 18-19, 2020 through online mode. A number of proven personalities from Industry, Research Organizations and Academic Institutions have given their consent to grace the conference to emphasize the benefits of Recent Trends in Mechanical Engineering for a wide variety of engineering applications.



PRO TALKS



KL Department of Mechanical Engineering

You're Invited to Join **Protalk**

Product Designer's Responsibility in Smart Manufacturing Scenario

FRIDAY | DEC 18 | 1:00 PM

Dr. B Srinivasa Murthy
General Manager
Engg. Design Centre Grupo Astos

webex joining Link :
<https://kluniversity.webex.com/kluniversity/j.php?MTID=m16c1603587a9f6b822f2568606421ea6>



KL Department of Mechanical Engineering

You're Invited to Join **Protalk**

Recent Trends in Manufacturing Industry
(challenges and opportunities for new engineers)

FRIDAY | DEC 18 | 2:10 PM

Mr. Ravi Ranjan Kumar
Assistant Manager, Manufacturing
(Maintenance), Continental AG

webex joining Link :
<https://kluniversity.webex.com/kluniversity/j.php?MTID=m16c1603587a9f6b822f2568606421ea6>

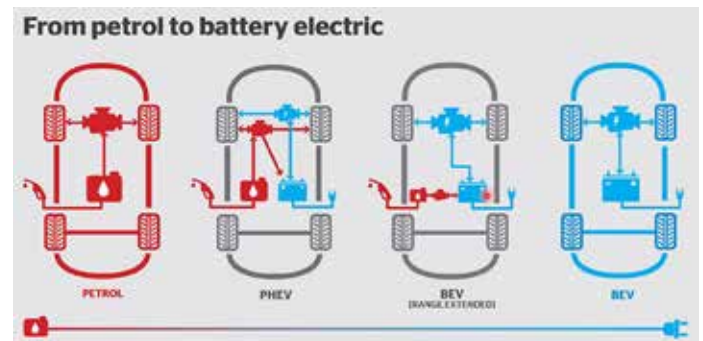


Autonomous Vehicle

An autonomous vehicle is a vehicle capable of sensing its environment and operating without any human involvement.

Benefits of Autonomous Vehicles

- Autonomous vehicles will tremendously improve the convenience and quality of life
- Elderly and physically challenged people would have independence
- Overall productivity and infrastructure utilization will increase




Electric Vehicle

Electric Powertrain Components

BATTERY
Stores energy to power the vehicle.

MOTOR
Converts electrical energy into mechanical energy to drive the wheels.

GEARBOX
Transmits power from the motor to the wheels.

INVERTER
Converts DC energy from the battery into AC energy for the motor.



KL

You're Invited to Join Webinar **FUTURE OF MOBILITY**

SATURDAY | OCT 03 | 10 AM

Mr Shankar Akella
General Manager at EV,
Emobility Solutions at Ashok Leyland

Joining Link [https://kluniversity.webex.com/](https://kluniversity.webex.com/Session ID : 1709247809 | Password : ProtalkIC123)

ALUMNI EVENTS

An Alumni meeting was conducted a part of SURABHI ALMA 2020 on 25th September 2020 virtually through webex. Alumni from various batches have joined and shared their experience and views. (Total 5 members) Mechanical Alumnies attended and All were thrilled to join virtually after 21 years and were over joyed to meet and share the old golden college days. One of the Mechanical prominent alumni Manidhar Devineni 1982-86 Founder & CEO at Novacom group has shared his experience with KLCE and given warmwishes Link: <https://www.youtube.com/watch?v=EyYdvwkrM-Y&feature=youtu.be>
Some Glimpses of Alumni Meeting



WEBINARS

Webex link: <https://kluniversity.webex.com/kluniversity/j.php?MTID=m777971bb54c36ad537feba2553849e9d>
Mechanical Engineering Department has conducted a "Webinar on air pollution and its impact on human life" awareness programme By Dr.K.V.Narasimha rao through webex online medium with all III/IV B.Tech Students and faculty members, the main moto of this program is to bring the awareness among the students to save their life's from harmful polluted gasses releasing from different industries and vehicles. Webinar speaker discussed different types of pollutions and given some solutions to avoid pollution by following some latest techniques, different methods also very clearly explained by speaker and all the participants thoroughly interacted with resource person and got clarifications on their queries.



NSS unit of Mechanical Engineering Department has conducted FOOD DONATION AT YUVATHARAM ORPHANAGE , Because of the pandemic situation we mechanical department faculty members came forward and contributed money for purchasing the groceries to the child orphanage home at vaddeswaram. On the hands of mechanical depart ment HOD Dr.A. Srinath sir we have donated tour dal, tamarind and oil tins to the yuvatharam child orphanage home in the presence of other mechanical faculty members on 16-10-2020. Orphan managers are conveyed their sincere thanks to Dr.srinath sir and all the faculty members who contributed money for donating required food items to the children.





FDPS , WORKSHOP ,WEBINARS

Organised by faculty of the Department of Civil Engineering:

Workshops

“DESIGN OF IRRIGATION CANAL SYSTEM (DICS-2020) ”

Department of Civil Engineering organised two day online workshop on “ Design of Irrigation Canal System (DICS-2020) ” on 30th and 31st October 2020. Sessions were convened by the eminent personal from various Govt Organizations.


“DESIGN OF IRRIGATION CANAL SYSTEM (DICS-2020) ”

Department of Civil Engineering organised two day online workshop on “ Design of Irrigation Canal System (DICS-2020) ” on 30th and 31st October 2020. Sessions were convened by the eminent personal from various Govt Organizations.

KL Department of Civil Engineering
Two Day Online National Workshop

Canal protection work- Stilling basin, Spillways

Mr. G. S. Sivakumar Reddy,
Executive Engineer
Govt. of Andhra Pradesh

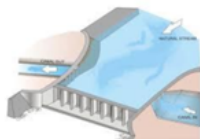


Date: 31 October 2020
Time: 09:30 AM

KL Department of Civil Engineering
Two Day Online National Workshop

Cross-drainage works- Aqueduct and Siphon

Mr. K. Srinivas
Chief Engineer, CDO
Govt. of Andhra Pradesh



Date: 31 October 2020
Time: 01:40 AM

KL Department of Civil Engineering
Two Day Online National Workshop

Canal and Its Applications

Mr. Vivek P. Kapadi, Director
Sardar Sarovar Narmada Nigam Ltd.
Govt of Gujarat, India



SARDAR SAROVAR (NARMADA) PROJECT



Date: 30 October 2020
Time: 09:30 AM

KL Department of Civil Engineering
Two Day Online National Workshop

Design concept of Cross drainage and Cross masonry structures

Mr. Gunakara Rao, Executive Engineer
Water Resources Department.
Govt of Andhra Pradesh, India




Date: 30 October 2020
Time: 11:15 AM

KL Department of Civil Engineering
Two Day Online National Workshop

Design of Irrigation Canal

Dr. I.S.N. Raju, Former Chief Engineer
Irrigation. Department
Govt. of Andhra Pradesh






Date: 30 October 2020
Time: 03:15 PM

KL Department of Civil Engineering
Two Day Online National Workshop

Computation of maximum flood in design of CD works

Dr. K. Venugopal, Director (Retd.)
Ground Water Department
Govt. of Andhra Pradesh

Date: 30 October 2020
Time: 11:15 AM

GUEST LECTURES

Mr. Abdul Rawoof, Manager, QA & QC Civil, L&T Construction presented the lecture on "Construction Industry, Growth Prospects and Post Covid-19 Situations" on 18th October, 2020. Lecture was attended by B.Tech and M.Tech students of the Department of Civil Engineering.

Department of Civil Engineering
Alumni Guest Lecture on
Construction Industry, Growth Prospects and Post Covid-19 Situations

Dr. Abdul Rawoof,
Manager,
QA & QC Civil
L&T Construction

Date: 18th October, 2020
Time: 02:00 PM – 04:00 PM

Link: <https://shorturl.at/qlR07>

Microsoft Teams

Dr. B. Kameswara Rao, Professor, Department of Civil Engineering, KLEF, A.P. India delivered the online lecture on "Damp Proof Course (DPC)" on 24th December, 2020. Lecture was attended by the M.Tech students of the Department of Civil Engineering.

EXPERT LECTURE
ON
DAMP PROOF COURSE (DPC)

Organized by
Department of Civil Engineering

24th December, 2020, 11:00 AM – 12:00 Noon
by
Dr. B. Kameswara Rao,
PROFESSOR, DEPARTMENT OF CIVIL ENGINEERING, KLEF.

In Association with
Civil Engineering Association (CEA)

LIVE
Microsoft Teams
shorturl.at/op0H4

Krishna Chaitanya Nagalla, Senior Executive – Strategic Consulting & Valuation, Hyderabad, Jll India., had delivered the online guest lecture on "Valuation and Urban Planning" on 28th November, 2020. Lecture was attended by M.Tech students of the Department of Civil Engineering.

ALUMNI GUEST LECTURE
ON
Valuation and Urban planning

Organized by
Department of Civil Engineering

28th November, 2020, 11:00 AM – 12:00 Noon
by
Er. KRISHNA CHAITANYA NAGALLA,
SENIOR EXECUTIVE - STRATEGIC CONSULTING & VALUATION, HYDERABAD, JLL INDIA.

In Association with
Civil Engineering Association (CEA)

LIVE
Microsoft Teams
shorturl.at/opAH3

P. Pramod, Assistant Engineer & Project Officer (CIVIL), School of Planning and Architecture, Vijayawada. delivered the online lecture on "Introduction to BIM (Building Information Modelling)" on 13th November, 2020. Lecture was attended by the M.Tech students of the Department of Civil Engineering.

A GUEST LECTURE (GL)
ON
Introduction to BIM (Building Information Modelling)

Organized by
Department of Civil Engineering

13th November, 2020, 11:00 AM – 12:00 Noon
by
Er. P. Pramod,
Assistant Engineer & Project Officer (CIVIL), School
of Planning and Architecture, Vijayawada.

In Association with
Civil Engineering Association (CEA)

LIVE
Microsoft Teams
link: shorturl.at/qlR07

MOU

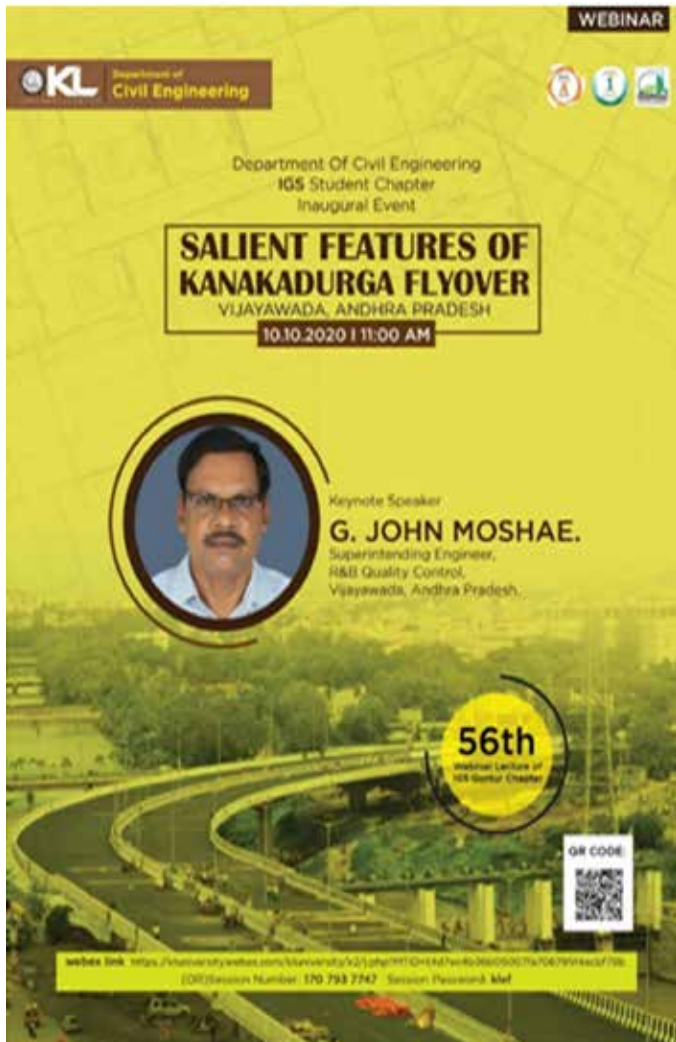
Signed by the Department of Civil Engineering, Lakshmi Infrastructure & Developers India Pvt Ltd (LIDIPL),



Department of Civil Engineering, KLEF signed an MoU with Lakshmi Infrastructure & Developers India Pvt Ltd (LIDIPL), on 28th October 2020 for sharing the knowledge in the highway/transportation sector. The MoU aims to strengthen industry-institution gap, and familiarize the students with the latest trends in Industry by offering Internships for B.Tech and M.Tech Students.

WEBINARS/EVENTS

Department of Civil Engineering established a Student Chapter of Indian Geotechnical Society (IGS) under IGS – Guntur Chapter on 10th October 2020



On this occasion John Moshae, Superintending Engineer, R&B Quality Control, Vijayawada had given online webinar on "Salient Features of Kanakadurga Flyover, Vijayawada, Andhra Pradesh". Webinar was attended by faculty and students of various institutions across the state.

FACULTY ACHIEVEMENTS:

- Ashwin Raut, Speaker, "Achieving Functional and Build Quality Through Sustainable Construction Practices-LCA Approach", Expert Webinar 10 October 2020 at Nagpur Institute of Technology.
- Syed Hamm Jeelani, Resource Person, "A case study from Lonar crater", Webinar 05 December 2020 at Prakriti Educational Services, Maharashtra.
- Lingeshwaran, Resource Person, "Management of CPM

& BIM – A Practical course with software tools and execution of buildings", Webinar 11 December 2020 at V.R.S College of Engineering & Technology.

- Lingeshwaran certified as a reviewer for Materials Today.
- Lingeshwaran, Assistant professor got "Indian Excellency Award" from Indian Book of Records.
- Lingeshwaran, got Lead Indian Award 2020 from Indian Book of Records.
- Lingeshwaran, Assistant professor got "Top 100 International Distinguished Researchers Award 2020"
- Anil Kumar, selected as "Co-ordinator of Academic + Industry Interaction Events" by Econstruct Design & Build Pvt Ltd.

FACULTY PUBLICATIONS

Siva Kishore, Ch. Mallika Chowdary, V. Ranga Rao

"Effect of Debonding on Stiffness and Long-term Creep of Sandwich panels", Materials Science and Engineering, December 2020.

Lingeshwaran N,

"Comparative analysis on asymmetrical structures subjected to seismic load", Material Today, November 2020.

Ashwin Narendra Raut,

"Investigation of newly developed copper slag incorporated foamed geopolymer and its conjugate heat transfer analysis", Materials Today: Proceedings, October 2020.

STUDENTS ACHIEVEMENTS /EXTERNAL PARTICIPATION

17 Students of IV/IV B.Tech were Selected for six month Internship program starting from December 2020 by LIDIPL and Team Bryks Ltd.

Mr. Aditya Krishna of III/IV B. Tech had secured I Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited.

Mr. Segu Sai Srinivas of III/IV B. Tech had secured II Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited

Mr. Kolli Manoradh of II/IV B. Tech had secured III Prize in Industry Ready Assessment Exam 2.0 conducted National wide by Protrainy Skilled Learning Private Limited

I am K. AKHIL REDDY of II/IV B.Tech Civil Engineering, of KL university. I would like to say about my college life so far. I would like to speak about friendship first, because till now in my life I am a very introvert person, and I would be so far from people and just stay calm. But faculty has tuned my mind and made me mingled with other students, this shows how importance faculty is giving to communication of students. That thing helped me a lot in my communication skills.

And coming to study, faculty tries to cover everyone's doubts who ever raises their hands. Which I liked very much that they are giving importance to everyone as well. If a student does not understand the topic either the topic is repeated, they keep on repeating until the student understands it. Literally there is an experience of mine which I want to tell you is, I didn't understand a subject which is tough for me no matter how many times they repeat it in webinar classes.

The faculty personally made a call to me and asked me to come to the campus if I am willing to come and listen that class offline. As everyone knows in this pandemic situation no one will risks their lives, but that faculty have just nailed that teaching me offline until I understand, that good and dedicated the faculty is.

And coming to other activities like workshops, even though the classes are conducted online, they have managed well to conduct the workshops online, and that made me very happy. And coming to sports, as everyone knows we can't play sports online, but at the first day I have visited the campus, I understood how importance sports, co-curricular activities are also important in a student's life.

And last but not the least, the view and surrounding the campus is in. in the entrance itself the nature starts showing up in the campus. Literally I have seen more trees than people in the campus that good the campus is. Whenever the student feels stress, he can just come, sit near the trees and just becomes cool and starts his work perfectly again.

And my conclusion is, this is not a university it is a home with life...





**DEPARTMENT OF
CREATIVE ARTS &
MEDIA STUDIES**

Department of Fine Arts have organised various events for the month of December, 2020. Online workshops, webinars and competitions are being the top of the charts for this month. Head of the Department Dr. Gomathi Gowda have appreciated all the efforts of the organizers, participants and faculty members in the Department for making them a grand success and announced the forthcoming event in the month of January 23, 2021 titled "6Th National Level Online Short Film Competition with a theme of the competition i.e., HOPE.

FARMERS DAY PAINTING COMPETITION

23 December, 2020 On the eve of Farmers Day, the Department of Fine Arts have organised an online Painting Competition with the students. Students from various departments and schools have participated in the event and have produced good works for display. Program officer Mr. Muppidi Rambabu have interacted with the students and monitored the event. Head of the Department, Dr. Gomathi Gowda have announced the winners of the competition and appreciated their works for reflecting a noble cause.



A student working on his painting for the competition

ALL INDIA ONLINE COMPETITION

Students of Department of Fine Arts have participated in an All India Online Competition on the eve of Christmas and New Year, organised by Bhargav Art Gallery. Ammi Gopi Chand, Ambati Lalasa, B Sai Raghavendra, B Koti Reddy, students from the Department have submitted good works for the competition. An entire activity is mentored and monitored by a faculty from the Fine Arts Department Mr. Muppidi Rambabu.



The work of Pammi Gopi Chand sent for competition



The work of B Koti Reddy sent for Competition



The work of
Ambati Lalasa
sent for Competition



The work of
B Koti Reddy
sent for Competition

The work of
Mr. Muppidi Rambabu
sent for competition





WEBINAR SERIES (INDUSTRY CONNECT)

In pursuit of Industry connect, KLEF College of Law is organizing webinar series, on various interdisciplinary topics of contemporary relevance, by the industry experts and academicians.

In this connection,

1) On 3rd of October 2020 at 03:00 pm to 04:30 p.m., Prof. Balakista Reddy, Registrar NALSAR University, Hyderabad deliberated on "Space Technology & Law: Contemporary Issues and Challenges".

2) On 10th October 2020 at 03:00 pm to 04:30 p.m., Dr. Narayana Raju, Secretary, Legislative Department, Ministry of Law delivered a guest lecture on "The Art of Legislative Drafting – Practice and Procedures", the most sought and unexplored area of making the Law.

3) On 17th of October 2020 from 03:00 p.m. to 04:30 p.m., Prof. K.V.S. Sarma, Vice-Chancellor, Maharashtra National Law University, Aurangabad detailed on "Consumer Rights in the Digital Era - Challenges and Developments".

4) On 31st October 2020 from 03:00 to 5 pm, Prof. M.K. BHANDARI, CEO-ILTES elaborated on "DIGITAL AND CRYPTO ASSETS - NEED FOR REGULATORY FRAMEWORK IN INDIA".

5) On 06th November 2020 from 03:00 to 4:30 pm, Mr. Rodney D Rider, Advocate, Supreme Court, Advisor - Ministry of Information Technology and Communication, Govt. of India and Founding Partner- Scriboard intricately on "CYBERCRIMES - TECHNOLOGICAL AND LEGAL CHALLENGES".

On 12th December 2020 from 03:00 to 4:30 pm, Hon'ble Shri Justice Sri U. Durga Prasad Rao Garu, Judge High Court of Andhra Pradesh expounded on "Role of a Lawyer in social Engineering".

EVENTS ORGANIZED



KL College of **LAW**

CONSUMER RIGHTS IN THE DIGITAL ERA CHALLENGES AND DEVELOPMENTS

17th
OCTOBER
2020
@ 3.00 PM

K.V. S. SARMA
VICE-CHANCELLOR
MAHARASHTRA NATIONAL LAW UNIVERSITY
AURANGABAD

REGISTER FOR FREE

[HTTPS://DOCS.GOOGLE.COM/FORMS/D/1X5ILX0ZJIVT-KIJV9HIFETKS4TFQQUWOL_PYSGCROC/EDIT](https://docs.google.com/forms/d/1X5ILX0ZJIVT-KIJV9HIFETKS4TFQQUWOL_PYSGCROC/EDIT)

Organized by
KL COLLEGE OF LAW, KL (Deemed to be University)

Principal Prof. N. RANGAIAH Professor	Head of the Department Dr. K.I. Pavan Kumar Assoc. Professor	Co-ordinator I. Madhu Sarma Asst. Professor	Moderator Surabhi Srivastava Asst. Professor
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KL College of **LAW**

DIGITAL AND CRYPTO ASSETS NEED FOR REGULATORY FRAMEWORK IN INDIA

31ST OCTOBER 2020 | 3.00 PM TO 4.30 PM

Prof. N. Rangaiah
Principal

Dr. K.I. Pavan Kumar
Head of the Department
Assoc Professor

I. Madhu Sarma
Co-ordinator
Asst. Professor

RESOURCE PERSON
Prof. M. K BHANDARI
CEO - ILTES - INDIA

Registration Link: https://docs.google.com/forms/d/e/1FAIpQLSdxtNhm-r_z1Ew_q1e7huSmeA1m56ogPTQ-wwfSN7HoHQ7Q/viewform

KL College of **LAW**

CYBER CRIMES TECHNOLOGICAL AND LEGAL CHALLENGES

06TH NOVEMBER 2020 | 3.00 PM TO 4.30 PM

Resource Person:
Rodney D Ryder,
Advisor, Ministry of Communications and Information Technology, Government of India & Founder Partner Scriboard

Prof. N. Rangaiah
Principal

Dr. K.I. Pavan Kumar
Head of the Department
Assoc. Professor

I. Madhu Sarma
Co-ordinator
Asst. Professor

Registration Link:
<https://docs.google.com/forms/d/e/1FAIpQLSfL3aiLhvbqvTJhnc-CDrv8KAFqhDqACHRUMQMzfelb3IXvA/viewform>

KL College of **LAW**

National Webinar on ROLE OF A LAWYER IN SOCIAL ENGINEERING

12th
DECEMBER
2020
@ 3.00 PM

Sri. Hon'ble Justice
U. DURGA PRASAD
Judge, High Court of A.P

REGISTER FOR FREE

Registration Link: <https://forms.gle/ZB5g1T8h57fku9r3A>

Organized by
KL COLLEGE OF LAW, KL (Deemed to be University)

Principal Prof. N. RANGAIAH Professor	Head of the Department Dr. K.I. Pavan Kumar Assoc. Professor	Co-ordinator I. Madhu Sarma Asst. Professor
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APPLICATION OF DATA ANALYTICS IN PHARMA, CHEMICAL AND OTHER LIFE SCIENCES RESEARCH

On 16th December 2020, K L College of Pharmacy, KLEF has organized an International Seminar (Virtual Mode) on the topic "Application of Data Analytics in Pharma, Chemical and Other Life Sciences Research" in association with Mybo Group. Speaker Dr. Mandar Bodas, Solution Consultant, Research Solutions - Life Sciences, is from ELSEVIER, Inc. who has vast experience in industrial research and won R&D Star Awards for 7 times in his industrial career. More than 600 delegates registered for the seminar across different universities, industries, and colleges.

During the first half of the session, he has nicely explained the basics, concepts, advanced applications of ELSEVIER Data Analytics Tools in current research with examples across the globe. During the second half, he gave demonstration of Elsevier database REAXYS and its features in research orientation which is very useful to the researchers in pharmacy, and other life sciences. The demo has also covered an overview of other tools like Pharmapendium, Chemtiva, QUOSA, and Embase with a case study. The sub-structure search, obtaining the various data such as Physicochemical, Pharmacodynamic and Pharmacokinetic properties from the databases by using the analytics tools are clearly expressed.

The event was chaired by: Dr. G. Chakravarthi, Principal, KLCP and Dr. K. Umasankar, Professor and RPAC, KLCP

Convener, Dr. GSN Koteswara Rao, Vice Principal, KLCP and Organizing secretary, Dr. A. Rajasekhar Reddy, Asst. Prof, KLCP have congratulated all the registered delegates and issued e-certificates to all.

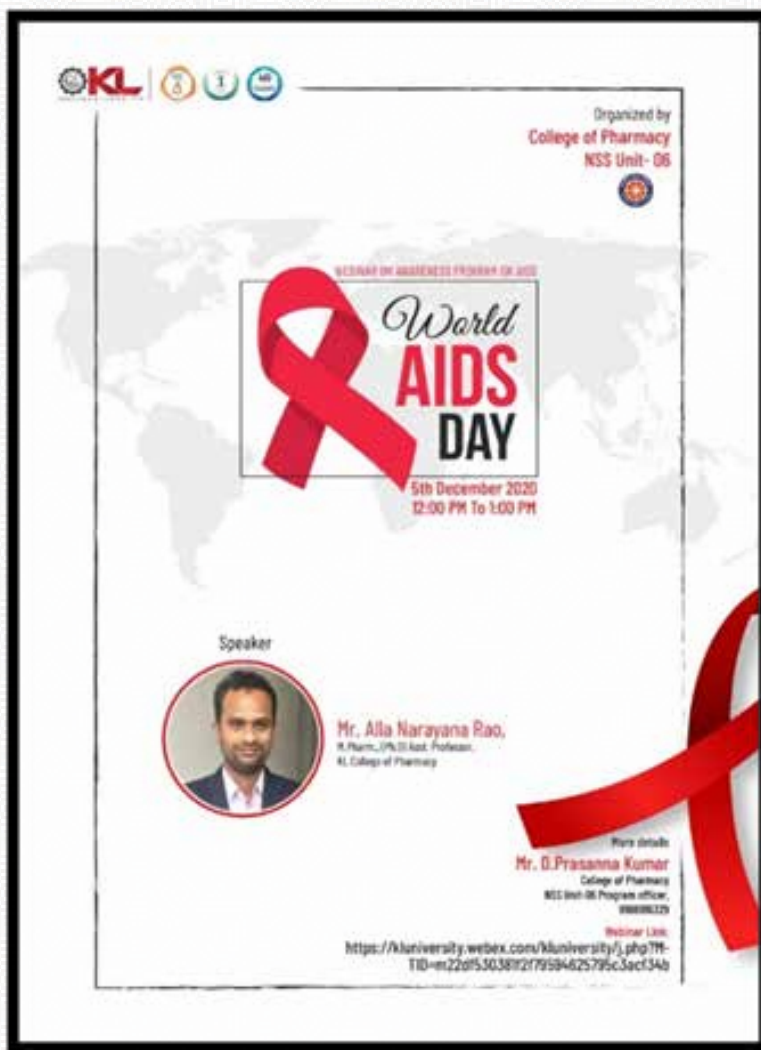
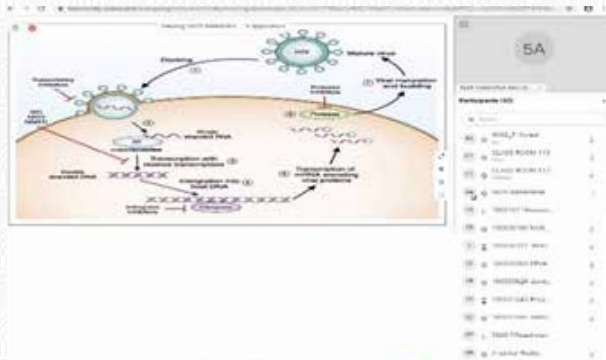


A WEBINAR ON "AWARENESS ON AIDS"

KL Deemed to be University (Koneru Lakshmaiah Educatio Foundation) College of Pharmacy Unit- 06 National Service Scheme (NSS) is conducted a online webinar on "Awanreness on AIDS" on 05-12-2020. The Scheduled time at 12.00 pm through Cisco Webex meeting application. The resource person has made students aware about that how HIV spreads. He also talked about the causes and symptoms of AIDS along with the preventive measures.

He have explained how the killer virus plays havoc with the immune system and takes the patients to the threshold of death. The positive sign was the student's including the NSS Volunteers concentration and eagerness towards the problems caused by AIDS by demonstrating placards in regard to stay safe from this deadly disease.

Total participants for this event were 43 members from the KLEF different branches and NSS Volunteers. Host of the webinar, Dr. M. Narendra, gave concluding speech and appealed the students to stay aware and spread awareness among people and lead a safe healthy life.



RESEARCH PAPERS PUBLISHED BY FACULTY

- Sarada Prasanna Mallick , Siva Prasad Panda , Abhinav Gayatri, Yashwanth Kunaal, Chitosan Oligosaccharide Based Hydrogel: an Insight into the Mechanical, Drug Delivery, and Antimicrobial Studies, Biointerface research applied in chemistry ,2020
- GSN Koteswara Rao, Uma Sankar Gorla, SARS-CoV-2: The Prominent Role of Non-structural protein, Indian Journal of Pharmaceutical Education and Research,2020

BOOK CHAPTERS PUBLISHED BY FACULTY INTERNATIONAL BOOK CHAPTERS

Dr. GSN Koteswara Rao has authored book chapters with international publishers like SPRINGER NATURE and ELSEVIER Inc.

1. Probiotics in Lung Cancer: An Emerging Field of Multifarious Potential and Opportunities – SPRINGER NATURE, 14-11-2020.

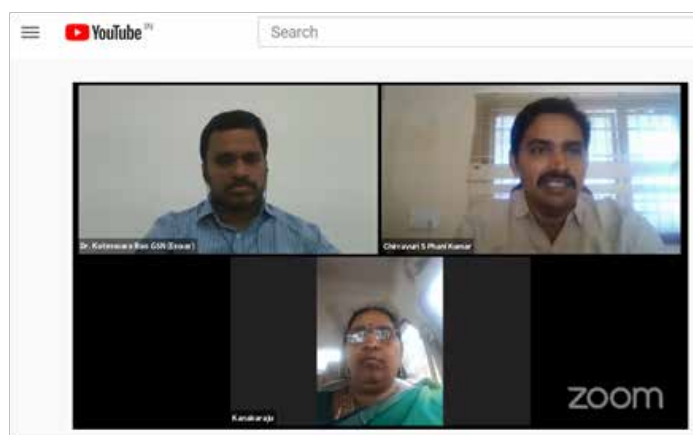
2. Fabrication and characterization of Polycaprolactone (PCL) based green materials for drug delivery – ELSEVIER Inc., 22-10-2020.

GUEST LECTURERS BY FACULTY

1. Dr. GSN Koteswara Rao, Vice Principal, K L College of Pharmacy, KLEF has delivered Guest Lecture on "Awareness on GPAT" at Dr. Samuel George Institute of Pharmaceutical Sciences, Markapur and Mother Theresa Institute of Pharmaceutical Sciences, Kurnool on 20th November 2020.



2. Dr. GSN Koteswara Rao, Vice Principal, K L College of Pharmacy, KLEF has delivered Guest Lecture regarding "Career Opportunities with higher education in Pharmacy" at Adarsa College of Pharmacy and Koringa College of Pharmacy on 9th December 2020.



3. Dr. GSN Koteswara Rao, Vice Principal, K L College of Pharmacy, KLEF has delivered Guest Lecture regarding "GPAT and its advantages" at VJ's College of Pharmacy on 31st December 2020.



FDP ATTENDED BY FACULTY

Dr. M. Narender attended 3day FDP program on Design and development of MOOCS Organized by Academic Staff College, Koneru Lakshmaiah Education Foundation.



FACULTY AWARDS

S.No	Name of the faculty	Name of the Awards/Recognitions/ Fellowships	Awarded by	Date
1	Dr DSN PRASANTH	CSIR -SUMMER RESEARCH TRAINING PROGRAM 2020	CSIR-NEIST,JORHAT	1/10/2020

LIST OF ACHIEVEMENTS

S.NO.	NAME OF THE STUDENT	ID NO	BRANCH	YEAR	EVENT	LEVEL	PLACE	DATE & VENUE
1	Bommini Mounika Akshaya	2000030131	CSE	I	Chess	International	I	International Online Blitze Chess Tournament Conducted by Chess Base, India on 31-10-2020
2	Sk.Sahil Ahmed	190570034	BA	II	Karate (Kata)	International	I	1st online KATA ,Kubudo International Karate championship held at VV.Puram,Near Railway Gate, Gowribidhanur karnataka on 25th Oct 2020.
3	D.Bala Chandra Prasad	194240001	MA English	II	Chess	International	VI	16th Maheshwaranand saraswathi Memorial online Blitz chess Tournament on 22-11-2020.
4	D.Bala Chandra Prasad	194240001	MA English	II	Chess	International	II	TORNEO INTERNATIONAL POR EQUIPOS MODALIDAD BLITZE VIRTUAL Tournament Conducted by Dominican Republic on 06-12-2020.
5	D.Bala Chandra Prasad	194240001	MA English	II	Chess	International	III	Queen's Club International Online Blitze LIBERATION CUP Chess Tournament Organized by Queens Chess and Cultural Club and Chezzcircle.com, India on 19-12-2020.

6	N Chanakya Choudary	170040134	ECE	IV	Football	National	Stylish Player of the Series Award	FIFA (Football) National Level Championship on 18-11-2020 and 19-11-2020. Organized by KL Deemed to be University in association with Elite Sports India.
7	Y.Seyi Swaththy	190031782	CSE	II	Chess	National	IV	Online National Chess Tournament Conducted by Chatura Chess Academy, Nellore on 06-12-2020.
8	Chavva Adhitya	190541025	BBA	II	Chess	National	IV	3rd Shark chess arena National level chess tournament organized by aniket gupta held on 28-12-2020
9	Bommini Mounika Akshaya	2000030131	CSE	I	Chess	District	I	Mokshith chess club District open chess championship organised by Mokshith chess club lichess.org held on 26-12-2020

YOGA SHAKTI

from 12th to 17th October 2020

Yoga Shakti programme to avoid corona and how to develop immunity power in our body through pranayama”organized by Department of Physical Education at Yoga hall from 3.30 to 5.00 PM from 12-10-2020 to 17-10-2020. We released a circular dated 03-10-2020 and provided link for online registrations. Total 38 members have registered through online. The programme was started formally by the introduction. Then the proceedings were handed over to Mr.Hari Pothuluri, Yoga Instructor. He taught Pranayama and meditation to all the participants in a wonderful manner, Total 65 faculty and staff have participated. Valedictory function was organized on 17th October 2020.

Dr. Subhakar Raju, chief guest, congratulated all the participants for their active participation and he explained about the importance of Pranayama in this pandemic and he distributed the prizes for the prize winners Dr.J.H.Kamalesh, HOD Department of Physical Education conveyed vote of thanks.

The prize winners are as follows

- 1st position-SV Reddy - 4000 -RO
- 2nd position-K.srinivasa Rao-4355-ECE
- 3rd Position-K.Sujatha -4455-DPE



ONLINE FIFA NATIONAL CHAMPIONSHIP

18th and 19th NOVEMBER 2020

Department of Physical Education of KLEF and Elite Sports India jointly organized first ever virtual FIFA (Football) National Level Championship on 18th and 19th November 2020. The KLEF Deemed to be University has an MOU with ESI since 2017. KLEF and ESI together organized South Zone, All India tournaments on KLEF campus and tournament was conducted virtually this year due to the COVID'19. In connection to the organized event, the Physical Education Department of KLEF released a circular on 6th November 2020 by providing registration link and other details and altogether 34 teams registered through the link from different colleges and universities. 'The FIFA Championship-2020' was organized on league cum knock out basis. Jeipomda FC, KFC, Manikantha FC and DEX FC teams reached semi-finals. Jeipomda FC beat KFC by 2-0 goals and DEX FC beat Manikantha FC by 2-1 goals and reached finals. DEX FC beat Jeipomda FC by 3-2 goals and become the winner of FIFA Championship -2020. N.Chanakya Chowdary Nalluri, a student of KLU, was awarded with 'the stylish player' of the series. Dr. KRS Prasad, Dean (Student Affairs) and Dr. K. Hari Kishore, Associate Dean (Sports and Games) thanked each and every team for their active participation and announced the prize winners. They also congratulated the Elite Sports India (ESI) for their support and cooperation in organizing the event successfully. The prize winners were awarded with cash prize, E-Certificate and ESI merchandise.

S.No	Name of the Player	University	Team Name	Position
1	Divyansh Chopra	Manipal University, Manipal	DEX FC	1st
2	Abhishek	SRM University, Chennai	Jeipomda FC	2nd
3	Ullash Raj	SRM University, Chennai	Mankatha FC	3rd
4	Chanakya Chowdary Nalluri	KLEF (Deemed to be University), Guntur	Souless Stars	Stylish Player of the Series Award

Online link to witness the match: <https://youtu.be/WRGLQaDH6g4>

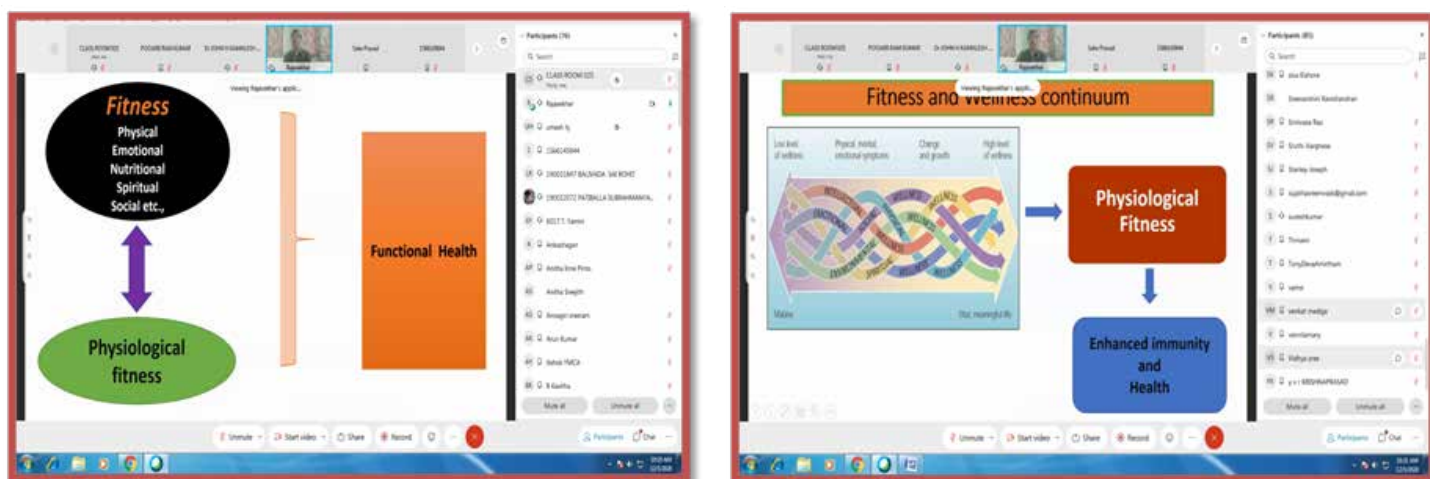


NATIONAL WEBINAR ON 05TH DECEMBER 2020

Department of Physical Education of Koneru Lakshmaiah Education Foundation (KLEF - Deemed to be University) organized a national webinar on "Fitness and Health" on 5th December 2020 and 450 participants across the country have registered and attended the webinar. The national webinar was conducted from 10:00 A.M. to 1:00 P.M and an introductory note by Dr. Harikishore Kakarla Associate Dean (Sports & Games). Dr. Hari Kishore explained about the various provisions and facilities provided by the KLEF and all the achievements the students of KLEF got so far. Further Dr. John H. Kamalesh, Head, Dept of Physical Education introduced the profile of the resource persons Dr. Rajasekhar Kali Venkata, an expert in Wellness and Sports Science Director of Physical Education and Sports from the University of Hyderabad, Telangana and Dr. D. Maniazhagu, Associate Professor, Dept. of Physical Education Health Sciences Alagappa University, Karaikudi Tamilnadu.

The national webinar was conducted in two sessions and the resource person Dr. Rajasekhar Kali Venkata delivered webinar talk on "Physical Fitness, Nutrition and other Lifestyle Factors on Immunity and Infections" in session -1 and Dr. D. Maniazhagu, Associate Professor, Dept. of Physical Education Health Sciences Alagappa University, Karaikudi Tamilnadu delivered his talk on "Physical and cognitive health past, present and future" in session -2. Further an interactive session is arranged and the participants interacted with the resource persons got their doubts clarified on health, fitness and immunity development in the light of COVID'19. Soon after receiving the feedback sheets, the participation certificates were distributed to all the participants.

As part of valedictory, Dr. K. R. S. Prasad, Dean (Students Affairs), Dr. Hari kishore Kakarla, Associate Dean (Sports & Games) conveyed their thanks and warm regards to the resource persons for sparing their valuable time and delivering wonderful talks on Fitness and Health and thanked all the participants for attending the national webinar with ease and enthusiasm and Dr. K. Sujatha Asst. Physical Director offered the vote of thanks.



INTRAMURALS FOR FACULTY AND STAFF (MEN and WOMEN)

14th to 19th DECEMBER 2020

The Department of Physical Education KLEF (Deemed to be University) organized intramurals for all the Faculty and Staff (Men and Women) for their active and keen participation in the sports and games. The Intramural sports program offers opportunities for the Faculty and Staff to participate in a various Physical activity. The program is designed in a well manner that promotes safety (social distancing norms followed), Fairness and equal opportunity for all the participants. The objective of the intramurals is to provide opportunities, sportsmen spirit and recreation to all individuals. KLEF released a circular on 02-12-2020 and provide the registrations from 03-12-2020 to 10-12-2020. The match schedules displayed in the notice board on 11-12-2020. Intramurals schedule started from 14-12-2020 to 19-12-2020 at 3:00pm to 5:00pm. The following sports and games conducted.

INTRAMURALS FOR FACULTY AND STAFF (MEN AND WOMEN) PARTICIPATION:

Men				
S.No	Event	Faculty	Staff	Total
1	100 Mts (Men)	3	6	9
2	400 Mts	-	6	6
3	1.5 KM Walking (up to 40 Years)	3	6	9
4	800 Mts Walking(41 to 54 Years)	-	7	7
5	400 Mts Walking (Above 50 Years)	-	4	4
6	Shot put	4	4	8
7	Discus Throw	3	4	7
8	Badminton (Men) Singles	16	3	19
	Total	29	40	69
Women				
S.No	Event	Faculty	Staff	Total
1	100 Mts (Women)	5	6	11
2	1.00 KM Walking (up to 40 Years)	7	6	13
3	400 Mts Walking(41 to 54 Years)	1	3	4
4	Shot put	6	7	13
5	Ball Throw	6	9	15
6	Badminton (Women) Singles	3	5	8
	Total	28	36	64





INTERNATIONAL ONLINE OPEN BLITZ CHESS TOURNAMENT ON 27TH DECEMBER 2020.

Department of Physical Education of KLEF and Andhra Pradesh Chess Association (APCA) jointly organized first ever virtual International Online Open Blitz Chess Tournament 2020 on 27th December 2020. In connection to the organized event, the Physical Education Department of KLEF released a circular on 17th December 2020 by providing registration link and other details. Altogether 2000 players registered through the link from all over the globe. The International Chess Tournament -2020 was organized on 27th December 2020 by 2.30pm on Swiss league basis. The tournament was organized through lichess.com for 11 rounds among these 2000 participants 08 Grand Masters, 13 International masters, and 25 Fide Masters have participated. The players are from Argentina, Armenia, Croatia, Chile, Cuba, Georgia, Israel, Italy, Iran, Indonesia, Pakistan, Peru, Tajikistan, Turkey, Russia, Ukraine, Venezuela, Yemen and Zimbabwe has participated in this tournament.

The Prizes are as follows:

1st Place -8000/-, 2nd Place-4000/-, 3rd Place-1000/-, 4th Place-800/-, 5th Place-700/-, 6 to 10 Places-500/-, 11 to 20 Places -300/- Total cash award Rs.20,000/-.

The Prize winners are:

SL NO	Name	Country	Place
1	Gustavo German	Argentina	1st Place
2	Shankar Reddy	Guntur, AP.India	2nd Place
3	Behtash Salimifard	Iran	3rd Place

lichess.org PLAY LEARN WATCH COMMUNITY TOOLS

3+2 • Blitz • Rated
11/11 rounds • Solved
30 seconds between rounds

Anitha Pradesh Chess Association
Dec 27, 2020, 2:30 PM

KLU University Open Tournament

clubchessmaster1

Points: 10
Tie Break: 70.5
Performance: 2509

Tournament complete

Average rating: 1707
Games played: 5,671
White wins: 24%
Black wins: 25%
Draws: 2%
byes: 0%
absences: 47%

1	clubchessmaster1	10	70.5
2	Tokyo	10	69
3	Indian_prodigy2004	10	66.5
4	TellTras	10	65
5	GM Gevorg_Harutya	10	61
6	vishvhou	9.5	61.5
7	Riq	9.5	59
8	FM All_rastbod	9.5	54.75
9	GM Iyagaska_Ivakul	9.5	52
10	IM Zubov	9	67.5

MEDIA COVERAGE

కేఎల్ యూలో ఆన్ లైన్ ఓపెన్ టెస్ట్ పోటీలు



గోడ పత్రికను ఆవిష్కరిస్తున్న డాక్టర్ ఎల్ ఎస్ ఎస్ రెడ్డి, అడ్వ్లజర్ డాక్టర్ హబూబుల్లా ఖాన్, విద్యార్థి విభాగ సంక్షేమ అధిపతి కేఆర్ ఎస్ ప్రసాద్, వ్యాయామ విభాగాధిపతి డాక్టర్ జాన్ కమలేష్

తాడేపల్లి, డిసెంబర్ 19(వ్రభ న్యూస్) : మండల పరిధిలోని వడ్డేశ్వరం కేఎల్ విశ్వవిద్యాలయం వ్యాయామ విభాగం ఆంధ్రప్రదేశ్ అసోసియేషన్ ఆధ్వర్యంలో డిసెంబర్ 27వ తేదీ నుంచి అంతర్జాతీయ ఆన్ లైన్ ఓపెన్ టెస్ట్ పోటీలు నిర్వహిస్తున్నట్లు అసోసియేషన్ డీన్ డాక్టర్ హరికిషోర్ ఒక ప్రకటనలో తెలిపారు. ఈ పోటీలకు సంబంధించిన గోడపత్రిక శనివారం లాంఛనంగా ఆవిష్కరించారు. పోటీలలో దేశవిదేశాల నుంచి పాల్గొంటున్నారని గెలుపొందే క్రీడాకారులకు రూ.20 వేల నగదు బహుమతులు ఉంటాయని వెల్లడించారు. ఈ కార్యక్రమంలో ఉపకులపతి డాక్టర్ ఎల్ ఎస్ ఎస్ రెడ్డి అడ్వ్లజర్ డాక్టర్ హబీబుల్లాఖాన్ విద్యార్థి విభాగ సంక్షేమ అధిపతి డీన్ డాక్టర్ కె ఆర్ ఎస్ ప్రసాద్, వ్యాయామ విభాగాధిపతి డాక్టర్ జాన్ కమలేష్ పాల్గొన్నారు.

Series of Webinars Conducted at KLH Business School (KLHBS), Hyderabad

The KLH Business School (KLHBS), Hyderabad, India's premier B-School that always believes in imparting high quality management education to the society at affordable cost. KLHBS leaves no stone unturned in helping academic and research community in learning contemporary knowledge and skills and constantly contribute significantly to the existing body of knowledge.

In the month of December 2020, under the visionary leadership of its Principal, Dr. Kunal Gaurav, KLHBS conducted series of webinars for the benefit of faculty members, corporate professionals and research scholars.

The various webinars was intended to offer a virtual forum for intellectual discussions on various contemporary themes. A total of 8 webinars and workshops were organized within a span of one month. This unique initiative received huge responses and participation from hundreds of faculty members, researchers and industry experts across the globe.

S. No.	Title of the Webinar	Date	Convener	Number Participants Attended	Resource Person
1	Quality Management Systems in Industries	December 5, 2020	Dr T. Kiran Kumar, Assoc. Prof.	85	Dr. K Nageshwar Rao, DGM, Hindustan Sanitaryware & Industries Ltd, Hyderabad
2	Time Series Analysis Using R	December 16, 2020	Dr Ch. Shankar, Assoc. Prof.	45	Dr. A Srikanth, Assistant Professor, KLUBS, Vijayawada
3	Higher Education System in Covid-19	December 18, 2020	Dr T. Kiran Kumar, Assoc. Prof.	70	Prof. (Dr.) Roselina, Dean for Faculty of Entrepreneurship and Business, Universiti Malaysia Kelantan, Malaysia.
4	Basics of Python for Data Sciences	December 19, 2020	Dr Mohammad Musthaq Khan, Asst. Prof.	70	Mr. Rajat Sarker, Assistant Manager, GE, Hyderabad
5	E-workshop on Structural Equation Modelling (SEM) using AMOS	December 22, 2020	Dr Ramulu Bhukya, Asst. Prof.	85	Dr. Ramulu Bhukya, Assistant Professor, KLHBS, Hyderabad
6	Recent Trends in Marketing	December 22, 2020	Dr E. Deepa, Asst. Prof.	50	Prof. V. K. Mohan, Registrar, Andhra University, Visakhapatnam
7	Scale Development in Social Science Research	December 26, 2020	Dr Fiaz Ahmad, Asst. Prof.	60	Dr. Ch. Nagapavan, Assistant Professor, Central University of Jharkhand, Ranchi
8	AI & ML for Sustainable Development	December 30, 2020	Dr M. Geeta, Assoc. Prof	50	Dr. C. R. Rao, Sr. Professor, School of CIS, University of Hyderabad, Hyderabad

