

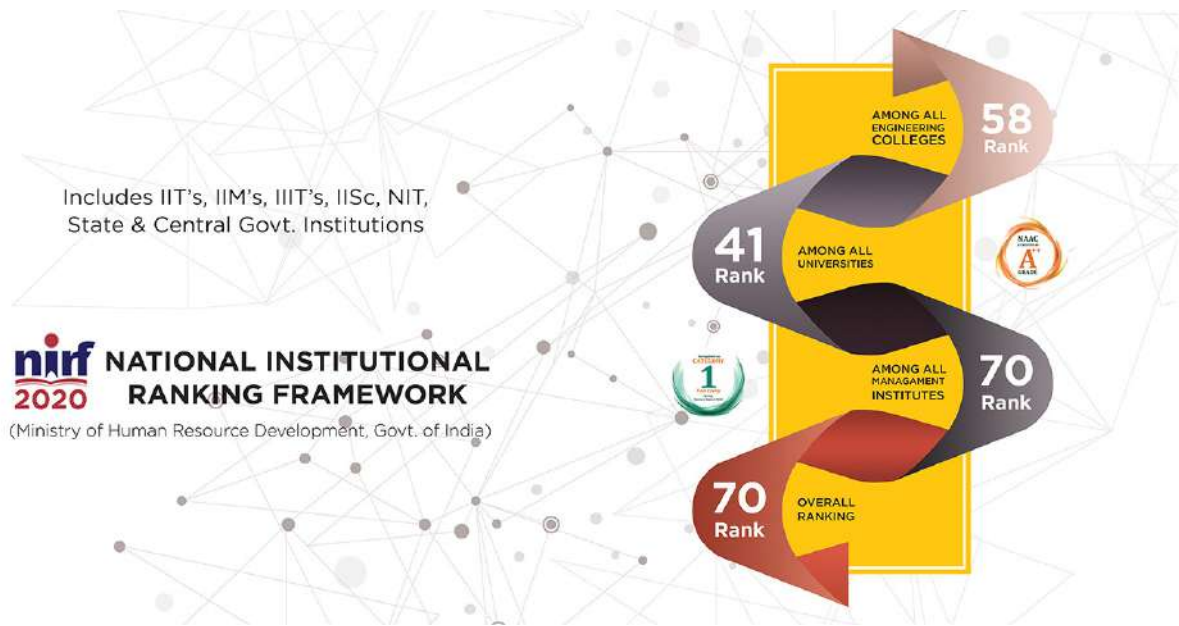


# KL PANORAMA

VOLUME 12 | ISSUE 2 | OCTOBER 2020



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# KL PANORAMA

VOLUME 12

ISSUE 2

October 2020

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*The Newsletter is published by publishing division of KL University on behalf of Management of KL University.*

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## PRESIDENT'S MESSAGE



President  
**Er. Koneru Satyanarayana**

### **Dear Reader,**

Welcome to the October issue of K L Panorama, the K L Newsletter. Even as the pandemic caught everyone off guard, our university rose gamely to the challenge. The mode of education shifted online, and, in the process, we had navigated the challenges and discovered the opportunities that opened up, for the present and the future. The concept of education changed overnight and in these times of crisis, digital learning has emerged as an indispensable resource for education. Digital technology is providing all sorts of remote learning opportunities for students across the globe and enabling teachers to create intriguing (virtual) experiences.

I want to congratulate our students, parents and teachers on a successful 1st Quarter. It was quite the different start for us with various learning formats, new technologies and new procedures for everyone. I am truly amazed at how well everyone adapted and I am hopeful that we will return to normalcy in the near future. When Traditional teaching methods and modern online teaching is blended correctly then a new and more interesting teaching-learning process can be created in the future. The post-Covid-19 world will require every organization to transform digitally. This was already happening but the pace will only increase exponentially. With technologists and industry people participation through

online platforms, the gap between engineering education and the industry standards can be greatly addressed. The national education policy will definitely help in creating a great ecosystem in the country. At KL we focus on how the curriculum can be developed, updated to global standards, and importantly how do we update the teachers to deliver the goods. It will be a lifestyle change for everyone to learn through online platforms after the pandemic is over.

This issue of newsletter covers the events including Surabhi, Series of guest lectures, webinars workshops, training programs and sports related activities. Experts from academic and corporate sectors shared their experiences with the students and faculty members via online mode. The achievement by our faculty members in the form of research publications, patents and awards are also recorded in this issue.

We look forward to your comments and suggestions. 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!

**- Er. Koneru Satyanarayana**  
President - KLEF



# Surabhi-20

## Surabhi -2020

SURABHI -2020 is India's largest cultural fest launched by KL University with the theme of Ek Bharat Shresht Bharat. This is the (number) edition of the national level cultural fest, which is the most awaited event of the year. Surabhi has a widespread publicity campaign through which colleges across the country are being reached, through the assistance of the team SURABHI. The previous version of Surabhi has been a mind-boggling success with (count)+ participants spread over various colleges and have been the most happening event. During this pandemic time TEAM SURABHI came up with an online version of this edition. The main idea of the event is to spread and give knowledge about various cultures throughout India. The event has happened across 3 days from 4th September to 6th September 2020.

Surabhi consists of over various speaking events, literary events, Dance events, Dramatics, Music events, Quizzes, Arts & Crafts, Fashion & Life style, and Surabhi Specials with a total of 32 events. We have the total of 21k+ registrations, with participation of students in all the events from various colleges from all over India. The three-day had many exhilarating events where eminent drummers, renowned kathakali dancers, prominent puppetry artists, distinguished folk dancers came together on one digital platform to perform

### THEME:

The main theme of the fest is **"EK BHARATH SRESHT BHARATH"**.

The Ek Bharat Shrestha Bharat programme, aims to actively enhance interaction between people of diverse cultures living in different States and UTs in India, with the objective of promoting greater mutual understanding amongst them. As per the programme, each year, every

State/UT would be paired with another State/UT in India for reciprocal interaction between the people. It is envisaged through this exchange, that the knowledge of the language, culture, traditions and practices of different states will lead to an enhanced understanding and bonding between one another, thereby strengthening the unity and integrity of India.

The program details for the main days are as follows:

- Inauguration of Surabhi on 4th September 2020 at 6:00 PM.
- Start of various events on different channels in zoom
- Surabhi for Alumni organized on Sept 19th & 20, Surabhi-ALMA

Distinguished guests for Surabhi-ALMA were:

- Er. K. Satyanarayana, President, KLEF
- Smt. K. Kanchana, Secretary, KLEF
- Er. K. L. Havish, Vice President, KLEF
- Er. K. Raja Harin, Vice President, KLEF
- Dr. S.S. Mantha, Chancellor, KLEF
- Dr. L. S. S. Reddy, Vice Chancellor, KLEF
- Mr. Vinoz Chanumolu, INDSOFT, CEO
- Mr. B. Parameswara Rao, CEO, Sirius solar energy system
- Mr. Rajendra Tunuguntla, Vice President, Tech Era IT Consulting
- Mr. Devineni Manidhar, CEO, Novacom
- Mr. Sai Satish, CEO, Indian Servers
- Dr. Habibulla Khan, Chairman, Surabhi – 2020
- Dr. M. Suman, Convener, Surabhi - 2020
- Dr. PVRD Prasada Rao, Co Convener-2020

Soon after lighting of the lamp and a beautiful prayer song playing in the background. After this student anchors welcomed the dignitaries on to the dais. Then opening speech by our alumni and Associate Dean Dr PVRD Prasada Rao gave warm and motivating words and proceedings started.

SPEAKING EVENTS	
Debate	1007
Floor Crossing	340
Fourth Estate	243
Mock Parliament-{ SURABHI SABHA}	462
MODEL UNITED NATIONS- { SURABHI SAMITHI}	321
LITERARY EVENTS	
CREATIVE WRITING	1490
CAPTION WRITING	832
DANCE EVENTS	
FREE STYLE DANCE { SOLO}	593
CALSSICAL DANCE {SOLO}	367
FOLK DANCE { SOLO}	283
DRAMATICS {THESPIAN} EVENTS	
MIME	204
MONOACTION	355
DUOLOGUE/TRIOLOGUE- ROLE PLAY	337
CHANDAMAMA / AMAR CHITRA KATHA STORY TELLING	392
MUSIC EVENTS	
SOLO VOCAL	814
SOLO INSTRUMENTAL { GUITAR, KEY BOARD, VIOLIN, FLUTE, DRUMS }	265
QUIZZES	
INDIA QUIZ	2020
ENVIRONMENT QUIZ	1902
SPENT { SPORTS & ENTERTAINMENT } QUIZ	1988
ARTS & CRAFTS	
PAINTING/ PENCILA SKETCHING- THEMATIC	1410
CARTOONING	443
CLAY MODELLING/ SAND SCULPTING	297
CRAFT MAKING { PAPER, CARDBOARD, VEGETABLE CARVING }	582
RANGOLI	372
EMBROIDERY	133
FASHION & LIFESTYLE	
TRADITIONAL FASHION SHOW- MULTI ROUNDS	807
SURABHI SPECIALS	
MR & MISS SURABHI- PERSONALITY CONTEST- INTER PERSONAL SKILLS	505
STONES SPEAK- NARRATING THE HISTORY of Prominent Heritage Sites	280

GIF OR VEDIO MAKING	270
PHOTOGRAPHY	667
FLIM MAKING , SHORT FLIMS /DOCUMENTRY	204
GAMING	964
Total	21149

## Speaking Events:



## Quizzes

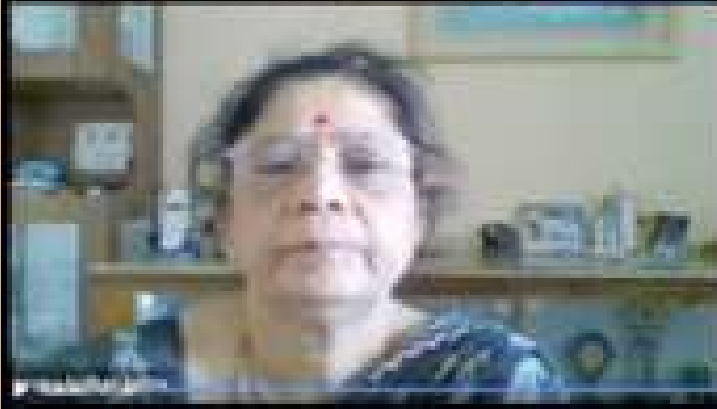
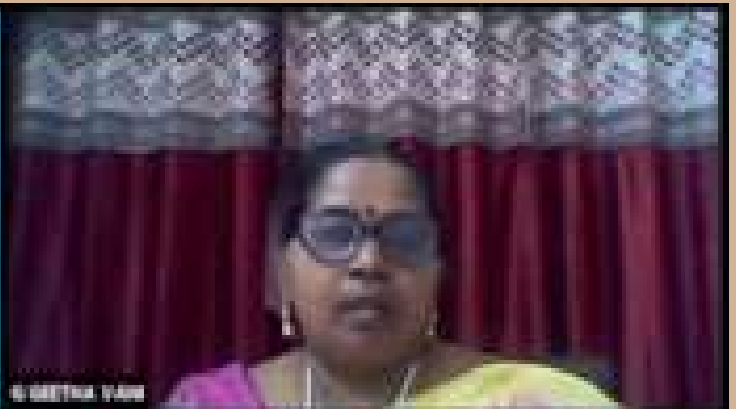
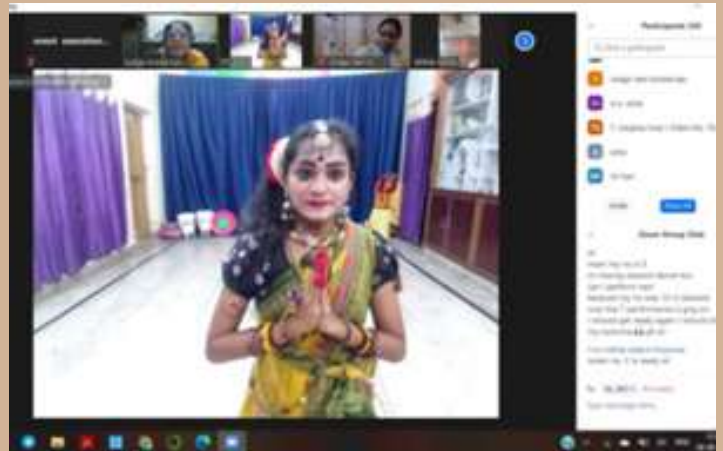
This type of events is introduced to help to increase knowledge and spontaneity of self.

INDIA QUIZ & ENVIRONMENTAL QUIZ

SPENT (SPORTS & ENTERTAINMENT) QUIZ



# DANCE EVENTS: Free Style Dance (Solo) & Classical Dance (Solo)

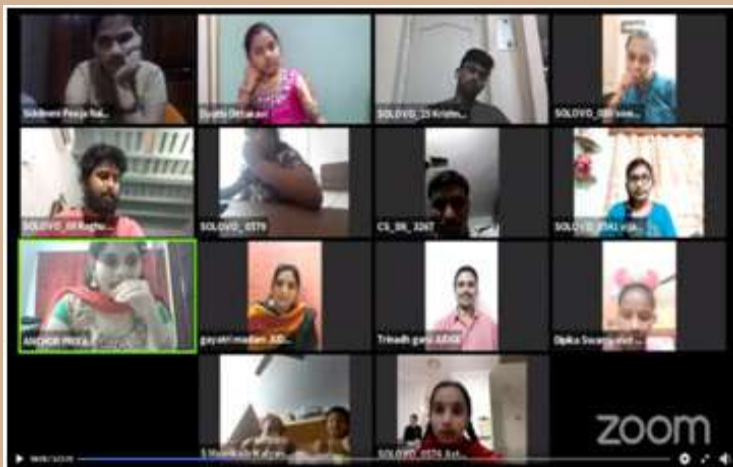




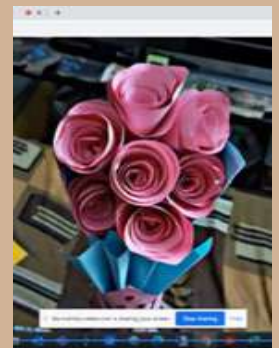
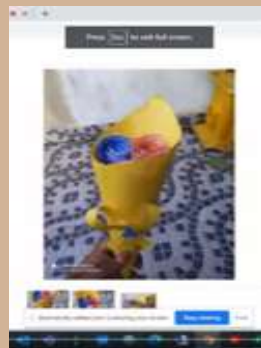
## Dramatics (The Spian) Events



## MUSIC EVENTS: Solo Vocal & Solo Instrumental



## Arts & Crafts



## Fashion & Life Style





**Indian World Record**

THIS CERTIFICATE IS PROUDLY PRESENTED TO

***KL Deemed To Be University***

On this Twenty Fifth Day of September, 2020

Special Recognition and Commendations are conveyed to

**KL Deemed To Be University**, for organising the **India's Largest Online Cultural Festival**, with the greatest number of participants participated from 20 States, 4 Union Territories of India and 9 countries is 21,116 had been appreciated for showing versatility in organising 35 competitions covering Literary, Speaking, Arts, Dance, Music, Dramatics, Crafts, LifeStyle, Fashion, Heritage and Environment to inspire, motivate and encourage.

**KL Deemed To Be University**, achieved a new **Indian World Record** from Vaddeswaram, Andhra Pradesh, and adjudicated by **Dr.GVNRSSS Vara Prasad**, Advocate, Supreme Court of India, at Hyderabad, Telangana, India.

*h. Vivekananda*

**Dr. Vivekananda Babu K**  
Founder Editor  
**INDIAN BOOK OF RECORDS**  
THE KEEPER OF THE INDIAN RECORDS

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**KONERU LAKSHMAIAH EDUCATION FOUNDATION**  
(Deemed to be university estd. u/s, 3 of the UGC Act, 1956)  
(NAAC Accredited "A" Grade University)

*Invitation*

**SURABHI**  
INDIA'S FIRST EVER ALUMNI FEST

SEPTEMBER 19<sup>TH</sup> - 20<sup>TH</sup>

Cordially Invite your gracious presence for  
inaugural ceremony of Online Alumni CulturalFest on  
September 19<sup>th</sup> 2020, 6:00 PM, organised by  
**KONERU LAKSHMAIAH EDUCATION FOUNDATION**

**DISTINGUISHED GUESTS**

<b>Er.K. SATYANARAYANA</b> PRESIDENT, KLEF	<b>Smt.K. KANCHANA</b> SECRETARY, KLEF
<b>Er.K.L. HAVISH</b> VICE PRESIDENT, KLEF	<b>Er.K. RAJA HARIN</b> VICE-PRESIDENT, KLEF
<b>Dr.L.S.S. REDDY</b> VICE CHANCELLOR, KLEF	<b>Dr. Y.V.S.S.V. PRASAD RAO</b> REGISTRAR, KLEF
<b>Mr. B. PARAMESWARA RAO</b> SIRIUS SOLAR ENERGY SYSTEM, CEO	<b>Mr. DEVINENI MANIDHAR</b> NOVACOMM, CEO
<b>Mr. RAJENDRA TUNUGUNTLA</b> TECH-ERA IT CONSULTING, CHIEF OPERATING OFFICER	<b>Mr. SANCAVARAPU PRASAD</b> INVIDI TECHNOLOGIES, VICE PRESIDENT
<b>Mr. VINOZ CHANAMOLU</b> INDSOFT, CEO	<b>Mr. SAI SATISH</b> INDIAN SERVERS, CEO
<b>Dr. HABIBULLHA KHAN</b> CHAIRMAN, SURABHI ALMA-2020	<b>Dr.M.SUMAN</b> CONVENER, SURABHI ALMA-2020
<b>Dr.P.V.R.D. PRASAD RAO</b> ASSOC DEAN ALUMNI	

**TEAM SURABHI**



## Academic Staff College of KLEF organised the following programmes

1. A One-day Orientation Programme on "SWEAR Analysis" organised by Academic Staff College, KLEF on 10-07-2020. The programme was conducted by Dr. K. Subrahmanyam, Professor, Dept. of CSE & Associate Dean, KLEF. No. of participants: 60
2. A One day orientation Programme on "Effective Online Course Delivery through Outcome-Based Education (OBE)" organised by ASC on 15-07-2020 conducted by Dr. A. Srinath, Professor and Head, Department of Mechanical Engineering, KLEF. No. of participants: 80
3. A One day Orientation Programme on "Be an Online Teacher: Practicing Virtual Teaching Pedagogies" organised by ASC on 16.07.2020. The webinar was conducted by Mr. Hari Kiran Vege, Head, Department of CSE, KLEF. No. of participants: 120
4. A One-day Orientation Programme on "Quality Standards for Online Teaching and Learning" by ASC on 19.08.2020. The programme was conducted by Dr. T. P. Sasi Kumar, Professor of Mathematics, Department of H&S, KLEF-Hyderabad. No. of Participants: 50
5. A One-day Orientation Programme on SWEAR Analysis organised by ASC on 26-08-2020. The programme was conducted by Dr. K. Subrahmanyam, Professor, Dept. of CSE & Associate Dean, KLEF No. of Participants 42
6. A one-day awareness programme on "Fire Evacuation Drill and Fire Safety Measure" was organised by ASC in association with Dean P&D on 07-09-2020. A Mock drill was conducted by a team of Mangalagiri Fire Station in association with the in-house fire safety experts from KLEF. No. of participants: 150
7. A Three-day National level FDP on "NBA & ABET Accreditation: Procedural Methods and Technical Approaches" was organised by ASC in association with Department of Mechanical Engineering of KLEF from 10th to 13th September, 2020. The FDP was conducted by Dr. A. Srinath and Mr. D VA Ramasastry from Dept of Mechanical Engineering and Dr. K. Subramanyam from Dept of CSE. No. of participants: 40
8. On occasion of "The Teachers Day on 5th Sept" and "The Engineers' Day on 15th Sept", a resource lecture on "Higher Education Today" was organised by Academic Staff College on 15-09-2020 and the guest lecture was delivered by Prof. S. S. Mantha, hon'ble Chancellor, KLEF. No. of Participants: 150
9. A One-day National Webinar on "Quality Enhancement & Sustenance in Higher Education Institutions" (QESH-2020) was jointly organised by ASC and Internal Quality Assurance Cell (IQAC) on 19th September, 2020. No. of participants: 200.
10. A One-day national level awareness programme on "Better Food Habits for being Healthy during and after COVID'19" organised by Academic Staff College, KLEF on 21.09.2020. The programme was conducted by Dr. Khadar Vali, a renowned independent Scientist and expert on Health and Food Habits. No. of participants: 60.
11. A One day awareness programme on "International Day of Peace - 2020" conducted by Heartfulness Institute and coordinated by ASC for the benefit of Faculty, Students and Non-teaching staff of KLEF on 21st Sept. 2020. No. of Participants: 200
12. A One-day workshop on "Fostering Psychological Wellbeing and Adaptability of Teachers in Blended Work Environment" organised by ASC on 29-09-2020. The workshop was conducted Mrs. Srividhya, Value Education Cell, KLEF. No. of participants: 20



## “Quality Enhancement and Sustenance in Higher Education Institutions”

### Resource Persons:

1. Dr. Dev Prakash Agrawal, Former Chairman, UPSC.
2. Dr. Venkat Barla, Professor & Director, Center for Advanced Research, Hyderabad.
3. Dr. P. Sojan Lal, Principal, MBITS, Kerala.
4. Dr. Satish Vasu Kailas, Professor of Mechanical Engg & In-charge (IQAC), IISc, Bangalore.

In view of the Covid-19 pandemic, the one-day seminar on Quality in Higher Education Institutions is conducted online. Dr B. Siva Nagaiah, Vice-principal, Academic Staff College (ASC), KLEF has welcomed the Guests and Participants and raised the curtain for the webinar. For the benefit of outside participants (from other colleges with in AP and other states), he spoke briefly about KLEF and its achievements in a short span of 11 years after becoming Deemed University in 2009. Dr K. Ramakrishna, Dean-Quality welcomed the Invited speakers, the Chief Guest, Dr L S S Reddy, Honble Vice-Chancellor, KLEF, the Registrar, KLEF, Deans, HODs and Faculty of KLEF and hundreds of participants, who have registered for the webinar online. Dr Ramakrishna informed the audience that among the 993 Universities, 40,000+ Colleges, which includes 10,700 Standalone colleges in India, only 12-13% of them have gone for accreditation, which is a very small proportion. Also, the Gross Enrolment Ratio (GER) for the age group of 18-23 is around 27%, which is very less compared to some

of the other countries, viz. South Korea (94%), USA (85%) and China (51%). Another issue concerning the quality is that only 20% of the output from the HEIs are employable. The rest lack the skill set required to get placed. Also, the National Educational Policy-2020 envisages that the GER should be increased to 50% by 2030. But with 64% of all HEIs and 60% of the students belonging to private sector presently, the goal seems to be quite a challenging one!



Dr L S S Reddy, Honble Vice-Chancellor, in his inaugural address, stressed the importance of teachers in providing quality education. He congratulated IQAC for choosing the theme of “Quality Enhancement and Sustenance in HEIs” (QESH) for this one-day seminar.



Dr Reddy underlined the need for the teaching community to feel responsible for all stakeholders, viz. students, parents, industry and society. He urged all faculty to have concern for students and support them for their all-round development. He underlined the fact that the Quality of education is directly related to the quality of the faculty.

Dr Reddy expressed concern over the fact that many faculty, after obtaining their Doctoral Degrees, are not focusing on Research. Research is the only thing that improves the profile of any Faculty. He reiterated that Faculty make all the difference and Quality has no finish line. Quality is a continuous Journey. Finally, Dr Reddy appreciated the Dean-Quality and his team for identifying high-quality Resource persons for this one-day Webinar.

The Registrar, KLEF, Dr Y V S S S V Prasada Rao, in his address, has defined the "quality" and gave few definitions given by some of the renowned Management Gurus. He stated that Quality will not happen by Accident. Quality is to be maintained in every academic and non-academic process. All Higher Education Institution has to strengthen all organs of the Institution to achieve quality. He hoped that "Reverse Brain-drain" will happen in the coming years, particularly with the implementation of the NEP-2020. He wished the QESH-2020 a grand success.



Dr B Siva Nagaiah, Principal-ASC has introduced the first Invited Speaker, Dr Dev Prakash Agrawal, a leading Speaker on Quality Education, former Chairman, UPSC, to the Audience. Dr D P Agrawal has held many responsible positions in the Government in the field of Higher Education and has over 40 years of experience.



Dr D P Agrawal delivered the Keynote address on "Quality Education – A Road map in National Education Policy 2020". He appreciated the efforts of the Management of KLEF for achieving NAAC A++ Grade and Category-1 Status by the UGC. He stressed the need for quality teachers and the quality of the final product, i. e. student, which directly depends on the quality of the teachers, who taught him through the course of study.



Dr Agrawal informed the participants that the Resources are limited, particularly in higher education in the country. However, it is a challenge to conduct quality research and provide quality education with the available resources. Dr Agrawal spoke about optimal learning, i. e. optimal utilization of resources and achieve quality education. The NEP-2020 Framework is made for 20 years, i. e. 2020-2040. Salient features of NEP-2020 have been explained. Dr Agrawal spoke about different Policies brought by various Central Governments since Independence.

The First Educational Policy in the Independent India was drafted by one of the greatest teachers, Dr Sarvepalli Radhakrishnan (Committee) in 1948. The previous Education policy was adapted in 1992 (NEP-1992). Dr Agrawal stressed the importance of Academic Freedom for the Vice-Chancellors/Directors/Heads of Institutions to start new courses. Institutions evolve over a period of time. It takes few decades for new higher education Institutions to become great Institutions. The Regulatory framework is to be revisited by the concerned authorities.

Dr Agrawal spoke about the Dropouts at school level, which is mentioned in the NEP-202: Part I: School Education. He talked about the importance of vocational education and appealed to the teaching community to make the students learn. Dr Agrawal explained briefly the principles of NEP-2020. Diversity is lacking in Programs and parental pressure is one of the reasons for it. Holistic education in a multi-disciplinary way is the need of the

hour. Flexibility of credits and credit transfer are important. Flexibilities in core and professional electives and subjects from sciences & humanities is also important. The Curriculum should consist of creativity and critical thinking, ethics and human values, Indian constitution, life skills and regular formative assessment for learning.

Dr Agrawal concluded with Input-Output link of Education. Students of mixed abilities are the inputs. Faculty aspects include: recruitment process, training, reward, retention, development, etc. Separate faculty should be identified to deal with Academics (Teaching main) and Research depending on their ability and interest. Physical resources including technology tools are also very important. Ultimately the higher education should include societal needs and meet the expectations of the Nation. Key for quality includes: Curriculum design, pedagogy vis-à-vis communication, Research, Inter-disciplinary subjects, Internships with local Industry.

Dr Agrawal answered few questions raised by the audience. Dr Siva Nagaiah has acted as moderator for all the sessions. He then introduced Dr Venkat Barla, the second Speaker, who has over 40 years of experience and presently working as Professor and Director, Centre for Applied Research, Hyderabad, who is an alumnus of NIT Warangal, Osmania university and IIM Ahmedabad. Dr Barla spoke on Quality Issues in NBA/NAAC/NIRF Accreditation process; Dr Barla spoke on obtaining the importance of quality education. He illustrated himself as an example of obtaining quality higher education (from reputed Institutions, viz. NITW & IIMA), which made him a Boss for some of his seniors early in his career.

Dr Barla expressed his concern for the fact that the Best minds available are taking up Teaching profession. The prime reason for this scenario is poor remuneration in Teaching profession. He suggested that the Teaching Faculty in HEIs should be paid salaries ranging from 1-3 Lakh for Assistant/Associate and Full Professors. On the other hand, the quality of input students at entry level is at best a mixed bag of things. The qualifying examinations are failing to provide good quality input (admissions) for HEIs. He added that the very fact that many I Year students are failing in subjects like Mathematics, Engineering Drawing, etc. strengthens the argument that the input quality is not good. The system should ensure that right students take up right courses.

Research is one of the areas, where most Institutions (autonomous Institutes, in particular) are failing to get good scores in NBA/NAAC/NIRF. Sufficient time should be provided for faculty to focus on Research. Teaching and Research are two sides of the same coin. Targets could be set for faculty to publish, say, 2 papers in reputed Journals, like, SCI/Scopus indexed Journals. There should be a Research day, which will be a no-classwork day for all faculty to concentrate on Research. Faculty should be given the choice to choose Teaching main or Research main and their workload should be made accordingly. Revenue generation through Consultancy and sponsored Research projects are the other areas, where Institutions are not doing well.



Dr Barla proposed that the 4-year UG course in Engineering/Technology should be made into 4½ Years. The ½ year (one semester) should be utilized for industry internship. Government should make this mandatory through legislation for every technical graduate to undergo one Industry semester before he is awarded a Degree. Dr Barla appealed to the Government/Private Sector to bring in investments in the field of higher education. The % of GDP spent on education, higher education, in particular, is fairly low in India. This has to be increased significantly to bring in quality in higher education.

Dr Barla concluded that Indians have superior genetic code (DNA) and only thing we are lacking is a proper system. He hoped that the government will address some of these issues and help improving the quality of education, technical education, in particular, in the coming

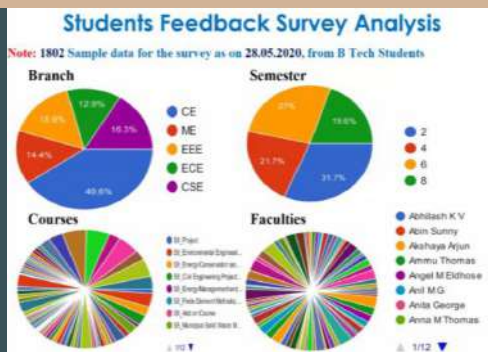
days. Dr Barla then answered few questions raised by the audience.

Dr Siva Nagaiah has then introduced the next Speaker, Dr P. Sojan Lal, Principal, MBITS, Kerala. Dr Sojan Lal is an alumnus of NITW and IIMA. He has Bachelors Degree in Mechanical Engg, Masters in Computer Science and Business Administration and a Doctorate in Management. He has conducted a dozen Webinars at National and International level inviting some illustrious Speakers from Academia, Industry and Research organizations during the Covid-19 Pandemic, for which he received appreciation from all over the country.

Dr Sojan Lal spoke on "Quality Assurance Through Digital Content" [Challenges in Online education vis-a-vis Covid-19 pandemic situation]. He spoke about his own Institution, which has formed E4IC (Education 4.0: Implementation Committee) within hours of the Union Government announcing the Lockdown 1.0 on 15th March 2020. He explained the constitution of the Committee, planning and execution of various activities, conducting classes online being the major objective.

Then, he explained in detail the results of Students feedback survey on the following topics:

Online platform	Course material
Question papers	Clarity of Faculty
Speed of presentation	Rating of the Faculty
Voicing of opinion	Assignment/Homework
Class preference	Internet connectivity
Service Provider	



Dr Sojan Lal then called upon his junior colleague, Mr Tinku Jacob to explain to the audience on the customized LMS, which was developed by MBITS team for their own faculty and students. LMS is a software application or an Application software.

Mr Tinku described about the G-SUITE from Google, which facilitates the individual customized LMS. He explained various features of the LMS developed by their team. It is a fact that online education is more difficult than offline education; this is observed in the US too. He also informed the participants that AICTE has identified mentoring Institutions, which will be mentoring the younger Institutions in the neighborhood.

Dr Sojan Lal and Mr Tinku answered a few questions put up by some of the participants. Dr Siva Nagaiah then introduced Dr Satish Vasu Kailas, Professor of Mechanical Engineering (Tribology and Material Science) at IISc. Dr Satish has obtained Masters and Doctoral Degrees from IISc, Bangalore itself.

Dr Satish spoke elaborately on the "Quality Ladder – How to climb it? Dr Satish talked about Discipline, which is important, but cannot be achieved through „control. Discipline doesnt mean control; it means having the sense to do exactly what is needed. Dr Satish has strongly advocate the importance of Time Management, which is the key for achieving quality and excellence.

This is not only true for Teaching community but also for other professions. He said that it takes something of the order of 10,000 hours for anyone to get expertise on a particular area/field. The world famous Bill Gates, who dropped out from the famous Harvard University midway through his BS Degree, has probably spent nor less than 10,000 hours on computers and got the expertise in computers, before he left the University in the middle! The most important aspect in achieving quality is giving ones 100%. Allocating time for different tasks and prioritizing the tasks is half the job done. Most people imagine that they already got the expertise (in some area) without actually getting the expertise! One should not fall prey to this! One should be honest enough to realize his/her ability and expertize ands plan his life/career/work accordingly. Distinguishing between professional life and personal life is also very important for a successful life! Dr Satish answered a few questions put up by some of the participants.

The Webinar concluded with Professor M. Venu Gopala Rao, Associate Dean-Quality proposing a vote of thanks. 568 Participants have registered for the one-day Webinar and most of them attended and actively participated.





CIIE



## Pitching Session of round -1 for MeitY TIDE 2.0 EIR (Entrepreneur in Residence) / Grant

Center for Innovation, Incubation and Entrepreneurship (CIIE) conducted pitching session for candidates applied under EIR scheme for MeitY TIDE 2.0. The selection panel constituted experts from various domains for assessing the candidates.

The candidates were given ten minutes each to present their concept and attend the queries by the applicants raised from the panel committee. A total of twelve applicants presented their ideas in different areas with the application of IT, IoT, Electronics and software on various domains.

The session lasted for nearly two hours.

## Smart India Hackathon 2020 Software Edition (Virtual)



AICTE has nominated KL University as nodal center to host Smart India Hackathon 2020 (Virtual). In this regard Center for Innovation Incubation & Entrepreneurship (CIIE) and department of CSE are jointly conducting the Software Edition of Smart India Hackathon 2020 from 1st to 5th August 2020 in Virtual mode. A committee is formed for smooth conduction of the event. SIH 2020 was held in virtual mode (digital) where all the participants are done coding phase from their homes and all the activities were given live streaming through digital mode (YouTube channel).

YouTube Live Channel Link: <https://youtu.be/yAi62x7ZT6k> (Inaugural Function)

The inaugural function will be held on 1st August 2020 from 8.00 AM onwards with the chief guest Prof. K Hemachandra Reddy, Chairman, Andhra Pradesh State Commission for Higher Education (APSCHE). The Valedictory function will be held on 5th August 2020 from 10.00 AM onwards with Chief Guest Dr. N Rajasekhar Reddy, Secretary, AP Higher Education Regulatory and Monitoring Commission. Announcement of winners for respective problem statements will be done during this session.

YouTube Live Channel Link: <https://youtu.be/6zbx3i2MwDE> (Valedictory Function)

Dignitaries for the inaugural function are President Er. K Satyanarayana, Vice Presidents Er. K L Havish & Er. K Raja Harin, Chancellor Dr. SS Mantha, Pro Chancellor Dr. E Venkat, Vice Chancellor Dr. LSS Reddy Pro Vice Chancellor A Sriram Kumar and Registrar Dr. YVSSSV Prasada Rao

The program will be centrally inaugurated from New Delhi by Minister for HRD and Hon'ble Minister of State for HRD. The Hon'ble Prime Minister will also interact with the students on August 1, 2020 at 7:00 PM like he does every year.

This year SIH team and experts from Participating Ministries/ Companies/ Organizations will centrally monitor the performance of each student innovator during hackathon and will decide on funding their Innovation and on offering them an opportunity of internship or job at their organization.

KL University Core Committee:

Dr. GPS Varma is the Chairman SIH 2020 & Nodal Center Head. Prof. V Hari Kiran, Head, Department of CSE is the Convener. Dr. N Srinivasa Deputy Head, Department of CSE, Dr. K Amarendra, Deputy Head, Department of CSE, Dr. Krovi Raja Sekhar, Associate Dean for Incubation center and Dr. MS Mekala Associate Professor, Department of CSE is the team of Co-Conveners

For announcements and latest news visit: <https://sih2020.sih.gov.in/nodal-centers/kl-university/>



*Inaugural of SIH 2020*



*Addressing SIH 2020 by President  
– KLEF and Dignitaries of the University*



*Organizing Team*



*SIH 2020 Evaluators*

Valedictory of Smart India Hackathon (Software Edition) 2020 on 04th August 2020 at KL University

KL University was the host for Smart India Hackathon, Software Edition from 01st August to 03rd August 2020. This is a 36-hour non-stop product development competition. The event was conducted online using 'Slack' platform offered by MHRD Innovation Cell and AICTE.

Hackathon was on problem statements of tackling water pollution pushed by Ministry of Jal Shakti.

Following are the teams selected across India by the jury for final solution presentation.

Hydro Hawks	V. Vishnu Priya	MEPCO SCHLENK ENGINEERING COLLEGE
AGROHYDERS	Aditya Bansal	CHANDIGARH ENGINEERING COLLEGE
Elixirs	Khanijashree.M.J	JAIN INSTITUTE OF TECHNOLOGY
Code Brigade 1.0	Pragati Goraksha Sahane	AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER

The event was held jointly with Department of Computer Science & Engineering(CSE) and Center for Innovation, Incubation & Entrepreneurship (CIIE). Online hackathon was conducted in Computer Labs of CSE Department. A good number of faculty participated as evaluators to the teams in the hackathon.

Chief guest for the event was Mr.G.Sravanth, founder of Startup AdOnMo. He congratulated the final winners and encouraged them to move towards Entrepreneurship at their early career.

Mr. Sadasivam, AICTE SPOC was admired for the constant support extended by him for offering the coordination in training arrangements on Slack platform to the faculty of CSE and solving the issues arised from time to time.

The valedictory of SIH 2020 was addressed by honorable Vice Chancellor, Dr.L.S.S.Reddy and congratulated the final winners of the event. He also delivered that the win is not final and to be more effective if the proposed solution is realized in real mode solving the societal problem.

Also, he said that the teams reaching upto this round is an applaudable win to all the team members of the respective teams and make more effort in improving the skills of problem solving.

The valedictory was also addressed by honorable Pro Vice Chancellor & Director – Development and CEO of TBIC & CIIE Dr.G.P.S Varma. He insisted the teams to work and keep the same spirit of problem solving and make chances of Entrepreneurship brighter.

Prof. Hari Kiran, HoD-CSE admired the teams at MHRD Innovation Cell & AICTE for training the faculty of CSE in usage of online tools for smooth execution of the event.

He congratulated the winning teams and expressed how creative solutions can build an Entrepreneur.

Dr.K. Raja Sekhar, Associate Dean, CIIE & Professor of Computer Science & Engineering is the main coordinator from CIIE and took a lead role in organizing the event.

Oath of thanks was given by Mr.M.S.Mekala, expressing the gratitude to all the hackathon evaluators ,MHRD Innovation Cell & AICTE , Mr.Sadasivam for the best coordination in training on usage of online tools and coordinators of the event.



Valedictory of SIH 2020 addressed by honorable Vice Chancellor Dr.L.S.S.Reddy, Pro Vice Chancellor & Director - Development and CEO of TBIC & CIIE Dr.G.P.S Varma, Prof. Hari Kiran, HoD-CSE, Dr.K. Raja Sekhar, Associate Dean, CIIE & Professor CSE, Mr.M.S.Mekala, Faculty CSE.

Online screen shared by Chief Guest, Final Winners and Evaluators of SIH 2020.

## Pitching Session of round-2 for MeitY TIDE 2.0 EIR (Entrepreneur in Residence) / Grant

Centre for Innovation, Incubation and Entrepreneurship (CIIE) conducted pitching session for candidates applied under Grant scheme for MeitY TIDE 2.0. The selection panel constituted experts from various domains for assessing the candidates. The candidates were given ten minutes each to present their concept and attend the queries by the applicants raised from the panel committee. A total of ten applicants presented their ideas in different areas with the application of IT, IoT, ICT and Electronics hardware and software. The session lasted for nearly two hours.

## National Level Webinar on Intellectual Property Rights and its Webinar on "Intellectual Property Rights and Its role in the development of MSMEs, Start-ups and Academic Community"

**KONERU LAKSHMAIAH EDUCATION FOUNDATION**  
(Deemed to be University since 1/3 of UGC Act 1956)

**40th Anniversary**  
40 Years of Quality Education Leadership

**A National Level WEBINAR on INTELLECTUAL PROPERTY RIGHTS and its role in the development of MSMEs, STARTUPS and ACADEMIC COMMUNITY**

**Launching of KLIPFC**

**DATE**  
On 20<sup>th</sup> August 2020, Thursday @ 10.00 am to 1.00 pm

**Host and Organizer**  
**Dr. K. Raghava Rao**  
Head-KLIPFC, CIIE

**Contact**  
96183 06076

**Registration web link:**  
<https://forms.gle/YjkD5QrF5VryfsV49>

**Speakers:**  
 - Hon'ble President: E. Koneru Satyanarayana  
 - Vice President: E. Koneru Raja Harwan  
 - Vice Chancellor: Dr. L.S.S.Reddy  
 - Pro-VC & CEO (TBIC): Dr. G.P.S. Varma  
 - Keynote Speaker: Sh. D. Chandra Sekhar, Addl. Industrial Advisor, MSME-DI, Hyderabad  
 - Guest: Mr. GVR Naidu, Asst. Director, MSME-DI, Visakhapatnam  
 - Guest: Dr. Bijay Kumar Sahu, Regional Manager, MSME, Dept. of Indus. & Culture, Govt. of India, Udyam, Vizag  
 - Guest: Dr. Siva Shankar S, Asstt. Prof. and Head, All India College of Engg. Hyderabad  
 - Guest: Mr. Satish Kumar, Officer of Development Commissioner, MSME, Ministry of MSME, Govt. of India  
 - Guest: S.Thangapandian, Deputy Commissioner and Head of Office, Patent Office, Chennai

**Topics:**  
 - Introduction to Intellectual Property Rights(IPR)  
 - Role of IPFC in MSMEs, Startups, Academic Community and IPR MSME Schemes & benefits  
 - IPR legal issues and Patent laws

A National webinar on Intellectual Property Rights and its Webinar on "Intellectual Property Rights and Its role in the development of MSMEs, Startups and Academic Community" conducted on 20th August, 2020 by CIIE, to mark the launch of KL Intellectual Property Facilitation Center sponsored by Ministry of MSME, Govt. of Delhi. This webinar opening remarks was given by Hon'ble President, KLEF. The key note was given by D.Chandra Sekhar, Add. Director, MSME-DI, Hyderabad. An inaugural greeting message was given from GVR Naidu, Asst. Director, Vizag. The webinar

resource persons were given presentations on Introduction to IPR by Siva, Hyderabad, Patent Laws by Pandian, Deputy Controller, Patent office, Chennai and MSME schemes of IPR presented by Satish Kumar, Asst. Director, MSME, India. There are about 400 participations present in this webinar.

## Key role of CIIE in webinar on 'Support to Start-ups and Innovators' for AP Innovation Society, Visakhapatnam.



Center for Innovation, Incubation and Entrepreneurship (CIIE) made a key role in the webinar 'Support to Startups and Innovators' on participation of Dr. K. Raja Sekhar, Associate Dean (IIE & IPR) sharing the views with the organizers of the event as 'Assessor' of the present and past Star-tups.

Open talk was held in the following topics with views from different speakers in the event.

1. Fostering and promoting entrepreneurship spirit.
2. Facilitation of knowledge creation, innovation and incubation activities.
3. Networking with professional resources, which include mentors, experts, consultants in incubating companies.
4. Survival of Startups during the pandemic time
5. Finding suitable economic schemes from governments to keep the movement of business activities flourishing in a broader sense.

The panel also concluded that a change in the education system should be made to the students from different disciplines in the institutes that shall make a shift adopting the industry culture and rapid development of the students thinking capability.

## CIIE in the main role of webinar 'Incubation Ecosystem at Academic & Research Institutions and support for Startups' – Dr.K.Raja Sekhar, Associate Dean, IIE & IPR as the resource person of the event.



Center for Innovation, Incubation and Entrepreneurship (CIIE) made a key role in the webinar

'Incubation Ecosystem at Academic & Research Institutions and support for Startups' –

Dr.K.Raja Sekhar, Associate Dean, IIE & IPR as one of the resource person of the event.

Speakers shared the views from different perspectives of Startups in the event.

1. Business plan assistance
2. Mentoring support

3. Access to professionals with legal, financial, IP and industry expertise showcasing events for
4. exhibition of products and solutions
5. Networking events to facilitate interaction with investors and industries
6. Training programmes and seminars relevant to entrepreneurs

Seed Funding for Entrepreneurship: funds/grants/schemes meant shall be allocated based on the societal cause and fast track communication of the agencies from Government of India.

## Online Awareness program on Startups & Entrepreneurship to second and third year students of Mechanical Engineering.

Center for Innovation, Incubation and Entrepreneurship conducted awareness program to the second and third year students of Mechanical Engineering.

The session was started Dr. K. Raja Sekhar, Associate Dean (IIE & IPR) briefing about the Startups and previous Entrepreneurs from KL University.

Following were discussed with the students on Startup opportunities

1. Information and Communication Technology
2. Manufacturing & Allied Sectors
3. Green Technology, Clean Energy, Renewable Energy, Non- Renewable Energy Resources etc.

Areas of innovation shall be as wished by the student in his / her area of interest.

In the second part of the session, Mr.S.V.Sriresh, Assistant Professor of Incubation cell, gave briefing about the importance of innovation, identify the problem , restructure the problem and make as many solutions as possible with in the available resources. Inputs were given to the students with the case study on a spectacles from 'Lenskart' on different variants of the product for different customer segment achieved through an effective innovation process.

Students were also given inputs on the Mechanical and Electronics & IoT Fab Lab facilities in the campus.

## Online Awareness program on Entrepreneurship to second and third year students of Civil Engineering.

Center for Innovation, Incubation and Entrepreneurship conducted awareness program to the second and third year students of Civil Engineering.

The session was started Dr.K.Raja Sekhar, Associate Dean (IIE & IPR) briefing about the Startups and previous Entrepreneurs from KL University.

Following were discussed with the students on Startup opportunities

1. Augmented Reality, Big Data and Analytics, Robotics & Automation etc
2. Waste Management and Water & Sewerage Management.

EAC (Entrepreneur Awareness Camp) and interactive workshops shall be



organized. The workshops are structured very to inculcate entrepreneurial skills from basic to advanced level. The workshops shall be conducted on

1. Exploring Entrepreneurial Spirit
2. Practicing Entrepreneurial Thinking

Areas of innovation shall be as wished by the student in his / her area of interest.

In the second part of the session, Mr.S.V.Sriresh, Assistant Professor of Incubation cell, gave briefing about the importance of innovation, identify the problem , restructure the problem and make as many solutions as possible with in the available resources. Inputs were given to the students with the case study on a prototypes and how prototypes are attempted.

## IUCEE Entrepreneurship Awareness Session to the students and faculty of KLEF

The objectives of Indo US Collaboration for Engineering Education (IUCEE) student programs

are to assist students in developing attributes and skills of

1. A Knowledge base for engineering
2. Problem analysis
3. Investigation
4. Design
5. Use of Engineering tools
6. Individual and teamwork
7. Communication skills
8. Professionalism
9. Impact of engineering on society and the environment
10. Ethics and equity

11. Economics and project management
12. Life-long learning.

Two faculty members and a few student coordinators from CIIE have been nominated for the IUCEE Entrepreneurship program. The program shall be conducted on different topics related to Entrepreneurship and thinking methods to be adopted in order understand the nature of businesses.

Primary focus of the training is on how to understand various types of needs with various users and formulate innovative solution/solutions in/to a multi usage concept. The methods to be adopted to gather inputs on usage are taken up in stage wise sessions. Training is imparted to students and faculty on that particular topic as per the planned session. At the end of each session, assignments are given to the students to gain overall knowledge and skill of that particular activity.



## KL College of Pharmacy, Women's Forum & Hobby Clubs Independence Day Celebrations 15th August 2020 - Painting Competition

On the eve of 74th Independence Day, KL College of Pharmacy in association with Women's Forum and Hobby club conducted Painting Competition. Participants were invited from K L University (Vijayawada and Hyderabad). Students and Faculty had actively registered for the event. Winners were finalised based on "Theme, Creativity, Impact, colour and Finishing/Neatness"

Total number of Participants: 82

KLU	1	Sarvani Vemuri	180010059	Biotechnology
	2	Pragati Mishra	170050101	Mechanical
	3	Safa Haadiya	190010098	FED
	3	Rishita.kattari	180550030	BBA LLB
KLUH	1	Sai likitha sri .kandula	180330201	CSE,KLH
	2	Nori Vaishnavi	190330172	FED, KLH
Faculty	1	Rambabu Muppidi	4286	Fine arts
	2	Tata Prasanna Kumari	6261	Pharmacy
Special appreciation	1	V Rani	4539	MBA
	2	K.TEJASHREE, D/o K.SURYA SEKHAR	5377	System Admin



SarvaniVemuri  
(180010059); BT



PragatiMishra  
(170050101)B.:Mechanical



SafaHaadiya  
(190010098):BT



Rishita.kattari  
(180550030):BBA -LLB





NoriVaishnavi(190330172): CSE,KLH



Organizing committee:

Miss.Md.Jaha Sultan, Dr.P.Rajeshwari, Dr.K.SreeTeja

A total of 82 members have participated in the event enthusiastically and sent their painting. Event has received good recognition and the paintings have reflected various views on the given themes.

## A Report on Health Awareness Program

Women's Forum of KLEF organized an awareness camp for adolescents on 29th August, 2020 at 2.30 to 3.30 PM through WebEx. Dr. M Sreedevi has introduced the resource person from Hotel Management Department of KLEF Dr. K Hemamalini. She delivered a lecture on the topic "Awareness on Obesity in Adolescents – Occurrence and Preventive Measures" through online.



The topic covers the occurrence of obesity specifically during this pandemic situation and what are the remedial measures to be followed by the adolescents. She also emphasized on the role of parents to care while the child was growing and described briefly about the difference between junk foods and nutritious foods. Adolescents has to take care while selecting the foods and has to be cautious whether they are zero calorie foods or nutritious foods. Dr.S.V.N.L.Lalitha, Convener of Women's forum congratulated and thanked the resource person and invited other members to actively participate in the womens forum events. With vote of thanks given by Dr. V.N. Sailaja the session was ended.

## Report on 2-Day Online Awareness Campaign on Cyber Threats, Safety And Security Measures

KLEF Women's Forum in association with KL College of Law, conducted 2 day online awareness campaign on 30th and 31st August, 2020 (10:00 am to 11:00 am) on "CYBER THREATS, SAFETY AND SECURITY MEASURES". Experienced professional resource persons Ms. T.Vijayalakshmi , Psychologist, KLH and Dr.K.I.Pavan Kumar, HoD, KL College of Law have enlightened the participants.

The event started with a welcome note by the convener of KL Womens Forum Dr.S.V.N.L.Lalitha. She has explained about the Women's forum activities. Dr.K.R.S.rasad, Dean Student Welfare and D.N.Rangaiah, Principal, College of Law graced the occasion. Ms. K.Sumabala is the faculty coordinator and Ms.KrishnaDeepthi is the student coordinator.

**Technical Precautions:**

- 1) do not reveal your IP address : online intermediary payment portals do need your IP address to process your payment.
- 2) Virtual Private Networks (VPN) that hides IP go for paid one
- 3) use "TOR Browser" to protect you IP address
- 4) update your software constantly
- 5) maintain good digital hygiene: change the privacy settings, read privacy/cookie policy etc

**Social Precautions:**

- 1) keep low profile
- 2) Avoid posting personal information
- 3) avoid using nicknames wherever it is possible.
- 4) speak to your family members first.

**Legal Remedies :** Speak out and complaint to the Police.

Some of the common cyber crimes include :

- Indecent exposure
- Unsolicited obscene pictures
- Threats
- Malicious emails
- Account being hacked
- Ransom demands
- Blackmail and many more

On First day,

**Ms. T. Vijaya Lakshmi, Psychologist, KLH,**

enlightened the psychological issues on how a women should face the problems that they encounter when interacting in Cyber Space, though living in a so-called civilized society.

The sessions aimed at understanding the types of crimes and impact on the girl Students and the ways to deal with it .On the Second Day ,Dr.K.I.Pavan Kumar, HOD , KL College of Law, has thrown light on the contemporary issues of Cyber Stalking, Pornography and Morphing and has given a big picture about the Social and Legal Measures to be taken.



Ms.KrishnaDeepthi, student coordinator of the event has proposed vote of thanks to the resource persons and the participants for making the event successful. A brief report on the topics covered in the two days sessions and the question and answer session is as follows.

## Cyber Threats, Safety & Security Of Girl Students

The change in perception of various groups of society starting with girls themselves to parents, family friends and the society

The importance and need of change in perception, and valuable guidance that needs to be provided to the children, and precautionary measures to be taken whilst using Internet. The menace of cyber threat to girls is ever increasing with increasing use of internet and social media day by day

## Different Types Of Cyber Crimes

Cyber Crimes can be categorized in two ways:

1. The crimes in which the computer is the target. Examples of such crimes are hacking, virus attacks, DOS attack etc.Hacking of your phone / system and using / threatening to use your personal data against you, Abuse of access given to your personal devices to snatch your data and using it against you, Morphing of photos freely shared among social media, Blackmailing girls tampering their personal data
2. The crimes in which the computer is used as a weapon.
3. These types of crimes include cyber terrorism, IPR violations, credit card frauds, EFT frauds, pornography etc.

Atrocities against woman

How to counter this menace

Consequences of Tolerance to cyber crimes

### CONCLUSION:

Every Crime against woman is crime against her family Every one should understand the pain & disturbance caused to the family when A daughter, sister, mother is facing sexual assault by abuse of technology.It is time for us to wakeup and CURB this manace. It is possible only when every girl becomes Vigilant of threats posed by technology in the form of cyber crimes, Brave to fight against any attempt on her by the cyber criminals&Aware of the social and legal protection available to her against the Cyber crimes

### Q and A:

**Whether the girls subjected to cyber crimes need any special care to bring them back to normal life?**

Cyber crimes will often leave the victim in nervous shock leading to series of psychological disorders. Depression and fear are the most common psychological concerns we find in the victims. Support from family, friends and society can only get speedy relief to the victim.

### How Cyber crimes are distinct from traditional crimes?

Unlike in other crimes the criminal in Cyber Crime is invisible. He is always at our doorsteps waiting for one mistake from our end to ruin our lives.

### How to ensure nabbing of Cyber criminals:

Encourage girls to lodge complaints without finding faults with them for their mistakes, resulting in perpetration of cyber crimes Girls should feel free to lodge complaints with full moral support from family and society

### Whether use of social media by minors be banned:

There is no problem in using social media; in fact we cannot deny advantages of social media to minors. (Especially during this pandemic situation, all of us have resorted to the internet)

Problem is in abuse of social media and internet. Lack of parental supervision is a matter of real concern for the society. Internet in the hands of minors is as dangerous as knife in the hands of infant. But it is inevitable and they need to manage risk. This is possible with educating your children with the potential risks involved

### Do we have a robust legal system to counter cyber crimes against woman

Yes, but law alone cannot solve the problem We need active support from all sections of society.

## Report on Literacy Day Celebrations - Elocution Competition "Digital Literacy in the post COVID world"

ECM Women's Forum in association with KLEF Women's Forum conducted Elocution Competition on "Digital Literacy in the post COVID world" on the eve of International Literacy Day celebrations on 8th and 9th September 2020.

The Program was conducted in online mode with the following link.

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m73b26f4041fc1a1c4c8a72ea9b755d3d>

Dr. S.V.N.Lalitha, Convener, KLEF Women's Forum started the program and she explained various activities conducted by women's forum. After that Dr.K.R.S.Prasad,

Dean Student Affairs motivated the students with his speech. He reiterated the importance of literacy and appreciated the students for coming forward to participate in the elocution competition. 120 students registered for this Elocution competition, preliminary round is conducted on 8th September 2020 from 1PM to 5PM. The first round is held at the individual Department level. 23 students are selected for final round, which was conducted on 9th September 2020 from 1 PM to 5PM.

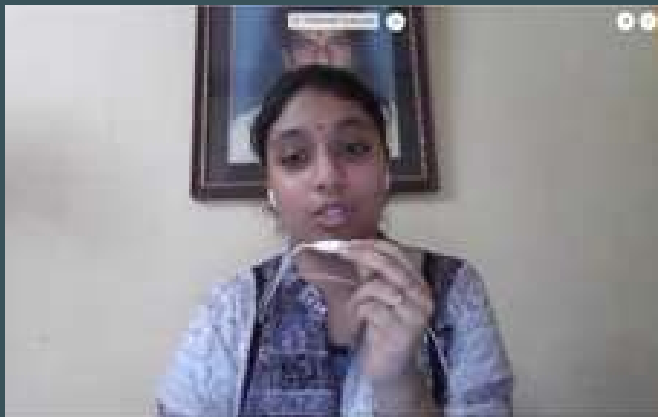
Judges for the final round:

1. Dr. K.K.Sunalini, Associate Professor, Department of English
2. Dr. UshaRani, Asst. Professor, Department of English
3. Mrs. VijayaLakshmi, Student Counsellor, Hyderabad Campus



Students expressed their views on the benefits and offers of digital world. They felt digital world is empowering innovative ways that were unimaginable. It gave opportunities to learn and deal with new and important issues. They spoke on the advancement of technology in all the aspects of life. They felt that the outbreak of the coronavirus pandemic has created immediate and unprecedented challenges in the field of education. Students asserted that undeniably the lockdown created an unpredicted pressure on the system to succor the education of nearly million children across 1.4 million schools in the country. They said that the digital technology is providing all sorts of remote learning opportunities for students across the globe and enabling teachers to create virtual experiences. They mentioned that France and China has created an online portal providing access to educational content and learning opportunities. A survey of UNICEF stated that most of the parents expressed that their children had learned to use new technologies better in order to follow the school curriculum online. One in every two parents believes that the development and presentation of teaching materials on television and the internet should continue even after this crisis.

A set of students focused on the other side of technology like online education has its own limitations too.



## Report of Webinar on Women's Empowerment- Principles in Practice

Women's Forum in association with Department of EEE, KLEF conducted a Webinar on "Women's Empowerment-Principles in Practice" on 12th September 2020 from 4.00 pm to 5.30 pm as part of its webinar series.

Link for Participation:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m049fab9e479a5b5d062ae637d8633f2e>

Event started with a welcome note by Mrs. K.Sarada, Associate Professor, EEE Department and Women's Forum incharge. Dr.Habibulla Khan, Advisor, Student affairs has addressed the gathering and motivated the participants to come forward for uplifting of needy women in their surroundings. Dr.K.R.S.Prasad, Dean Student welfare congratulated the Women's Forum for conducting such useful programmes. Dr.S.V.N.L.Lalitha, Convener, Women's Forum introduced the resource person.

Resource Person: Mrs. Pushkala Venkateswaran  
Vice President, Engineering, KloudGin, Hyderabad

The main hindrance is the digital divide due to the non-availability of high-speed internet in rural and remote areas. The inclusive educational system cannot function keeping the underprivileged out of this exercise. The second issue is the poverty levels of the students belonging to the economically backward communities. A large section of the society still cannot afford to buy good quality smartphone or laptop which is a necessity for the online educational system. More and more people have become jobless which increases the gravity of this problem. Student participants have discussed on various dimensions of the advantages of literacy especially in the Covid pandemic situations.

Dr.Sunalini has addressed all the participants and given few tips to the participants on presentation of their ideas during an elocution completion. List of short listed students for participation in final round and the prize winners is given below.



Profile of Resource Person:

Mrs. Pushkala Venkateswaran has 21 years of experience working in the Information Technology industry, in Enterprise Product engineering, cloud based deployments and Business Intelligence. She started her career as a Programmer, working out of a Bangalore based startup. She moved on to Oracle where she led the development of two products in the edge product suite. She is currently Vice President of Engineering for KloudGin. Kloudgin is a Cloud based enterprise product offering, providing field service and enterprise asset mobility along with work order management, scheduling and artificial intelligence.

Mrs. Pushkala Venkateswaran has delivered an interesting talk covering various aspects of women empowerment. She has explained the real time case studies and given the amicable solutions to be adopted in dire situations. Speaking on Regulatory Framework for Women in Workplace, she suggested the students to be prepared for the changing landscape of conscious hiring that is happening with governmental impetus. She discussed clearly about the Equal employment opportunity Index, Gender Pay Equality Index and the factors governing Gender Pay Inequality such as Marriage, Maternity & Mobility.

She suggested that all members should follow the four important rules namely

- Grow! on Merit
- Speak! Up!,
- Know! Yourself
- Be! Fit !.

She explained these concepts with case studies and participants have actively interacted in sharing their



views. There was an interactive session to the end of the talk and the meeting concluded with cote of thanks proposed by Ms. Sravani Priya, Student coordinator. A virtual momento is presented to the resource person. All members enjoyed the programme very well and felt it very useful. Participants requested for more such events in future to be conducted.

## Report of Webinar on Career Planning and Entrepreneurship for Women Students

Women's Forum in association with Department of Mechanical Engineering, KLEF conducted a webinar on "Career Planning and Entrepreneurship for women students" on 24th September 2020 from 3:00 pm to 5:00 pm as part of its webinar series.

Link for participation:

<https://kluniversity.webex.com/kluniversity/j.php?MTID=m3df5611f383dcdcaa5cf6da63c0c53abd>

Event started with a welcome note by Mrs. T. Kanthimathi, Assistant professor, ME Department and Women's forum incharge. Dr. Habibulla Khan, Advisor, Student affairs has addressed the gathering and motivated the students to plan their career in a proper path by understanding their respective interests. Dr. S.V.N.L.Lalitha, Convener, Women's forum welcomed the resource persons and introduced them to the gathering.

Resource Persons:

1. Dr. Y. Padma Sai  
Professor & Dean, VNR,VJIET, Hyderabad,  
Chairperson,IEEE Women in Engineering AG,  
IEEE Hyderabad Section.

2. Dr.Sridevi.S

Head-product Development, Six Yards Plus, Hyderabad.

Dr. Padma Sai has delivered an interesting talk the various fields in which girls and women are proving themselves. She explained various challenges faced by women at work place and how to get over those challenges. She also suggested that one should be aware of day to day activates which are taking place at the work place, so that we will not be left behind.

Dr. Sridevi initiated her talk on the need of women in entrepreneurship. She pointed out various challenges and opportunities for women to be an entrepreneur. She gave examples on various challenges faced by women as an entrepreneur and as a working women.

She suggested few tips to overcome these challenges like reading books, talking to teachers etc. She motivated the participants with her talk and encouraged young minds towards taking up their own business.

clear gap in sectors and how to fill the gap	challenges in entrepreneurship
<ul style="list-style-type: none"> <li>• technology</li> <li>• construction</li> <li>• mining</li> <li>• research, invent and innovate</li> <li>• Collaborate for product based projects</li> <li>• study higher</li> <li>• attend training and awareness programs</li> </ul>	<ul style="list-style-type: none"> <li>• capital</li> <li>• cash flow management</li> <li>• hiring employees</li> <li>• time management</li> <li>• delegating tasks</li> <li>• choosing what to sell</li> <li>• marketing strategy</li> <li>• business growth</li> <li>• self-doubt!!</li> </ul>

At the end of her session few participants raised questions on how to manage family life and work life as women for which she responded that for a women to successful there should be an understanding family behind her. Virtual mementoes were presented to the resource persons by Dr. S.V.N.L.Lalitha, Convener women's forum. A total of 166 members have registered for the event.

Profile of Dr. S. Sridevi

Dr. S. Sridevi has done her graduation in Textile Technology and MBA in human resources from Osmania University. She has done her MS. And Ph.D in Material Science a& Engineering from North Carolina State University, Raleigh, NC. She has worked as Dean of Academics and R&D in Shri Vithal Education and Research Institute for 3 years. She has worked as professor in Saveetha School of Engineering for 2years. At present she is the head and co-founder of product development for Chromatic Creative Pvt.Ltd.(Brand Name: Six Yards Plus) and also working as materials scientist in Centillion Solutions LLC.



Dr. Y. Padma Sai

Profile of Dr. Y. Padma Sai:

Dr. Padma Sai, has a vast experience of over 22 years in teaching and 5 years industrial experience. At present she is working as professor and Dean in VNR VJIIET, Hyderabad. She is a senior member of IEEE and Life member of ISTE, ISOI and ASCI. She is also chairperson of IEEE Women in Engineering AG, IEEE Hyderabad Section. She is the Co-founder of Salcit Technologies Pvt Ltd at VJ Hub. She is one of the inventor of the patent and published by Indian Patent office Titled A Method and System for Analysing Risk Associated With Respiratory Sounds.



Dr. S. Sreedevi

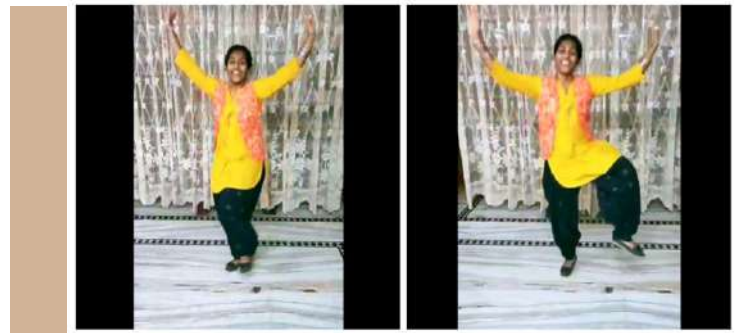


## HOBBY CLUBS



### Awareness by Mask – Dance Performance of Narthana Club – Students

An awareness video prepared by Narthana club members on 3rd July 2020. The video was in the form of dance performance. Through dance and music, the players try to explain the importance of using mask, sanitizer and lockdown in the fight against covid 19. The you tube link of the students performance is <https://youtu.be/FyFjWQUcAA>



### Once More– monthly event – By Swara Club

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 playing with keyboard, Guitur, Drums, Violen and sing songs classical, western and vocal etc. The event monitored by Dr. R.Subhakar Raju Professor incharge of Hobby clubs.



### Bandra Dance by Narthana Club Student

V.Sai Sahithi , Narthana Club Student of KLEF have performed a dance name of BHANGRA for "Mera INDIA Mera Watan' for "Ek Bharath Sresta Bharath" programme . Our University collaborate with Pajab University for EBSB progmmmaes and this dance performance uploaded in EBSB.







## Kargil vijay Diwas – Participated Narthana Students

KLEF-CEA have Organized the event of “Kargil Vijay Diwas” in memory of the great sacrifice done by our army people in the Kargil war in the year 1999. Remembering those great soldiers to pay tribute to them we organized the event and conducted various competitions. On this occasion CEA has organized four events online to ignite patriotism among students. Events like Elocution, Spirit in motion and Music from the heart competitions were held on online platforms

The total Event is organized for 5 days.

S.No	Event Name	Date
1	Dance	21/07/2020
2	Elocution	22/07/2020
3	Singing	23/07/2020
4	Webinar	26/07/2020

### Dance:

Participants were asked to upload videos in a Google form link. The videos have been evaluated by the judges and the meritorious were selected.

### Elocution:

Competition is held in zoom app. Participants are assigned with token numbers based on which they had been called during the competition. Based on their performance judges had finalized the merits.

### Singing:

Singing competition is held similar to Elocution except it is held in 2 rounds. Time limit is given for each participant. Judges finalized the winners based on their performance. In this events Hobby Club Students have participated



## RAGHAVAM-20 Sri Bellary Raghava 140th Birth

Eminent Theatre Personality Sri Bellary Raghava 140th Birth Anniversary was observed on 3rd August 2020 called “RAGHAVAM-20 “. Dr. R. Subhakar Raju Prof. Incharge of Hobby Clubs garlanded the portrait of Sri Bellary Raghava. In this connection “A Theme talk Competition on Sri Bellary Raghava” was conducted through online mode. The interested students send their theme talk videos through online. Dr. GRK. Prasad ECE Associate Professor Judged Theme talk competition on 04th August 2020. Mr. V.G.Krishna Murthy, Cultural



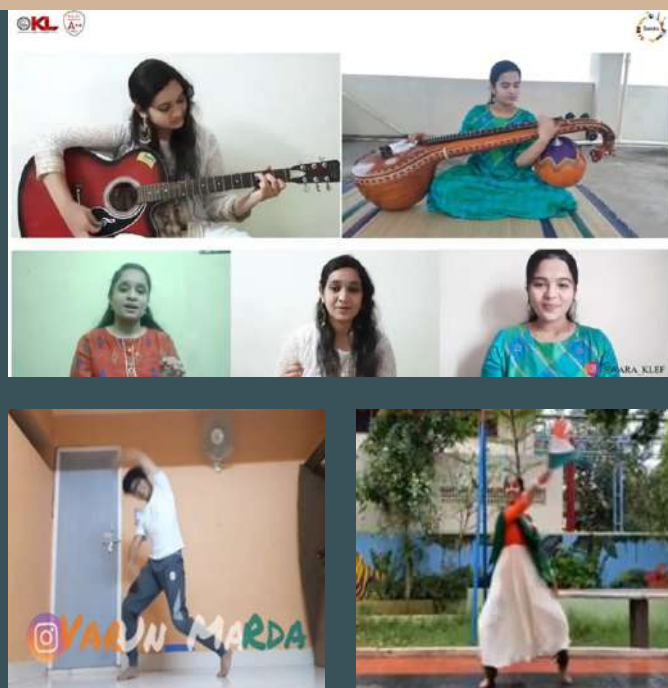
## Narthana, Swara, Vachas Club Students participated online competitions for 74<sup>th</sup> Independence Day

The events depicting integration & Patriotism were well performed by the clubs students, the entire cultural programmes. Vachas Club Students organizing Quiz programme through online, 157 students participated in this online quiz programme.

Swara Club Students Participated Independence Day Celebration through online, the participation link is below.

<https://youtu.be/AbPKmCKhjZg>

S.No	Name of the student	ID number
1	Valli Harisomayajulu	170010132
2	Sree Sougandhi Kanakadandi	170031540
3	Hari Varunavi Kanchineni	170030500
4	K-Jerusha Rainy	180570043



## World photography day celebrations – competitions

One the event of World Photography Day Celebrations conducted in K L E F by Chalana Chitra Club students of Hobby Clubs in association with CAMPS Department through online, by inviting participants to the Photography competitions. Themes is on Nature, street Photography and Monochrome, Nearly seventy students have send their photographs through online. Dr.R.Subhakar Raju-Prof.In-charge of hobby clubs , Mr.Sridhar Patnala faculty In-charge of Fine Arts department have monitored the event.

Selected Participants for Photography Competition

### A) Category : NATURE

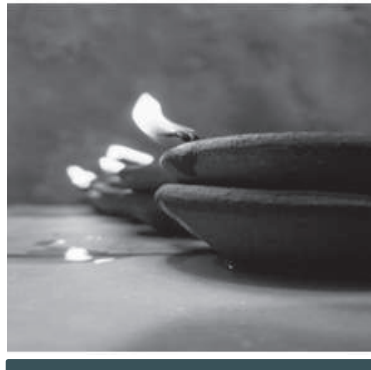
1. Shaik Mahera
2. Meka Siva Ram
3. John Branch

### B) Category : TREET

1. Harikrishna Dhande
2. Charan Kumar
3. Shailender

### C) Category : Monochrome

1. John Branch
2. Chintha Nishanth
3. Govardhanagiri Sreevalli



## Student Magazine- "KL Horizon" by Vachas Club Students

The Vachas Club Students prepared Student Magazine named as "KL Horizon". As per the circular from Registrar on 12.08.2020 students were involved in preparing "Students Magazine" last date for submission of Magazine is 21.08.2020. Dr.R.Subhkar Raju -Prof. In-charge of Hobby clubs and Dean –Student Affairs monitor the Student Magazine preparation.



## Magazine Team



**Kartik Neti**  
160040630



**P. Hiranmayee**  
160031021



**D. Sai Pralekhyaa**  
180031167



**Yedla Bavithesh**  
180030264



**A. Manogna**  
170031532



**L. Sreekar**  
190040282



**Gopika Manvitha**  
180030255



**Hema Sanga**  
190030593



**D.V. Tejesh**  
190031918



**M. Krishna Vamsi**  
190031084



**Sai Manoj**  
190031595



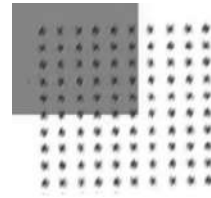
**Srujan Kumar**  
190040631



**G. Sai Chinmayi**  
190030468



**K. Goutami**  
190020030



**Vishnu Makham**  
170040505



**V. Aditya**  
170031381



**Siva Ram**  
180040234



**Jai Prathik**  
190030617



**Himani Agarwal**  
170030452



**T. Bhavana Reddy**  
170031276



**Sri Vatsa**  
170050119



**S.V. Dharini**  
190020023



**K. Sai Siva**  
190030766



**S. Anand**  
170040031



**Hari Krishnan**  
190030591



**T. Thanmai**  
190031642



**Lahari Yadlapalli**  
190031777



**L. Tanuja**  
190031583



**S. Pavan Sai**  
190031547



**P.S.V.P. Aishwarya**  
190031297



**Velaga Valentina**  
190031720



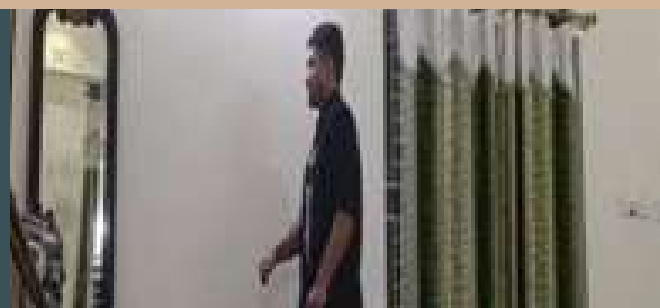
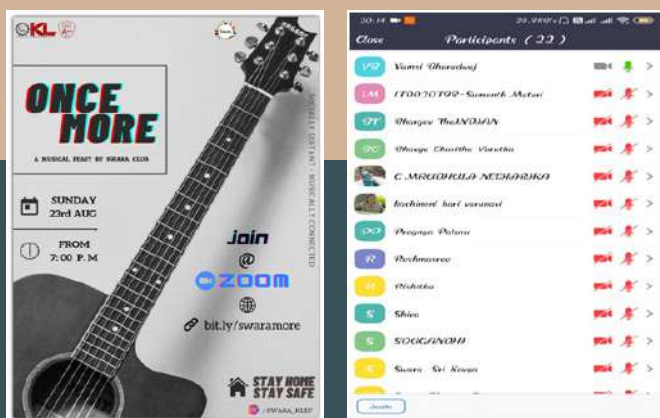
**Ananya D Mehta**  
190520002



**M. Sriram**  
190030979

## Once More– monthly event – By Swara Club

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 playing with keyboard, Guitur, Drums, Violen and sing songs classical, western and vocal etc. The event monitored by Dr. R.Subhakar Raju Professor incharge of Hobby clubs.



## Michael Jackson Birthday Event by Narthana Club

On 29th of Aug 1958, the greatest entertainer of all time, the King of Pop, Michael Jackson, was born , his 62nd Birthday on 29th Aug 2020. The interested students send their videos through online. The event monitored by Dr. R.Subhakar Raju Professor incharge of Hobby clubs, Mr.U.Prasad Cultural Trainer. Narthana Club Students Participated Celebration through online, the participation link is below.

<https://www.youtube.com/watch?v=PNN1QOJGvjK>

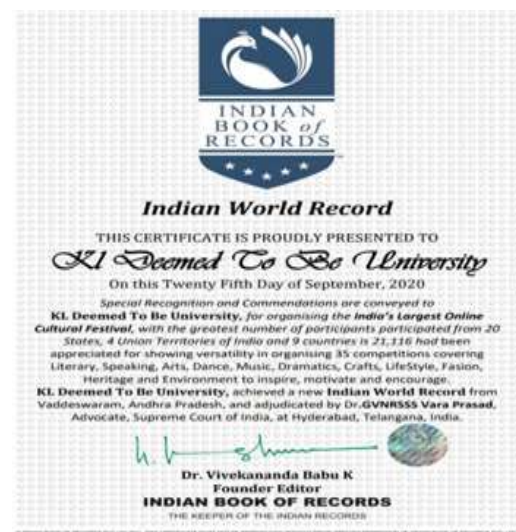
## Teachers Day Celebration Quiz Competitions

Every year 5th September is celebrated as Teachers' Day in KLEF. This day dedicated to teachers as a mark of respect to their contributions in shaping students life. It is commemorating the birth anniversary of Dr Sarvepalli Radhakrishnan, a Bharat Ratna Countries Prestigious award recipient, the first Vice President and second President of independent India. Dr Sarvepalli Radhakrishnan was born on September 5, 1888. On this occasion Vachas Clubs students conduct Quiz and essay writing competitions through online, E-Certificates are awarded to the winners as well to the participants. Dr.R.Subhakar Raju- Prof.In-charge of hobby clubs monitored the event.



## Teachers Day Celebration Quiz Competitions

Surabhi-20 is a National level cultural event conducted through online. Due to Covid Surabhi-20 International Level cultural competitions. In this event 21 types of competitions conducted throughout world by online. In which all the members from various hobby Clubs especially Narthana Club, Swara Club, Abhinaya Club, Vachas Club etc. Gave good performances along with other interested students from Engineering & Non Engineering. The performances are folk dancers, classical dancers, Western dancers, Dramas, Mimicry, and Singing. KLEF has received Indian World record from Indian Book of world records, for the conductance of mega event.



Competition	Participants
SPEAKING EVENTS	2373
LITERARY EVENTS	2322
DANCE EVENTS	1243
DRAMATICS {THESPIAN} EVENTS	1288
MUSIC EVENTS	1079
QUIZZES	5910
ARTS & CRAFTS	3237
FASHION & LIFESTYLE	807
SURABHI SPECIALS	2890
Total	21149

SPEAKING EVENTS	
Debate	1007
Floor Crossing	340
Fourth Estate	243
Mock Parliament-{ SURABHI SABHA}	462
MODEL UNITED NATIONS- { SURABHI SAMITHI}	321

LITERARY EVENTS	
CREATIVE WRITING	1490
CAPTION WRITING	832

DANCE EVENTS	
FREE STYLE DANCE { SOLO}	593
CALSSICAL DANCE {SOLO}	367
FOLK DANCE { SOLO}	283

DRAMATICS EVENTS	
MIME	204
MONOACTION	355
DUOLOGE/TRIOLOGUE- ROLE PLAY	337
CHANDAMAMA / AMAR CHITRA KATHA STORY TELLING	392

MUSIC EVENTS	
SOLO VOCAL	814
SOLO INSTRUMENTAL { GUITAR, KEY BOARD, VIOLIN, FLUTE, DRUMS }	265

QUIZZES	
INDIA QUIZ	2020
ENVIRONMENT QUIZ	1902
SPENT { SPORTS & EN.NMENT } QUIZ	1988

ARTS & CRAFTS	
PAINTING/ PENCILA SKETCHING- THEMATIC	1410
CARTOONING	443
CLAY MODELLING/ SAND SCULPTING	297
CRAFT MAKING { PAPER, CARDBOARD, VEGETABLE CARVING }	582
RANGOLI	372
EMBROIDERY	133

FASHION & LIFESTYLE	
TRADITIONAL FASHION SHOW- MULTI ROUNDS	807

SURABHI SPECIALS	
MR & MISS SURABHI- PERSONALITY CONTEST- INTER PERSONAL SKILLS	505
STONES SPEAK- NARRATING THE HISTORY of Prominent Heritage Sites	280
GIF OR VEDIO MAKING	270
PHOTOGRAPHY	667
FLIM MAKING , SHORT FLIMS / DOCUMENTRY	204
GAMING	964





# Engineers Day Celebrations Photography competitions

Every year KL University Celebrates Engineers Day on 15th September the birth anniversary of Bharat Ratna Sir Mokshagundam Visvesvaraya, (1861-1962). Celebrations conducted in K L E F by Chalana Chitra Club students of Hobby Clubs through online, by inviting participants to the Photography competitions. Students sent their photographs through online. E-Certificates are awarded to the winners as well to the participants. Dr.R.Subhakar Raju- Prof.In-charge of hobby clubs monitored the event.



**కేవల యూలో ఘనంగా ఇంజనీర్స్ డే**  
 శా.వేద్య, కె.ఎల్.ఎఫ్. కాలనీలో 15 సెప్టెంబర్ 2020న భారత రాజ్యాంగం వల్ల వచ్చిన మన దేశం యొక్క ప్రగతిని సూచించే ఒక ప్రత్యేకమైన దినం. దీనిని సంతకం చేసిన మొదటి భారత ప్రధాన మంత్రిగా సర్ మోక్షగుండం విశ్వేశ్వరయ్య గారు పేరుగాంచారు. ఈ దినాన్ని 'ఇంజనీర్స్ డే'గా పేరుపెట్టారు. ఈ దినాన్ని జరుపుకోవడానికి ప్రతి సంవత్సరం ప్రత్యేకంగా ప్రాధాన్యతను ఇస్తారు. ఈ దినాన్ని జరుపుకోవడానికి ప్రతి సంవత్సరం ప్రత్యేకంగా ప్రాధాన్యతను ఇస్తారు. ఈ దినాన్ని జరుపుకోవడానికి ప్రతి సంవత్సరం ప్రత్యేకంగా ప్రాధాన్యతను ఇస్తారు.

**మోక్షగుండం విశ్వేశ్వరయ్య అంకిత స్మారక యాత్ర**  
 శా.వేద్య, సెప్టెంబర్ 15, ప్రధాన కార్యదర్శి : మోక్షగుండం విశ్వేశ్వరయ్య అంకిత స్మారక యాత్రను కేవల యూలో జరుపుకుంటున్నాం. ఈ యాత్రను కేవల యూలో జరుపుకుంటున్నాం. ఈ యాత్రను కేవల యూలో జరుపుకుంటున్నాం.



**కేవల యూలో ఇంజనీర్స్ డే**  
 శా.వేద్య రూపంలో మోక్షగుండం విశ్వేశ్వరయ్య అంకిత స్మారక యాత్రను కేవల యూలో జరుపుకుంటున్నాం. ఈ యాత్రను కేవల యూలో జరుపుకుంటున్నాం.

**సాక్షి** Wed, 15 September 2020  
<https://paper.sakshi.com/c/548872>  
**ఈనాడు**  
 పత్రికారంగం (అంబేద్కర్) మోక్షగుండం సేవల మోక్షగుండం విశ్వేశ్వరయ్య అంకిత స్మారక యాత్రను కేవల యూలో జరుపుకుంటున్నాం.  
 Date : 16/09/2020 EditionName : AMNDHRA  
 PRADESH (GUNTUR CITY) PageNo : 05

# Gurajada Apparao Bithday Celebrations Online Essay writing

Hobby Clubs of KL Deemed to be University celebrated on 158th birthday of Mahakavi Sri. Gurazada Venkata Appa Rao on 21st September 2019. The motto of the programme is to create awareness among the students about Sri. Gurazada Venkata Appa Rao garu who was a great writer, social reformer, philosopher.

In this connection online Essay writing was conducted for the Students of KLEF. Hobby Clubs in KLEF is provides ample opportunity to learn new things which is useful in day to day life. All the participated students E-certificates are provided. Dr.KRS Prasad Dean Student Affairs, Dr.Habibullah Khan Student Affairs Advisor, Dr. R. Subhakar Raju Professor Incharge of the Hobby Clubs, appreciated the students.




## Report of World Pharmacist day KL College Pharmacy-National Webinar & online Quiz

K L College of Pharmacy, Koneru Lakshmaiah Education Foundation Deemed to be University has organized the National Webinar on "Transforming Global Health" on 25th Sep 2020 and online Pharma quiz in Pharmaceutics in the occasion of world Pharmacist Day. The webinar was aimed at providing comprehensive knowledge to the students of B. Pharm., M.Pharm.. There is a total of more than 300 participants were registered throughout India for the webinar and viewed the session in YouTube i.e., [https://youtu.be/4QoL09H\\_Swl](https://youtu.be/4QoL09H_Swl) with a more than 1K Views.

Keynote Speaker Prof. J. VijayaRatna Rtd. Professor, A.U. College of Pharmaceutical Sciences, Andhra University, Visakhapatnam on "Transforming Global Health". The Keypoints addressed by the speaker were

- Role of Pharmacist in transforming global health.
- Improving Quality of Medical and Pharmaceutical Care.
- Discussed about the case studies of their students.
- Counselling to the patients.



The program Introduced by Convener - Dr. GSN Koteswara Rao, Assoc. Professor, KLCP, Welcome Address by Chairman of event, Dr. G. Chakravarthi, Principal, KLCP, Opening Remarks by Organizing Secretary, Mr. D. Prasanna Kumar, Introduction of Speaker by Dr. RisyNamratha, Asst. Professor, KLCP, Scientific Talk by the Speaker - Prof. J. VijayaRatna Rtd. Professor, A.U. College of Pharmaceutical Sciences. The outcome of the webinar is helpful to all classes of students in Pharmacy for better understanding and practicing the pharmacy profession. Closing Remarks and Questions & Answers Session, Moderated by Dr. GSN Koteswara Rao, and Vote of Thanks by Mr. A. Narayana Rao, Asst. Professor, KLCP. This webinar is free of cost for participants and e-certificates issued to all the participants.

## Free Soul Dance Competitions by Narthana Club

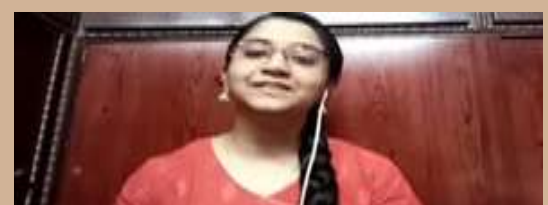
A National Level Free Soul Dance Competition held on 30th September 2020 through online. Organized by Narthana Club of Hobby Clubs in KLEF, 45 students have registered from various places, students sent their dance videos through online. Free Soul competitions were coordinated by Mr.U.Kanaka Prasad, Dance trainer. Dr.Habibulla Khan Advisor Student Affairs, Dr.K R S Prasad, Student Affairs, Dr.R.Subhakar Raju Prof In-charge Hobby Clubs appreciated the students.

S.No	Name of the student	Institution	Prize
1	Varun Marda	KL University –CSE	I Prize
2	Syabal	Pottisriramulu College of engineering –Mechanical	
3	Sandeep	KL University –BA-IAS	II Prize
4	Pranaya	KL University-ECE	III Prize



## Once More– monthly event – By Swara Club

Swara Club students paid tributes through once more to the legend SP Bala Subhamanyam, great singer of film Industry who sang nearly 50,000 songs in 17 languages all over the country. This event conducted for KLEF students through online. The jubilant personal have participated by playing with keyboard, Guitur, Drums, Violen and sing songs classical, western and vocal etc. The event monitored by Dr. R.Subhakar Raju Professor incharge of Hobby clubs.





### Solar Desalination Stills Awareness

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering National Service Scheme (NSS) Volunteers has conducted “Solar Desalination stills awareness” on 22-07-2020. This programme was through WebEx online medium with all NSS core team members and faculty members were participated. The main motto of this program is to bring the awareness among the students to give the solution to the arid area people who are having drinking water problems. So in order to overcome these drinking water problems we have discussed new techniques in the meeting like solar desalination stills and modified stills. Students and faculty members were attended for this program.



### Planting of Saplings with Geo-Tagging

Deemed to be University (Koneru Lakshmaiah Education Foundation) Department of Electrical and Electronics Engineering National Service Scheme (NSS) in coordination with the NSS initiate a season for a reason campaign, where student has to plant saplings (no limitation in number, but minimum of one) and should

take a selfie with it. The photograph should upload into the EEE NSS event database. This even is extended to next month as well to courage the students to go for new sapling or protect plant/tree premises.

The Students participated in the event so far III/IV and IV/IV B tech students. Also announced in the department regarding the individual (Student/Faculty) Geo-Tagging procedure of new sapling at their convenient places. The location geo tagging plant image has to upload in kobo collect app. The registrar circular about geo-tagging procedure is explained to individuals. The data is to be followed up in future days to complete this task.

### Aatmanirbhar Bharat – Swatantra Bharat

(Online Quiz Competition to Volunteers)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated “Aatmanirbhar Bharat – Swatantra Bharat” an online Quiz competition on 29th July 2020. KLEF All department NSS Volunteers active participate in this event.

As a part of Independence Day Celebrations 2020, an online quiz competition on "Aatmanirbhar Bharat – Swatantra Bharat" will be conducted by Ministry of Defence in coordination with My Gov during in order to create patriotic feeling among youth and masses. What is and meaning of Aatmanirbhar Bharat – Swatantra Bharat. The quiz will be in bilingual format i.e. in Hindi and English. Duration of the quiz will be 5 minutes (300 Seconds), during which a maximum of 20 questions can be answered. Indian citizens aged 14 years and above can participate in the quiz and win the exciting prizes. So we the NSS team, participated in the quiz and learnt new things.



## Rain water harvesting

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering National Service Scheme (NSS) Volunteers has conducted "Rain water harvesting" awareness programme on 29-07-2020. This program 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 they are having drinking water problems because of lack of water storage in the earth layers. So in order to avoid the drinking water problems the awareness on rain water harvesting is very

help full. In order to overcome these problems we have discussed new techniques in the meeting on different rain water harvesting processes. Students and faculty members were attended for this program.

## Waste Management

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering National Service Scheme (NSS) Volunteers has conducted "Waste Management" on 29-07-2020. In this awareness 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 pouring waste beside of canals and roads so in order to overcome these problems. We have discussed new techniques in the meeting on different waste management processes. Students and faculty members were attended for this program.



## Do You Know You Census

(Online Quiz Competition)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated "Do you know you "Census" on 30th July 2020 a part of Aatmanirbhar Bharat – Swatantra Bharat an online Quiz competition. KLEF All department NSS Volunteers active participate in this event.

As a part of Independence Day Celebrations 2020, an online quiz competition on "Aatmanirbhar Bharat – Swatantra Bharat" will be conducted by Ministry of Defense in coordination with My Gov during in order to create patriotic feeling among youth and masses. "Do you know you "Census". The quiz will be in bilingual format i.e. in Hindi and English. Duration of the quiz will

be 5 minutes (300 Seconds), during which a maximum of 20 questions can be answered. Indian citizens aged 14 years and above can participate in the quiz and win the exciting prizes. So we the NSS team, participated in the quiz and learnt new things.



## Conservation of Natural Resources

KL Deemed to be University (Koneru Lakshmaiah Educatio Foundation) Department of Electrical Electronics Engineering (EEE) National Service Scheme (NSS) is conducted a sensitizing program online webinar on "Conservation of Natural Resources" on 31st of July 2020. The Scheduled time at 4 pm through zoom online meeting application. The resource person has delivered,

the possible ways of conservation of natural resources. Estimation of CO2 footprint and Ecological footprint

The Resource person addresses the issues facing by the world by improper usage of the natural resources. Demonstrated to the participants hoe to access individual CO2 and Ecological FOOT PRINTS.

The testimonies addressed by the Mr. D. Kalyan, motivated the students to think about preserving natural resources, Mr. SOLAR SURESH from Chennai, Mr. SURAT from Gujarat also few Andhra Pradesh Socialists works are described. Apsrt from those KLEF initiate SMAR VILLAGE nature preserving events done by faculty and students were demonstrated.

Total participants for this event were 18 members from the KLEF different branches. Resource person interacted with the students after the session to carry forward the call to preserve the nature with more awareness events in the campus.

Web link: <https://zoom.us/j/96176631779?pwd=ampkdUVDTExxUXRGSgFFRjhaZWpFUT09>

Conservation of Natural Resource Sensitizing Programme

On 31<sup>st</sup> July, 2020, Friday @ 04.00 PM

Speaker: Mr. D. Kalyan  
NSS Faculty Incharge  
Asst. Professor, Dept. of EEE

Registration Link: <https://zoom.us/j/96176631779?pwd=ampkdUVDTExxUXRGSgFFRjhaZWpFUT09>

## Plantation @ Home

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering 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. 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.

"Save the trees, Save the Earth. We are the guardians of nature's birth"

## Rain water harvesting

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Civil Engineering National Service Scheme (NSS) Conducted Webinar on "Rainwater Harvesting" Awareness Programme on 05-08-2020. Among students in online platform and demonstrated previous tasks done by civil students

In the area of rainwater harvesting-Construction of soak pits at Govt Primary School Main Objective of this program to provide knowledge to newly registered students and other students to continue this work in new adopted villages adopted by NSS Unit- 09 We have discussed new techniques in the meeting on different Rain Water harvesting processes. Students and faculty members were attended for this program.



## Launch of Rashtriya Swachhata Kendra

(By Hon'ble Prime Minister)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS) Volunteers watched live streaming Launch of "Rashtriya Swachhata Kendra" by Hon'ble Prime Minister on 8th August, 2020.

Hon'ble Prime Minister Shri Narendra Modi inaugurated "Rashtriya Swachhata Kendra" an interactive experience centre on the Swachh Bharat Mission, on 8th August, 2020. A tribute to Mahatma Gandhi, the Rashtriya Swachhata Kendra (RSK) was first announced by the Prime Minister on 10th April 2017, on the occasion of the centenary celebrations of Gandhiji's Champarans Satyagraha.

The installations at RSK will introduce future generations to the successful journey of world's largest behavior change campaign, the Swachh Bharat Mission. A balanced mix of digital and outdoor installations in the RSK will impart information, awareness and education on Swachhata and related aspects. The complex interplay of processes and activities will be presented through assimilative learning, best practices, global benchmarks, success stories and thematic messages in an interactive format. All the KLEF NSS Volunteers watched this programme.



In Hall 1, the visitors will experience a unique 360° audio visual immersive show, which will narrate India's Swachhata Story - a journey into the largest behavior change campaign in the history of the world.

In Hall 2 contains a series of interactive LED panels, hologram boxes, interactive games and much more, to tell the story of the work done to achieve Bapu's vision of a Swachh Bharat. The open-air displays in the lawn adjacent to RSK will showcase three exhibits which are anecdotes from the journey of India from Satyagraha to Swachhagraha, The artistic wall murals around the Kendra also chronicle the core elements of the Mission's success.

The Swachh Bharat Mission has transformed rural sanitation in India and has changed the behaviors of over 55 crore people from open defecation to using a toilet. India has received high praise from the international community for this and we have set a precedent for the rest of the world to follow. The mission is now in its second phase, aiming to take India's villages from Open Defecation Free (ODF) to ODF Plus, with a strong focus on sustaining ODF status and ensuring solid and liquid waste management for all. As an NSS team we need to know about it so we watched the programme through the link given.

20 members of our team were part of the event.





## Webinar on Organ Donation

(Awareness Program)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated in Webinar on Organ Donation (Awareness Program) on the eve of "World Organ Donation Day" which is on 13-08-2020. Even after death, some organs of the body can be preserved and stored. If these organs are donated, it might save somebody else's life. The rate of organ donation has significantly increased due to the number of successful cases.



Organ Donation is defined as the removal of organs from a body and transplanting it to a new body by surgical means. The requirement for new organs usually arises when a person loses an organ to some accident or stops functioning.

Ex: Liver, Retina, Heart, Kidney etc...

Organ transplant depends on the availability of human organs. Organ transplantation is the only way of saving lives of patients who have had terminal organ failure. A person can sign up and register for donating his organs. In this case, a person voluntarily consents to donate his organs after his death. After he passes away, the doctors remove the eyes and other organs that can be preserved from his body and stores them. These donated organs are used to help patients in need of organ transplantation.

Also, if a person is declared brain dead by doctors, his family members can officially consent to donate his organs. Such cases usually happen when a patient is desperately in need of an organ and delay can be fatal.

So, the speaker of the webinar explained the need, importance and all other details regarding the organ donation.



"Give Some One a Second Chance - One Organ Can Save 8 Lives" "Be a Donor, Be a Hero"

"Nothing Can Be Better Than Helping Someone after Your Death When You Donate Your Organs"

## Plantation @ House

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering National Service Scheme (NSS) Volunteers has conducted "Plantation" on the occasion of Independence Day on 15-08-2020. The programme through online mode with all NSS core team members and faculty members the main motto of this program is to bring the awareness among the students to save the earth. Students planted small saplings at their convenient places safely and completed geo tagging for that and posted in the group for the proof. Volunteers actively participated in the event and made success.



## Launch of Fit India Youth Club

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS) Volunteers participated programme live streaming launch of "Fit India Youth Clubs" on 15th August 2020 KLEF All departments NSS Volunteers active participate in this event. The Fit India Youth Club, a part of the Fit India Movement envisioned by Honourable Prime Minister Shri Narendra Modi, endeavours to harness the power of youth to create mass awareness about the importance of fitness, across the country.

The Fit India Youth Clubs bring together fitness and voluntarism in a unique way in which 75 lakh volunteers of Nehru Yuva Kendra Sangathan and National Service Scheme, along with Scouts and Guides, NCC and other youth organisations will come together to register as Fit India Youth Clubs in every block in the country, under the aegis of a district unit and each member of the club will motivate people from the community to take up fitness activities of 30 to 60 minutes in his or her daily routine," read a sports ministry release.



As an NSS team we need to know about it so we watched the programme through the link given.

Additionally, the clubs will encourage schools and local bodies to organize one community fitness program every quarter. Speaking about the initiative, Rijiju said, "Only a fit citizen can contribute adequately to his or her country and help fellow citizens in their times of need. India is a country of 1.3 billion people, and we have 75 lakh youth volunteers already, and that number will go up to 1 crore very soon."

The run has already gathered momentum across the country, with elite athletes, corporate leaders, men in uniform, school students taking to social media and

posting pictures and videos of their Independence Day run with #Run4India and #NewIndiaFitIndia.

Various organisations like CISF, ITBP, BSF, CBSE Schools, CICSE schools, our own NSS, NYKS volunteers Scouts and Guides other youth organisations are taking active part.

## Workshop on Using of Eco-Friendly Ganesha (State Level Virtual Awareness Program)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated programme live streaming in "State Level Virtual Awareness Workshop on Using of Eco-Friendly Ganesha" on 21st August, 2020.

NSS Cell of BEST Innovation University – Anantapur Andhra Pradesh, in association with Telangana State Biodiversity Board, Telangana State Pollution Control Board and Lee Shreyus foundation has organized "State Level Virtual Awareness Workshop on Using of Eco Friendly Ganesha" on 21st August, 2020 from 10:30 am – 03:00 pm. Nearly 300+ members participated.



India is land of Festivals, we welcome the seasons, harvest, rain etc... We worship animals and plants. If we carefully see right from local festivals to national wide big festivals. They are about conservation of natural resources. If we understand every festival it is evident that our culture actually is protecting nature and the festivals suggest us to live in harmony with nature i.s we are living sustainable life.

Various surveys indicate that there is a significant increase in water, air and noise pollutions during and just after the festivals. But any celebrations should not harm, hurt or



disturb anyone right from aged to children and also to our precious ecology. It is our responsibility to make use of eco-friendly festivals in a larger way so that there will be a pollution free atmosphere everywhere and we can celebrate it without any harm to our environment.

We can make Eco Friendly Ganesh Idols with "Mud/Clay" or "Turmeric" or "Flour". Be The Change Go For Green (Clay) Ganesh" Be Eco-Friendly...Use Eco-Friendly...

## Swachh Bharat @ Home

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers to keep their surroundings neat and clean to maintain a healthy Hygiene on "Swachh Bharat @ Home" 26-08-2020. 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.



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 are 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"

## Solar Power Generation

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Civil Engineering National Service Scheme (NSS) Conducted Webinar on "Solar Power Generation" Awareness Programme on 29-08-2020 Among students in online platform and demonstrated previous tasks done by civil students

Awareness Program among students in online platform and demonstrated previous tasks done by civil students in the area of Solar Power Generation Main Objective of this program to provide knowledge to newly registered students and other students to continue this work in new adopted villages adopted by NSS unit – 9 We have discussed new techniques in the meeting on Solar power generation and its feasibility to install in villages. Students and faculty members were attended for this program. Link:

<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=mbb847c919d2f63e5d042866ba9eb859f>



## Fitness @ Home

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers in the challenge "Fitness @ Home" on 29th August, 2020. On August 15th, Indian Government started "Fit India Youth Club" with the motto of NewIndiaFitIndia. The Fit India Youth Club, a part of the Fit India Movement envisioned by Prime Minister Narendra Modi, endeavours to harness the power of youth to create mass awareness about the importance of fitness, across the country.

KLEF NSS Cell is organised online Fitness Challenge on the eve of "National Sports Day" i.e. 29th August 2020.



Physical activity or exercise can improve your health and reduce the risk of developing several diseases like type 2 diabetes, cancer and cardiovascular disease. Physical activity and exercise can have immediate and long-term health benefits. Most importantly, regular activity can improve your quality of life. Exercise can help prevent excess weight gain or help maintain weight loss. When you engage in physical activity, you burn calories. The more intense the activity, the more calories you burn.

Regular exercise helps prevent or manage many health problems and concerns, including:

- Stroke
- Metabolic syndrome
- High blood pressure
- Type 2 diabetes
- Depression
- Anxiety
- Many types of cancer
- Arthritis
- Falls

It can also help improve cognitive function and helps lower the risk of death from all causes. Exercise delivers oxygen and nutrients to your tissues and helps your cardiovascular system work more efficiently. And when your heart and lung health improve, you have more energy to tackle daily chores.



Regular physical activity can help you fall asleep faster, get better sleep and deepen your sleep. Just don't exercise too close to bedtime, or you may be too energized to go to sleep. Exercise and physical activity can be enjoyable. They give you a chance to unwind, enjoy the outdoors or simply engage in activities that make you happy.

Physical activity can also help you connect with family or friends in a fun social setting. Exercise and physical activity are great ways to feel better, boost your health and have fun.

"NEW INDIA FIT INDIA"

## Mann Ki Baat

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers have participated in the Prime Minister's "Mann Ki Baat" on 30th August 2020. Honourable Prime Minister Sri Narendra Modi on Sunday addressed the Nation through his radio programme 'Mann Ki Baat'.

Its 68th Edition of 'Mann Ki Baat'



### Innovation:

India is known as a land of innovators. He encouraged youth to be more innovative. Everyone acknowledges capability of Indians to offer innovation, solutions, when there is dedication and sensitivity, this power becomes limitless. At the beginning of this month an app innovation challenge was put before youth of country.

### Regarding ONAM:

This is time for festivals, but there should be sense of discipline among people due the present pandemic situation. We need to celebrate festivals with simplicity and with more devotion. Onam festival also being celebrated with gaiety and fervour. The zest of Onam today has reached distant shores of foreign lands. Be it America, Europe or Gulf countries, the verve of Onam can be felt everywhere. Onam is increasingly turning out to be an international festival.



### Regarding Toys:

Globally toy industry is over 7 lakh crore but India's share is very small, we need to work collectively to increase it. We should develop toy clusters in India to make our nation a toy hub. We have given focus on toys in the National Education Policy too. Learning while playing, making toys etc has been made a part of curriculum.



### Regarding Farmers:

Even in the present crisis farmers are working hard. What they have achieved in the testing times of corona is noteworthy. Sowing of Kharif crops has been seven percent higher than last year while cotton has been sown about three percent higher.



### Regarding Nutrition:

In this revolution for nutrition, people participation is also very important. Public participation makes it successful. In the last years, a lot of efforts have been made in this direction.



### Regarding App Challenge:

Under Aatma Nirbhar Bharat app innovation challenge, there is an App 'Kutuki Kids Learning App'. This is an interactive app for children in whom they can easily learn many aspects of maths, science through songs and

stories. This challenge is aimed at identifying the best Indian Apps that are already being used by citizens and have the potential to scale and become world class Apps in their respective categories. He also asked the young entrepreneurs to develop computer games.



### Regarding Dogs:

PM hailed the role of dogs in various security operations. He spoke about the Indian Army dogs Vida and Sophie, who were awarded the Chief of Army Staff 'Commendation Cards' on the 74th Independence Day this year. He urged all Indians who were thinking of adopting pets to bring home dogs of local breeds.



## Ayush for Immunity

(Online Quiz Competition to Volunteers)

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated Aatmanirbhar Bharat – Swatantra Bharat an online "Ayush Immunity Quiz Competition" on 2nd September 2020. KLEF All department NSS Volunteers active participate in this event.

An online quiz competition on "Ayush for Immunity" will be conducted by Ministry of Ayush in coordination with

My Government Corona hub. The quiz will be in bilingual format i.e. in Hindi and English. Duration of the quiz will be 5 minutes (300 Seconds), during which a maximum of 20 questions can be answered. Indian citizens aged 14 years and above can participate in the quiz and win the exciting prizes. So we the NSS team, participated in the quiz and learnt new things.



You are the master of your own health. This is the central theme of the campaign "Ayush for Immunity", launched by the Ministry of AYUSH. The immense strengths of Ayush systems of healthcare in enhancing immunity came into the spotlight during the #Covid-19 crisis.

To increase awareness about Ayush practices that help increase general health and immunity, the Ministry of AYUSH has launched the campaign "Ayush for Immunity". This citizen-centric campaign will focus on simple and easily accessible solutions for improving general health of citizens across the country.

AYUSH for Immunity Quiz

Start Date: 21-08-2020 End Date: 14-11-2020

Indian citizens aged 14 years and above can participate in the quiz and win the exciting prizes. So we the NSS team, participated in the quiz and learnt new things.



## Agriculture and Irrigation

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Department of Mechanical Engineering National Service Scheme (NSS) has conducted importance and awareness of Agriculture & Irrigation on 04-09-2020. This program 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 they are not using latest technology for cultivating their paddy lands and they are not using dripping systems for the wetting process of their lands. So in order to make farmers to use these techniques in their cultivation. We have conducted this programme and students had discussion on the latest problems facing by the farmers. They are trying to give the solutions to identified problems with the help of their technical knowledge. We have discussed new techniques in the meeting on different Irrigation techniques. Students and faculty members were attended for this program.

WebEx Meeting Link: <https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=md1f982d71758a798ac35f5c9c2b58ede>

## Poshan Abhiyaan

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated in webinar on best practices and success stories from "Poshan Abhiyaan" by Ministry of Women and Child Development on 7th September 2020. Webinars on Best Practices and Success Stories from Poshan Abhiyaan and Nutrient Requirement for Children and Mothers during first 1000 days organized as part of the celebration of Third Rashtriya Poshan Maah.





The Ministry of Women & Child Development, Government of India, is organizing a series of webinars during the Third Poshan Maah being celebrated in September 2020. The first webinar on Best Practices and Success Stories from Poshan Abhiyaan was organized on 7th September. The second webinar was held today on the topic of Nutrient Requirement for Children and Mothers during first 1000 days.

The webinars were presided over by Smt. Smriti Zubin Irani, Union Minister of Women & Child Development and Textiles. Participants included Smt Debasree Chaudhuri, Union Minister of State for Women & Child Development, Shri Ram Mohan Mishra, Secretary, Women & Child Development, Government of India, representatives of Partner Ministries and State Governments, representatives from International Organizations and Development Partners, PRI members, ICDS functionaries, State WCD representatives, Domain experts, Nutritionists, Ministry officers and others.

Addressing the webinars, Smt Smriti Zubin Irani, Union Minister, appreciated the efforts of the coordinating ministries and appealed to all to promote Jan Bhagidari in making all-out efforts to make the Poshan Abhiyaan a success. She said that the Ministry of Women & Child Development plans to compile best practices and success stories into an E-book.

The thematic agenda for the Webinar on Best Practices and Success Stories of Poshan Abhiyaan yesterday included discussion on the need for renewed focus on nutrition during COVID-19, need for innovation and agro-diversity in nutrition, sharing of best practices and success stories in establishing Nutri-Gardens in Lakshadweep Anganwadi Centres, online tracking and adoption of Severely Acute Malnourished (SAM) Children in Gujarat, revamping supplementary nutrition preparation & distribution and inclusion of Millets in Odisha, adoption

of SAM children by Government officials in Uttarakhand, and identification drive for SAM children in the UTs of Dadra and Nagar Haveli and Daman and Diu, which have predominantly tribal population and high prevalence of malnutrition amongst the children.

## Fire Safety Mock Drill

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS), Planning & Development jointly Conducted "Fire Safety Mock Drill" on 7th September 2020 by Andhra Pradesh State Disaster Response and Fire Services Department Guntur District Mangalagiri.

Fire Officer Mr. Venkateswara Reddy and Staff had given Awareness and Mock Drill on Fire Accidents in KLEF OAT (Open Air Theatre) for Faculty, Staff and workers. All Faculties had participated in the Drill.



## Fire Hazard:

"Fire is a good servant but a bad master" is a saying which is true with a fire hazard. Fire is a naturally occurring companion of energy released in the form of heat and



light, when oxygen combines with a combustible or burnable material at a suitable high temperature.

There are three components in fire viz. fuel, heat and oxygen. These three in the right combination produces fire. These three forms a 'fire triangle'. Taking away any of the three components can extinguish fire. Fire hazards pose threats to life and property.



Fire is one of the most common hazards in the state due to which many lives and damages occur every year; hence Fire safety is very important aspect of disaster prevention. Fire can be prevented with adequate planning and proactive response at the initiation of fire.

Precautions for Fire Accidents:

Mainly Fire Accidents are two types

1. LPG (Gas)
2. Electrical

Things to be used to control the Fire:

- Gas Fire accidents - CO<sub>2</sub>
- Oil accidents – Foam
- Metal accidents – DCP
- Grace accidents - Water

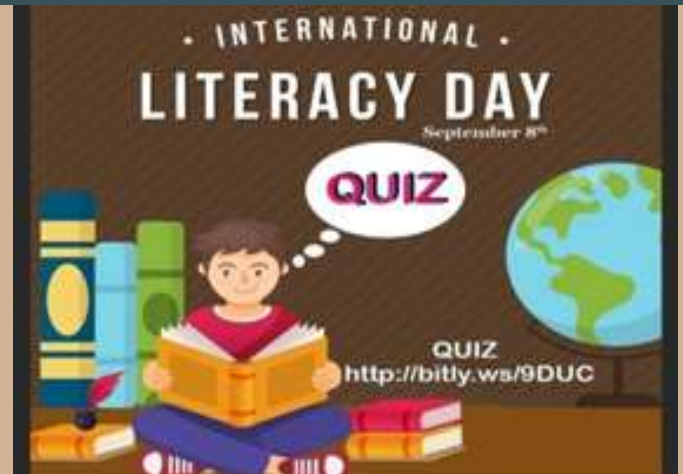
How to use Fire Extinguishers

"Ensure Fire Safety, Save Life, Save Property"

## International Literacy Day

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Electronics and Communications Engineering (ECE) Unit- 02 National Service Scheme (NSS) has organized a online Quiz Competition on the eve of "International Literacy Day" on 08th September 2020.

Since 1967, International Literacy Day (ILD) celebrations have taken place annually around the world to remind the public of the importance of literacy as a matter of dignity and human rights, and to advance the literacy agenda towards a more literate and sustainable society. Despite progress made, literacy challenges persist with at least 773 million adults worldwide lacking basic literacy skills today.



People with no or low literacy skills, who already face multiple disadvantages in their daily lives, have also had limited access to health and preventive information about the corona virus and online learning opportunities to continue their education. The COVID-19 crisis has shed light on the unpreparedness of infrastructure, education systems, programs, and people for ensuring the continuity of teaching and learning in such a situation.

So we as NSS planned to conduct a QUIZ which is useful to gain knowledge regarding literacy. Many students participated in the quiz and bagged the knowledge. Certificates are awarded to all the participants who attempted the quiz.

## Rainwater Harvesting

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Mechanical Engineering Department Unit- 03 National Service Scheme (NSS) has conducted "Rainwater harvesting" awareness programme through WebEx on 11-09-2020. 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 they are

having drinking water problems because of lack of water storage in the earth layers, so in order to avoid the drinking water problems the awareness on rain water harvesting is very help full. In order to overcome these problems we have discussed new techniques in the meeting on different rain water harvesting processes. Students and faculty members were attended for this program.

## World Anti Suicide Day

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) National Service Scheme (NSS) and Youth Red Cross (YRC) Conducted Webinar on “World Anti Suicide Day” on 11-09-2020. All NSS Unit Volunteers and Program Officers joined the webinar and G. Sumathi was the speaker of the webinar.

As per World Health Organization

- Close to 800 000 people die by suicide every year. Furthermore, for each suicide, there are more than 20 suicide attempts.
- Suicides and suicide attempts have a ripple effect that impacts on families, friends, colleagues, communities and societies.
- Suicides are preventable. Much can be done to prevent suicide at individual, community and national levels.



So it is necessary to aware people regarding this, so that they can overcome the tendencies that provoke them to commit suicide or help their colleagues, friends or relatives not to commit suicide.

#saynotosuicide

The speaker explained various reasons why people tend to commit suicide and what situations make them to do so. Also the ways we can help people not to commit suicide. Finally the speaker also clarifies the queries of the attendees.

## National Educational Policy- 2020

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Engineering & Non-Engineering National Service Scheme (NSS) Volunteers participated in webinar National Education Policy- 2020 by Ministry of Education, Government of India on 16th September 2020. As part of SHIKSHAK PARV, Ministry of Human Resource Development is organising webinar sessions to create awareness to people regarding the new National Education Policy 2020.

As a part of it, Session three of the webinar is planned to educate volunteers of NSS, Nehru Yuva Kendra Sangathan, NCC & UBA regarding NEP 2020. To this webinar Defence Minister of India Rajnath singh, Union Education Minister Dr. Ramesh Pokhriyal Nishank - MoS, Ministry of Youth and Affairs, Government of India Shri Kiren Rujiju and MoS for Education Shri Sanjay Dhotre joined the live.



In the Webinar Rajnath Singh said, many important changes have been made under NEP. Its main objective is to build a strong, prosperous and superior India, with a focus on the overall development of students.

## World Ozone Day

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Computer Science Engineering (CSE) Unit- 07 National Service Scheme (NSS) Team has organized a "Drawing Competition" on the eve of "WORLD OZONE DAY" i.e. 16th September, 2020. Every year September 16th is we celebrate World Ozone Day. The main aim is to remind the world about the depletion of the ozone layer and its dangers.

The ozone layer of the Earth protects us from the harmful ultraviolet rays of the sun. Unfortunately, our race for maintaining a high quality of life has led to its depletion. On 1st January 1989 the Montreal Protocol came into force to stop the depletion and reduce the usage of substances that cause holes in our protective blanket. Sustaining the Ozone layer is hence the collective responsibility of all the nations.



We as NSS planned to conduct a Drawing Competition with theme "Save Ozone Save Earth" to exhibit your creativity and ideas towards importance to save ozone layer out of depletion. Many students participated in the competition and showcased their creativity. Certificates are awarded to all the participants who participated in the competition.



All Educational Institutions including our youth, students, and teachers are brand ambassadors of NEP2020. In the Webinar Dr Ramesh Pokhriyal Nishank called on all stakeholders, parents, teachers, organisations like NCC/ NSS/NYKS to start awareness campaigns and education dialogue for grassroots implementation of the policy. Kiren Rijiju hailed the reforms in NEP2020 and assured Youth Affairs and Sports Ministry's support for the policy. He said that to take the policy forward and promote it at the ground level amongst the youth, various seminars and workshops will be held.

The event also witnessed the launch of a handbook 'Web Resources for NSS, NCC, NYKS and UBA Volunteers for Dissemination of Information on National Education Policy 2020'. Under NEP2020, More HEIs will use the mother tongue/local language as a medium of instruction, and/or offer programmes bilingually. Private HEIs too will be encouraged and incentivised to use Indian languages as medium of instruction and offer bilingual programmes. Working towards the preservation, growth and vibrancy of Indian values and culture, NEP2020 will boost cultural awareness among the youth.

By focusing on literature and scientific vocabulary of Indian Languages, the policy will promote all Indian Languages. In order to preserve and promote India's languages, high-quality programmes and degrees in translation and interpretation within the Higher Education system will be created under NEP2020. NEP2020 recognises that knowledge of India's rich diversity should be imbibed first hand by learners. To help the youth gain knowledge of various parts of India, 100 tourist destinations will be identified where educational institutions will send their students. The aim of assessment in the culture of our schooling has encouraged rote memorisation.

As envisioned NEP2020 will focus on skill development and pave way for competency-based learning, help the youth to become AatmaNirbhar

"Education is the most powerful weapon which you can use to change the world"

## Plantation @ My Home

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) B.Pharmacy and Bio Technology National Service Scheme (NSS) has conducted Plantation @ my Home. 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. 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.

"Save the trees, Save the Earth. We are the guardians of nature's birth"

## NSS Day Celebrations (Youth Festival)

KL Deemed to be University (Koneru Lakshmaiah Foundation) National Service Scheme (NSS) has conducted NSS Day, Youth Festival on 23rd & 24th September 2020. The National Service Scheme (NSS) is a public service program conducted by the Ministry of Youth Affairs and Sports. Every year, NSS day is observed on September 24th across India. The National Service Scheme was launched in 1969, the Birth centenary year of Mahatma Gandhi in 37 Universities involving 40,000 students. It has now been extended to all the states and Universities of the country. In the year 1952, the government emphasized the requirement of social and labour service by Indian students for a year.

NSS:

The National Service Scheme (NSS) is a central sector scheme of the government of India, Ministry of Youth Affairs & Sports. It allows the students of 11th & 12th



Technical Institutions, graduate & post-graduate at colleges and university level of India to be a part of various government-led community service activities & programmes. It aims to provide hands-on experience to young students in delivering community service. Since the formation of NSS in 1969, the number of students has increased from 40,000 to over 3.8 million up to the end of March 2018.

The symbol for the NSS has been taken from the Rath Wheel of the world-famous Konark Sun temple. The eight strokes in the wheel represent 24 hours of a day which is a reminder to be ready in the service of the nation round the clock. The red color indicates youth full of passion, energy. The blue colour indicates NSS as a tiny part of the cosmos, always ready to contribute to the welfare of mankind.

“Public service must be more than doing a job efficiently and honestly. It must be a complete dedication to the people and to the nation - Margaret Chase Smith”

All Worlds is now in pandemic situation due to the spread of deadly virus covid-19. Due to this many of us around the world are stopped our regular activities and are saving our lives by staying in home. So to celebrate the 51st NSS Day, we the KLEF NSS team came forward to conduct few events through online and boost up the confidence in our volunteers. We also invited students across the country to be part of it. Many students from various colleges and universities participated.

We created some posters regarding the event and circulated them in social media. The response we got from the students all over the nation is tremendous. We got nearly 1500 responses and all attended and made the event a grand success.

So we planned well and created groups for every event separately and scheduled in a way that anyone can participate in as many events they like. We used the WEBEX and ZOOM platforms to conduct the events.

**Workshop:**

In this workshop, our NSS designing team delivered a session regarding editing pictures, designing posters etc. They had chosen the photo shop software and explained all the tools present in it and later explained how to design a sample poster and edit pictures.

**Quiz:**

As we are from team NSS, we conducted a Quiz regarding the NSS only, so that the participants can attempt it and bag the knowledge regarding NSS.



**Drawing:**

In this event we given time duration and asked the participants to draw on their interested theme and submit them in the link given.



**Elocution:**

In this we had given a topic for the participants and given time duration to speak about it. PO's acted as judges and decided the winners.



**Debate:**

For this event we conducted two slots, as the registrations are more and picked up the toppers from each round and conducted final round for them. From the Final round we picked the winners from them. All the participants raised good points on the topic given and made the debate more and more interesting.



**Photography:**

In this we said the participants to submit the best picture they had taken till date. And later the judges picked the best one from all the submitted pictures and announced them as the winners.



24th September 2020

On the second day, we started with a meeting with Program Coordinator, Program Officers and the fresher's who joined the NSS recently. They explained about the NSS, its activities, its motto etc and created awareness to freshers. At last we exposed our NSS units work in the form videos and achievements in the following years. For this academic year the Program coordinator announced the core team who need to lead the units there and plan activities and organise them.

**Movie Buzz:**

Actually the event is from 4:00 PM to 5:00 PM, but we got huge responses for the event. So we pre-poned the event to make every participant can join this and have fun. We given 5 questions regarding the movies which contain dialogues, songs and puzzle (decode movie name by using the image given). All participants participated actively and made this event very memorable one.



**Rapid Fire:**

Actually the event is from 4:00 PM to 5:00 PM, but we in this event we asked participants some questions related to technical and non-technical. And we gave a stipulated time to answer the question. The participant who answered more questions was announced as winners.

**Brain Teasers:**

In this event participants are asked some brain teasers and they should answer them in the time given. This event is also conducted in two rounds and winners are taken from each round and finally winners are announced.



## Scribble & Guess the Word:

In this event we assigned each core member with some participants and they have to scribble the image on a draw board and the participant should guess it. For this we used online software.



## Prevention of Heart Attack & Stroke

KL Deemed to be University (Koneru Lakshmaiah Education Foundation) Computer Science Engineering (CSE) Unit – 07 National Service Scheme (NSS) has conducted an "Awareness program on Prevention of Heart Attack & Stroke" on 30th September 2020 on the eve of "World Heart Day".

As 29th September is "World Heart Day", it's a reminder to take care of your heart so that you live a better, longer and more heart-healthy life. Do what it takes to start, to have a healthy heart. The one organ in our body which gives us the real meaning of being alive is our heart.



Dr. Murali Babu Rao, Senior Cardiologist from Guntur Government General Hospital is the speaker of the webinar. Unit Program Officer Dr P. Yellamma, other unit PO's and NSS volunteers joined the webinar and gained knowledge regarding heart diseases. The Doctor had discussed many topics related to heart, prevention of heart diseases, symptoms, risks, diet to be taken and things to follow daily to be healthy etc...



Dr. Murali Babu Rao, Senior Cardiologist, Guntur, Government General Hospital session

Topics Discussed:

- What is Heart Disease?
- What is Atherosclerosis?
- What is Coronary Artery Disease?
- Are other organs affected?
- Symptoms of Heart Disease?
- What Increases the risk?
- Good vs. Bad Cholesterol?
- Obesity?
- Various reasons that causes heart diseases? (Smoking, physical inactivity, Alcohol, Diabetes etc...)
- Preventing Steps to protect Heart.
- Dietary Guidelines
- Exercise
- Stop Smoking and Alcohol Consumption
- Controlling Blood Pressure
- Controlling Blood Sugar
- Reducing Cholesterol

Heart disease is often avoidable. Following a heart-healthy lifestyle doesn't have to be complicated, and it doesn't mean you need to live a life of self deprivation.

Instead, find ways to incorporate heart-healthy habits into your lifestyle and you may well enjoy a healthier life for years to come.

"Misfortunes always come in by a door that has been left open for them"



NCC

## Motivational Diaries

DETERMINATION THROBS SUCCESS! Failure will never overtake you if your determination to succeed is strong enough. No matter how obscure the path is determination always takes to the destination. Our greatest weakness lies in giving up, the most certain way to succeed is always to try just one more time!



INDIA'S FIRST FEMALE BLADE RUNNER- KIRAN KANOJIA, who is a true inspiration to the young minds, interacted with the NCC cadets of KLEF on 3rd July 2020 through a webinar held by the NCC unit of KLEF in the presence of our vice chancellor, Dr L.S.S Reddy sir and Dean student affairs, Dr. Habibulla Khan sir.

Kiran Kanojia inspired all our cadets by sharing her extremely motivating life journey. She was a simple girl from Faridabad who completed her graduation and landed a job offer at Infosys. It was a day before her 25th birthday, 24th DECEMBER 2011 and it turned out to be the life changing day. She was travelling to her home town by a train, when 2 boys snatched her backpack, she didn't let go of the bag and was dragged onto the floor towards the

exit door. Her leg got entangled into the footrest of the coach, immediately she was taken to the nearby hospitals and was said, doctors had no choice but to amputate her left leg below the knee. It felt like all her dreams were taken away from her. Doctors informed her that "YOU ARE NOT GOING TO RUN" and that was the crucial moment when her perception towards life changed and said "I AM GOING TO RUN". From that moment she trained herself physically and mentally fit for running. She joined dhakshin rehab amputees, got herself the running blades and started to chase her dreams without giving up and now she was known as "INDIA'S FIRST FEMALE BLADE RUNNER"

When one of our cadets asked her to state a single sentence about her success she told "YOU CAN DO IT, when I can do it everyone can do it".

The session was held through Google meet and streamed live on YouTube was attended by 82 cadets and many other viewers and got an huge response, which inspired us to conduct many other sessions in future Our cadets were motivated and inspired by her life story and asked her a few questions and the session turned out really interactive. Total 120 Cadets and students and 10 faculties are participated in this event.





## Tree Plantation

Our lives were depended on the nature for survival and for the matters of basics such as: AIR, WATER & FOOD. As we are all aware of the environment is the crucial player for survival of any organism on this planet, the conservation and developing the environment is considered as the important event of this modern world as the environmental changes are becoming a threat to living organisms.

In the view of saving the nature and enjoying its various benefits, we the NCC unit of KLEF on the instructions of commanding officer "22 Andhra Battalion NCC, Tenali", started tree plantation on 17th August 2020 at domicile of cadets on their own and By involving neighbours to explain the science behind planting trees in the modern world and its benefits on 17th August 2020. The event has got a good sound of response with active participation of cadets and their family member's, neighbours together in the event.

As per the instructions given to all the SD, SW cadets to maintain social distance and precautions while involving in event, thus followed the same. watering the planted trees twice a day and protecting them from the external hands were mandated.

The idea of planting trees and conserving the environment now should be changed to "NO DEFFORESTATION & SAVE EARTH, SAVE LIVES" from "save trees save world". We taught the cadets to follow this ideology which enhances the future through optimistic usage of resources available.



## Kargil Vijay Diwas

It was year 1999, The Indian soldiers in extreme conditions of weather and temperature turned out to curtail the infiltration by Pakistani troops into Indian Territory at various border areas in the northern part of India. The "Kargil War-1999" is known for its glorious victory and valour of Indian soldiers. As every year 26th July is celebrated as Kargil Vijay Diwas to commemorate the victory, valour and sacrifice of our brave soldiers. On this Kargil Vijay Diwas-2020, our NCC Unit of KLEF had remembered the greatest Indian military war through a webinar interacting with veteran soldier of Indian Air Force- SERGEANT GMS RAJU, who served in IAF for 15 long years with a record of participation in 3 major wars namely: INDO –CHINA WAR 1962, INDO-PAK WAR 1965, INDO-PAK WAR 1971.



The speaker of the webinar shared all his experiences and given a thrust for all our cadets. Starting with the experience of his service forwarded with tips for joining armed forces. Moreover cadets are explicitly come up with questions pertaining to armed forces and career in armed forces. Webinar continued for more than 2 hours with a wide interaction. Social media coverage has been took place and accounted with 150+ viewers including our NCC cadets.

It was an amazing session and great opportunity to interact with a veteran soldier of INDIAN AIR FORCE.

## Covid Awareness

Gaining knowledge with ease is the key for unlocking a smart person whereas creating awareness is the key for unlocking a smart nation. A chain of awareness has to start from the very basic unit of population i.e., a family. As the world is shook by the Corona virus, awareness acts as the first aid which soothes the haunting fear in people.



The cadets of NCC Unit of KL University of 22'A BT NCC, Tenali were asked to take a step forward and share and discuss precautions, (if attacked)the care to be taken in order to get rid of it, the need of mental strength..Etc using pluck cards. This is the activity that was assigned to the cadets.

## My Learning from the COVID-19 Pandemic

Learning new things is a survival strategy. Lockdown due to corona virus made every citizen of the nation to confine themselves to their homes. People got a break from their tight schedules and got some relief and now have the time to explore the unexplored i.e., to learn new things within their living space.

It's been more than 6months since the world saw the impact of corona virus and in the beginning people of all age groups were house arrested in order to save themselves .It is being observed that people started to learn something productive. And the activity is all about it.



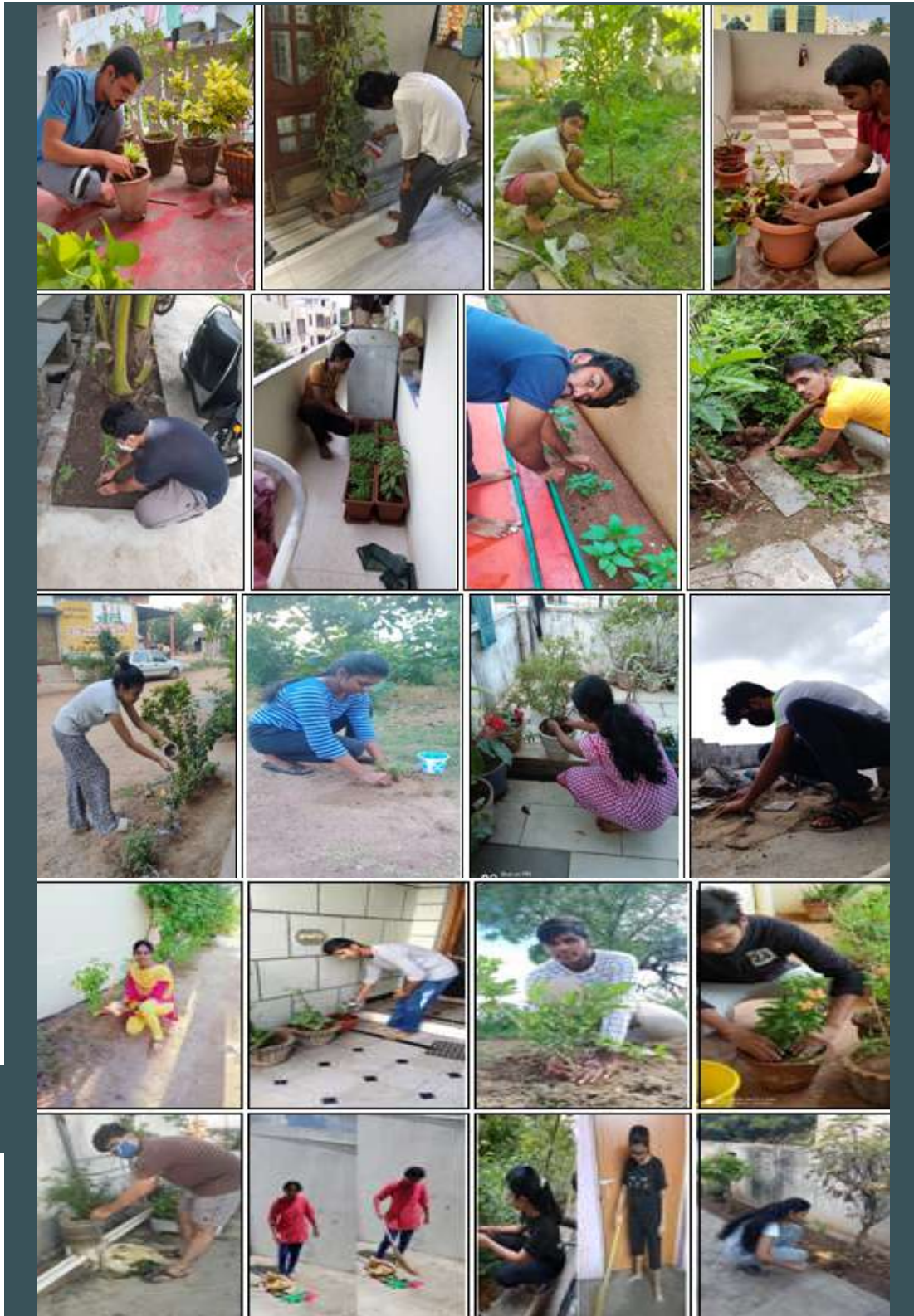
The cadets of NCC Unit of KL University of 22'A BT NCC, Tenali were instructed to upload their photos while performing any indoor activity ( cooking, cleaning..etc) that they learnt during this pandemic in the sent Google form.

The cadets successfully completed this activity by 6pm, on 20th September and they are asked to maintain the consistency for a better change.

## Swatchata Ki Seva

Gardening is such an activity, which is considered as both discipline and habit. Gardening is a very pleasant and rewarding a hobby. Some nature lovers have a hobby of gardening because they love nature's scenic beauty. Gardening is an activity, which not only blossoms flowers but also smiles.

Gardening helps to get exposure to vitamin D, enhances our immunity power, mood-boosting benefits, stressless aerobic exercise, greenery relieves our mental stress, helps in combating our loneliness and many more.



22(A) TENALI BATTALION, NCC UNIT KLEF carried out this Gardening task and got involved in various activities regarding cleanliness and gardening. Cadets participated by potting plants in their premises, watering plants, plucking litter in the backyard, brushing roads, etc...which also inspired their neighborhood and made many people to take up this initiative to make their surroundings immaculate.

In this pandemic, NCC UNIT KLEF utilized this event in a productive way. This event remembered the social responsibility we have, importance of creating awareness regarding cleanliness. Cadets participated very actively by enjoying this task. Their participation stood as a tribute to our first line workers of this pandemic, promoted the significance of nature in this globalizing world. All these efforts made this event a success.



CEA

## Kargil Vijay Diwas

KLEF-CEA have Organized the event of "Kargil Vijay Diwas" to memorize the great sacrifice done by our army people in the Kargil war done in the year 1999. Remembering those great soldiers as tribute to them we organized the event and conducted various competitions.

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

On this occasion we have organized four events online to ignite patriotism among students. Events like Elocution, Spirit in motion and Music from the heart competitions were held on online platforms

**Dance:** Participants were asked to upload videos in a Google form link. The videos have been evaluated by the judges and the merits were selected.

**Elocution:** Competition is held in zoom app. Participants are assigned with token numbers based on which they had been called during the competition. Based on their performance judges had finalized the merits.

**Singing:** Singing competition is held similar to Elocution except it is held in 2 rounds. Time limit is given for each participant. Judges finalized the winners based on their performance.

**Webinar.** It is held on 26/07/2020 on the eve of Kargil Vijay Diwas. Chief Guests were Sergeant P Venkata Narasimha Reddy and S.Venkata Reddy who served country during the Kargil War. Winners have been announced by the Chief Guests at the end of the webinar and a Tabloid has been released by S.Venkata Reddy.

### Benefits:

1. Participants attended from various regions learnt about the happenings during Kargil war and also got know about KLEF-CEA.
2. Participants were given an opportunity by KLEF-CEA to exhibit their talents in various Competitions conducted.
3. Participants had an opportunity through the webinar session to hear stories about the Kargil War which were untold till date.
4. These were conscious efforts to spark an interest within young minds, remind them this important day and to raise a sense of gratitude for those heroes who laid down their lives for our nation.



## Tabloid

SSP wing of KLU-CEA have released a tabloid on Kargil Vijay Diwas on the occasion of 22nd Kargil Vijay Diwas. The tabloid was released by the Dr. Habibulla Khan in the presence of Prof. Incharge Dr.P. Gopi Krishna and C.E.A-Coordinator Dr.S.Venkateswarlu at online. This tabloid was released so that the students will know various categories and the opportunities available for them at the Kargil Vijay Diwas. Further, this tabloid was distributed among the faculty and the students present at the event. The tabloid will also be placed in the notice boards and in the library so that the tabloid will be in the reach of students and thus it may help them in planning their future.

Event Beneficiary:

1. To spread awareness about Kargil Vijay Diwas among the students.
2. The students may get to know about the various categories under Kargil Vijay Diwas.
3. The students will get to know about various opportunities available for them at Indian Army, Navy & Airforce.

## Independence Celebrations

On the occasion of 74th Independence Day, KLEF-CEA had done the competitions like Nibandh, Guess the Swatantra Senaanee and Fancy Dress. Though the times are getting tougher, we didn't stop going. We've successfully conducted the competitions virtually through ZOOM meetings.

Benefits:

- In the process of participation, participants will be able to learn new and express their perspectives.
- Nibandh helps in the expressions of their perceptions on the theme given.
- Guess the Swatantra Senaanee tests the knowledge of participants regarding freedom fighters and helps them to know more about them.
- Fancy Dress Competitions helps the children to express their emotions and individuality with a theme.



## Adastra

We team CEA, is conducting an event "Adastra" which provides an opportunity of showcasing the creative talent of the participants. Participants can use any kind of material such as paper, thermocoal, card board and items that are available at home and prepare a model.

Benefits:

- Participants will develop creativity.
- By explaining about the model they will increase their communication skills.



## International Literacy Day

Literacy is most commonly understood as the ability to Read and Write. But it is more than this. Mere ability to Read and Write is no longer a parameter to define Literacy in this Complex Digital Age. UESCO has tried to give a complete definition of Literacy as follows.

Literacy is the ability to identify, understand, interpret,

create, communicate and compute, using printed and written materials associated with varying contexts.

Being Literate means being able to keep up with current events, effective communication and understanding surroundings and happenings which shape our Environment. Literacy plays an important role in transforming students into socially engaged citizens. This empowers a person to become Self Reliant and Self Confident.

International Literacy Day has been observed since 1967, but despite the progress made, literacy remains a challenge with "at least 773 million adults worldwide lack basic literacy skills", according to a UN body. The causes of Illiteracy are many and varied. The fact that it is frequently linked with poverty suggests that some of the causes could be the inadequate provision of schools, inadequate number of trained teachers and the economic situation of families that make education for their children a low priority. It is the Responsibility of every Literate to bring awareness to these people and include everyone in this Mission to make the World Literate.

On this day of 08 September 2020, School of Architecture in association with Centre for Extension Activities, K.L.E.F. organizes Poster Making Competition which aims at Critical Thinking Capabilities of Students. Understanding, Perspective and Awareness of their Surroundings are the key targets of this Competition. Ar.Varun V, Assistant Professor & Ar. Sravani S, Assistant Professor, School of Architecture have provided students with required guidance and assistance to fulfill the requirements of the Competition. Students prepared Posters which reflected their Understanding and Sensitive response to contemporary Social Challenges. It is to be recognized by all the people of the World that Literacy is not a Choice; it is a mandatory Survival Tool of the Modern Age.

## World Tourism Day Celebration

"A Trip down the Memory Lane"

Tour is a familiar Activity in Everyone's Life. Every Human being, at some point of time ventures into this beautiful Activity. Despite many differences such as Age, Gender, Caste, Creed; everyone undergoes this Activity one or more times. Reasons vary from Person to Person. People undergo Religious Pilgrimages, Friends and Family undergoes Fun Trips and Family Trips. Whatever may be the reason, the Experiences one encounter and Memories one brings back from those Tours are Very Precious.

On this World Tourism Day 2020, School of Architecture and Hobby Clubs, K.L.E.F. presents an Opportunity to recall those Precious Experiences and Moments from Ones Memory through Three different Competitions. School of Architecture and Hobby clubs, K.L.E.F. Organized an Online Event to Celebrate World Tourism Day. This Event has been inaugurated by Principal, V. Selvaraj, School of Architecture and Coordinated by Ar. Varun V and Ar. Sravani. S, Department In charges, Student Affairs.

The Competitions were designed to churn the Memories of the Students to extract best Tour and Travel Experiences in their Lives. The Event has been titled as "Being a Tourist, Experiences of a Tour from Your Memories". Essay Writing Competition, Travel Doodles and Photo Collage; these were the Three Competitions held Online. Appropriate Guidelines were circulated along with the Poster, beforehand. Department In charges and Student Members of C.E.A.-K.L.E.F. have taken appreciable measures in circulating and motivating Students to participate in the Event. They were Fruitful and the Response from the Students has been good. Students showed Huge Enthusiasm in Participating in the Competitions and approached Coordinator Mr. Varun with queries related to specifics of Competitions at several instances. Around 25 responses have been received through Online Portal. It has been observed that the Students Memories and Presentation skills were amazing in their own way. Top Three entries from each competition were selected and E-Certificates of Appreciation were sent to uphold their Spirit and encourage them to participate in more of such Events.





### Competitions

- 📍 Essay Writing
- 📍 Travel Doodles
- 📍 Photo Collage

Competition Dates: **23<sup>rd</sup> - 27<sup>th</sup> September, 2020**

### # Best Travel Memories #

Submission Link: <https://forms.gle/dkXFGZHTWnwuRTV58>  
 Contact: Mail ID: [varunv@kluniversity.in](mailto:varunv@kluniversity.in) Mobile No: 8332003348



## Law And Morality \_Jurisprudential Concern In India

On September 27th, 2020, KLEF-CEA had conducted "law and morality\_ jurisprudential concern in India" webinar. This event is conducted in the presence of Dr. B. Lavaraju, Asst. Professor, college of Law, KLEF. We create awareness regarding the Jurisprudential concern in India which provokes the individual to follow, respect and get to know the importance and liabilities of the Indian Constitution. We have successfully conducted the webinar through ZOOM meetings.

Benefits:

- Participants know about importance and difference of law and morality
- Participants know about Indian judiciary and articles in law



## Build Yourself

Description of the Event:

We team CEA, planned to conduct an event named BUILD YOURSELF. In the current situations, mainly youth is undertaking lot of stress & depression. To overcome these situations, this event is being conducted. Many of the students had participated from various colleges. We have successfully conducted the webinar through ZOOM meetings.

## Benefits:

Our main motto is to make people stress free.

- By conducting Interactive session with experts, participants can solve their problems.
- The participants were aided awareness through the event on how to lead their life in this pandemic situation.
- The participants have learnt how to overcome their depression.



**KL** UNIVERSITY  
CENTRE FOR EXTENSION ACTIVITIES

29<sup>th</sup> Sept 2020 **WEBINAR**

**BUILD YOURSELF**

Dr. G. Sumathi  
Assistant Professor/Psychologist  
Value Education Cell KLEF

ZOOM MEETING  
**Register here**  
bit.ly/BUILDYOURSELF

Contact:  
Deenhanjula 98888 98888  
Chandrika Lakshmi 9801081138

\* certificate will be awarded to participants \*

cea@kluniversity.in @klefcea

YES, I DID IT!  
I WILL DO IT  
I CAN DO IT  
I'LL TRY TO DO IT  
HOW DO I DO IT?  
I WANT TO DO IT  
I CAN'T DO IT  
I WON'T DO IT

## Sketch The Phrase

KLEF-CEA have organized the event "Sketch the Phrase" where the participant have to select a quote/ a phrase which were listed by us and come up with a sketch which is relevant to the theme provided.

Participants will be assigned with a token number. They will be provided with a Google form link where they have to submit their art work. Based on their artwork winners will be finalized.

### EVENT BENEFICIARY:

1. This event became a platform for all the participants to explore their creativity, imagination.
2. They go to know about their artistic abilities.
3. To be able to express in a innovative way is beautiful. Participants experienced and learned this skill from this event.



## Tech Speak 3.0

KLEF-CEA have organized the event "TECH SPEAK 3.0" where the participants are needed to select a problem which is prevailing in the society and are required to submit the abstract and the best ones are promoted to round number two and in which they should provide a technical solution to the problem and are needed to present their project of solution in the form of PPT to the judges.

Each participant is assigned with a specific token number. They will be provided with a zoom link and they are needed to login to the link and present their PPT via screen share option and the judges. Based on their marks awarded by the judges, winners are finalized.

### EVENT BENEFICIARY:

1. This event became a platform for all the participants to explore their creativity and imagination.
2. Participants have found a platform to exhibit their technical knowledge.
3. The event have provided enrichment of knowledge to the students by the advices given by the judges





## Fit India Freedom Walk

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.



## Never Give Up

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



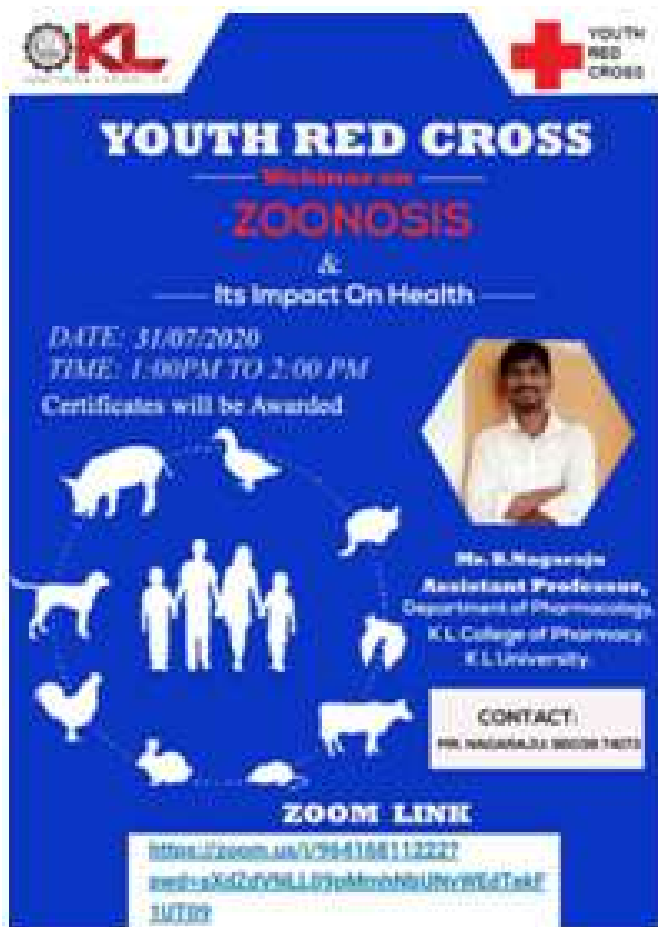


## Zoonosis & Its Impact On Health

Myself, Mr. B. Nagaraju, working as an Assistant Professor in KL College of Pharmacy, K L (Deemed to be University). It's a great privilege for me to work over here. On 31st July, I was honoured by Youth Red Cross associated with KLEF, to deliver a speech over "Zoonosis and its Impact on Health". The main scenario of the topic includes how a disease or infection transferred from animals to humans and had also mentioned which animals and reptiles are responsible for the transmission. This mainly includes

COVID-19 and SARS. The session also discussed in detail about epidemiology, types of prevention, Preventive measure and Care to be taken to avoid Infections and Transmissions. In Final, the session had ended with Queries. This is my first webinar which gave an immense pleasure for being a part in Youth Red Cross.

I sincerely thank to Dr.G.Chakravarthi, Prinicpal, K L College of Pharmacy, Dr.Habibulla Khan, Dean (Student Affairs) Dr. P. Gopi Krishna, Prof. In-charge, CEA, 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.



## Awareness On Childrens Eye Health And Safety

Myself, Mr. B. Nagaraju, working as an Assistant Professor in KL College of Pharmacy, K L (Deemed to be University). It's a great privilege for me to work over here. On 1st September, I was honoured by Youth Red Cross associated with KLEF, to deliver a speech over "Children's Eye Health and Safety". The main scenario of the topic includes creating awareness about commonly occurred vision problems in children's and how to identify vision problems. The session also discussed in detail about safety precautions to avoid vision problems and also gave information about dietary habits for better vision. In Final, the session had ended with Queries. This is my second webinar which gave an immense pleasure for being a part in Youth Red Cross.

I sincerely thanks to Dr.G.Chakravarthi, Principal, K L College of Pharmacy, Dr.K.R.S. Prasad, Dean (Student

Affairs), Dr.P. Gopi Krishna, Prof. In-charge, CEA, Dr.P. Yellamma, Programme Coordinator-YRC, Dr.A.Rajasekar Reddy, Assistant Professor, K L College of Pharmacy for their continues motivation and Dr. S.Venkateswarlu, Coordinator, Centre for Extension Activities (C.E.A), KL University for technical support.



## Awareness On Cholesterol Reduction

Team YRC Unit – III (Department of MECHANICAL) of K L E F has organized a Webinar on 21st September regarding Awareness on Cholesterol Reduction.

Dr B.V. Dharmendra, Professor (KL University) is the speaker of the webinar. Many students joined the webinar and got awareness regarding cholesterol, what it is, what are its importance, effects and risks etc...

- Cholesterol is a waxy, fat-like substance found in your body and many foods. Your body needs cholesterol to function normally and makes all that you need. Too much cholesterol can build up in your arteries. After a while, these deposits narrow your arteries, putting you at risk for heart disease and stroke.

- High cholesterol usually doesn't have any symptoms. As a result, many people do not know that their cholesterol levels are too high. However, doctors can do a simple blood test to check your cholesterol. High cholesterol can be controlled through lifestyle changes or if it is not enough, through medications.
- A simple blood test called a lipoprotein profile can measure your total cholesterol levels, including LDL (low-density lipoprotein, or "bad" cholesterol), HDL (high-density lipoprotein, or "good" cholesterol), and triglycerides.
- High cholesterol can develop in early childhood and adolescence, and your risk increases as your weight increases.



### Precautions:

- Low-fat and high-fiber food (Eat more fresh fruits, fresh vegetables, and whole grains).
- For adults, getting at least 2 hours and 30 minutes of moderate or 1 hour and 15 minutes of vigorous physical activity (Walk, Run, Exercise, Yoga etc) a week. For those aged 6-17, getting 1 hour or more of physical activity each day.
- Maintain a healthy weight.
- Don't smoke or quit if you smoke.
- There for the speaker covered delivered many valuable points regarding cholesterol and its importance, preventive measures etc...

"Control fat, Control your life"

"Safe & healthy cholesterol means safe & healthy life"



### Research Publications

5467	Dr.Suresh	Isoprenoid-Based Biofuels: Homologous Expression and Heterologous Expression in Prokaryotes	Geroscience	Aug-2020
5208	Rupita Ghosh	Comparative Analysis of Novel Calcium Phosphate Based Machinable Bioceramic Composites	Transactions of the Indian Ceramic Society	Sept-2020
4253	M. S. R. Krishna	Genome-wide identification, characterization and expression analysis of non-RD receptor like kinase gene family under Colletotrichum truncatum stress conditions in hot pepper	International Journal of plant Physiology	Sept-2020
5747	Dr. Burra Prasad	Biomolecular analysis using docking	Journal of Biomolecular Structure and Dynamics	Aug 2020
899	Dr. Praveen Kumar	Artificial intelligence and internet of medical things based health-care system for real-time maternal stress – strategies to reduce maternal mortality rate	Drug invention today	July 2020

### Workshops/Seminars /Guest lectures:

S.N	NAME	DATE	HOST
1	Dr. Esmaeil Jabbari, University of South Carolina-USA	14/08/2020	Dr. Nadeem Siddiqui
2	Dr. Naresh Kasoju, SCTIMS-Kerla	24/8/2020	Dr. Nadeem Siddiqui
3	Dr. Vishal Mishra-IIT BHU	22/9/2020	Dr. Sarda Prasanna

### Faculty Achievements:

Dr. Nadeem Siddiqui, Associate Prof scored 88% in an online quiz conducted by Institute of Biological sciences

### Webinars

S.N	NAME	DATE	TITLE
1	Dr. Esmaeil Jabbari, University of South Carolina-USA	14/08/2020	Multicellular scaffolds for Tissue Engineering applications



Department of  
**ELECTRICAL &  
ELECTRONICS  
ENGINEERING**

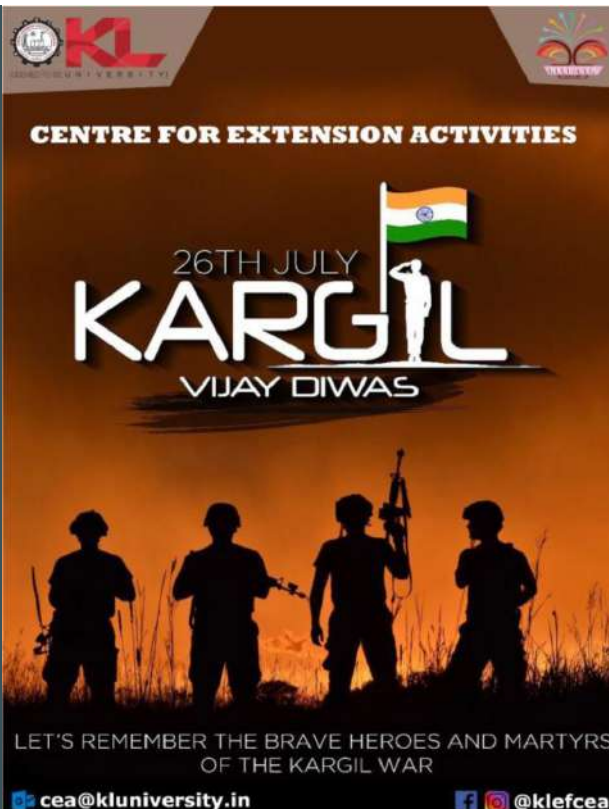


## Kargil Vijay Diwas Events(CENTRAL)

On 26th July 1999, . . On this date in 1999 India successfully took command of the high outposts. The Kargil war was fought for more than 60 days and ended on 26 July 1999, when the Pakistani army took advantage of the melting snow and - betraying the bilateral understanding of both the nations that the post would remain unattended during the winter season - took command of the high outposts of India. The Pakistani army denied involvement in the war, claiming that it was caused by independent Kashmiri rebel

forces, however documents left behind by casualties and later statements by Pakistan's Prime Minister and Chief of Army Staff showed involvement of Pakistani paramilitary forces, led by General Ashraf Rashid.[1][2] The Kargil war resulted in loss of life on both the sides and was ended when India regained control over the post and ejected the Pakistani Army out of the territory.

In remembrance of sacrifices of Indian army, KLEF CEA organized at central level, kargil Vijay Diwas events from 21st of July to 26th of July 2020, in which following programs were conducted ,



## Green Belt vegetation - Planting of Saplings with Geo-Tagging

The Department of EEE, in coordination with the NSS/CEA initiate a season for a reason campaign , where student has to plant a saplings ( no limitation in number, but minimum of one) and should take a selfie with it. The photograph should uploaded into the EEE NSS event database.

This even is extended to next month as well to courage the students to go for new sapling or protect plant/tree premises.

The Students participated in the event so far III/IV and IV/IV B tech students.

Also announced in the department regarding the individual (Student/Faculty) geotagging procedure of new sapling



at their convenient places. The location geo tagging plant image has to be uploaded in kobo collect app. The registrar circular about geotagging procedure is explained to individuals. The data is to be followed up in future days to complete this task.

## Engineers Day:

In remembrance of Er. Mokshagundam Visweswaraya's birth anniversary, Engineers Day is celebrated on every year 15th of September.



Hence the Department of EEE, KLEF, is organizing 53rd Engineer's Day Celebrations -2020 on 15th September, 2020 (Tuesday). In this regard, the department conducted two technical events and one webinar for the UG & PG students. The details of events and webinar are as follows:

1. Technical Quiz (Core) by FARADAY Club
2. Virtual Project Expo by TESLA Club
3. Webinar by SPARK Team

Webinar Topic : Steps for Start-Ups & Government Support

Resource Person : Er. Anamol Agarwal, Sky Lamp India Pvt. Ltd., Hyderabad.

Event Start Time : 2 PM

Date : 15-09-2020

Online Link : <https://kluniversity.webex.com/meet/Eday>

Note: No Registration Fee for participation, prizes will be given for winners of technical quiz and e-certificates will be provided to all participants and winners.

Links for the event

From 2:00PM to 3:00PM for Speeches, Webinar and for Projects demonstrations (for all the students and faculty) <https://kluniversity.webex.com/meet/Eday>

From 3:00PM to 3:30PM for conducting technical Quiz

For 2nd Years- <https://kluniversity.webex.com/meet/II-EEE>

For 3rd Years- <https://kluniversity.webex.com/meet/III-EEE>

For 4th Years- <https://kluniversity.webex.com/meet/IV-EEE>

And for any other students (if interested)- <https://kluniversity.webex.com/meet/Eday>

- Y19 Quiz Winner : 190060012 (M. Hemanth) and Runner 190060031 (T. Surya Teja)
- 9 students participated in the EngineersDay-technical Quiz winners from Y18 Batch

## Surabhi 2020

The prestigious cultural fest of Surabhi for the 2020 year is conducted in a national wide online cultural fest in the name of Surabhi 2020. Department of EEE is associated with the central core team for planning and organizing the event during the Surabhi. The in-charges Mr. D Kalyan and Mr. GG Rajashekar actively mobilized the student for their active participation.



Students gained the participation certificate for their involvement in the surabhi events. The sample certificate is below.



The participated student Ms J Likitha 180060014 from 3rd year EEE.

### Poster making "Corona Virus Protection"

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



Poster Presentation By V. Sravani & Y. Bhavana sumithra

### Plantation activity:





## Workshops/Seminars /Guest lectures

1. Department of CSE and R&D Division of KLEF organized GSWS SERVICES DELIVERY TRAINING during 8-11 September 2020 in the University. Principal Secretary to the Govt of AP, Sri Ajay Jain, IAS and Commissioner of GSWS Department Sri Naveen Kumar, IAS were present for the Inaugural and performed Jyothi Prajwalan. The first two days training focused on rural participants and the next two days it was carried out for urban participants from all over the state.

The session were taken on Revenue Services, Civil Supplies Services, CFMS / Payment Gate way, CFMS Salaries / Cluster / Recruitment issues, RTGS (Six Step Validation), Pensions, Aarogya Sri, Energy services, MAUD services, Transport department services and Hardware training were carried out during the sessions. Dr. K. Subrahmanyam, Professor in CSE has acted as Program Coordinator for the event.



2. The department of CSE has conducted a Guest Lecture on Design Thinking and Innovation Class on 27/07/2020 from 2:00 to 4:00 PM delivered by Mr. Sai. 50 faculty have participated in the event. Design Thinking and Innovation"

Organised by, KLEF, CSE Department On 20.07.2020. Mr. Sai has delivered lecture about thinking and Innovation and target participants of CSE Department, Mr. Sai dealt with various methods of Design Thinking And Innovation with simple and regular day to day life experiences. He also stated that the design thinking is an easy task and anyone can do the task with the basic knowledge of their own live examples

3. The department of CSE has organized a Guest lecture on Design Thinking and Innovation by Prof. William Oakes Purdue University Founder of EPICS Program at Purdue on 27.07.2020. 100 faculty have participated in the lecture. Prof. William Oakes from Purdue University Founder of EPICS Program at Purdue has delivered lecture on Design Thinking and Innovation and target participants of CSE Department, Prof. William Oakes dealt with various methods of Design Thinking And Innovation with simple and regular day to day life experiences. He also stated that the design thinking is an easy task and anyone can do the task with the basic knowledge of their own live examples

4. The research group NSF of CSE has organized a program Interaction with by Dr S.V. Rao, Professor IIT, Guwahati on 05.08.2020. with the discussion of research scope in those areas





5. The department of CSE has conducted a Guest Lecture on Women Empowerment and Anti-Ragging on 08-08-2020 delivered by Mr. M.Madhusudhana Rao, Deputy Superintendent of Police(Rtd).

M. Madhusudhana Rao, Deputy Superintendent of Police (Rtd) addressed the Y 19 students of CSE. He spoke about the security of Women's as well as Anti ragging. Mr. Rao has suggested some tips regarding Women's Empowerment that includes the action of raising the status of women through education, raising awareness, literacy, and training. From his experience, he explained all about equipping and allowing women to make life-determining decisions through the different problems in society. During his lecture he has informed to students regarding any disorderly conduct whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or a junior student commence under Ragging Act No. 26 of 1997. He has suggested regarding Anti-Ragging Squad in campus which should consists of a team of students, as well as teachers, can be formed in the college to fight the evil of ragging. The team should be representative in nature consisting of students from all backgrounds, grades, years, genders.

6. The department of CSE has conducted a Guest Lecture on Data Science & Big Data Analytics on 21-08-2020 delivered by Philippe Fournier Viger, Professor, Harbin Institute of Technology, (China).

Professor Philippe Fournier Viger from Harbin Institute of Technology, (China). He has his own blog as a personal website to discuss the opinions and ideas about data mining. professor viger is the founder and main author of the SPMF data mining software, an open-source software. Prof. Viger has explained about data science and pattern mining. With Apriori Algorithm professor viger has explained about pattern mining and also about data visualization. He has interacted with students and solved the query of students.

How to find useful patterns?

- There can be millions of patterns
- Interestingness measures are used to select interesting patterns: support, confidence, utility, periodicity, correlation, statistical significance, etc.
- To efficiently find patterns, strategies are designed to avoid considering all possibilities.

The "Apriori" property

Property (anti-monotonicity).  
Let be items  $X$  and  $Y$ . If  $X \subset Y$ , then the support of  $Y$  is less than or equal to the support of  $X$ .

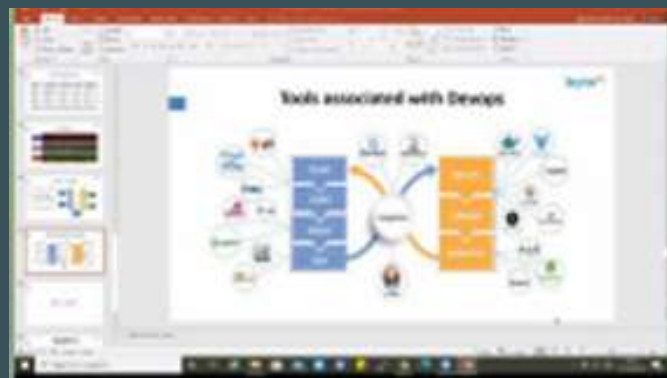
Example

Transaction Item	
$T_1$	{a, b, c, d}
$T_2$	{a, b}
$T_3$	{a, d, e}
$T_4$	{a, b, d, e}

The support of {a,e} is 2.  
Thus, supersets of {a,e} have a support  $\leq 2$ .

7. The department of CSE has conducted a Guest Lecture on Devops - CI/CD in AWS cloud on 18-08-2020 delivered by Mr. Bharat.

Mr. Bharat has explained about the topics Devops. He has briefly explained about the overview of version control also created a deployment environment AWS using Beanstalk. A sample code was explained to all faculties. AWS codepipeline was also introduced during lectures. The detailed topics covered as:



8. The department of CSE has conducted a Guest Lecture on Private Authoring in Coursera on 22-09-2020 delivered by Akanksha kappor and Deepak Gupta from Coursera

Ms. Akanksha kappor and Mr. Deepak Gupta spoke about how to perform Private authoring Project, Mr. Deepak briefly explained about handson for KL University faculty as demo and shows how to create the course outline and then upload the assets library and then added to course. He also explained how can we create an image of tools like Jupyter Notebook. Mr. Deepak briefly explain each steps of Coursera authoring and shows the demo to all the faculty and also solves the queries of faculties. All faculty gains knowledge and the lecture were benefitted to everyone.

Coursera authoring in 5 steps

1. Course Overview Page: Design your course through its central hub.
2. Course Offering and Version: Prepare a version and choose an audience for your course.
3. Authoring: Build your course with different content assets. Draft course with course design templates. Record your videos. Upload assets to Coursera.
4. Pre-Launch Checklist: Submit course for launch.
5. Add to Program: Incorporate your new course into your learning programs.

### Faculty Achievements:

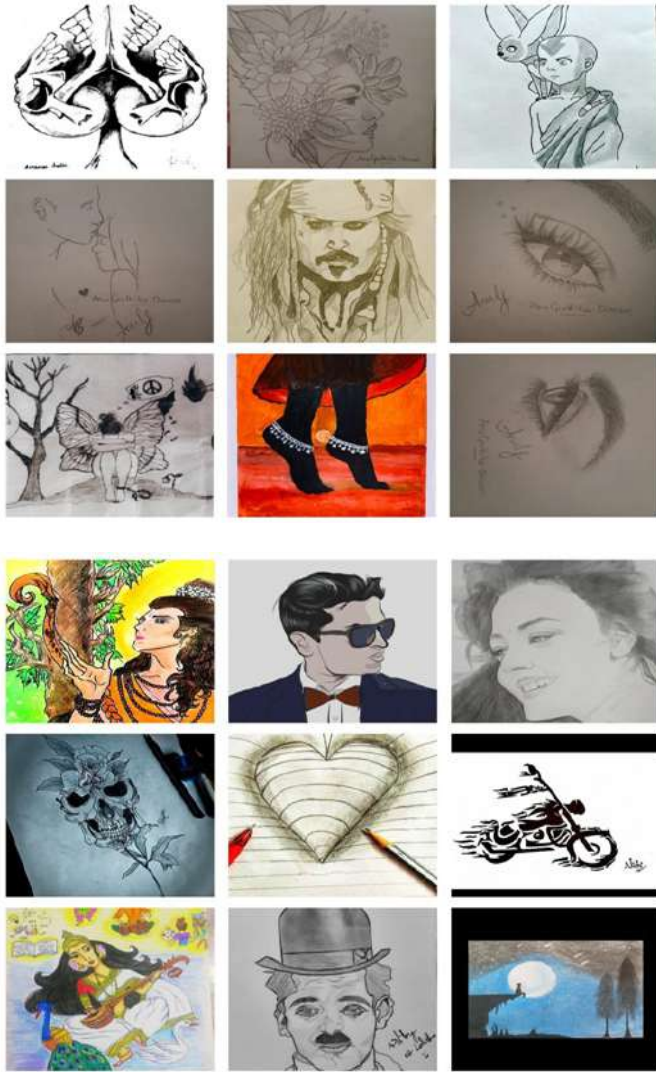
1. Mr.J.Surya Kiran Assistant Professor won Best Teacher Award 2020 on 29.08.2020 awarded by InSc(Institute of Scholars)
2. Mr.J.Surya Kiran Assistant Professor won Research Excellence Award 2020 on 29.08.2020 awarded by InSc(Institute of Scholars)
3. Dr. K.Ashesh, Assistant Professor has been certified as Certified System Administrator provided by Service now on 06.08.2020
4. Mrs. M.Sai Prasanthi, Assistant Professor has been certified as Certified System Administrator provided by Service now on 06.08.2020
5. Mr. J.Surya Kiran Assistant Professor has been certified as Certified System Administrator provided by Service now on 06.08.2020
6. Ms. S.Harika Lakshmi, Assistant Professor has been certified as Certified System Administrator provided by Service now on 06.08.2020
7. P.V.Vara Prasad, Assistant Professor is recognized as the Active Instructor by CISCO Network Academy
8. Mr. V. Hari Kiran Professor is recognized as the Active Instructor by CISCO Network Academy
9. P.V.Vara Prasad, Assistant Professor has been awarded Instructor Excellence Award for Year 2019 CISCO Network Academy on 06.06.2020
10. Ch.Mohan Kumar, Assistant Professor has been awarded Instructor Excellence Award for Year 2019 CISCO Network Academy on 06.06.2020

### Student Activities :

KL CSE CEA & HOBBY CLUBS conducted photography contest "SPIRIT OF THE PORTRAIT" to give students observation an opportunity. Photography is all about finding something interesting in an ordinary place. It has little to do with the things we see and everything to do with the way we see them. 40 students participated in this competition with zeal.



KL CSE-CEA & CSE-Hobby Clubs jointly conducted ART UNLIMITED which is planned to provide the students with, as a way to let their regular exhaustion out of their minds onto the paper, and also to rejuvenate their creative spirits by putting their brushes to test. Around 30 students participated and show cased their ARTS

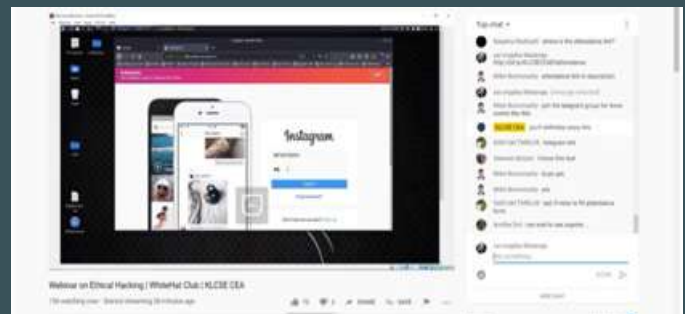


**Winner :**  
John Azariah, 190031929,  
KL University



**Runner :**  
Rupa Gannamani, 180031165,  
KL University

KL CSE CEA along with White Hat Club conducted an Ethical Hacking Webinar on 29/08/2020 at 7:00 PM. Around 900 Students participated in the webinar who gained knowledge about the basics of Ethical Hacking and Cyber Security.



Hobby Clubs along with CEA conducted an essay writing competition on 29/08/2020 at 6:00PM. The participants were made to present their writing skills on theme POST COVID TIMES.



7. The CSE-CEA has conducted an event on ANTI RAGGING on 08/08/2020. to create awareness among students about Ragging in college and consequences that students face.

8. Vardhan GSS(180030220) is a certified Ethical Hacker from EC-Council on 21/08/2020

9. Siddhardha Goparaju(180030337) is a certified Ethical Hacker from EC-Council on 21/08/2020

10. B.T.V.S.R Phaneendra(180030150) is a certified Ethical Hacker from EC-Council on 21/08/2020

11. Vivek Raj(180030123) is a certified Ethical Hacker from EC-Council on 21/08/2020

12. FOCUS a Student body of CSE has conducted Engineers Day-2020 on 15/09/2020 from 7:00 PM



If not for those large charts with indecipherable building plans, super-fast computers with mind-boggling programs, baffling circuit boards with electrical designs, the world would still have been in the Stone Age. The evolution human beings have undergone with the world around them becoming increasingly broad and creative, is a defining period of the human timeline. The success of the advancements being made in the current digital panorama should be etched on the wall of victory of the Engineers. With this never-ending chain of achievements enthralling the entire world, the official student body of the Department of Computer Science and Engineering, FOCUS, has organized Engineer's Day Celebrations on 15th September, 2020 on account of Engineer's Day.

The chief Guest Mr. Surya Chandra Sekhar, Chief Data Scientist at Selector Software, Sunnyvale, California. He has a 20+ year-experience in system architecture, design and implementation of software for network elements

and operations, with his current focus being applying data sciences to build product differentiators in the space of network operations and IoT. Also present as chief guest was Mr. Sankar Sripada, Director of Engineering, Quality at SAP Ariba, Bengaluru, Karnataka. He is a hands-on engineering leader in leading innovation, driving change, building engagement, and creating positive cultures. He is an accomplished leader with general management experience including test planning, risk analysis, metrics reporting, budgeting, project management, resource planning, and onshore & offshore teams.



13. FOCUS a Student body of CSE has conducted GURUVEDIC-2020 on 20/09/2020 from 5:00 PM

In a world as vast and complicated as this, it is a man's necessity and essential to look for a hand to hold his and guide him through the way of life, to his destiny. Life gives you many teachers before becoming one. In every phase of a man's life, someone or something is truly needed to shed light on the path ahead. But it is our fortune that we have a great culture of celebrating the existence of such elements in our lives and the humility to acknowledge that our lives would be of no value without them. A manifestation of that very tradition is what brought us all here today.

The faculty members in the CSE Department are no less diligent than this, in fact, they're even more dedicated and visionary. If the success of the students in the department can be considered a legit reflection of the brilliance of the eminent faculty behind it, then the records speak for themselves.



The chief guest of the evening was Dr. M. V. Panduranga Rao, Assoc. Professor and Head of the Department of CSE at IIT Hyderabad. A highly revered faculty member in the institution has addressed the faculty and the students.

### Research Publications:

1. Debnath Bhattacharyya, Nakka Marline Joys Kumari, Eali Stephen Neal Joshua, N. Thirupathi Rao published a paper entitled "Advanced Empirical Studies on Group Governance of the Novel Corona Virus, MERS, SARS and EBOLA: A Systematic Study" in International Journal of Current Research and Review – Scopus Indexed ISSN: 2231-2196
2. Nageswarara Rao Moparthi, P. Vidya Sagar, G. Balakrishna published a paper entitled "Usage for Inside Design by AR and VR Technology" in IEEE 7th International Conference on Smart Structures and Systems ICSSS 2020 – Scopus Indexed ISSN: 978-1-7281-7223-1
3. Stephen, Midhunchakkavarthy, Debnath

Bhattacharyya published a paper entitled "AN EXTENSIVE REVIEW ON LUNG CANCER DETECTION USING MACHINE LEARNING TECHNIQUES" in International Information and Engineering Technology Association (IIETA) – Scopus Indexed ISSN: 1258-5769

4. Dr. C. S. Prakash published a paper entitled "Low Dimensional DCT and DWT Feature-based Model for Detection of Image Splicing and Copy-move Forgery" in Multimedia Tools and Applications (SCIE) – Springer ISSN: 2049-3630 with impact factor 2.313
5. Ega Soujanya LAKSHMI, Manda Rama Narasinga Rao; Muddada Sudhamani published a paper entitled "RESPONSE SURFACE METHODOLOGY-ARTIFICIAL NEURAL NETWORK-BASED OPTIMIZATION AND STRAIN IMPROVEMENT OF CELLULASE PRODUCTION BY STREPTOMYCES SP." in Bioscience Journal – Scopus Indexed ISSN: 1390-1402 with impact factor 5.378
6. Anjali Mathur, G. Prem Rishi Kranth, Laharika Basava, Maneesh Alla published a paper entitled "QUALITY ANALYSIS OF TEA WITH THE HELP OF MACHINE LEARNING ALGORITHMS" in International Research Journal of Engineering and Technology (IRJET)– Scopus Indexed ISSN: 2395-0056 with impact factor 7.5
7. Dr. JKR Sastry, B. TrinathBasu published a paper entitled "Implementing User defined Attribute and Policy based Access Control within OpenStack" in International Journal of Emerging Trends in Engineering Research – Scopus Indexed ISSN: 3271 - 3279
8. Dr. JKR Sastry, B. TrinathBasu published a paper entitled "Implementing User defined Attribute and Policy based Access Control" in International Journal

9. Pilla Srinivas, Debnath Bhattacharyya, Divya Midhun Chakkaravarthy published a paper entitled "An Artificial Intelligent based System for Efficient Swine Flu Prediction using Naive Bayesian Classifier" in International Journal of Current Research and Review – Scopus Indexed DOI: <http://dx.doi.org/10.31782/IJCRR.2020.121519>
10. V. Valli Kumari, Ram Prasad Reddy Sadi published a paper entitled "(k,l)f-Anonymity: A Federated Learning Approach for Personalized Privacy Preserving Data Publishing" in Journal of Advanced Research in Dynamical and Control Systems – Scopus Indexed ISSN: 1943-023X
11. Vamsidhar Talasila, Chitturi Prasad, Guttikonda Trinesh Sagar Reddy, Allada Aparna published a paper entitled "Analysis and Prediction of Crop Production in Andhra Region using Deep Convolutional Regression Network" in International Journal of Intelligent Engineering and Systems – Scopus Indexed DOI: [10.22266/ijies2020.1031.01](https://doi.org/10.22266/ijies2020.1031.01)
12. Vamsidhar Talasila, Kotakonda Madhubabu, Meghana Chakravarthy, Mahadasyam, Naga Jyothi Atchala, Lakshmi Sowjanya Kande published a paper entitled "The Prediction of Diseases using Rough Set Theory with Recurrent Neural Network in Big Data Analytics" in International Journal of Intelligent Engineering and Systems - Scopus Indexed DOI: [10.22266/ijies2020.1031.02](https://doi.org/10.22266/ijies2020.1031.02)
13. Mukku Harisree, Debnath Bhattacharyya, B. Dinesh Reddy and N. Thirupathi Rao published a paper entitled "ENFORCED ENCRYPTION AND REVOKING DYNAMIC ACCESS" in International Journal of Security and Its Applications - SCI Indexed

14. Kota Prudhvi, A. Bharath Chowdary, P. Subba Rami Reddy, and P. Lakshmi Prasanna published a lecture notes on "Text Summarization Using Natural Language Processing" in Intelligent System Design, Advances in Intelligent Systems and Computing

#### **Projects/Patents:**

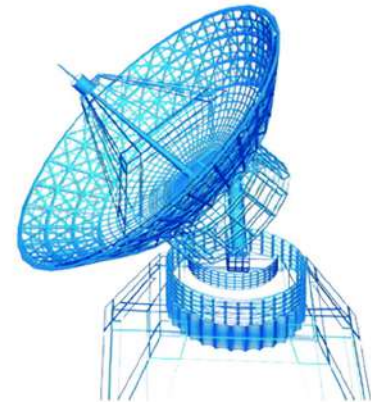
1. Dr. Debnath Bhattacharyya Professor-CSE received IT Infrastructure Consultancy project on "Mobile Automated Shrimp Counter" from AquaExchange Pvt. Ltd. Bhimavaram worth 2,40,000
2. G. Vijay Kumar applied for a project with title "Training Program on Entrepreneurship" under DST
3. Dr. Debnath Bhattacharyya applied for a project with title "Diagnosis of Erythrocytes infected with Malaria Parasite using Microscopic Images" under ASEAN-India Collaborative R&D

#### **Patents:**

1. Dr. K VIJAYASRI, Professor CSE has published a Patent on "VIRUS CONTROL IN SHRIMP CULTIVATION BASED ON IoT" on 17/07/2020
2. Dr. K V D KIRAN, Professor CSE, has published a patent on "IOT AND BLOCKCHAIN-ENABLED SMART E-VEHICLE CHARGING SYSTEM" on 05/06/2020
3. Mrs. M KAVITHA, Professor CSE, has published to "SYSTEM AND METHOD FOR EARLY DETECTION OF BREAST CANCER USING INTERNET OF THINGS" on 12/06/2020
4. DR. PVRD PRASADA RAO ,DR. PRAGNYABAN MISHRA , DR. S. SAGAR IMAMBI ,DR. P. LAKSHMI PRASSANNA , DR. K. SREERAMA MURTHY faculty of CSE have published a patent on "HUMAN ACTIVITY PREDICTION USING AI- BASED MACHINE LEARNING PROGRAMMING" on 28/07/2020



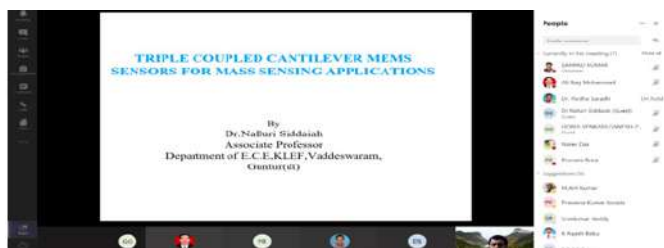
Department of  
**ELECTRONICS &  
COMMUNICATION  
ENGINEERING**



## Faculty Orientation Lecture

Topic: "Triple Coupled Cantilever Sensors for Mass Sensing Applications"

The Resource speaker was Dr. N. Siddaiah, Associate Professor, . The session started with formal invitation followed by a welcome address. The lecture was preceded by a short talk by the Professor Incharge of Faculty Orientation Lecture Dr. Sampad Kumar Panda, KLEF-Vijayawada. In this talk, he discussed about the Triple Coupled Cantilever Sensors for Mass Sensing Applications. It presents the design, modeling and analysis of Triple coupled cantilever (TCC) sensor using MEMS simulation software Comsol Multiphysics with critical dimensions of 100 $\mu$ m length, 20 $\mu$ m width and 2 $\mu$ m thickness. The simulations based on finite element modeling techniques were discussed, where different resonant frequencies were observed for different modes of operation. The resonant frequency of the sensor decreases as some mass is applied on one particular cantilever. The various parameters greatly affecting the performance of TCC such as resonant frequency, dimensions, material and pressure or force applied on it. The lecture finally demonstrated on observations on possible reductions in resonant frequency of respective mode by adding some mass on any one of the lateral cantilevers.



## Outcomes

- The design, modeling and analysis of Triple coupled cantilever (TCC) sensor is discussed.
- The resonant frequency of the sensor decreases as mass is applied on cantilever.
- It demonstrated possible reductions in resonant frequency of respective mode by adding some mass on any one of the lateral cantilevers.

## Design of memories for nano meter technoly using two-fold edge triggering

Description: The Resource speaker was Mrs. Mariya Priyadarshini, Assistant Professor, In this talk, she presented a low conditional discharge(C-element) Flip-Flops that are basic elements in all digital design. The existing circuits are power hunger due to the dynamic and static power dissipation increases. For reducing power consumption C element technique is used to reduce glitches at the data out. Results obtained through 130nm technology shows reduction in energy dissipation and delay. Average power of proposed flip-flop is reduced by 28.41% and 36.18% when compared with the two existing techniques Latch-Mux flip-flop and Latch-Mux using C-element. The lecture started around 03:00 PM and ended around 04:00 PM

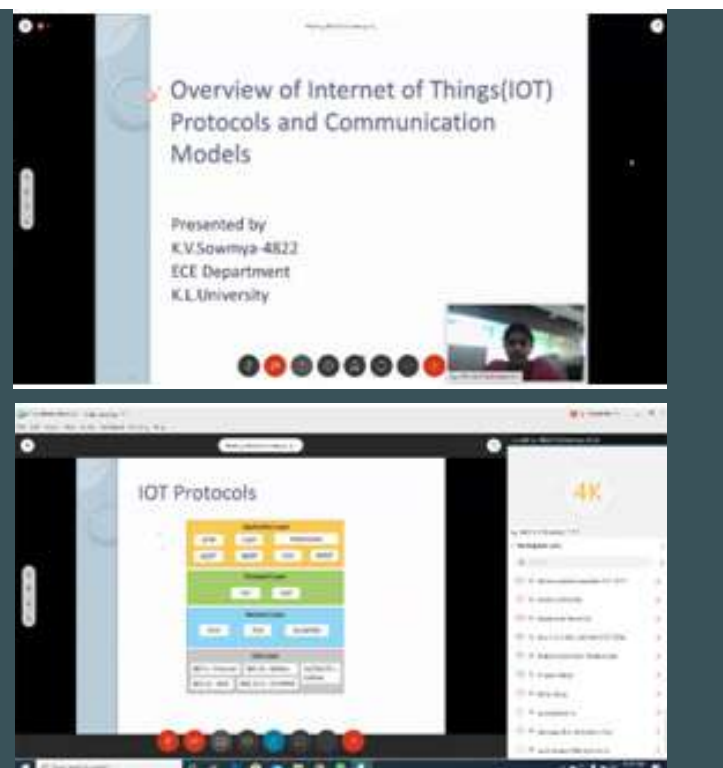
## Outcomes

- Two novel DET flip-flops have been discussed along with the new proposed design is compared with existing circuits and the power dissipation and number of transistor count is improved.

- However, the delay of the proposed circuit lies in between Latch-Mux with C-element and without C-element.
- The proposed circuit is also free from glitches which can be used for high performance scenarios.
- Voltage scaling performance can also be done to further study the performance to more logic depth.

## NSS EVENTS: Overview of IOT Protocols and Communication Models

Description: The Resource speaker was Ms. K. V. Sowmya, Assistant Professor, In this talk, she presented review of different communication protocols in Internet of Things (IoT) which consists of smart devices that communicate with each other. The wide range of life applications such as industry, transportation, logistics, healthcare, smart environment, as well as personal, social gaming robot, and city information were discussed. As far as the wireless IoT is the main concern, many different wireless communication technologies and protocols for connecting the smart device such as Internet Protocol Version 6 (IPv6), over Low power Wireless Personal Area Networks (6LoWPAN), ZigBee, Bluetooth Low Energy (BLE), Z-Wave and Near Field Communication (NFC) were briefed in the lecture. The lecture started around 01:30 PM and ended around 02:30 PM



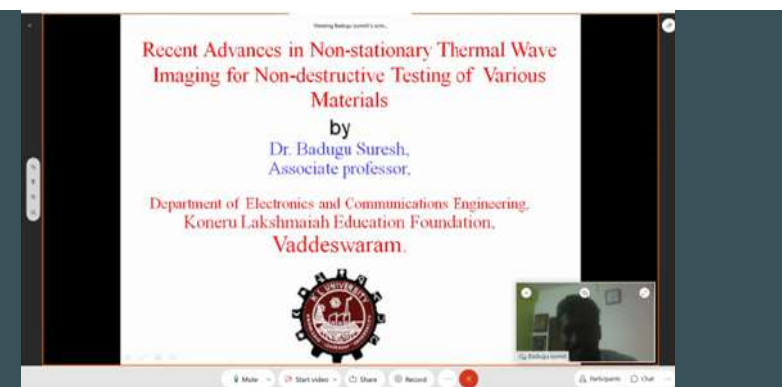
## Outcomes

- The wide range of life applications of IoT is discussed.
- The smart device such as Internet Protocol Version 6 (IPv6), over Low power Wireless Personal Area Networks (6LoWPAN), ZigBee, Bluetooth Low Energy (BLE), Z-Wave and Near Field Communication (NFC) were explained in brief.
- It give an idea about the short range standard network protocols and the Low Power Wide Area Network (LPWAN) standard protocols like SigFox and Cellular.
- At last, it describes the guidelines for the researchers to be able to select the right protocol for different applications.

## Recent Advances in Non-stationary Thermal Wave Imaging for Non-destructive Testing of Various Materials

Description: The Resource speaker was Dr. B. Suresh, Assistant Professor, In this talk, he presented Non-destructive Testing like Point wise and whole field Techniques, Surface, Sub surface and Volumetric Techniques, Contact and non-contact Techniques and evaluation techniques. The thermal active and passive nondestructive techniques are described in details. He narrated the preparation of specimen for experimentation, selection of suitable simulation, thermal response collection, preprocessing, postprocessing and identification of defects.

The lecture started around 12:00 PM and ended around 13:00 PM





## Outcomes

- Recent Advances in Non-stationary Thermal Wave Imaging for Non-destructive Testing of Various Materials
- Active Thermographic Techniques & Data Processing method is discussed
- Approaches for Subsurface Defect Visualization are highlighted.
- Thermal wave imaging process is explained through flowchart diagrams and mathematical description.
- The probability of detection of defects were illustrated through plots comparing PC, Hilbert Phase and Phase Analysis.

### Glimpse of emerging trends in nano technology and its impact on current research

Description: The Resource speaker was Mr. G.V. Ganesh, Assistant Professor, In this talk, he presented a brief description about how properties change at nano scale and careers related to nanotechnology. The change in surface area through nanotechnology is discussed through examples. The interdisciplinary aspects of nanotechnology in all other science fields such as chemistry, biology, physics, materials science, and engineering were highlighted. The lecture started around 11:00 AM and ended around 12:00 PM

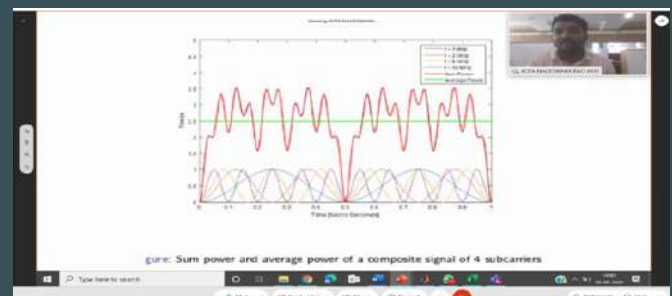
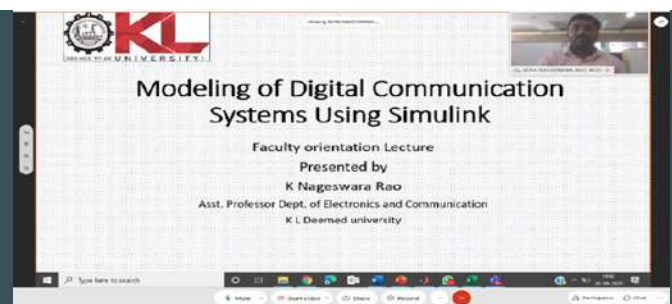


## Outcomes

- A glimpse of emerging trends in nano technology is presented.
- The impact on current wide range areas of research is discussed with examples.
- The comprehensive change in properties of material at nano scale is highlighted.
- The safety issues of nano products in different areas of applications are explained.
- Finally, the career aspects of nano technology in all fields of sciences such as chemistry, biology, physics, materials science, and engineering were presented.

### Modeling of Digital Communication Systems Using Simulink

Description: The Resource speaker was Mr. K. Nageswara Rao, Assistant Professor, In this talk, he presented the use the Simulink for communication system design. An example of simple AM system design was performed to observe its spectrum through Simulink. He also demonstrated the design and simulation of the QPSK modulation using Simulink to observe the constellation diagram for various SNR values. Finally, a practice session of QAM model design and observation of its Constellation diagram was performed. The session ended with further scopes of Simulink design for digital communication system. The lecture started around 04:00 PM and ended around 05:00 PM

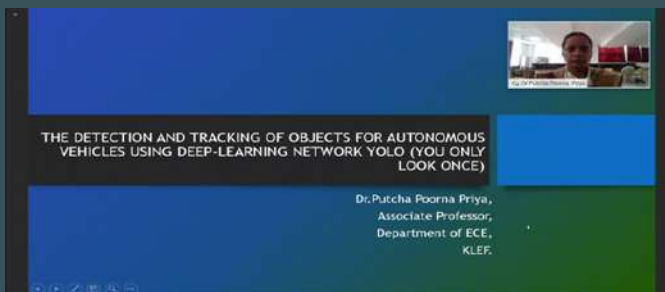


## Outcomes

- The use of the Simulink for communication system design was presented.
- The design and simulation of the QPSK modulation using Simulink was performed to observe the constellation diagram for various SNR values.
- A hands-on session for QAM model design and observation of its Constellation diagram was performed.
- Further scopes of Simulink design for digital communication system was highlighted.

## Modeling of Digital Communication Systems Using Simulink

Description: The Resource speaker was Dr. P. Poorna Priya, Associate Professor, In this talk, she presented the detection and tracking of objects for autonomous vehicles using deep-learning network yolo (you only look once). The brief description on autonomous car was followed by a detailed overview of the sensors like GPS, Camera, laser beam, ultrasonic sensors, radar etc. The method of detection of object through deep learning through different stages is discussed with an example. The lecture started around 03:00 PM and ended around 04:00 PM



## Outcomes

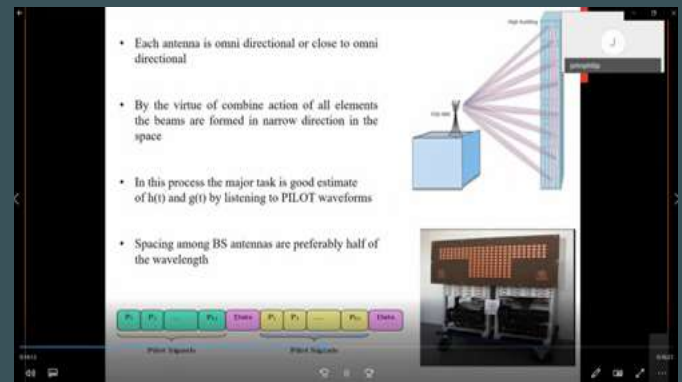
- The detection and tracking of objects for autonomous vehicle is presented.
- The deep-learning network yolo (you only look once) algorithm is discussed.
- Autonomous car and the functions of all its required sensors are highlighted.
- Detection of lane lights through converting to gray scale, HLS color space, preprocessing through

Gaussian blur are presented.

- Finally, the edge detection through Canny Edge Detection algorithm is presented.
- The region of interests (ROI) was followed by the Hough Transform technique to find out lines by identifying all points on the line.

## Massive MIMO perspective for optimal antenna selection

Description: The Resource speaker was Mr. I. Veera Raghava Rao, Assistant Professor, In this talk, he summarized about the evolution in technology in mobile network in Massive MIMO prospective. The lectures also describe the transmit antenna selection algorithms, system model and MVGSA algorithm. Finally, the relative energy efficiency analysis is performed for optimal antenna selection. The lecture started around 10:00 AM and ended around 11:00 AM



## Outcomes

- A brief description on evolution of technology in mobile network in Massive MIMO prospective is presented.
- Improved GSA method (MV-GSA) is deployed that determines the number of antennas and optimal selection of antenna.
- The comparative analysis of the adopted scheme is performed with other methods.
- Simulation results with analysis of capacity, relative efficiency, and optimal number of transmit antennas was presented.

## A Review on Bulk MOSFET to 3nm and Beyond

Description: The Resource speaker was Mr.M.Aditya, Assistant Professor, In this talk, he gives a brief introduction to the Bulk MOSFET and its challenges. The lectures also highlight SOI technology, Double gate MOSFET, FinFET, Gate all round FET and concluded with prominent technology trends. The Moore's law was explained showing the number of transistors on integrated circuit chips. Prominent trend in technology starting from Strained silicon to Spin wave devices, 3D nano fabrics, and advance TFET is summarized through the intermediate technologies like HKMG, FinFET, Nanosheets etc. The lecture started around 11:00 AM and ended around 12:00 PM

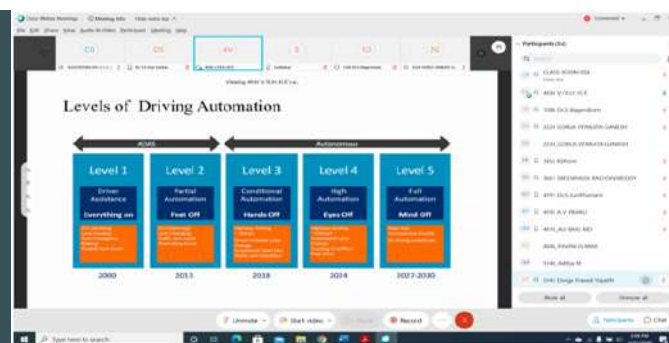


### Outcomes

- Bulk MOSFET and its challenges are discussed in details.
- Silicon on Insulator (SOI) is described on overcoming significant leakage in the transistors.
- Gate dielectric scaling, High-k SOI MOSFET, High-k metal gate transistor (HKMG) are discussed.
- Double gate MOSFET on SOI device layouts are explained.
- The pathway for 3nm through GAA structures is highlighted.
- A chronological description prominent technology trends is described by emphasizing the next generation transistor architectures.

## Self-Driving Technology

Description: The Resource speaker was Mrs.V.Teju, Assistant Professor, In this talk, she summarized about various levels of driving automation followed by an elaborative description of different elements of autonomous driving system. The talk also highlights benefits of self-driving cars and recent development of self-driving innovation with the state-of-the-art technology. The lecture started around 02:00 PM and ended around 03:00 PM



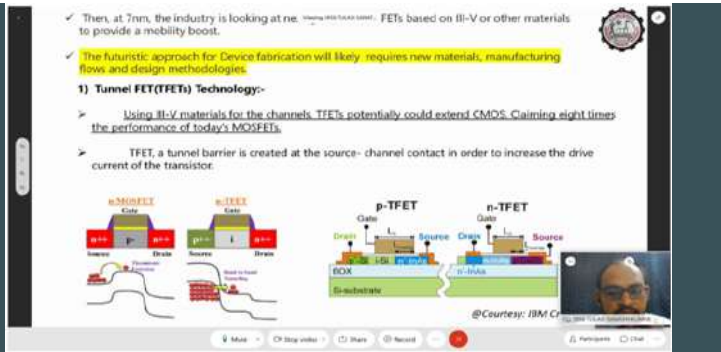
### Outcomes

- Various levels of driving automation are discussed in details with examples.
- Different elements of autonomous driving system are summarized.
- Advantages like reduced accidents, traffic congestions, reduced CO2 emissions, and low fuel consumptions etc. are highlighted.
- Transportation accessibility and reduced transportation costs are emphasized through autonomous driving system which are realized from this lecture.
- Recent developments in autonomous driving system technology and its future aspects are illustrated.

## What comes after FinFETs

Description: The Resource speaker was Mr. T. Sanath Kumar, Assistant Professor, In this talk, he outlined how the semiconductor industry is making a major transition from conventional planar transistors to FinFETs starting at 22nm. The lecture state that Using III-V materials for the channels, TFETs potentially could extend CMOS. Claiming eight times the performance of today's MOSFETs. It is

realized that very little work has been toward p-channel TFETs and the next challenge would be the demonstration of steep switching p-channel TFET for complementary TFET logic. The other technologies like GAAFETs, GAA-MBCFET, CNTFETs Technology, Graphene-FETs, BiSFET, Mott transition field effect transistor, and Spin transistor are also discussed. The lecture started around 04:00 PM and ended around 05:00 PM



### Outcomes

- The transition of the current semiconductor industry from conventional planar transistors to FinFETs starting at 22nm is highlighted.
- The requirements of new material for futuristic approach for Device fabrication and manufacturing flows and design methodologies is presented.
- The steep switching p-channel TFET for complementary TFET logic is demonstrated.
- The other technologies like GAAFETs, GAA-MBCFET, Spin transistor etc. are also discussed.

### Pulse Events

The student body of the Department of Electronics and Communication Engineering (ECE) PULSE came up with an interesting event for engineer's day i.e., "Iconic Engineers" to help students to showcase their talents and provided an opportunity to give a view of creative ideas they have. It is not only an opportunity for students to enhance their talents but it's a place to find something which can give value and meaning to student life.

The event comprises of two rounds. "Picto Trace" is the first round that covers a program describing the functionality and the real-time examples of a picture displayed and the area in which that is used. This round happened for 10

members simultaneously in two different slots. Round 2 consists of describing the main 4 technical aspects they are Favorite subject, Inspired & best project, Favorite domain, and Advancement and challenges of the favorite domain of a student. This round is completely focused on one's point of view and named it as "Open Talk".

This is an online event that provides a platform for students to come up and talk and Team PULSE is providing certificates to the participants. The event happened with a total of 107 registrations and there are 2 finalists.

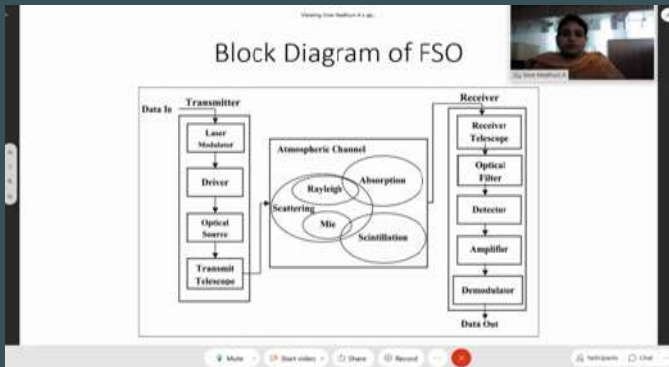
Winner – K Mohit Kumar(180040660)

Runner – B Raghu Ram(190040067)



### Free Space Optical Communication Link

Description: The Resource speaker was Ms. A. Sree Madhuri, Assistant Professor, In this talk, she presented the trending methodologies of Free space Optics that utilizes the visible light to transfer data. She described impact of the assorted weather situations on the communication link of FSO and the results of atmospheric attenuation due to rain and fog. The simulation results were explained through Opti-System, a virtual optical framework reenactment bundle for planning, testing and improvement of almost any kind of optical connection. The link margin was demonstrated in the last to evaluate the simulation results. The lecture started around 04:00 PM and ended around 05:00 PM.



examples. Finally, he concluded by describing how the quantum sensing is changing the way we see the world in future. The lecture started around 03:00 PM and ended around 04:00 PM

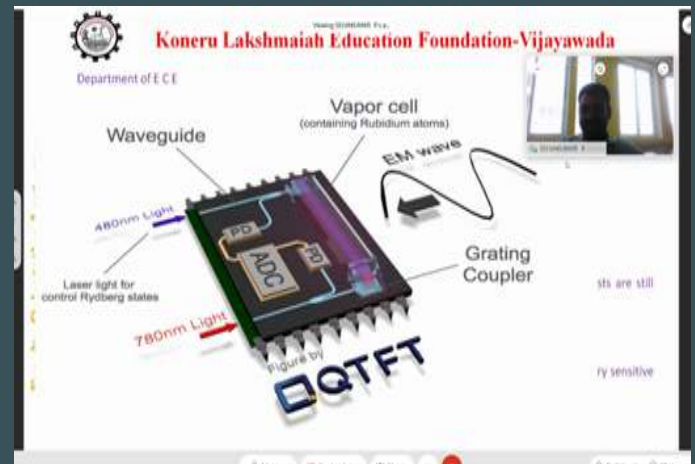


### Outcomes

- The advantage of data transfer through free space optical network is highlighted
- Components of free space optical system was described through block diagrams and descriptions
- Atmospheric effects such as rain attenuation, absorption, scintillations and fog attenuation were overviewed with their mathematical expressions.
- A simulation result from Opti-system is demonstrated by showing the outputs and Link margin for free space optical communication using a real time data

## Quantum Sensors for Autonomous system

Description: The Resource speaker was Mr. R. Selvakumar, Assistant Professor, In this talk, he presented an excellent description about principal concepts of quantum sensors. He highlighted environmental sensitivity of and its usefulness for making high sensitivity sensors. The quantum theory was revisited with brief description of Bohr model, Newton's laws, Einstein's inputs, Planck's quantum theory. The applicability of quantum sensors in various field was discussed. Some examples of recent developments are also discussed in the talk with



### Outcomes

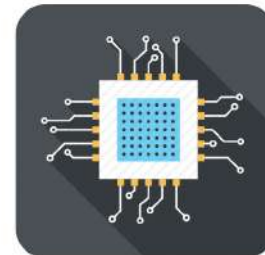
- The principal concepts of quantum sensors were briefly demonstrated.
- It explained the environmental sensitivity of and its usefulness for making high sensitivity sensors.
- The Bohr model, Newton's laws, Einstein's inputs, Planck's quantum theory and their importance were revisited
- Applicability of quantum sensors in various field was discussed with some highlights of recent developments and future prospects of technology with respect to the quantum sensing was highlighted.

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Department of  
**ELECTRONICS &  
COMPUTER  
ENGINEERING**



## Python Programming and Its Applications

A Workshop on Python Programming and Its Applications organized by Department of Computer Engineering, Koneru Lakshmaiah Education Foundation in Association with Brain O Vision India Solutions Pvt. Ltd on 25/07/2020 from 10.00 AM to 11.30 A.M through YouTube Live.

Python is a powerful general-purpose programming language. It is used in web development, data science, creating software prototypes, and so on. Fortunately for beginners, Python has simple easy-to-use syntax. This makes Python an excellent language to learn to program for beginners.

Link for Registration – <https://brainovision.in/stuworkshop>

The students of II Y, III Y and IV Y of Electronics and Computer Engineering Department and other Department student participants from KLEF and various prestigious universities and Engineering Colleges actively participated in this workshop.



Name of the Trainer: Mr. D. Bala Maheswar

YouTube Recorded Lecture:

<https://www.youtube.com/watch?v=61daPc6Hb5s>

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 Python Programming and Its Applications workshop and also congratulate the entire Department of 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.

## Dart Programming Language To Develop Cross Platform Mobile Applications Workshop

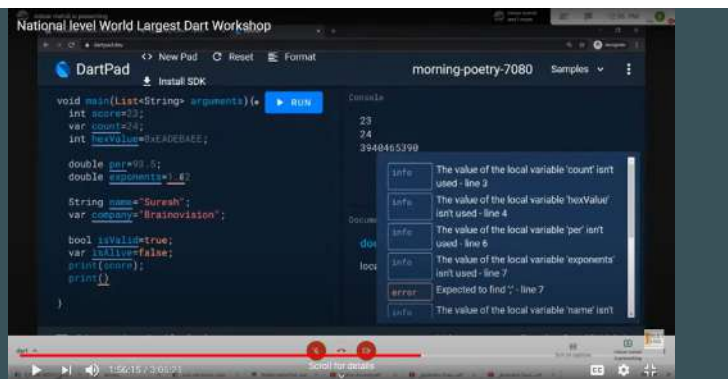
A National Level Technical Workshop on DART Programming Language to Develop Cross Platform Mobile Applications organized by Department of Computer Engineering, Koneru Lakshmaiah Education Foundation



in Association with Brain O Vision India Solutions Pvt. Ltd on 27/07/2020 from 10.30 AM to 1.00 PM through YouTube Live.

Dart is an open-source general-purpose programming language. It is originally developed by Google and later approved as a standard by ECMA. Dart is a new programming language meant for the server as well as the browser. Introduced by Google, the Dart SDK ships with its compiler – the Dart VM.

Department of Computer Engineering faculty, 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.



Name of the Trainer: Mr. Intisar Mehdi

YouTube Recorded Lecture:

[https://www.youtube.com/watch?v=nL3r5p7t\\_GE](https://www.youtube.com/watch?v=nL3r5p7t_GE)

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 DART Programming Language to Develop Cross Platform Mobile Applications workshop and also congratulate the entire Department of 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.

## Department of Electronics and Computer Engineering Seminar Report on API's using Flask Frame Work [Python]

A Departmental level Technical Seminar on API's using Flask Frame work [ Python] organized by Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation on 30/08/2020 through Google Meet Live Session.

AngularJS is an auxiliary framework for Hybrid web applications. It gives a chance to utilize HTML as layout language and gives a chance to stretch out HTML's syntax to express application components plainly and compactly.

Trainer Profile:

Mr. J. Venkata Avinash [Y16 Alumni-160050086]

Software Developer

E-Unimart Multi channel Pvt. Ltd

Link for Seminar:

<https://meet.google.com/qjb-ascd-xod>

The Head of the Department Dr. M. Siva Ganga Prasad and Deputy HOD and Mrs. P. S. G. Aruna Sri congratulate the all the participants in Seminar on API's using Flask Frame work [Python] 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 Dr. M. Siva Ganga Prasad Appreciated and Convey his thanks to Mr. J. Venkata Avinash [Y16- Alumni] for delivering of Seminar Lecture.

The Head of the Department express thanks to Koneru Lakshmaiah Education Foundation Management, Higher Authorities for their support to organize this Seminar.

### Flask vs Django

#### Flask

- Framework built for rapid development
- Allows multiple databases
- Doesn't offer dynamic HTML pages
- Best feature is it's a light weight and offers minimal coding for development

#### Django

- Framework built for easy and simple projects
- Doesn't allow multiple databases
- Offers dynamic HTML pages
- Takes time

## Faculty Achievements



- Dr.B.B.V.Satya Vara Prasad awarded a Ph.D with a title "Enhancing Secondary Users Spectrum Utilization with Provision of Buffer for CRN using Transient Queuing Model" on 27-07-2020 from ANU,Guntur.
- SmtK.Krishnaveni completed certification Freedom Business Model on 5-08-2020
- Dr.B.B.V.S.V.Prasad Completed Course era course on "SQL Aggregation"
- SmtS.Sridevi Completed the Specialization of "Excel Skills for Business " in Course Era.
- Smt.S.Sridevi Completed 60hrs of FDP on AI and Deep Learning Conducted APSSDC in Association with 360DigiTMG
- Smt.P.S.G.Aruna Sri completed online FDP on SciLab 12th Aug 2020-19th Aug 2020 conducted by BITS-Vizag in Association with IIT-Bombay.
- Dr. A. Kiran Kumar Completed AI for everyone, Machine Learning for all, Building Arduino Robots and devices Coursera Courses
- Smt.S.Sridevi Completed Coursera course on "Machine Learning Foundations:A Case Study Approach.
- Dr.M.Ramesh Kumar has successfully completed and recognized as a Microsoft Technology Associate for "Introduction to Programming using Python".
- Mr.K.V.D.Sagar completed coursera courses IBM Data Science Specialization,
- Applied AI Specialization, Machine learning Specialization,Deep Learning Specialization, Python Everybody Specialization
- Smt.S.Sridevi Completed APSSDC online FDP on "Webdevelopment on DJANGO" from 31-08-2020 to 12-09-2020.
- Mr.J.Rajasekhar completed Data Science Masters in 11 hours, Virtual training program organized by EXCELR SOLUTIONS.
- Mr.K.V.D.Sagar Completed "Migrating to Google Cloud" and "Hybrid Architecture with Anthos" conducted by Google cloud
- Smt.P.S.G.Aruna Sri completed on line FDP "Data Science in STEM"conducted by Andhra University College Of Engineering (A),Andhra University and University Engineering College-Vizianagaram, JNTUK, Kakinada in association with APSCHE (AndhraPradesh State Council of Higher Education) from 07th to 21st September,2020.

- Mr.K.V.D.Sagar completed on line FDP "Data Science in STEM"conducted by Andhra University College Of Engineering (A),Andhra University and University Engineering College-Vizianagaram, JNTUK, Kakinada in association with APSCHE (AndhraPradesh State Council of Higher Education) from 07th to 21st September,2020

#### Student Achievements /External participation:

- P.Koushik 170050094 got placed in ADP Company
- Laltha Sai.J 170050048 got placed in Capgemini
- Baji 170050136 got placed in TCS Ninja
- R.Radha Gayathri 170050104 Completed "introduction to Cyber Security tools and Cyber Attacks" in Course era.
- P.Sindhu 170050117 Completed Certification Course on "Basics of Cloud Computing, Foundational Artificial Intelligence under Wipro Training.
- III B.Tech Students 180050102,180050113,180050072(Shivam,vinay kumar,ganesh) Developed App for Covid-19
- Ch . L a l i t y a R a o ( 1 7 0 0 5 0 0 1 5 ) , K . K r i s h n a m R a j ( 1 7 0 0 5 0 0 5 7 ) , T . N . S u b b a r a o ( 1 7 0 0 5 0 0 8 7 ) , M . K r i s h n a P r a s a d ( 1 6 0 0 5 0 1 5 9 ) selected for 2nd round of Capgemini.

#### Guest Talk- E-Thinkers Club:

Siddharth

Avionics Aero V & V Engineer in in L & T Bangalore

Topic: Technology adoption Vs Real Industry Needs

On 23-09-2020

Mr. Sarath working as program Lead - Architect and QA in Deloitte, Hyderabad He is Y12 ALUMNI of KLEF and Mr. Siddharth, working as Avionics Aero V & V Engineer in L & T Bangalore. He is Y13 ALUMNI of KLEF, and both excited to visit the juniors back through Online. He had a discussion with HoD sir and the faculty and showed interest in taking the session for III/IV B.TECH students and conveyed wishes to Dr. MSG Prasad (ECM-HoD).He discussed about the responsibilities: design middle ware architecture and coordinate with multiple stakeholders on design, development and qa activities. Where as Siddharth discussed

about Avionics tasks related to RTOS and its importance. Finally Queries by the students are clarified.

## Publications

1. Cheerla, S., Venkata Ratnam, D., Dabbakuti, J R K K.: An optimized path loss model for urban wireless channels. In: Proceedings of 5th International Conference on Microelectronics, Electromagnetics and Telecommunication. vol. 655, pp. 293–301(2020). [https://doi.org/10.1007/978-981-15-3828-5\\_31](https://doi.org/10.1007/978-981-15-3828-5_31).
2. Pyla, R., Dabbakuti, J.R.K.K.: Modeling of Ionospheric TEC Corrections based on modified mapping function and Gram–Schmidt Orthogonalization at low latitude region: Astrophysics and Space Science365(7) (2020), <https://doi.org/10.1007/s10509-020-03830-5>.
3. Baldev, S., Anumandla Kiran Kumar, Peesapati, R.: Scalable Wavefront Parallel Streaming Deblocking Filter Hardware for HEVC Decoder. IEEE Transactions on Consumer Electronics, 66(1), 41–50 (2020). <https://doi.org/10.1109/TCE.2019.2960565>.

### August-2020

1. Sastry, J. K. R., & Trinathbasu, B. (2020). Extended openstack architecture for enforcing comprehensive security within cloud computing system. International Journal of Emerging Trends in Engineering Research, 8(7), 3271–3279.
2. Sastry, J.K.R., & Trinathbasu, B. (2020). Implementing user defined attribute and policy based access control within openstack. International Journal of Emerging Trends in Engineering Research, 8(7), 3986–3993.
3. Anumandla, Kiran Kumar, Samrat L. Sabat, Rangababu Peesapati, JRK Kumar Dabbakuti, and Ranjita Rout. "Optimal spectrum and power allocation using evolutionary algorithms for cognitive radio networks." Internet Technology Letters: e207.

### September-2020

1. Hussain, M. A., & Duraisamy, B. (2020). Review on packet drop prevention in MANET by counter based digester ACK. SSRG International Journal of Engineering Trends and Technology, 68(8), 102–107.
2. Kumar Dabbakuti, J. R. K., Peesapati, R., Yarrakula, M., Anumandla, K. K., & Madduri, S. V. (2020). Implementation of storm-time ionospheric forecasting algorithm using SSA–ANN model. IET Radar, Sonar and Navigation, 14(8), 1249–1255.
3. Dabbakuti, J. R. K. K., Peesapati, R., Panda, S. K., & Thummala, S. (2020). Modeling and analysis of ionospheric TEC variability from GPS–TEC measurements using SSA model during 24th solar cycle. Acta Astronautica, 178, 24–35.

## Faculty Development Program Report on ARTIFICIAL INTELLIGENCE USING PYTHON

A National Level one week Faculty Development Program on 5-Day Faculty Development Program on Artificial Intelligence using Python organized by Department of Electronics and Computer Engineering, Koneru Lakshmaiah Education Foundation in Association with Brain O Vision India Solutions Pvt. Ltd & National Youth Council of India [NYCI] from 14-09-2020 to 19-09-2020 through YouTube Live .

Program Link:

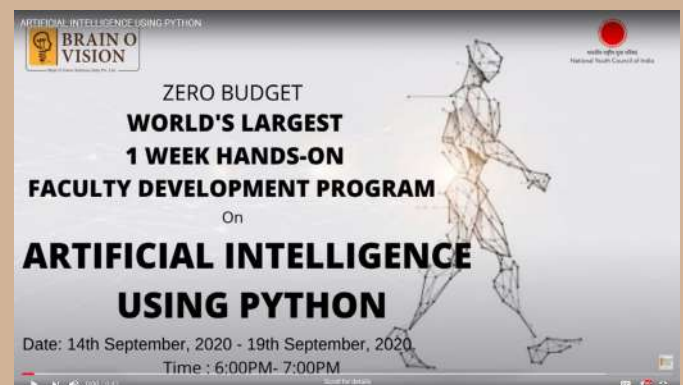
<https://www.youtube.com/watch?v=FgZBxdZJBgs>

Artificial intelligence (AI) refers to the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions. The term may also be applied to any machine that exhibits traits associated with a human mind such as learning and problem-solving.

Department of Electronics and Computer Engineering faculty, other department faculty members of KLEF & participants from various prestigious universities and Engineering Colleges actively participated in this Faculty Development Program.

Name of the Trainer:

Budda Chandrasekhar [Chief Coordinating Officer -AICTE, Ministry of Education] -Guest Speech Mr. Intisar Mehndi



Scipy.org | Docs | NumPy v1.15 Manual | NumPy reference | Routines | Random sampling (numpy.random)

**numpy.random.rand**

`numpy.random.rand(d0, d1, ..., dn)`  
Random values in a given shape.


Create an array of the given shape and populate it with random samples from a uniform distribution over  $[0, 1]$ .

**Parameters:** `d0, d1, ..., dn` (int optional)  
The dimensions of the returned array, should all be positive; if no argument is given a single Python float is returned.


**Returns:** `out: ndarray, shape (d0, d1, ..., dn)`  
Random values.

See also: `random`




Notes  
This is a convenience function. If you want an interface that takes a shape tuple as the first argument, refer to `np.random.random_sample`.




HUMAN ABILITIES	ARTIFICIAL INTELLIGENCE	RESULTING TECHNOLOGIES
Seeing	Computer Vision, Image Recognition, OCR	Handwriting recognition, Cancer detection
Communicating	Natural Language Understanding	Spam detection, Translation, Voice rec
Moving	Robotics and Autonomous Vehicles	Self driving cars
Creating	Computational Creativity and PCG	Story generation
Learning	Machine Learning, Deep Learning	All of the Above



**Department of Computer Engineering**





## ARTIFICIAL INTELLIGENCE using PYTHON

**14<sup>th</sup> September 2020 to 19<sup>th</sup> September 2020**  
Time: 6.00 pm to 7.00 pm

Organized by: Department of **Electronics and Computer Engineering**

in association with:

**Registration link: <https://forms.gle/x8qTKUY9EQiAZC3W9>**

Host College Code: Koneru Lakshmaiah Education Foundation

**REGISTRATION IS FREE**

**E-Certificate will be provided to all the participants**

*Convener*  
**Dr. M. SIVA GANGA PRASAD**  
Professor & HOD, Dept. of ECM

*Co-convener*  
**Mrs. P. S. G. ARUNASRI**  
Deputy HOD, Dept. of ECM

*Co-ordinators*  
**Dr. M. RAMESH KUMAR**  
Assistant Professor, Dept. of ECM

**Mrs. S. SRIDEVI**  
Assistant Professor, Dept. of ECM

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 Artificial Intelligence using Python Faculty Development Program and also congratulate the entire Department of Electronics and Computer Engineering Faculty Members and Coordinators for Smooth Conduction of FDP.

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



Department of  
**COMMERCE**



## Research Activities

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).

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.

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).

Cloud Computing Technology-Security Issues in Banks- An Overview Dr.B.Balanagalakshmi Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah

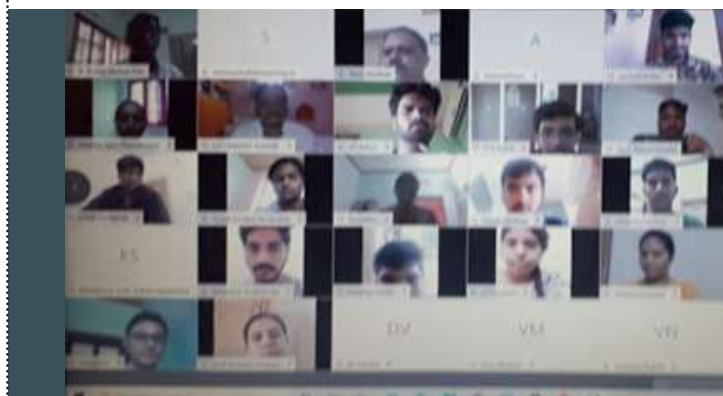
Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, IOP Materials and Engineering.

A Study of Environmental Accounting in India with special reference to BPCL and ONGC Dr.A.Raju Assistant Professor, Department of Commerce, KLEF- Koneru Lakshmaiah Education Foundation, Vaddeswaram, Vijayawada, Andhra Pradesh, India, IJM Volume 11, Issue 9, September 2020, PP.1045-1056.

Ph.d Viva-Voce Examination

Anil.B.Kapadia attended viva voce on 29.09.2020 for the award of Ph.d under the guidance of Dr.V.V.Madhav HOD of Commerce, (The Topic of Research: Impact Analysis of 1991 Economic Reforms on Inclusive Growth and All-Round Development in India)

Webinar on “Changing Role of Finance Professionals in the arena of Commerce” July 8, 2020



## Orientation Programme



Faculty Orientation Lecture by outside academicians, CA.Piyush Khandenwal, ANKR Global [Partner] KPMG – [Ex] and Mr.Ch.Rahul Senior Advisor – Deloitte on 08/08/2020



Dr.V.V.Madhav, HOD of Commerce and other faculty members, participating in Department Advisory Meeting in HOD Chamber on 23/08/2020



Teacher's Day Celebrated on 5<sup>th</sup> September 2020



Dr.V.V.Madhav HOD of Commerce addressing the student's on 23/07/2020 of Orientation Program to freshers

### Quiz Competition



Dr. S.Santhakumari and Dr.I.Shyam Sundar, faculty of department of Commerce, conducting quiz competition to students of I.B.Com [H] on 28/08/2020



Department of  
**MECHANICAL ENGINEERING**



### Ph.D Awarded by KLU

- T Vijaya Kumar with Regd No. 11307002 under the supervision of Dr K V Ramana has been awarded with Ph.D Degree by Department of Mechanical Engineering, KLEF
- N Dileep with Regd No. 15307001 under the supervision of Dr K V Ramana has been awarded with Ph.D Degree by Department of Mechanical Engineering, KLEF
- K S Mallik with Regd No. 15307010 under the supervision of Dr K V Ramana has been awarded with Ph.D Degree by Department of Mechanical Engineering, KLEF

### Ph.D Awarded by KLU

	Journals		Conferences	
	International	National	International	National
Total	97	0	6	0

### Research Patents Granted

S. No	Name of the patents	Name of the Principal Investigator	Name of the Co-Investigator	Date of application	Type of the Patent	Status of the Patent	Date of		Commercialized and Funds Generated
							Published	Granted	
1	Multi Knife Cutter (321344-001)	Anna Eswara Kumar	1. Anna Eswara Kumar 2. G. Murali 3. P. Phani Prasanthi 4. M V H Satish Kumar	9-May-19	Design	Granted	4-Sep-20	4-Sep-20	No

2	Two In One storage device (322245-001)	Anna Eswara Kumar	1.Anna Eswara Kumar 2.T.SRINIVASAN 3.T.Eswara Rao	10-Feb-19	Design	Granted	25-Sep-20	25-Sep-20	No
3	Dilatation Device for Men Urethral Stricture (330964-001)	Anna Eswara Kumar	1.Mr.A.Eswara Kumar 2.Dr.B.Nageswara Rao	10-Jul-20	Design	Granted	11-Sep-20	11-Sep-20	No
4	An ergonomic chair with built in exhaust fans (331441-001)	Anna Eswara Kumar	1.H.Jeevan rao 2.Anna Eswara Kumar 3.T.Srinivasan 4.B V Dharmendra	28-Jul-20	Design	Granted	4-Sep-20	4-Sep-20	No

## Research Patents Granted

Dept.	Name of the Faculty	Details of Honours	By
1	Mr. A. Eswar Kumar	Indian Record as "First Indian to Register 30 Intellectual Property Rights in Just 396 Days" by Indian Book of Records on 14-08-2020	Indian Book of Records
2	Mr. A. Eswar Kumar	Indian Excellency Award as "Person possessing a highly developed intellect" by Indian Book of Records on 27-08-2020	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. 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
6	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
7	Mr. K. Someswara Rao	Best Teacher Award on 24-08-2020	Institute of Scholars





Speaker: **T EASWAR RAO**

Topic: **KLU PROJECT MANAGEMENT INTERFACE**

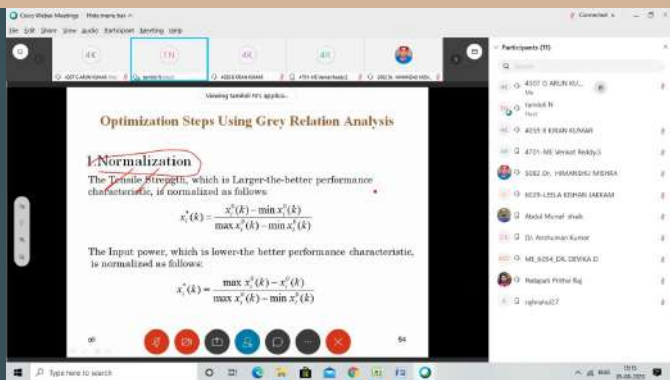
LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m8290d943006802cbdf67e73970bc8f9e>

### **Design and Manufacturing specialization**

Speaker: **Dr.N.Tamiloli**

Topic: **MULTI- RESPONSE OPTIMIZATION**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m3ad800e55e7c17d849ef60d2f3d91da3>



### **ROBOTICS & MECHATRONICS specialization**

Speake: **Mr.P.S.N Venkat**

Topic: **Writing a research paper and thesis using Latex**

LINK:<https://teams.microsoft.com/l/channel/19%3a1cad7f673d8a42dbb87a3e674e76d2f8%40thread.tacv2/General?groupId=5b9f906d-4fab-4b17-8842-02b866e41bc9&tenantId=808cc83e-a546-47e7-a03f-73a1ebba24f3>



### **ROBOTICS & MECHATRONICS specialization**

Speake: **Mr.S. Ramesh Kumar**

Topic: **Yield forecasting using ML**

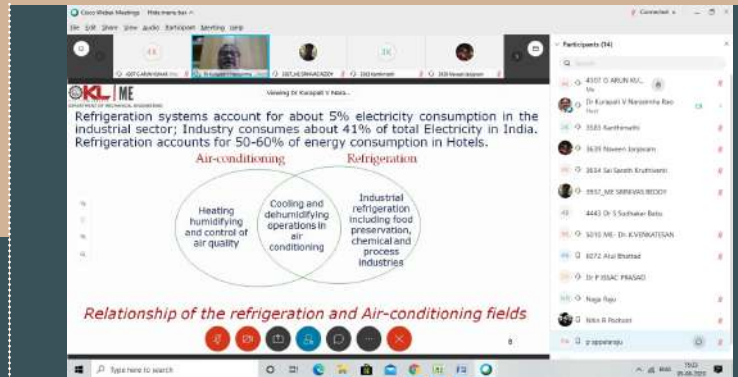
LINK:<https://meetingsapac20.webex.com/meet/pr913561846>

### **Energy & CFD specialization:**

speaker : **Dr.K.V.Narasimha Rao**

Topic: **"Energy conservation opportunities in HVAC systems Part-1"**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m2f9320b6e9a6242a099db917a04f7839>

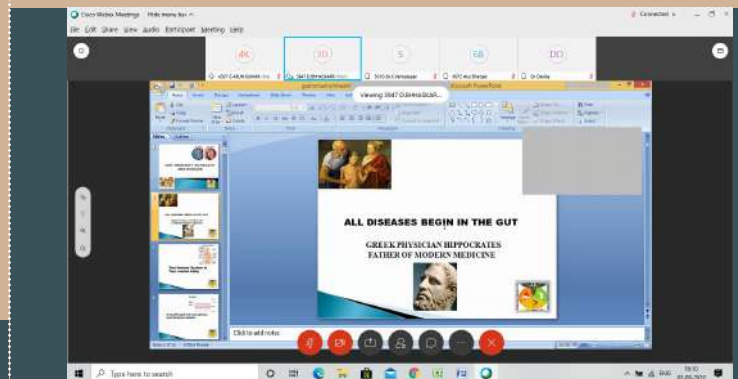


### **Energy & CFD specialization**

speaker: **Mr.D BHASKAR**

Topic: **Gut Immunity in Health and Disease**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m3f4b2ac5f0ad7a621ea3048db7c247fd>



### **ROBOTICS & MECHATRONICS**

speaker: **Mr.R .Venkatesh**

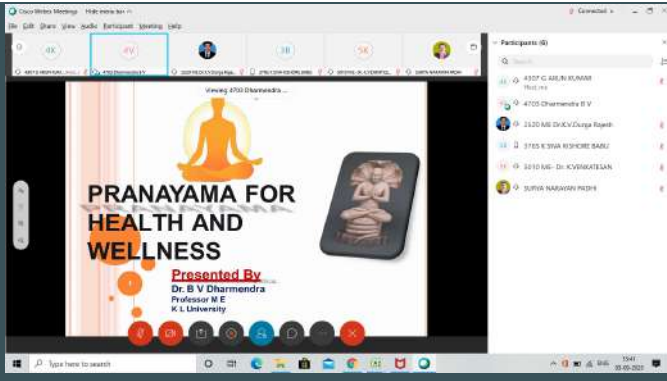
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### **DESIGN & MANUFACTURING**

speaker: **Dr.B.V .Dharmendra**

Topic: **PRANAYAMA FOR HEALTH AND WELLNESS**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=mc4025b694a16ed54d62980df6451eebb>



### Energy & CFD specialization

speaker: **Mr.K.Nitin Dattatreya**

Topic: **An Introduction to Data Visualization**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=mf64d5fe029d34b411f9c3c641c280740>

### ROBOTICS & MECHATRONICS

speaker: **Mr.Syed Karimulla** Topic: **swarm robotics**

LINK:<https://meetingsapac21.webex.com/meetingsapac21/j.php?MTID=m0da665967d078c8613be56ee67f8b704>

### Design and Manufacturing specialization

Speaker: **Dr.Himanshu Mishra**

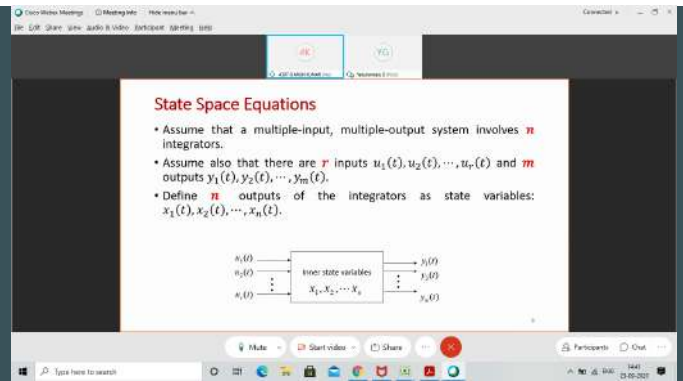
Topic: **Future of 3D printing(WAAM)**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m8e032679845e277ac6d5c0312d171d88>

### ROBOTICS & MECHATRONICS specialization

Speaker: **Dr.G.Yedukondalu** Topic: **State Space Model**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=mdc945ae29b74660e7ec1e7c6d3f3058e>



### Energy & CFD specialization

speaker : **Dr.Atul Bhattad**

Topic:**USE OF NANOFUIDS AS SECONDARY REFRIGERANT**

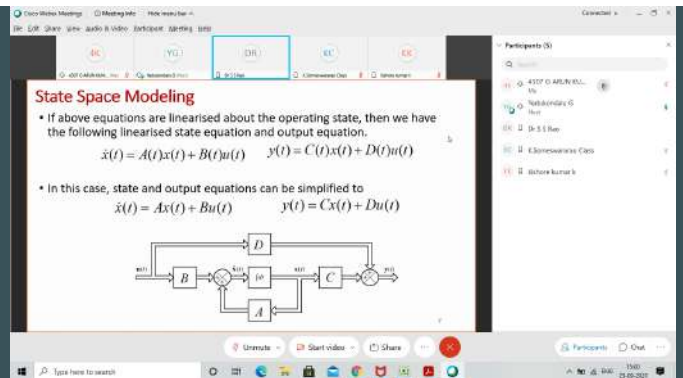
LINK:<https://meetingsapac12.webex.com/meetingsapac12/j.php?MTID=md93bcb63925b95b6ded6312acf523f79>

### DESIGN & MANUFACTURING

speaker: **Mr.M HARISH**

Topic: **Construct a prototype in engineering design process**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m6fdafb33c03f5e03d219b2c10c1466ea>



### ROBOTICS & MECHATRONICS specialization

Speaker: **Dr.Y.Kalyan Chakravarthy**

Topic: **The future of Robotics Technology**

LINK:<https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=m3f4b2ac5f0ad7a621ea3048db7c247fd>

## FDP on Robotics and Control Systems

### Energy & CFD specialization

speaker: **Mrs.T.Kanthimathi**

Topic: **Liquid Nitrogen as a Non-polluting Fuel.**

LINK: <https://meetingsapac31.webex.com/meetingsapac31/j.php?MTID=mff4faaa29b53a33582a2dc08c9fdb8c2>

Department of Mechanical Engineering, KLEF, has conducted an online FDP on "Robotics and Control Systems" for all the faculty members of Department of ME as per the details given below.

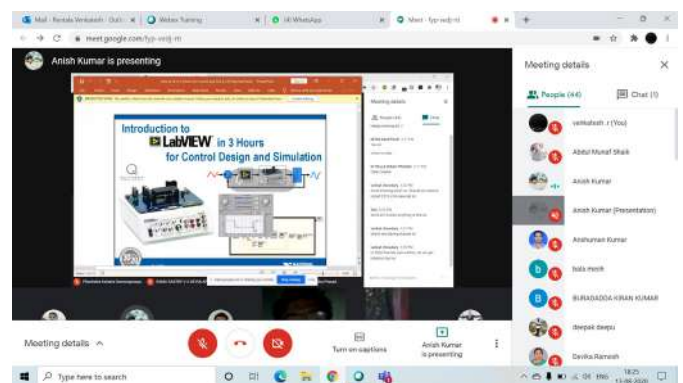
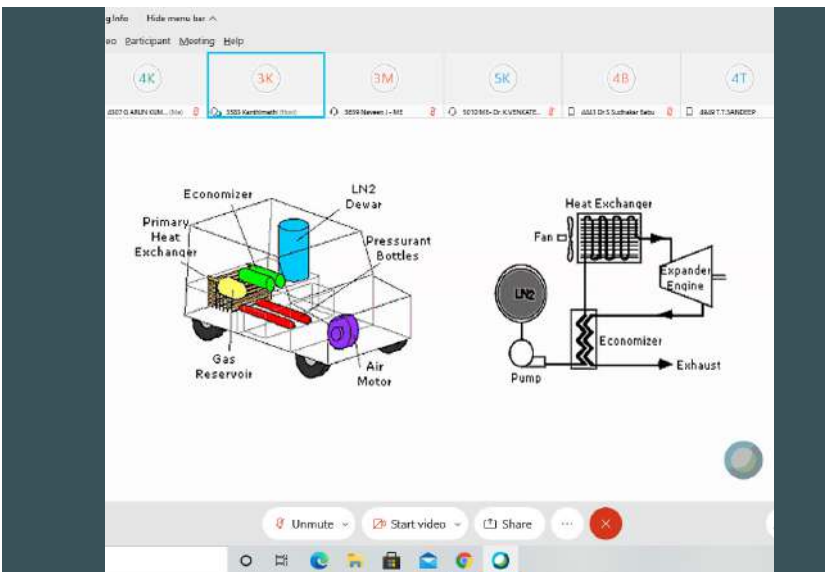
Dates : 13th to 20th August 2020

Timings : 05.20 p.m. to 07.30 p.m.

Trainer : Mr.G. Anish Kumar, NI Lab View Skill Developer, NI Lab View Academy, Department of ECE.

link: <https://kluniversity.webex.com/kluniversity/k2/j.php?MTID=ta7f568247b2064ea1ce83aa0afa6df5f>

**Day-1 :13-08-2020**



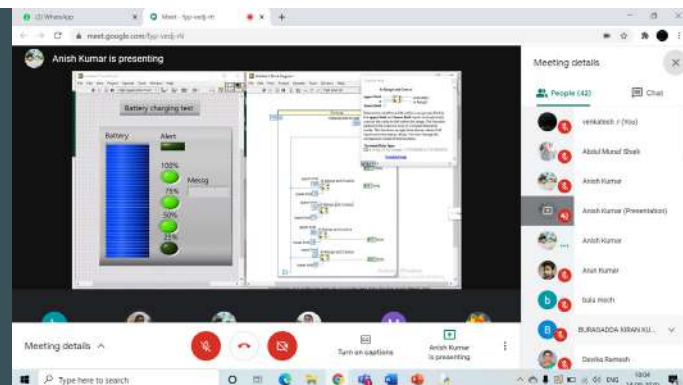
### DESIGN & MANUFACTURING

speaker: **Mr.Indra Reddy**

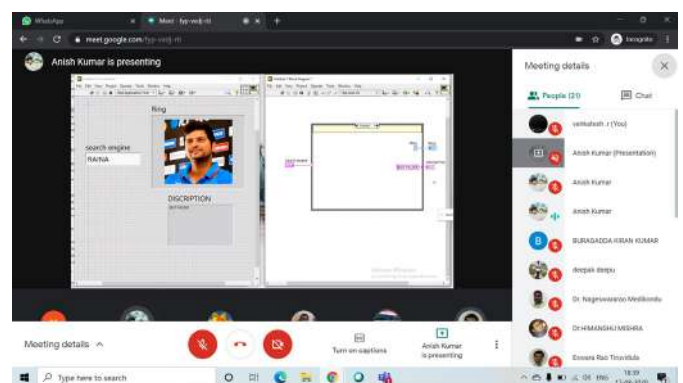
Topic: **Methodologies and Techniques for Advanced Maintenance**

LINK: <https://meetingsapac20.webex.com/meetingsapac20/j.php?MTID=md73f0a0c545a5d033a81b89f9df4dfed>

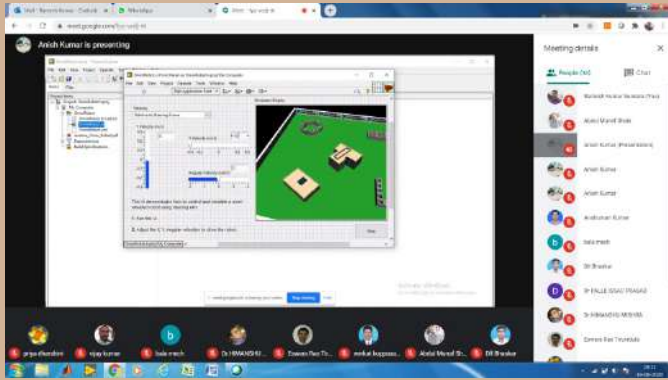
**Day-2 :13-08-2020**



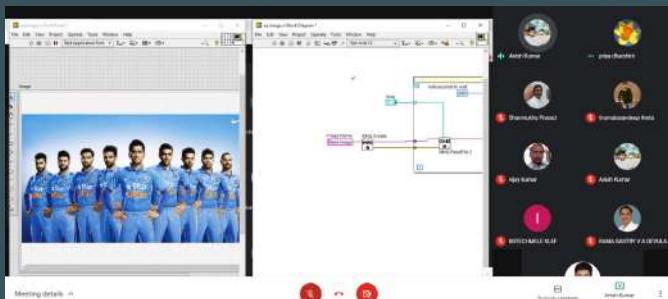
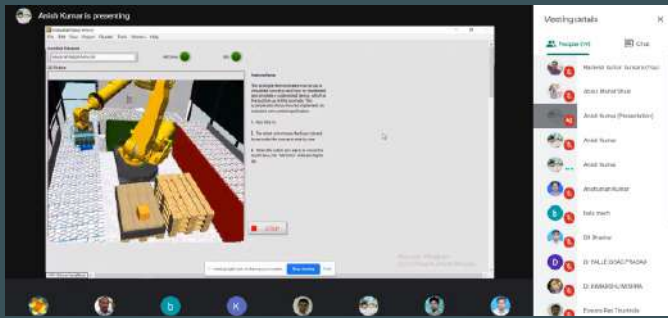
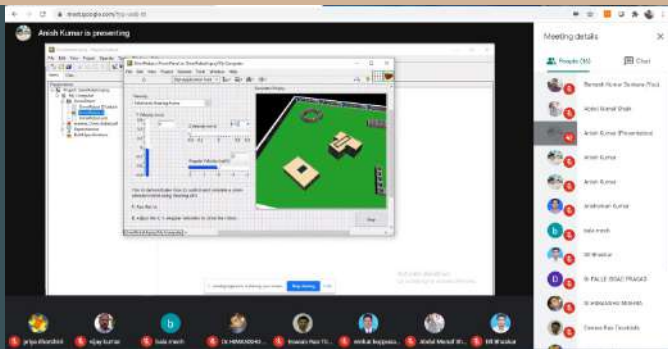
**Day-3 :17-08-2020**



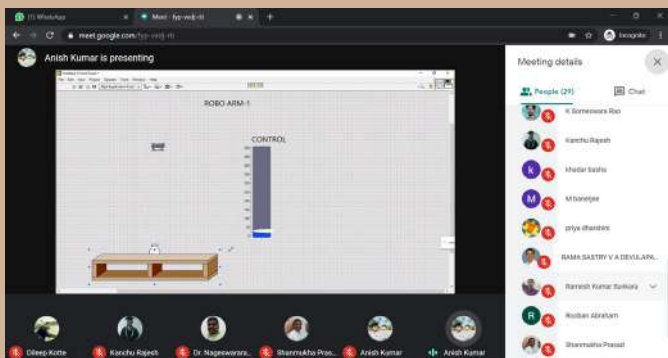
Day-4 :19-08-2020



Day-4 :19-08-2020



Day-5 :20-08-2020



## Virtual Industrial visit to Rolls Royce & BMW on 25-08-2020 for all II year sections.



Industrial visit has its own importance in a career of a student who is pursuing a professional degree. It is considered as a part of college curriculum and objectives of industrial visit is to provide students an insight regarding internal working of companies. We know, theoretical knowledge is not enough for making a good professional career. With an aim to go beyond academics, industrial visit provides student a practical perspective on the world of work. Following the same lines due to Covid pandemic a virtual Industrial visit was conducted to all students K L deemed to be University Mechanical Department second year students of all the sections. Here "Rolls-Royce production line" & BMW electric engine-car factory production assembly line" real time videos were played and demonstrated by Mrs Kantimati, Assistant professor. A total of 118 students attended and exposed to latest automated technologies being used by top automobile companies in the world.

The students could expose to the technologies like:

- Smart manufacturing,
- Automated assembly lines,
- Role of robot in production,
- Flexible manufacturing systems,
- Cyber physical systems
- Digital transformation of manufacturing sector etc



## One Week Online FDP on Engineering with Geosynthetics

Department of Civil Engineering in association with Geosynthetics Technology Advisory Services, Jaipur Landmark Material Testing & Research Laboratory, Jaipur organized One Week Online Faculty Development Program on Engineering with Geosynthetics from 13th to 18th July, 2020. Sessions were convened by Eminent speakers from reputed Construction Companies and research Institutes.

<p>ONE WEEK ONLINE Faculty Development Program (FDP) ON <b>Engineering with Geosynthetics</b> 12<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p><b>Inaugural Session - 1</b> 13<sup>th</sup> July, 9:30 - 10:30 AM by Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> <p>Er. CSN Murty, Chief Engineer (R&amp;E) APTDC</p>	<p>Session 2 <b>Geosynthetics - Introduction</b> 13<sup>th</sup> July, 10:30 - 11:30 AM by Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p>	<p>Session 3 <b>Geosynthetics Applications</b> 13<sup>th</sup> July, 11:30 - 12:30 PM by Prof. M. Venkataraman, CEO, GTAS.</p>
<p>Session 4 <b>Principles of Soil Reinforcement</b> 13<sup>th</sup> July, 12:30 - 01:30 PM by Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p>	<p>Session 5 <b>Geosynthetics types in India</b> 13<sup>th</sup> July, 02:30 - 03:30 PM by Mr. Saurabh Vyas, Head Designs, Techfab India.</p>	<p>ONE WEEK ONLINE Faculty Development Program (FDP) ON <b>Engineering with Geosynthetics</b> 12<sup>th</sup> - 18<sup>th</sup> July, 2020</p> <p>Organized by Department of Civil Engineering</p> <p><b>QUIZ/Q&amp;A - Session 6</b> 17<sup>th</sup> July, 02:30 - 04:30 PM by Prof. G. Venkatappa Rao, Chairman, GTAS &amp; LRL (GD)</p> <p>Prof. M. Venkataraman, CEO, GTAS.</p> <p>In Association with</p>

## One Week Online Fdp On Construction Technology And Management

Department of Civil Engineering organized One Week Online Faculty Development Program on CONSTRUCTION TECHNOLOGY AND MANAGEMENT from 24th to 29th Aug, 2020. Sessions were convened by Eminent speakers from Premier Research Institutes and Reputed Industries across India.

<p><b>SPEAKER #1</b></p> <p><b>MS. S. MANNA SIMON</b> DOCTORAL RESEARCH SCHOLAR (IITM) Theme 1: BIM and Lean</p>	<p><b>DAY-1</b> 9.30 am - 11.30 am 24, Aug, 2020</p>	<p><b>SPEAKER #2</b></p> <p><b>DR. BALAKUMAR VENKATRAMAN</b> SENIOR CONSULTANT AT SIMPLEX INFRASTRUCTURES LIMITED</p>	<p><b>DAY-1</b> 11.30 am - 12.30 pm 24, Aug, 2020</p> <p>Theme 5: Safety &amp; BS</p>
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<b>SPEAKER #3</b> <b>MR. S SHANMUGARAJ</b> PROJECT OFFICER (IITM) Theme 6: Quality (incl methods)		<b>DAY-1</b> 12.30 pm – 01.30 pm 24, Aug, 2020	<b>SPEAKER #4</b> <b>MR. BALASUBRAMANI MAHESH</b> ASST. PROF. (NICMAR HYDERABAD) Theme 2: Finance & Contracts		<b>DAY-1</b> 2.30 pm – 4.30 pm 24, Aug, 2020
<b>SPEAKER #5</b> <b>MR. P. MOHAN CHANDRA</b> DOCTORAL RESEARCH SCHOLAR (IITM) Theme 3: Sustainability		<b>DAY-2</b> 9.30 am – 11.30 am 25, Aug, 2020	<b>SPEAKER #6</b> <b>MR. VINAY MATHEWS</b> CHARTERED ENGINEER (INDEPENDENT CONSULTANT) Theme 1: BIM and Lean		<b>DAY-2</b> 11.30 am – 1.30 pm 25, Aug, 2020
<b>SPEAKER #7</b> <b>DR. RAHUL V. RALEGAONKAR</b> PROFESSOR, VNIT, NAGPUR Theme 3: Sustainability		<b>DAY-2</b> 2.30 pm – 4.30 pm 25, Aug, 2020	<b>SPEAKER #8</b> <b>MS. SREELAKSHMI S</b> DOCTORAL RESEARCH SCHOLAR (IITM) Theme 1: BIM and Lean		<b>DAY-3</b> 9.30 am – 11.30 am 26, Aug, 2020
<b>SPEAKER #9</b> <b>DR. B. SUDHEER KUMAR REDDY</b> ASSISTANT PROFESSOR (SREENIDHI INSTITUTE OF SCIENCE AND TECHNOLOGY, HYDERABAD, TELANGANA) Theme 2: Finance and Contracts		<b>DAY-3</b> 11.30 am – 1.30 pm 26, Aug, 2020	<b>SPEAKER #10</b> <b>AR. K. SUNDARARAMAN</b> ASSOCIATE PROFESSOR (RAJALAKSHMI SCHOOL OF ARCHITECTURE); DOCTORAL RESEARCH SCHOLAR (IITM) Theme 5: Safety & BS (incl robotics and automation)		<b>DAY-3</b> 2.30 pm – 4.30 pm 26, Aug, 2020

## Workshops Advances in special Concretes (ASC-2020)

Department of Civil Engineering organised two day online workshop on “Advances in special Concretes (ASC-2020) “ on 20th and 21st August 2020. Sessions were covered by the eminent personal from various reputed academic intuitions and industries.

 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 1 By Prof. K. V. L. SUBRAMANIAM Professor, IIT Hyderabad Concrete Innovations for Sustainable Construction 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>	 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 2 By Dr. B. Kameswara Rao Professor, KLEF Performance of Concretes Incorporated with Supplementary Cementitious Materials 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>	 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 3 By Er. Ch. Santhosh Kumar Quality Manager, STEELCAST Systems Pvt. Ltd. Non-Destructive Tests on Hardened Concrete 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>
 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 4 By Er. D.V. Bhavanna Rao Former Chief Engineer, Govt of A.P. Quality Assurance in Concrete Structures 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>	 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 5 By Er. Ch. Santhosh Kumar Quality Manager, STEELCAST Systems Pvt. Ltd. Emerging trends in Concrete, its Durability and practical applications. 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>	 <p>Department of Civil Engineering TWO DAY ONLINE NATIONAL WORKSHOP Technical Session - 6 By Er. K. Rupesh Kumar Quality Head -JMC Emerging trends in Concrete, its Durability and practical applications. 20<sup>th</sup> &amp; 21<sup>st</sup> August, 2020</p>

## Innovations in Construction Practices (ICP-2020)

Department of Civil Engineering organised two day online workshop on “ INNOVATIONS IN CONSTRUCTION PRACTICES (ICP-2020) “ on 28th and 29st September 2020. Session on Day 1 started by Dr. R. Ramesh Nayaka Assistant Professor, Civil Engineering Department, National Institute of Technology, Warangal on Eco-friendly Construction Practices for Affordable Housing followed by Dr. M. V. Latkar , Associate Professor, Civil Engineering Department, Visvesvaraya National Institute of Technology , Nagpur on Application of Biocementation. Final session on day 1 was convened by Dr. Parul Patel, Professor, Civil Engineering Department, Nirma University on Sustainable Construction Management.

On Day 2 first session was convened by Dr. Sashi Ram , Assistant Professor, Civil Engineering Department, National Institute of Technology, Warangal on Synergy between smart building management system on Green construction: Energy Efficient Building followed Dr. Abdulazeez Umar Raji, Senior Lecturer, Department of Estate Management, Bayero University, Kano. Nigeria. on Industrialized Building System and the final session was presented by Mr. Harishchandra Jakhmola , General Manager Management System and Quality Assurance at Kalpataru Power Transmission Limited on Use of Slip form Technology in RCC Chimney Construction.

## Webinars

Dr. Ch. Hanumantha Rao HOD , Department of Civil Engineering , KLEF had given online webinar on Teaching Pedagogies in 21st Century on 5th September . Webinar was attended by faculty and students of various institutions across the state..

Dr. B. Kameswara Rao presented a Webinar on Service Life of RC Structures with Respect to Corrosion of Reinforcing Steel on 12.9.2020, which was attended by people from various technical Institutes.

Dr. A. Aravindan presented a Webinar on Challenge and Remedies in E- Waste Management on 19.9.2020, Webinar was attended by faculty and students of various institutions across the country.



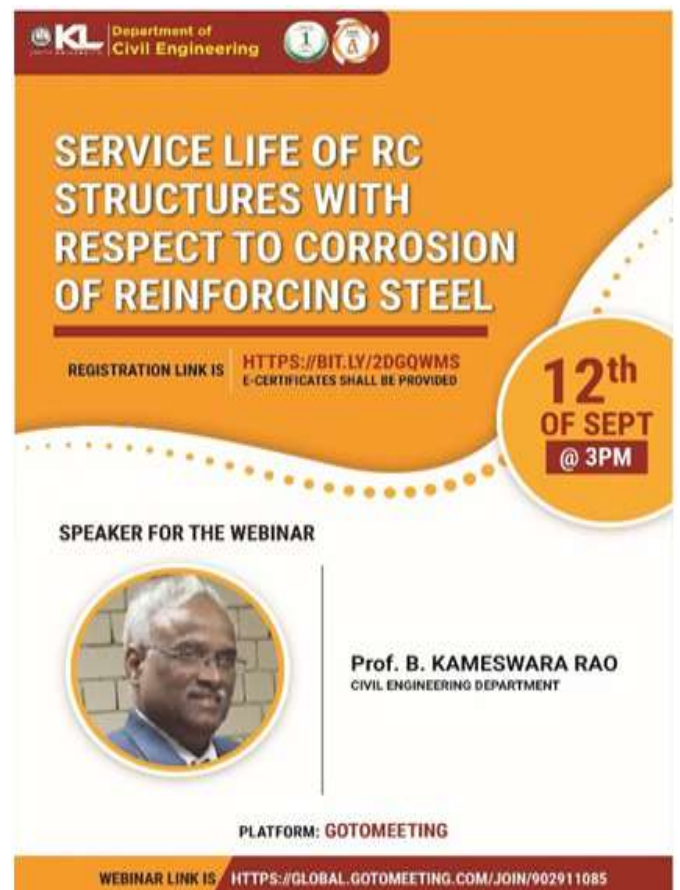
5<sup>th</sup> SEPT 3-4, 3:00PM

TEACHERS DAY  
WEBINAR ON TEACHING PEDAGOGIES IN 21<sup>ST</sup> CENTURY

KL Department of Civil Engineering

Dr. Ch. Hanumantharao  
HOD, Civil Engineering Department

reg link : <https://bit.ly/2GjKxsw> | web link : <https://global.gotomeeting.com/join/575843341>  
E-certificates shall be provided




KL Department of Civil Engineering

SERVICE LIFE OF RC STRUCTURES WITH RESPECT TO CORROSION OF REINFORCING STEEL

REGISTRATION LINK IS [HTTPS://BIT.LY/2DGQWMS](https://bit.ly/2DGQWMS)  
E-CERTIFICATES SHALL BE PROVIDED

12<sup>th</sup> OF SEPT @ 3PM

SPEAKER FOR THE WEBINAR



Prof. B. KAMESWARA RAO  
CIVIL ENGINEERING DEPARTMENT

PLATFORM: GOTOMEETING

WEBINAR LINK IS [HTTPS://GLOBAL.GOTOMEETING.COM/JOIN/902911085](https://global.gotomeeting.com/join/902911085)



## Guest Lectures

Mr. V. Koventhan, Principal Bridge Engineer, MMSB, Malaysia presented the lecture on "Full Span Launching of Precast Prestressed Segment for Railway Bridge" on 19th Aug, 2020. Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.



Dr. Tharun Dolla Research Associate, Department of Civil Engineering, Indian Institute of Technology, Guwahati, Assam, India. delivered the online lecture on "Construction Management Profession - Navigating the Post Pandemic Situation" on 1st September 2020. Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.

Dr. Jagadish Vengala, Associate Professor, Head, EDC, Incubation & Innovation centre, PVP Siddhartha Institute of Technology, Vijayawada, Andhra Pradesh had delivered the online guest lecture on 31st Sept, 2020. "Bamboo construction under Seismic zones". Lecture was attended by IV/IV B.Tech and M.Tech students of the Department of Civil Engineering.

## Industrial Tour

Department of Civil Engineering organized virtual Industrial tour to Sri. Mukha Road Products and Civil Labs Pvt Ltd on 22 September 2020 for B.Tech and M.Tech (CTM, SE) students, where they were briefed by Er. T. Anil Pradyuman about the manufacturing process of Bitumen and Quality control measures of Bitumen.

## National Highways Authority of India (NHAI)

Department of Civil Engineering, KLEF signed an MoU with National Highways Authority of India (NHAI), PIU, Amaravati on 20 August 2020 chiefly to dissemination of respective expertise in civil/highway engineering field through the road infrastructure development. The MoU aims to strengthen industry-institution gap, consultancy and research collaboration between the two institutions.



## Faculty Achievements:

B. Kameswara Rao, Key Note Speaker, "The Role of Supplementary Cementitious Materials in the Sustainable Development of Construction Industry" "AICTE Sponsored Online One Week Short Term Training Program on Recent Advances in Forensic Analysis of Sub and Super Structures" 29th June-04th July 2020, at Velagapudi Ramakrishna Siddhartha Engineering College, Vijayawada.

B. Kameswara Rao, Key Note Speaker, "Effect of Quality of construction of the service life of RCC Structures" "One Week Online Faculty Development Program on Advances in Concrete Sciences and Technology for Sustainability (ACSTS)" 13-18 July 2020, at VNRVJIET, Hyderabad.

B. Kameswara Rao, Key Note Speaker, "Advances in Concrete Science and Technology" "E-National Lecture (Webinar)" 30 July 2020, at RCIT, Palamu, Jharkhand.

N. Lingeswaran, Speaker, "Analysis and Design of structural components by using STAAD Pro, ETABS, SAFE and STAAD FOUNDATION Softwares" "3 Days Faculty Development Program" 14-16 September 2020,

Dr. Marimuthu K , Resource Person ,“Importance and methods of Quality Management”,Expert Lecture on “Quality Management- A Primer” 18 August 2020 at D Y Patil College of Engineering, Akurdi, Pune 44.

## Faculty Publications

Visalakshi B.S.S, Sri Harsha G, “Enhancement of Shear strength of deep beams using hybrid fibres and suggesting alternative for strut and tie model”, Materials Today: Proceedings, July 2020.

SowmyaMunagala, Durga Chaitanya KumarJagarapu, Ratnamala ReddyB.S.S, “Determination of water quality index for ground water near municipal dump site in Guntur”,Materials Today: Proceedings, July 2020.

Bharath ChandraV, J Brahma ChariK,V.Ranga Rao,“The comprehensive analytical investigation on blended cement concrete beams with glass fibers under flexural loading ”,Materials Today: Proceedings, July 2020.

Venkata Krishna Bhargavav, Brahma Chari K.J, V.Ranga Rao, “Experimental investigation of M40 grade concrete with supplementary cementitious materials and glass fiber”, Materials Today: Proceedings, July 2020.

Khan Asudullah Khan , Ashwin Raut , C. Rama Chandrudu ,C. Sashidhar “ Design and development of sustainable geopolymer using industrial copper by product Journal of Cleaner Production”, 278 (2021) 123565.August 2020.

Pesaralanka, V., Khed, V.C., 2020. Flowability and compressive strength test on self compacting mortar using graphene oxide. Materials Today: Proceedings, August 2020.

Kunchala Surender Kumar, Lingeshwaran N, “Analysis of Residential Building with STAAD. Pro & ETABS”, Materials Today: Proceedings, August 2020.



Dr. Veerendrakumar C Khed is an Associate professor in the department of Civil Engineering at KL University. He earned bachelor's degree in civil engineering in 2008 and M Tech degree in Structural

Engineering in 2011 from PDA college of Engineering Kalaburagi. He was received PhD degree from University Technology Petronas (UTP), Malaysia in March 2019. He has 5 years of industrial experience as Structural Design Engineer.

His research interests widespread in statistical optimization of cementitious composite structures, rubbercrete, nanomaterials, fibre reinforced concrete, pervious concrete. Majority of his work has been on developing the high-performance viable construction materials as an alternative to traditional construction materials. He has published 14 Scopus Indexed and 4 SCI articles in the field of structural engineering at various International Journals and conferences. He was also involved in review of various Elsevier journals. He was awarded with Graduate assistantship award during PhD at UTP, Malaysia for publishing the articles in Q1 journals. Also, he is a practicing Structural Design Engineer, where he designs the tall structures such residential and commercial building by optimising the various structural forms. During his experience as a structural Engineer, he was involved in the design of several medium to tall residential, commercial, and industrial structures using the IS code, BS code, Euro code.

## 53rd Engineers Day

Members of Civil Engineering Association of Department of Civil Engineering had celebrated 53rd ENGINEERS DAY on 15th September 2020 ,during which CEA had organized the following events.

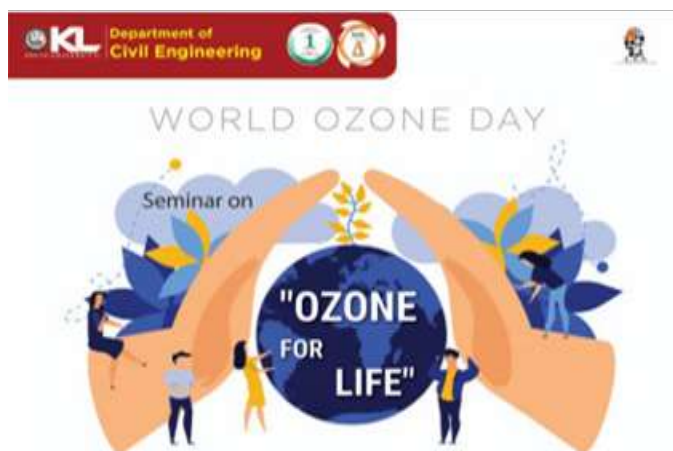
1.Live Webinar on “Sustainable Civil Engineering Practices for Shreshtha Bharat” by Er. Y. Guru Prasad, Executive Engineer, Polavaram Project, Andhra Pradesh.

2. One Pre-Event on Photography and Five Live Events (Technical quiz, Poster Presentation, Virtual Tour, FAQ (Frame a Question), JAM (Just a Minute)).

Students from various institutes across the country participated in the events.

## World Ozone Day

On the eve of World Ozone Day on 16 September 2020 Civil Engineering Association of Department of Civil Engineering had organized seminar on "Ozone For Life". Seminar was convened by Dr. Kakoli Karar Paul, Associate Professor, Department of Civil Engineering, NIT Rourkela on "Introduction to Air Pollution", followed by Dr. Jamiu Adetayo Adeniran, Senior Lecturer with the Department of Chemical Engineering, University of Ilorin, Nigeria, seminar was ended with a presentation on "Effects of Ozone in Atmosphere" by Dr. Namuduri Srinivas HOD, Department of Environmental Sciences, GITAM University



## Students Achievements/External Participation

35 Students of IV/IV B.Tech were Selected (Nation Wide) for an online "Live project" for one month Internship program by ECONSTRUCT DESIGN & BUILD PVT, Bangalore

Mr. P. Harshith, of II/IV B. Tech had secured I Prize in Technical Quiz conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. Y. Chandradeep, of II/IV B. Tech had secured II Prize in Technical Quiz conducted by CEA of Department of Civil

Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Ms. V. Jahnavi of II/IV B.Tech had secured III Prize in Technical Quiz conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. S. Sai Srinivas of II/IV B.Tech had secured II Prize in Just A minute contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. Tulasi Sai Krishna of II/II M.Tech had secured II Prize in "FAQ (Frame a Question)" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. N. Naga Praveen of IV/IV B.Tech had secured III Prize in "FAQ (Frame a Question)" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. P. Sai Kartik of II/IV B.Tech had secured I Prize in "Virtual Tour" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. K. Jagadeesh Chandra of IV/IV B.Tech had secured II Prize in "Virtual Tour" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. K. Aditya Krishna of II/IV B.Tech had secured III Prize in "Virtual Tour" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Ms. G. Keerti of IV/IV B.Tech had secured II Prize in "Poster Making" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

Mr. K. Darshan of IV/IV B.Tech had secured III Prize in "Poster Making" contest conducted by CEA of Department of Civil Engineering, KLEF on the eve of 53rd Engineers Day on September 15, 2020

I am S. V. Dharani Reddy of II/IV B .Tech Civil Engineering , of KL University. It is said that “college life teaches you life”. So, when I talk about my college life I've experienced so far, I would say that my University gave me most of the best days of my life!!

The first and foremost thing to mention about my life at KLU is it's the exuberant environment. The moment you enter the college, you can feel the tranquil aura of nature which reinvigorates your soul!! Which in turn helps you concentrate on all the things you learn!!

And the second thing is the people over here. Here, friends become family, and faculty become friends. Faculty start to treat you as their own child the moment you enter your campus!! Faculty makes you feel comfortable in a way that you can share your thoughts, fears, doubts which help you become a confident person in your life.

The third thing is that it taught me entrepreneurship skills and gave the chance to everyone to understand that knowledge is the key, and supported the ones with that knowledge as much as it can .You can witness the words putting into actions and motivates the students through various webinars,orientation classes!!

The fourth and final thing is that I got a chance to learn as well as to explore all my interests as much as I can. The hobby clubs, national level fests give wings to the students as they are a student lead events/bodies, which means, gaining the leadership qualities, organizing, and managing even before you enter the outside world.

Comprehensively, my college gave me a family, amazing faculty to teach, wings to fly high and explore, opportunities to learn about the outside world, and memories for life!!





# MATHEMATICS



## Webinar/Conference/Workshop

**VIRTUAL WORKSHOP ON ADVANCES IN FLUID MECHANICS-2020**

12<sup>th</sup> September, 2020

REGISTRATION LINK  
[HTTPS://FORMS.GLE/Z45WUJRT1CWA2XWY6](https://forms.gle/Z45WUJRT1CWA2XWY6)

**RESOURCE PERSONS**

**Dr. Ravi Dasgupta**  
 Chief Service Manager,  
 A.P.S. Corporation,  
 Andhra Pradesh.  
 Topic: Computational Fluid Dynamics  
 and its applications  
 Time: 9:45 AM - 10:45 AM

**Dr. P. Prabu**  
 Associate Professor & Head,  
 Dept. of Mathematics, VIT-Vellore,  
 Vellore-560019  
 Topic: Numerical Solution of Non-linear  
 equations - Two-Dimensional Flow in  
 Square Cavity  
 Time: 10:00 AM - 11:00 AM

**Dr. Shobana Kaveri**  
 Professor, Dept. of Mathematics,  
 Bangalore University of Engineering and  
 Technology (B.U.E.T), Bangalore  
 Topic: Development, Control and Response  
 of Nanofluid in Conjugate  
 Heat Transfer  
 Time: 11:00 AM - 12:00 PM

**Convener:**  
**Dr. B. V. APPA RAO**  
 Professor & HOD,  
 Department of Mathematics,  
 KLEF, Gurur.

**Co-convener:**  
**Dr. G. V. RAMANA REDDY**  
 Professor,  
 Department of Mathematics,  
 KJ Somaiya Institute of  
 Technical Studies, Vashi,  
 Mumbai



**ONE DAY INTERNATIONAL VIRTUAL WORKSHOP ON Latest Trends In Applied Mathematics 2020**

**26th, SEPTEMBER 2020 (SATURDAY)**

**RESOURCE PERSONS**

**Prof. M. S. Prasad Babu,**  
 Emeritus Professor,  
 Dept. Computer Science Engineering,  
 A.J.S. College of Engineering, Andhra university  
 Topic: Similarity Solutions of Ordinary  
 Differential Equations  
 Time: 10:30AM-11:30AM

**Dr. Anil Kumar Birru**  
 Assistant Professor,  
 Dept. of Mechanical Engineering  
 NIT, Manipal  
 Topic: Optimization of Manufacturing  
 process for Medical applications  
 Using Software Tools  
 Time: 12:00noon -1:00 PM

**Prof. J. Venkateswara Rao**  
 Professor,  
 School of Science & Technology,  
 United States International University,  
 LISU - ALPHARE, Noida, INDIA.  
 Topic: ALGEBRAIC & TOPOLOGICAL  
 ASPECTS OF PRE-A\* ALGEBRA.  
 Time: 2:40PM-3:30 PM

**Convener:**  
**Dr. B.V. APPA RAO**  
 Professor & HOD,  
 Department of Mathematics,  
 KLEF, Gurur.

**Co-Convener:**  
**Dr. S. BHAGAVAN**  
 Professor,  
 Department of Mathematics,  
 KLEF, Gurur.

**For Registration**  
 Scan QR

**DEPARTMENT OF MATHEMATICS**

**Speaker**

**Dr. M. Radha Madhavi**  
 Associate Professor,  
 Department of Mathematics,  
 KLEF

**National Webinar on**  
**Non Linear Partial Differential Equations and its Applications in Nanofluids**

On 24<sup>th</sup> August, 2020 @ 10:30 AM to 12.30 PM

Registration Link <https://forms.gle/uJf2Y99diguX9PWw8>

Organized by  
**Department of Mathematics, KLEF**

NO REGISTRATION FEE  
 E-CERTIFICATE WILL BE ISSUED TO ALL ATTENDED PARTICIPANTS

**Department of Mathematics**

**A TALK (VIRTUAL) On**  
**Quantum Attacks on Cryptographic Protocols**

Date: 26.08.2020 | Time : 11.00 am to 1.00pm

By

**Dr. Maheswara Rao Valluri**  
 Associate Professor  
 School of Mathematical and Computing Sciences,  
 Fiji National University

NO REGISTRATION FEE  
 E -CERTIFICATE WILL BE ISSUED TO ALL ATTENDED PARTICIPANTS

**For Registration**

**Registration Link:**  
<https://forms.gle/vJ62MHIBG3rjL6Tb8>

## Research Publications

Faculty of Mathematics have published 38 publications in various indexed journals during July to September 2020.

S.No	Title of the Paper	EMP / Student /Scholar Name	Journal / Conference Name	Primary Indexing Data Base
1	Analysis of water quality by using special graph theory and meta modelling	Mr. Charan kumar	Thailand Statistician	Scopus, Web of Science
2	New class of SORD using Balanced ternary designs	Dr K Rajyalakshmi	Thailand Statistician	Scopus, Web of Science
3	BIPOLAR VAGUE COSETS	Dr.T.Eswarlal	Advances in Mathematics: Scientific Journal	Scopus
4	OPTIMIZATION OF TRANSPORT PROPERTIES FOR THE BINARY SYSTEM OF ACETONE- WATER AT 303.15-318.15 K BY RESPONSE SURFACE QUADRATIC MODEL	Dr.N KONDA REDDY	International Journal of Advanced Research in Engineering and Technology (IJARET)	SCOPUS
5	EXISTENCE OF SOLUTION OF THE NONLINEAR DIFFERENTIAL EQUATION IN THE MODELLING OF EARDRUM BY USING HOMOTOPY PERTURBATION METHOD	Mr. J. PETER PRAVEEN, Dr. B.V.APPA RAO, Dr. B. MAHABOOB	Advances in Mathematics: Scientific Journal	Scopus
6	A STUDY ON MULTIPLE LINEAR REGRESSION USING MATRIX CALCULUS	Dr. B. MAHABOOB, Mr. J. PETER PRAVEEN, Dr. B. V. APPA RAO, Dr. G. BALAJI PRAKASH	Advances in Mathematics: Scientific Journal	Scopus
7	ENERGY SOURCE IMPACTS ON STEADY CHEMICALLY RADIATIVE JEFFREY LIQUID OVER A SHEET	Mr.Charan kumar	Advances in Mathematics: Scientific Journal	Scopus
8	AVERAGE DETOUR D-DISTANCE IN GRAPHS	Dr.T. NAGESWARA RAO,	Advances in Mathematics: Scientific Journal	Scopus
9	Edge-to-vertex and edge-to-edge D-distances	Dr.T Nageswara Rao	ITALIAN JOURNAL OF PURE AND APPLIED MATHEMATICS	ESCI/ Scopus/web of science
10	CHARACTERIZATION OF FOREMOST IDEAL OF A CONVENTIONAL SEMILATTICE WITH FUZZY RELATIONS	Dr. T Nageswara Rao	Advances in Mathematics: Scientific Journal	Scopus
11	SERIES DECOMPOSITION METHOD FOR ASYMMETRIC NONLINEAR OSCILLATIONS	Mr. J. PETER PRAVEEN, Dr.B. MAHABOOB	Advances in Mathematics: Scientific Journal	Scopus
12	COMPUTATION OF EXPECTED LIVE BIRTHS AS PER PREFERENCE OF COUPLES STOPPING RULE	Dr. V. Vasnta Kumar	Advances in Mathematics: Scientific Journal	Scopus
13	ENCOURAGED OR DISCOURSED ARRIVALS OF AN M/M/1/N QUEUEING SYSTEM WITH MODIFIED RENEGING	Dr. V. Vasanta Kumar	Advances in Mathematics: Scientific Journal	Scopus

14	COEFFICIENT OF DETERMINATION (R <sup>2</sup> ) BY THE PATH ANALYSIS FOR THE MOST EFFECTING DEMOGRAPHIC VARIABLES ON LIFE EXPECTANCY AT BIRTH IN INDIA	Dr. V. Vasanta Kumar	Advances in Mathematics: Scientific Journal	Scopus
15	AN IMPROVED CIPHER BASED AUTOMATIC THEOREM PROVING TECHNIQUE FOR ENCRYPTION AND DECRYPTION	Dr Sateesh Kumar Deevi	Advances in Mathematics: Scientific Journal	Scopus+ web of science
16	HEAT AND MASS TRANSFER EFFECTS ON MHD FLOW PAST AN INCLINED POROUS PLATE IN THE PRESENCE OF CHEMICAL REACTION	Dr.G.Venkata Ramana Reddy	International Journal of Applied Mechanics in Engineering	Scopus
17	Radiation and chemical reaction effects on MHD Casson fluid flow past a semiinfinite vertical moving porous plate	Dr.G.Venkata Ramana Reddy	Indian Journal of pure and applied physics	SCIE
18	EXISTENCE OF SOLUTION OF THE NONLINEAR DIFFERENTIAL EQUATION IN THE MODELLING OF EARDRUM BY USING HOMOTOPY PERTURBATION METHOD	Mr.J. P. Praveen, Dr.B. V. Appa Rao, Dr.B. Mahaboob	Advances in Mathematics: Scientific Journal	Scopus
19	Optimized Hybridization of Ant Colony Optimization and Genetic Algorithm (HACOGA) Based IC-FNN Classifier for Abalone	Dr.G.Suresh kumar	Journal of Computational and Theoretical Nanoscience	Scopus
20	A STUDY ON MULTIPLE LINEAR REGRESSION USING MATRIX CALCULUS	Dr.B. MAHABOOB, Mr.J. PETER PRAVEEN, Dr.B. V. APPA RAO, Dr. G. BALAJI PRAKASH	Advances in Mathematics: Scientific Journal	Scopus
21	THE MINIMUM MEAN HUB ENERGY OF CERTAIN GRAPHS	Dr.N.Srimannarayana	ADVANCES IN MATHEMATICS : SCIENTIFIC JOURNAL	SCOPUS
22	CERTAIN INTEGRALS AND SERIES EXPANSIONS INVOLVING MODIFIED GENERALIZED I-FUNCTION OF PRASAD	Dr.N.Srimannarayana	Advances in Mathematics: Scientific Journal	SCOPUS
23	BILATERAL RELATION FOR GENERALIZED HYPERGEOMETRIC FUNCTION WITH SYLVESTER POLYNOMIAL	Dr.N. SRIMANNARAYANA, Dr.M. RADHA MADHAVI	Advances in Mathematics: Scientific Journal	SCOPUS
24	TRANSFORMATION FORMULAE FOR MODIFIED MULTI-VARIABLE I-FUNCTION OF PRASAD	Dr.N.Srimannarayana	Advances in Mathematics: Scientific Journal	SCOPUS
25	CARTESIAN PRODUCT OF MULTI L-FUZZY IDEALS OF GAMMA NEAR RING	Dr.B.SRINIVASA KUMAR	Advances in Mathematics,	scopus
26	Numerical scrutinization of three dimensional casson carreau nano fluid flow	Dr G V Ramana Reddy	Journal of Computational & Applied Mechanics	Scopus
27	Influence of critical parameters of thermophoresis on MHD no-darcy flow of a casson fluid past a permeable stretching sheet	Dr G V Ramana Reddy	Frontiers in Heat and Mass Transfer (FHMT)	Scopus

28	Vague Bi-interior ideals of a Gamma-semiring	Dr.Y. BHARGAVI, Dr. S. RAGAMAYi, Dr.T. ESWARLAL, Dr.G. Jaya Lalitha	Advances in Mathematics: Scientific Journal	scopus
29	An efficient pulse compression favourable thermal excltation scheme for non destructive testing using infrared thermography	Dr. W.Sridhar	Electrinics Letters: IET Digital Library	scopus, SCIE
30	Neural-network based method for data partitioning and parameter learning using fuzzy term idemtifcation	Dr. G.Suresh Kumar	Intellectual Property India	Patent Publication
31	Method Involved in caluculation of domain specific score	Dr. V.S.Bhagavan	Intellectual Property India	Patent Publication
32	VAGUE ANTI HOMOMORPHISM OF A $\hat{\Gamma}$ -SEMI RINGS	Dr.Y. BHARGAVI, Dr. S. RAGAMAYi, Dr.T. ESWARLAL, Dr.P. BINDU	Advances in Mathematics: Scientific Journal	scopus
33	Efficient Pulse Compression Favourable Thermal Excitation Scheme for Non-destructive Testing using Infrared Thermography: A Numerical Study	Dr.Sridhar Wuriti	Electrinics Letters: IET Digital Library	SCIE and Scopus
34	Temperature Distribution for the Flow of Fluid under the Action of Peristalsis in the Presence of Magnatic Field	Dr. Venkata Subrahmanyam Sajja	Journal of Green Engineering	Scopus
35	Some Generating Relations of Generalized Hypergeometric 2D polynomials by Lie Group - Theoretic Method	Dr.V.S.Bhagavan	International Journal of Disaster Recovery and Business Continuity	web of science
37	CHARACTERIZATION OF FOREMOST IDEAL OF A CONVENTIONAL SEMILATTICE WITH FUZZY RELATIONS	Dr. T. NAGESWARA RAO	Advances in Mathematics: Scientific Journal	Scopus
38	Splitances of cycles are antimagic	Dr K Rajyalakshmi	Advances in Mathematics: Scientific Journal	Scopus

3 students awarded Ph. D degrees 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 T Nageswara Rao and Dr D Madhusudhana rao	Ch Sreemannarayana	12-08-2020	KLEF	Applied Mathematics
2	Dr G V Ramana Reddy and Dr. S. Mohammed IBRAHEM	K Sunitha	14-08-2020	KLEF	Fluid dynamics
3	Dr K V CHANDRA SEKHAR and Dr D R V Prasad RAO	V Arundathi	15-09-2020	KLEF	Fluid dynamics

Dr. D Satish Kumar, Associate Professor received Best Researcher National award, from the private organization -IRDP Group of journals, Chennai India.



## Rice Bowl Challenge



“RICE BOWL CHALLENGE” is an extension activity which is sponsored by KL University. The department of English took a lead in helping the needy through this event “RICE BOWL CHALLENGE”. Our team has contributed 50 Kg of rice on 22nd September 2020.

### SOCIAL EXTENSION ACTIVITY

Faculty members, Dr. S Srinivas, Mr. Surendra, Mr. G Subhakar, Mr. G N Manikanta of English department, KLEF, have conducted a campaign on ‘Covid-19: Introduction and Prevention’ to educate the citizens in Vaddeswaram on 04/08/2020, 10/08/2020 and 03/09/2020.

### Resource Person:

Dr.S Lavanya, Assoc Prof and H.O.D of Dept. of English, KLEF has given an online lecture on the topic “Stylistic relation with Linguistics and Literature” on 23rd Aug 2020 to the students of Cluster University of Jammu.



An active One Day National Webinar with the title “Action Research in ELT” was initiated by English Department on 20th September 2020 under the active supervision of Dr.S.Lavanya HOD English, Dr. M. Ambedkar Deputy HOD, Dr. Pavani and Mr. Y.Karthik. The webinar was a grand success with the talk given by Dr.Suvarna Lakshmi, HoD Department of ELT, EFLU, Hyderabad.

PhD awarded

Two research scholars were awarded Ph.D in the month of July, 2020.

1st July 2020. Mrs.GoratlaKalpna Devi (regd no: 14324004) on the title “New Perspectives in Gender Studies- A Study on Select Novels of Namitha Gokhale” and Mr. Chakrapani (regd no: 153240102) on “A Linguistic Stylistics Study on Select novels of Vikram Seth” on the same day.

The English department credited two more viva voce, one in the month of September on 30th and the other in the month of October on 2nd. Ms S.Nabiya Banu (Regd No- 15324010) and Ms Minhaj Fathima (Regd No- 15324013) are ready to submit their Thesis under the supervision of Dr. Raja Ambedkar sir and Dr.M. Latha respectively



### Research Publications:

1. Y. Anantha Lakshmi, K. Swapna, K.S. Rama Krishna Reddy, Sk. Mahamuda, M. Venkateswarulu, A.S. Rao "Concentration dependent photoluminescence studies of Dy<sup>3+</sup> doped Bismuth Boro-Tellurite glasses for lasers and wLEDs" in Optical materials, 109 (2020) 110328.
2. V. Murali Krishna, Sk. Mahamuda, P. Rekha Rani, K. Swapna, M. Venkateswarlu, A. S. Rao "Effect of samarium ions concentration on physical, optical and photoluminescence properties of Oxy-Fluoro Boro Tellurite glasses" in Optical Materials 109 (2020) 110368.
3. Dr.Shaik Babu published a paper entitled "Intermolecular interaction studies of binary liquid mixtures of 2-methyl cyclohexanone with o-anisidine/m-anisidine/p-anisidine in terms of thermoacoustic parameters at different temperatures" in Indian Journal of Pure & Applied Physics, Vol. 58, September 2020
4. Dr.Shaik Babu published a paper entitled "Studies on Associated Solutions: Thermodynamic Parameters of Binary Liquid Mixtures of Propiophenone and o-substituted Aniline" Russian Journal of Physical Chemistry A, 2020, Vol. 94, No. 12, pp. 2536–2549.
5. Dr.Shaik Babu published a paper entitled "impact of molecular interactions on binary solutions of 2-propanol with methoxy aniline isomers at different temperatures" Rasayan Journal of Chemistry, 2123-2132| October - December | 2020
6. Dr.N.S.M.P.Latha Devi, Assoc. Professor published a paper entitled "Investigating the relationship between aerosol and cloud optical properties inferred from the MODIS sensor in recent decades over East China",

JingHuang , LingbingBu, Kanike RaghavendraKumar, Rehana Khan, N.S.M.P. Latha Devi, Atmospheric Environment Volume 239, 15 October 2020, 117812.

7. Dr. K. Raghavendra Kumar, Associate Professor published a paper titled "The contribution of different aerosol types to direct radiative forcing over distinct environments of Pakistan inferred from the AERONET data" in Environmental Research Letters, doi: 10.1088/1748-9326/aba2a6, 2020, Impact Factor (SCI): 6.096.
8. Dr. K. Raghavendra Kumar, Associate Professor published a paper entitled "Investigating the relationship between aerosol and cloud optical properties inferred from the MODIS sensor in recent decades over East China", JingHuang , LingbingBu, Kanike RaghavendraKumar, Rehana Khan, N.S.M.P. Latha Devi, Atmospheric Environment Volume 239, 15 October 2020, 117812.

### Patents:

1. Dr.Shanmugan, Assistant Professor got a patent published with filing number: 202041028523 date: 04/07/2020 and Patent Publication Number-202041028523 A date: 17/07/2020; Page Number-26953 with title: Entropy-Based Image Retrieval Method for Faster Retrieving of Images, Links:

<http://www.ipindia.nic.in/journal-patents.htm>

[http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1\\_4887\\_1/Part-1.pdf](http://www.ipindia.nic.in/writereaddata/Portal/IPOJournal/1_4887_1/Part-1.pdf)

## Webinars/FDPs/Workshops Attended & Conducted:

### Online Quiz Conducted by the department:

1. Dr.N.S.M.P.Latha Devi, Assoc. Professor, and Dr.K.Raghavendra Kumar Assoc.Professor Organized online quiz entitled "Creating awareness on global warming" from 9th July to 12th July, 2020.

### Webinar Conducted by the department:

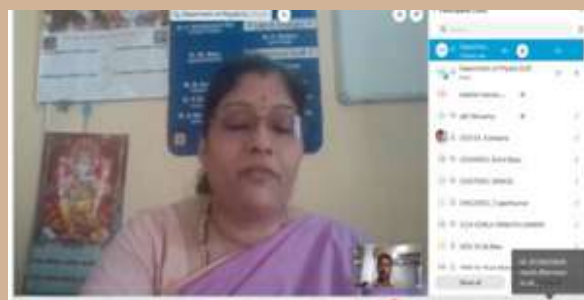
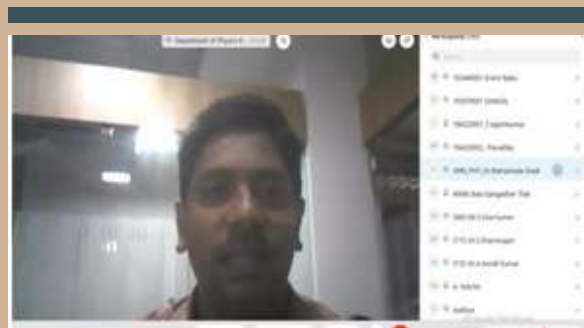
1. Dr. K. Raghavendra Kumar, Associate Professor and Dr.N.S.M.P.Latha Devi, Assoc. Professor, Organized National level webinar on Recent advance in materials science and Engineering applications on 4th July 2020.

### Workshop Conducted by the department:

1. Dr. K. Raghavendra Kumar and Dr.N.S.M.P.Latha Devi, Assoc. Professor, Organized one day international workshop exploring the science of atmosphere from space on 26th August 2020.
2. The Department of Physics, KLEF organized Two-day National e-workshop on "Introduction to Origin software" on 29th-30th of September, 2020. Total 451 participants registered for this workshop and 250 were joined on live. Proceedings of the workshop and welcome addressed by Dr.A.Venkateswara Rao, Convener of the workshop. Dr.G.Sunita Sundari, Organising Secretary addressed the gathering with highlights of the department of Physics.

In first day of workshop, Invited speaker Mr.Kunal Trivedi from Konark Solutions, Bangalore, given talk on over view of the software, updates, and how to get license for student version, faculty and institutions. Second speaker Dr.A.V.Ravindra, from Metallurgical and Energy Engineering, Kunming University, China, given talk on introduction to origin, data importing and drawing graphs and calculation of enegy band gap in semiconductor devices using liner fitting.

In the second day, Dr.S.D.Rama Rao, Postdoctoral Fellow, JNCSR, Bangalore, has given talk on Curve fitting, data analysis. Second speaker, Dr.J.Raghavendra Rao has given talk on analysis of Raman data, base line reduction and image J software. Over 250 participants were on line to the workshop and got benefitted and given excellent feedback. Workshop concluded with vote of thanks by Dr.K.Swapna, Co-Convener of the workshop.



## Sponsored Projects Ongoing:

Funding Agency	Name of the Faculty	Project Title	Status
UGC-DAE	Dr G Sunita Sundari & Dr E HariKrishna	"Development of Ion Conducting Polymer Electrolyte using Thin film Nano Crystalline Composites for the Application towards Batteries"	Ongoing

Project Title	Funding Agency	Cost	Period	Remarks
DST-FIST Level-I File No: SR/ FST/2018/00035	DST, Govt. of India, New Delhi	107 Lakhs	5 years (2019-2024)	Ongoing (Project Implementation Group Members)
Dr. NSMP Latha Devi (Project Coordinator)				
Dr. G.Sunita Sundari Dr. Mahamuda Shaik Dr. K. Swapna Dr. A.Venkateswara Rao				

## 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 New research Lab. Multifunctional XRD along with Air Compressor, Chiller and Desktop for Analysis.



XRD Instrument and its accessories



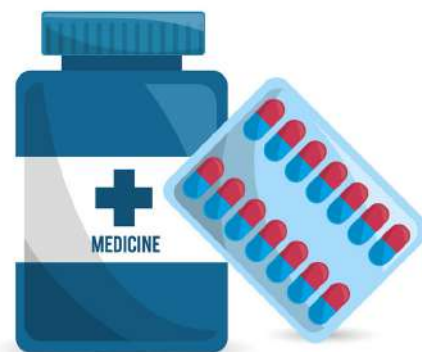
FT-IR Spectrometer along with Pellet Machine



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



## PHARMACY



### Faculty Organised Webinars/ Conferences/FDP'S FDP at KLCP

Dr. G.S.N. Koteswara Rao, Associate Professor, Organized FDP on "Flipped Classroom and virtual labs" during 9th July 2020 held at KL College of Pharmacy. KLCP faculty were actively participated in this workshop.



Dr. G.S.N. Koteswara Rao, KLCP, giving a talk on 'Flipped Classroom and Virtual Labs

### KLCP-MYBO International Webinar

K L College of Pharmacy, Koneru Lakshmaiah Education Foundation Deemed to be University has organized the International Webinar on "Advanced Pharmaceutical Analytical Techniques" on 25th July 2020 in association with a national voluntary organization, MYBO Group. The webinar was aimed at providing comprehensive knowledge to the faculty, research scholars and students of B. Pharm., M.Pharm. There is an huge response and more than 1000 member were registered though out India for the webinar and viewd the session in you tub i.e., <https://youtu.be/RtI2ETj2st4> with a more than 2K Views. Keynote Speaker Dr. W. John Laugh Reader in Pharm. Analysis, University of Sunderland, U.K. has delivered a scientific talk on Advanced Pharmaceutical Analytical Techniques".

Convener of the webinar and Principal, K L College of Pharmacy, Dr. G. Chakravarthi has greeted the speaker and participants for the smooth conduct of the webinar. Program Co-ordinator of the International webinar, Dr. G.S.N Koteswara Rao has taken care for the scheduled conduct of the session. Co-Convenor, Dr. K. Uma Sankar are also present during the conference. Organizing Secretary, Dr. A. Rajasekhar Reddy have given introduction of the speaker.

**K L College of Pharmacy**  
KLEF Deemed to be University  
in association with  
Mybo Group

Organizing an  
**INTERNATIONAL WEBINAR**  
on  
**Advanced Pharmaceutical Analytical Techniques**

International  
Esteemed Speaker  
**Dr. W. John Lough**  
Reader in Pharm. Analysis  
The University of Sunderland,  
United Kingdom.

Date: 25<sup>th</sup> July 2020, Saturday  
Time: 3.00 - 4.00 PM (IST)

E-certificates will be issued to all registered participants

**FREE REGISTRATION LINK**  
<https://forms.gia/Q9pdrTLVtz4gpyy9>  
or visit [www.mybogroup.com](http://www.mybogroup.com)

**Organizing Committee**

Convener <b>Dr. G. Chakravarthi</b>	Organizing Secretary <b>Dr. GSN Koteswara Rao</b>
Co-Convener <b>Dr. K. Umasankar</b>	Program Coordinator <b>Dr. A. Rajasekhar Reddy</b>

[www.kluniversity.in](http://www.kluniversity.in)

Address by Chairman of event, Dr. G. Chakravarthi, Principal, KLCP, Opening Remarks by Convener, Mr. B. Nagaraju, Introduction of Speaker by Dr. A. Rajasekhar Reddy, Asst. Professor, KLCP, Scientific Talk by the Speaker – Dr. Kumar V.S. Nemmani, Director, SVCP, Bvm. The outcome of the webinar is helpful to all classes of students in Pharmacy for better understanding and planning of the research in said topic. Closing Remarks and Questions & Answers Session, Moderated by Mr. D. Prasanna Kumar, and Vote of Thanks by Org. Secretary, Mr. A. Narayana Rao, Asst. Professor, KLCP. This webinar is free of cost for participants and certificates issued to all the participants.



## KLCP-MYBO National Webinar

K L College of Pharmacy, KLEF in association with a professional body Mybo Group organised National webinar on Holistic Approaches to Optimise Treatment Outcomes in Severe Asthma Patients: 9-P's of Severe Asthma. On 5 th September, Saturday, 2020. Dr. Kumar V.S. Nemmani Director, Shri Vishnu College of Pharmacy, Bhimavaram speaker for this conference. For this conference total 2642 participants are registered from all over India. The program Introduced by Co-Chairman - Dr. GSN Koteswara Rao, Assoc. Professor, KLCP, Welcome

## Patents

- Mr. B. Nagaraju Published a Patent on "Intelligent Virus Detectio Biochip (202041023019)" approved by Intellectual property rights of India, jun 19, 2020.

## Summer Research Training Certificate

Dr. Risy Namratha and Mr. B. Nagaraju has successfully completed CSIR- Summer Research Training program (CSIR- SRTP) 2020 Online during the June to August 2020 coordinated by CSIR – NET, Jorhat





## Research Publications

1. Sadhana Noothi, Narender Malothu, Umasankar Kulandaivelu, GSN Koteswara Rao, Rajasekhar Reddy Alavala, Vishnu Pulavarthy. Preparation and Evaluation of Simvastatin Nanosponges. International journal of pharmaceutical research. ISSN 0975-2366, Jul 2020.
2. Nagaraju Bandaru, Chandrasekhar Komavari, Uma Sankar Gorla, GSN Koteswarao, Umasankar Kulandaivelu, A. Ankarao. Neuroprotective effect of Conessin on Research Journal of Pharmacy and Technology. ISSN 0974-360X; June 2020.
3. Dintakurthi Sree Naga Bala Krishna Prasanth, Siva Prasad Panda, Atmakuri Lakshmana Rao, Nayudu Teja, Veenam Bhavya Naga Vani, Tera Sandhya, Pathange Bharghava Bhushan Rao. In-vitro Anthelmintic Impact of Various Extracts of Pavetta tomentosa Root on Pheretima posthuma and in-silico Molecular Docking Evaluation of some Isolated Phytoconstituents. Indian Journal of Pharmaceutical Education and Research. ISSN 0019-5464; June 2020.
4. Prasanth DSNBK, Manikanta Murahari, Vivek C, Siva Prasad Panda, Chakravarthi Guntupalli, Lakshmana Rao Atmakuri. In-silico identification of potential inhibitors from Cinnamon against Main Protease and Spike Glycoprotein of SARS CoV-2. Journal of Biomolecular Structure and Dynamics. June 2020.
5. Nagaraju Bandaru, Uma Sankar Gorla, GSN Koteswarao, A. Ankarao. COVID: An overview of their structures, replications, diagnosis, drug targets, new reported vaccine strategy. International Journal of Pharmaceutical Research. ISSN 0975-2366. July 2020.
6. DSNBK Prasanth, Siva Prasad Panda, Atmakuri Lakshmana Rao, Guntupalli Chakravarti, Nayudu Teja, Veenam Bhavya Naga Vani, Tera Sandhya.

Indian Journal of Pharmaceutical Education and Research. ISSN 0019-5464; July 2020.

7. Rajesh Kumar Chawla, Subhranshu Panda, Kulandaivelu Umasankar, Siva Prasad Panda, Dalu Damayanthi. Risk Assessment, Screening and Control of Elemental Impurities in Pharmaceutical Drug Products: A Review. Current Pharmaceutical Analysis. ISSN: 1875-676X. July 2020.
8. Bikash Ranjan Jena, Siva Prasad Panda, Kulandaivelu Umasankar, Surya Kanta Swain, GSN KoteswaraRao, Dalu Damayanthi. Applications of QbD-based software's in Analytical Research and Development. Current Pharmaceutical Analysis. ISSN: 1875-676X. July 2020.
9. Venkata Rajesh Yella, Akkinapally Vanaja, Umasankar Kulandaivelu, and Aditya Kumar. Delving into Eukaryotic Origins of Replication Using DNA Structural Features. ACS Omega. ISSN 2470-1343; July 2020.
10. Uma Sankar Gorla, GSN Koteswara Rao, Uma Sankar Kulandaivelu, Rajasekhar Reddy Alavala, Siva Prasad Panda. Lead Finding from Selected Flavonoids with Antiviral (SARS-CoV-2) Potentials against COVID-19: An in-silico Evaluation. Combinatorial Chemistry & High Throughput Screening. ISSN: 1875-5402. August 2020.
11. M.Nareder, A.Anka rao, Sreehasa araja, Mounika paidi. UV Spectro Scopic Method Development and Validation for Simulatenous Estimation of Doxylamine Succinate and Pyridoxine Hcl In Bulk And Ph.Dosage Form. Sep 2020.

## Student Achievements/ External Participation

Rehima Mohammad of IV. B. Pharmacy received Best E-Poster Presentation in AICTE Sponsored International Pharmacy E-Poster Competition on Leading – Edge Insights in Pharma During pandemic organised by Vishnu Institute of Pharmaceutical Education and Research on 11-09-2020.





## awareness programme on "Women Rights and Responsibilities"

KLEF College of Law and Women forum, KLEF conducted an online awareness programme on "Women Rights and Responsibilities" on 24-06-2020 (From 02:00 p.m. to 3:30 p.m.) Dr. P. Sailaja, Associate Professor, Department of Law, acted as an orator and enlightened the fraternity with the classification of Rights of Women. More of which she has also thrown light on the responsibility of society and its members in protecting women and her Rights. Thirty students along with 13 faculty members of KLEF have actively participated in the online webinar.



## An Awareness Programme On Anti-Discrimination

KLEF College of Law and Women forum, KLEF conducted an online workshop on "Creating awareness among the students on anti-discrimination" on 04-07-2020 by Mr. I. Madhu Sarma, Assistant Professor, KL College of Law. The Speaker has demonstrated the wide area of legal provisions relating to Anti-discrimination with real life incidents. He has specially elaborated the issues of Human Rights violations in the society inspite of many laws to protect the weaker sections of society from Discrimination.



## An Awareness Programme On Gender Sensitization

KLEF College of Law and Women forum, KLEF conducted an online workshop on "Creating awareness among students on gender sensitization" on 03-07-2020 by Dr. B. Lava Raju, Assistant Professor, KL College of Law. The orator has enlightened on the issues related to Gender sensitization and the problems faced by women still today though living in a so called civilized society.





## Literacy Day Celebrations - Elocution Competition "Digital Literacy In The Post Covid World"



ECM Women's Forum in association with KLEF Women's Forum conducted Elocution Competition on "Digital Literacy in the post COVID world" on the eve of International Literacy Day celebrations on 8th and 9th September 2020. Mrs. Arunasri, faculty in charge of Women's forum, ECM Department has coordinated the event. Our students bagged the below prizes:

S.No.	Regd. No	Name	Branch	Year	Prize
1	160550020	K. Krishna Deepthi	BBA-LLB	V	First Prize
2	180550006	A.V.Sai Praneetha	BBA-LLB	III	Third Prize

## Awareness Programme On "The Progress Of Achieveing Gender Parity In India"

The Grievance cell of KLEF conducted an online awareness Workshop on "THE PROGRESS OF ACHIEVEING GENDER PARITY IN INDIA" on 30 -09 -2020 (From 02:30 p.m.to 4:30 p.m.) in which B.S.N. SUMA BALA Assistant Professor, Department of Law, acted as an orator and enlightened the fraternity regarding the issues relating to Gender Inequality. More of which she has also thrown light on the reasons behind Gender Gap and the responsibility of society and its members towards Gender Empowerment and Sensitization.



## Awareness Campaign On "Cyber Threats, Safety And Security Measures"

A yellow poster for the awareness campaign. At the top, it says "KL Women's Forum" with the KL University logo on either side. Below that, it lists "Resource Persons: T. Vijayalakshmi, Psychologist, KLH" and "Dr. K.I. Pavan Kumar, HoD, KL College of Law, KLU". It also provides a "Link for Registration" and a "Link for Joining". On the right side, it says "Two Day Online Awareness Campaign on Cyber Threats, Safety & Security Measures to follow" and "30th & 31st August 2020 10 am to 11 am".

**KL Women's Forum**  
(Dedicated to the UNIVERSITY)

**Resource Persons:**  
**T. Vijayalakshmi,**  
Psychologist, KLH

**Dr. K.I. Pavan Kumar,**  
HoD, KL College of Law, KLU

Link for Registration:  
[https://docs.google.com/forms/d/1HRpXawXjIFmUZ\\_0GutE0iqY4zmvvU986ZOVSUpQUr14](https://docs.google.com/forms/d/1HRpXawXjIFmUZ_0GutE0iqY4zmvvU986ZOVSUpQUr14)

Link for Joining :  
<https://kluniversity.webex.com/kluniversity/j.php?MTID=mfb0a6868c3988873227310ed3ae48c01>

Two Day Online  
Awareness Campaign on  
**Cyber Threats,  
Safety & Security  
Measures to follow**  
30<sup>th</sup> & 31<sup>st</sup> August 2020  
10 am to 11 am

CENTRAL WOMEN'S FORUM AND KL College of Law, Women's Forum, CONDUCTED 2 DAY ONLINE AWARENESS CAMPAIGN 30th and 31st August, 2020 (10:00 am to 11:00 am) on "CYBER THREATS, SAFETY AND SECURITY MEASURES" by inviting eminent recourse persons like T.Vijayalakshmi , Psychologist, KLH and Dr.K.I.Pavan Kumar, HOD, KL COLLEGE OF LAW, GUNTUR. Around 150 members from KLU , Guntur and KLH have actively participated.

On Frist day, Madam T. Vijaya Lakshmi, Psychologist, KLH, enlightened the psychological issues on how a women should face the problems that they encounter when interacting in Cyber Space, though living in a so-called civilized society.

On the Next Day , Dr.K.I.Pavan Kumar, HOD , KL College of Law, has thrown light on the contemporary issues of Cyber Stalking , Pornography and Morphing and has given a big picture about the Social and Legal Measures to be taken.



LET'S  
**STOP**  
CYBERSTALKING

**CYBERSTALKING**  
HOW, WHO AND WHY





## Department of PHYSICAL EDUCATION



### Achievements and Awards

Winning the prizes and awards has been a regular practice at KL (Deemed to be University). All the major Sports and Games are supervised by well trained and qualified coaches because of which, our students have been winning prizes at International, National, State level apart from Inter-University level.

The following players of our KLEF medalists in the International, National, South Zone & State tournaments in different Sports and Games for the A.Y 2020-2021 . (June to August -2020)

#### LIST OF ACHIEVEMENTS

##### INTER NATIONAL LEVEL ACHIEVEMENTS 2020-21

S. NO.	NAME OF THE STUDENT	ID NO	BRANCH	YEAR	EVENT	LEVEL	PLACE	DATE & VENUE
1	D.Bala Chandra Prasad	194240001	MA English	II	Chess	International	I	1st Leelavathi Memorial Open online Blitz chess tournament Organized by YVK Chakravarthi held at India on 11-07-2020
2	D.Bala Chandra Prasad	194240001	MA English	II	Chess	State	I	4th AP State online chess tournament held on 04-08-2020.





## NATIONAL SPORTS DAY



## MEDIA COVERAGE

ChessBase India

Search... GO Shopping Bag Open Bag 97K Likes 14.4K followers

### Dhulipalla Bala Chandra Prasad wins 1st Leelavathi Memorial Open

By Shahid Ahmed | 17/07/2020

IM Dhulipalla Bala Chandra Prasad scored an unprecedented 9.0/9 and took a sole lead heading into the final round. He drew his last round game to clinch the championship with a score of 9.5/10. Reigning National Sub-Junior champion IM Raja Rithvik R also played brilliantly, scored sole 8.5/10 to secure second position. GM Diptayan Ghosh was placed third among five other players who finished at 8.0/10, due to his better tie-break score. Y V K Chakravarthy organized this event in memory of his late mother Leelavathi. The tournament had a total prize fund of Rs.30000. There was no entry fee for this event and total 236 players took part from twelve countries across the world including India. Photo: Shahid Ahmed

### Bala Chandra dominates the field

IM Dhulipalla Bala Chandra Prasad played fantastic as he took a 9/9 lead requiring just a draw in the final round to clinch the championship. He finished at 9.5/10, a full point ahead of the runner-up. Reigning National Sub-Junior champion IM Raja Rithvik R also delivered a stellar performance as he finished at the first runner-up place with 8.5/10. Five players finished at 8.0/10, they are - GM Diptayan Ghosh, GM Laxman R R, IM Aronyak Ghosh, GM Vugar Rasulov of Azerbaijan and GM Shardul Gagare. Diptayan secured the second runner-up position due to a better tie-break score.



IM Dhulipalla Bala Chandra Prasad delivered a fantastic performance | Photo: Shahid Ahmed

### Balachandra claims chess title

**Vijayawada:** International Master Dhulipalla Balachandra Prasad of Guntur, with a tally of eight points from nine rounds, emerged winner in the fourth A P state online chess tournament. Visakhapatnam's B Saketh (8 points) finished runner-up while Afried T Khan (7.5 points) of Anantapur took the third spot. A total of 472 players took part in the tournament, informed Y Suman, secretary, A P Chess Association. **TIMES OF INDIA**  
05-08-2020



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