



PANORAMA

VOLUME 7

ISSUE 6

July 2018





RANKED No.1



AP GREEN AWARDS 2017
Under Universities (Private) Category



Koneru Shiva Kanchana Latha
Secretary, KLEF

RANKED No.3



AP GREEN AWARDS 2017
Under Individual Home Gardens (Private) Category



KL PANORAMA

VOLUME 7

ISSUE 6

July 2018

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Please send your suggestions for improvement of the publication to newsletter@kluniversity.in

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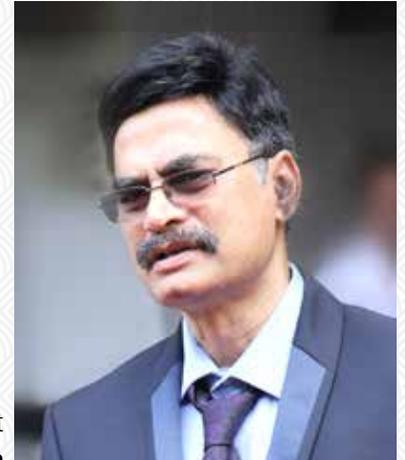
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PRESIDENT'S MESSAGE



President
Er. Koneru Satyanarayana

Dear Reader,

Welcome to the July '18 edition of K L newsletter K L Panorama. It is a matter of immense pride that KL has once again been ranked as the "Top Private Engineering Institution" by various surveys conducted by India Today Magazine Survey 2018, Times Engineering Institute Ranking 2018, Carrers 360, Indian Education Network, OUTLOOK & Drshiti Engineering College Survey 2018 Higher Education Review Survey 2018 and many more. K L Campus got 1St Rank under Universities (Private) Category at AP GREEN AWARDS announced by Govt. of Andhra Pradesh. Research is an important aspect of knowledge building, and we have always given research the encouragement it deserves. In fact, our dedication to research has resulted in many of our faculty members receiving awards for their continued dedication and persistence in their chosen field of research. The standards at K L are set very high, and our students are not just performing to those standards, but are constantly raising the bar. I appreciate the efforts of academic staff college and the departments in organizing various programs and many other workshops where the faculty and students plan, design, and develop a learner centric teaching environment.

We are proud to celebrate the accomplishments of our faculty

as they are honored through awards by various national and international agencies. Our Students had showcased their innovative and creative potential in various technical events organized across India. Experts from academic and corporate sectors visited the University on various occasions and shared their experiences with the students and faculty members. The achievement of our faculty and students are also recorded in this issue. We look forward to your comments and suggestions.

Happy Reading !

- Er. Koneru Satyanarayana
President - KLEF

VICE CHANCELLOR'S MESSAGE

Dear Reader,

It gives me immense pleasure and a sense of great pride that we had secured the best place among all private engineering Institutes in Andhra Pradesh as per the surveys conducted by OUTLOOK & Drshti Engineering College Survey 2018, Higher Education Review Survey 2018, India Today Magazine Survey and Times Engineering Institute Ranking 2018. We had also secured awarded First place under Universities (Private) Category at AP GREEN AWARDS sponsored by Government of Andhra Pradesh. We are proud to celebrate the accomplishments of our faculty and students as they are honored through awards by various national and international agencies. Our Students had showcased their innovative and creative potential in various events organized across India. This issue of newsletter recorded university major events, our faculty and student accomplishments, guest lectures by eminent faculty from diverse fields, department level events, and Extension activities along with research progress of our university. I appreciate the efforts of our publishing team. I hope reading this issue will be exciting.



Dr. L S S Reddy
Vice Chancellor -KLEF

PRO-VICE CHANCELLOR'S MESSAGE

Dear Reader,

Welcome to the July 18 Issue of Panorama, the K L Newsletter. We are happy to secure the best position among private engineering institutes in Andhra Pradesh as per the surveys conducted by premier agencies. K L Faculty frequently receives national and international recognition. We celebrate the awards that the University has earned through its faculty and Students. The Students on the campus had bought name and fame to the university with their performance in national level technical events. I appreciate the efforts of academic staff college and the departments in organizing various events.

This issue of newsletter recorded our faculty and student accomplishments, academic staff college activities, guest lectures by eminent faculty, department level events and many more. The Graphics Design team made efforts to present this issue in aesthetic and appealing way.

We look forward to your comments and suggestions.



Dr.A. Rama Kumar
Pro-Vice Chancellor- KLEF

REGISTRAR'S MESSAGE

Welcome to the July 18 Issue of the Panorama, the KL Newsletter. We are happy to secure a good ranking among private engineering institutes in Andhra Pradesh as per the surveys conducted by various premier agencies. The Green Campus is also awarded First place under Universities (Private) Category at AP GREEN AWARDS sponsored by Government of Andhra Pradesh. We celebrate the awards that the University has earned through its faculty and Students. The Students on the campus had bought name and fame to the university with their performance in national level technical events. The students on the campus have maintained their winning spree not only in academics but also co-curricular activities.



Dr. T Uma Maheswarar Rao
Registrar -KLEF

EDITOR'S MESSAGE

Dear Reader,

The Green campus had won the First Place under Universities (Private) Category at AP GREEN AWARDS announced by the Government of Andhra Pradesh. Once again, we have proven our mettle; we have been ranked the best private engineering Institute in the state, by OUTLOOK & Drshiti Engineering College Survey 2018, Higher Education Review Survey 2018, India Today Magazine Survey and Times Engineering Institute Ranking 2018. Being ranked the best university has only been possible thanks to the massive research effort that is undertaken in the University along with Learning environment and placements. It is a matter of great pride that our students have once again achieved a perfect placement record, setting the University apart from its competition.

This issue of newsletter recorded university major events, our faculty and student accomplishments, events organized by the department and Extension activities. I appreciate the efforts of our publishing team. The Editorial Team hopes that the issue will meet the expectations of the readers



Dr.K.Sarat Kumar

Dean (P&D), Editor-K L Panorama

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KL

(DEEMED TO BE UNIVERSITY)

#



RANKS ★★★★★

RATINGS & AWARDS

- INDIAN EDUCATION NETWORK HAS AWARDED K L AS "BEST HIGHER EDUCATION INSTITUTE FOR SKILL DEVELOPMENT" AT 6TH SKILL DEVELOPMENT SUMMIT 2018.
- OUTLOOK & DRSHTI ENGINEERING COLLEGE SURVEY 2018 HAS AWARDED K L COLLEGE OF ENGINEERING AS NO.1 PRIVATE ENGINEERING COLLEGE IN ANDHRA PRADESH STATE
- HIGHER EDUCATION REVIEW SURVEY 2018 HAS AWARDED K L AS NO.1 DEEMED UNIVERSITY IN ANDHRA PRADESH STATE
- K L CAMPUS GOT 1ST RANK UNDER UNIVERSITIES (PRIVATE) CATEGORY AT AP GREEN AWARDS ANNOUNCED BY GOVT. OF ANDHRA PRADESH.
- INDIA TODAY MAGAZINE SURVEY 2018 HAS RANKED K L AS 9TH BEST PRIVATE UNIVERSITY IN INDIA.
- TIMES ENGINEERING INSTITUTE RANKING 2018 HAS AWARDED K L COLLEGE OF ENGINEERING AS NO.1 ENGINEERING INSTITUTE IN ANDHRA PRADESH STATE & TELANGANA.
- CARRERS 360 HAD ENDORSED K L WITH AAAA+ RATING FOR THE YEAR 2018.

FACULTY ACHIEVEMENTS

• **Dr A .Srinath**, Professor & Head ,Department of Mechanical Engineering has received the Research Excellence Award 2018 for his paper titled: **“Haptics based Robotics Prosthetic Leg”**. This award is given by Professional Society “Institute for Exploring Advances in Engineering”. Dr. A. Srinath has also been given Honorary Life membership in this society and also been given the recognition as a reviewer for the journal of this society Institute for Exploring Advances in Engineering International.

Dr. B. Pradeep Kumar, Assistant Professor in Department of Chemistry, got *“Official Spotlight Certificate”* from EET-CRS, India’s largest Research & Branding Company, Bangalore at 7th Science & Technology Awards – 2018 for his outstanding research at National level.

• **Dr. K. Rajasekhar, Professor, Dept of CSE** received Entrepreneurship Award from StartAp Foundation on 25 th May 2018,

• **Muppidi Rambabu**, Assistant Professor of Department of Fine Arts along with Students K.Saikalyan, P.Jashwanth, K Venkata Teja & K Pawan Kumar won **“International Art Award”** at International Dhauli Art Festival .

• **Muppidi Rambabu**, Assistant Professor of Department of Fine Arts got Second Prize at world water day drawing competition.

• **Prof. Vijayan Gurumurthy Iyer**, PROFESSOR, Dept of Civil Engineering is Nominated as Member - INTERNATIONAL SCIENTIFIC COMMITTEES for INTERNATIONAL CONFERENCE ON COMPUTER, COMMUNICATIONS AND NETWORK ENGINEERING (CCNE2018) and 2nd International Conference on Applied Mathematics, Modeling and Simulation (AMMS2018).

• **Prof. Vijayan Gurumurthy Iyer**, PROFESSOR, Dept of Civil Engineering is Nominated as General Chair of 2018- 3 rd International Conference on Electrical, Automation and Mechanical Engineering (EAME2018)

• **N VAISHNAVI**, Registered Number 13324003, Research Scholar, Department of ENGLISH was conferred with Ph.D. by KLEF for the PhD Thesis entitled **“UNIVERSALITY, SYMBOLISM AND IDENTITY IN THE SELECT NOVELS OF GLORIA NAYLOR”** on 3rd April 2018

• **Ms. P. BINDU**, Registered Number 14321008, Research Scholar, Department of Mathematics was conferred with

Ph.D. by KLEF for the Ph.D. thesis entitled **“IDEALS AND THEIR STRUCTURES IN TERNARY SEMIGROUPS”** on 3rd MAY 2018

• **Mr. M. GANGU NAIDU**, Registered Number 12351009, Research Scholar, Department of Management was conferred with Ph.D. by KLEF for the Ph.D. thesis entitled **“A STUDY ON IMPACT OF INVESTORS’ DEMOGRAPHICS TOWARDS PREFERENCES OF MUTUAL FUNDS IN NORTH COASTAL ANDHRA PRADESH”** on 9th May 2018

• **Mr. MALLELA TRIVEDI**, Registered Number 13324005, Research Scholar, Department of ENGLISH was conferred with Ph.D. by KLEF for the PhD Thesis entitled **“HISTORY - FICTION:INTERFACE IN THE SELECT NOVELS OF AMITAV GHOSH”** on 10th MAY 2018

• **Mr. A. RAVI VARMA**, Registered Number 11323001, Research Scholar, Department of CHEMISTRY was conferred with Ph.D. by KLEF for the PhD Thesis entitled **“STUDIES ON DEVELOPMENT AND VALIDATION OF RP-HPLC METHOD WITH PHOTO DIODE ARRAY DETECTION FOR THE QUANTIFICATION OF DRUG COMBINATIONS IN BULK AND PHARMACEUTICAL DOSAGE FORM”** on 21st June 2018 .

• **Mr. M. Srikanth**, Associate Professor of EEE Department got Dr. APJ Abdul Kalam Life Time Achievement National Award from IRDP Awards – 2018 in the field of Teaching, Research and Publications, Chennai

• **Mrs. B. Jyothi**, Assistant Professor of EEE Department got Dr. APJ Abdul Kalam Life Time Achievement National Award from IRDP Awards – 2018 in the field of Teaching, Research and Publications, Chennai

• **Dr. P. Srinivasa Varma**, Associate Professor of EEE Department got Best Scientist Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai

• **Mr. RBR. Prakash**, Associate Professor of EEE Department got Best Young Researcher Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai

• **Dr. B. Pakkiraiah**, Associate Professor of EEE Department got Best Young Scientist National Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai .

• **Mr. K P Prasad Rao**, Assistant Professor of EEE Department got Bright Researcher Award from I2OR Awards – 2018 in the field of Research and Publications, Chandigarh

• **Arun kumar M P** ,Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from NIT,Karnataka.

- **D Kirankumar** , Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from NIT, Warangal.
- **M.Nageswarao**, Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from JNTU Kakinada.
- **Y Kalyan Chakravathi** , Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from K L E F.

STUDENT ACHIEVEMENTS

- **Ms. Vennam Jyothi Surekha** (MBA) secured world's 10th Rank in archery compound women category.
- **Ms. V Jyothi Surekha** won Silver and Bronze Medals in Compound Event in the "WORLD CUP Archery Stage-2" held at Turkey on 24th and 25th May 2018.

Mr. A. Gopi Raja got best student Entrepreneur Award from Start AP Awards, Visakhapatnam, for "Campus Leadership Award" (A.Y.:2017-2018)

• **Keyur Bavanji Bhai Mori** has been selected for International inline hockey championship held at Asiago, Italy during 14th to 28th July 2018

• **Mr Sai ManiKanta** (ECE) and **Lokesh Chavan** (Mechanical Engineering) stood as winners for India Skills South 2018(competition conducted for all south states) on Robot Design, jointly organized by Govt of India, National Skill Development Corporation and Skill India.

• **K. Naveenkumar** Student of BSC. VC got consolation prize at world water day drawing competition.

CERTIFICATE OF ORGANIZING EXCELLENCE

• **Koneru Lakshmaiah Education Foundation** (Deemed to be University) has achieved Certificate of Organizing excellence for the years 2015, 2016, 2017 & 2018 from Deputy Transport Commissioner, R.T.A., Guntur, in recognition of exceptional commitment and support for conduction of following Road safety programmes in association with Transport Department, Government of Andhra Pradesh.





14th FACULTY SKILL ENHANCEMENT PROGRAM – OBE

A 14th Faculty Skill Enhancement Program – OBE was organized by Academic staff College from 04.04.2018 to 07.04.2018 by Ms.M.Usha Rani, ASC for the faculty members of FED in Sunflower hall from 2.00 to 5.00 pm on all 4 days of the program.

The objectives of the program: The members will be able to

1. Comprehend the theory of Multiple Intelligence
2. Understanding content types , learning styles and active learning methods
3. Understand the importance of aligning PEOs with SOs and Cos

She explained predominantly about Multiple Intelligence, Blooms Taxonomy, Learning Styles and OBE.

The first and second day the participants were explained about the dynamics of the class room and how to respond to the different issues that are encountered in the classroom. She also outlined the importance of understanding of Multiple Intelligence and how complex information can be simplified in the classroom with the help of using of analogy.

The third and fourth day she explained the importance of realization of learning styles of the individual students. And then she discussed the Blooms Taxonomy Levels, the lower order thinking skills and as well the higher order thinking skills.

She highlighted the various thinking processes that are involved and as well the need for Out Come based Education. She also delineated the PEO (Program Education Objectives) and SOs (Student Objectives) and as well the importance of COs in the preparation of course handout

The last day program has come to an end with oral and written feedback and with the distribution of the certificates to the participants.



REPORT ON TRAINING ON ERP

Training on ERP by Dr.K.Arulraj, ERP Project Manager was organised by academic staff college in Jasmine Hall for all faculty of KLEF from 12.04.2018 & 25.04.2018 to 26.04.2018.

The resource person has explained that ERP is process management software that allows an organization to use a system of integrated applications to manage the business and automate many back office functions related to technology, services and human resources.

ERP software typically integrates all facets of an operation – including product planning, development, manufacturing, sales and marketing – in a single database, application and user interface.

ERP software is considered to be a type of enterprise application, that is software designed to be used by larger businesses and

often requires dedicated teams to customize and analyze the data and to handle upgrades and deployment.

ERP software typically consists of multiple enterprise software modules that are individually purchased, based on what best meets the specific needs and technical capabilities of the organization. Each ERP module is focused on one area of business processes, such as product development or marketing.

He also explained the usage of some of the most common ERP modules included for the KLEF those for product planning, material purchasing, inventory control, distribution, accounting, marketing, finance and HR. A business will typically use a combination of different modules to manage back-office activities and tasks including the following:

- Distribution process management
- Supply chain management
- Services knowledge base
- Configure prices
- Improve accuracy of financial data
- Facilitate better project planning
- Automate the employee life-cycle
- Standardize critical business procedures
- Reduce redundant tasks
- Assess business needs
- Accounting and financial applications
- Lower purchasing costs
- Manage human resources and payroll

ONE DAY WORKSHOP ON “POSITIVE ATTITUDE AT WORK”



Dr. K. V. S. G. Murali Krishna as Resource Person in FDP on “Positive Attitude At Work”



Felicitation to Resource Person Dr. K. V. S. G. Murali Krishna

A one day Workshop on “Positive Attitude at Work” was organised by Academic Staff College by Prof. KVSG Murali Krishna, Professor of Civil Engineering & Principal JNTUK Narasaraopet, AP on 20.04.2018 in Jasmine Hall for the 150 faculty members of all departments, KLEF.

Prof. KVSG Murali Krishna, Professor of Civil Engineering & Principal JNTUK Narasaraopet, AP the resource person spoke about being positive at the work place and how to be optimistic in dealing with various issues of life.

He mesmerised and motivated the participants with his knowledge on the work place dynamics and quoted from scriptures and holy books with lot of examples. He enthralled audience with his live examples and illustrations.

Attitude at the workplace is the kind of behavior one need to have at the place where one is working. In the words of Winston Churchill, “Attitude is a little thing that makes a big difference.”

Developing a positive attitude

1. Overcome your fears
2. Create your career backup plan
3. Energise your co-workers
4. Be Appreciative
5. Re-charge yourself
6. Volunteer your time
7. Practice random acts of kindness
8. Look for Opportunities to have fun
9. Get a grip on yourself

The session came to an end with feedback from the participants and facilitation to the resource person.

Later Mr. Shyam Prasad, Associate Dean, Centre for excellence, had helped the members to chalk out the action plan for the visit of the villages. He divided the members into branch team and asked to propose projects that can be utilised for the benefit of the villages

The program came to an end with the distribution of the certificates to participants.



Ms. M. Usha Rani, Asst.Professor, ASC Mr. K. Syam Prasad, Assoc.Professor, ME

TWO DAY FDP ON "RURAL DEVELOPMENT AND ITS SUSTAINABILITY"



Resource Person P.Sai Vijay, Smart Village Project Coordinator



Group Photo of the Participants

A Two Day FDP on "Rural Development and its Sustainability" was organised by Academic Staff College on 23.04.2018 to 24.04.2018 by Mr.P.Sai Vijay, Smart Village Project Coordinator, M.Usha Rani, ASC and Mr. Shyam Prasad, Associate Dean, Centre for excellence in Sunflower Hall for all volunteered faculty members for Smart village project.

The two FDP began with Mr.P. Sai Vijay, Smart Village Project Coordinator introducing and briefing the 5 selected villages through videos. The team members had been to the villages and collected the required basic information to orient the faculty members about each village.

Each village was selected based on the various requirements, needs and viability of the organisation in the first phase of smart village project. He later explained the necessity of the project and as well the responsibility of the each faculty member in moulding students towards smart village and as well transforming the classroom learning into reality to meet the real problems of the villages.

On the second day Ms.M.Usha Rani, ASC explained the importance of knowing and becoming aware of the state government and central government policies so that the planned development in four major areas can be achieved. The major areas are 1.education 2.infrastructure, 3.Health and 4.employment later the members were asked to suggest the roles and responsibilities of the volunteered faculty members and as well the students for the effective implementation of the smart village program.



TWO DAY FDP ON “RURAL DEVELOPMENT AND ITS SUSTAINABILITY”

One-week workshop on “Research Methodology” by Dr.D.N.Sansanval, Professor, Devi Ahilya Vishwavidyalaya, Indore, Madhya Pradesh from 30.04.2018 to 05.05.2018 organised by Academic Staff College in Sunflower Hall for 44 pre-registered faculty members and research scholars of KLEF and other faculty members of various engineering and degree colleges.

Objectives of the workshop

This research programme provides the advanced theoretical and practical knowledge by field visit exposure and use of different statistical package to all three stage of research students such as planned to pursue the doctoral research programme, those who are at the stage of their data analysis and field work; and final stage of their thesis writing. Specifically, the objectives of this workshop are:

- To provide input to students who are in the planning stage of their doctoral research. The inputs would be about developing a theoretical and methodological framework of their research, conceptualization and framing research questions, etc.
- To provide input to students who are currently in the middle of fieldwork/data collection. The inputs would be in terms of suggesting ways out of methodological or analytical bottlenecks.
- To provide input to students who have finished field

work and are in the process of writing. The inputs would be in relation to the analysis, writing and organization of chapters.

THEMATIC AREAS

1. Research: Conceptual Framework
2. Research Process and Sampling
3. Hypotheses, Methods and Tools of Data Collection
4. Research Designs
5. Statistical Analysis through SPSS and AMOS (Descriptive statistics, Reliability & Validity, Correlation, Exploratory Factor Analysis, Regression Analysis, Analysis of variance, Structural Equation Modelling, etc.)
6. Data Envelopment Analysis
7. Fuzzi Decision Making
8. Prioritization Technique for Multicriteria Decision Making
9. Data Mining Techniques

PEDAGOGY

Combination of expert lecture, laboratory and hands on training sessions of qualitative methods of research as well as quantitative techniques through software’s like SPSS, E-Views, and STATA, etc.



3 DAY WORKSHOP ON "HUMAN VALUES"

A three-day Workshop on 'Human Values' is organized by Academic staff College from 23-05-2018 to 25-05-2018 whereas Dr. G. Sumathi as the resource person has facilitated the programme for the vigilance officers, KLEF in Sunflower hall. The programme has taken place from 10.00 A.M. to 1.00 P.M on all 4 days of the program.

The objectives of the program:

The participants will be able to

1. Comprehend the role of Human Values in one's personal and professional life.
2. Understanding the significance of 'being good so as to make others happy and comfortable.
3. How to maintain a fine balance between family and professional responsibilities so as to meet and fulfil the expectations of the management.

DAY-1

HUMAN VALUES – Their Significance for the perfection of an individual.

While introducing the long history of mankind, the resource person Dr. G Sumathi pointed out how science has enabled us to improve our understanding of the physical reality around us, while technology continues to offer conveniences in increasingly newer ways. Further, she stressed how the human beings are able to see the need for peaceful co-existence at the level of human society and recognize the need for education as a "fundamental need." While we have made tremendous advancements and innovations, the question still remains – Are we satisfied with the state of affairs today? We are still faced with serious problems at various levels, a philosophical question she mediated through so as to involve the participants into a fruitful discussion. Dr.Habibullah Khan, Dean Student Affairs and Dr.K.R.S.Prasad, Associate Dean of Student Affairs have greeted the participants.

DAY-2:

HUMAN RELATIONSHIPS IN THE FAMILY

On second day of the programme, the resource person touched upon certain issues like how individuals at certain times do act lack of clarity on life goals, and how it leads to contradictions and stress. She further added that the problems do occur due to lack of mutual understanding.



As there is no mutual understanding, it increases mistrust, insecurity, generation gap. Further she suggested a solution stating that our main stream education system has to be continued which will enable us to lead a happy life with family, society and nature.

DAY -3:

HUMAN VALUES AND PROFESSIONAL ETIQUETTE

An exclusive discussion on the key terms of human values: self-exploration, self-confidence, commitment to learning, improvement in human relationships, imbibing universal human values and ethical human conduct has taken place on day three of the programme. The resource person further highlighted how the participants yet to apply their knowledge to lead a happy and prosperous life and also to include an ethical conduct to their profession.

On successful completion of the programme, the resource person is honoured with a memento and certificate. The certificates are distributed to the participants by Dr. V. Rajesh, the Principal and Dr. B. Siva Nagaiah, the Vice-Principal of Academic Staff College. The programme is convened by Ms.M.Usha and Mr.V.Venkata Narayana, staff members of ASC.

The feedback of the participants is satisfactory and the regular programmes of such are expected by the participants.

4th INTERNATIONAL DAY OF YOGA



Shri K. Raja Harin
Hon'ble Vice President

Smt.Koneru Kanchana Latha,
Secretary, KLEF

Dr.L.S.S.Reddy,
Vice Chancellor, KLEF

Shri Tirupathi Raju, Asst. Coordinator,
Datta Kriya Yoga Centre, Vijayawada.

Dr. M. Shiva Prakash, Special Teacher,
Datta Kriya Yoga Centre, Mysore.

A three-day Workshop on 'Human Values' is organized by Academic staff College from 23-05-2018 to 25-05-2018 whereas Dr. G. Sumathi as the resource person has facilitated the programme for the vigilance officers, KLEF in Sunflower hall. The programme has taken place from 10.00 A.M. to 1.00 P.M on all 4 days of the program.

The objectives of the program:

The participants will be able to

1. Comprehend the role of Human Values in one's personal and professional life.
2. Understanding the significance of 'being good so as to make others happy and comfortable.
3. How to maintain a fine balance between family and professional responsibilities so as to meet and fulfil the expectations of the management.

On 21st June 2018, the International Yoga Day was celebrated at the KLEF. The programme was jointly organized by the Academic Staff College and the Department of Physical Education in association with the International DattaKriya Yoga centre of SGS trust. The International DattaKriya Yoga Center of Sri AvadhootaDattaPeetham, Mysore had visited the KLEF, Vaddeswaram and conducted the practice sessions on DattaKriya Yoga to the greatest appreciation of all the participants. About 150 staff members, scholars and students participated and experienced the benefits of DattaKriya Yoga.

The program started with a lamp lighting ceremony by the distinguished guest and Dr.Kolli Krishna Kumari, the co-ordinator of International DattaKriya Yoga centre, Vijayawada. Later an introduction to Pujya Sri GanapathySachchidanandaSwamiji's mission for a healthier world and the impact of DattaKriya Yoga is given by VenkatPydimarri, an alumnus of KLEF, and a Kriya Yoga Sevak of Pujya Sri Swamiji's Kriya Yoga Centre.

Speaking on the occasion, Smt. Koneru Siva KanchanaLatha, the Secretary of KLEF and the Chief Guest of the programme, added that the practice of Yoga is essential for good health and peace of mind. Sri.Koneru Raja Hareen, Vice-President of KLEF pointed that the practice of Yoga is central to maintain a proper balance in health as it helps to maintain proper coordination among the trio – Mind, Body and Soul. Dr. L S S Reddy, the Vice-Chancellor of KLEF while addressing the gathering stated that a centre for an effective practice of Yoga is established at KLEF and advised the faculty and students for an effective use its services.

The simple daily exercises as envisioned and taught by ParamaPujya Sri SriSriGanapathySachchidanandaSwamiji, founder pontiff of SGS AvadhootaDattaPeetham, were practiced by all the participants. The Yoga instructors from the International Kriya Yoga Centre of Sri GanapathySachchidanandaSwamiji's Ashrama in Vijayawada explained the significance of each of the aasanas, mudras, and pranayamasto the participants which are essential under NadiShuddhi exercises.

A practical session was conducted by the instructors Dr.Shiva from Sri SrinivasaRaju of DattaKriya Yoga centre, Mysore and Sri.TirupathiRaju of DattaKriya Yoga.Dr. V. Rajesh, Principal of Academic Staff College, Dr.Habibulla Khan, Dean of Students Affairs, Dr. B. Siva Nagaiah Vice-Principal of ASC and Dr. K. Hari Krishna Associate Dean of Sports have witnessed the programme. The certificates of participation were issued to all the participants at the end of the programme.



SELF-AWARENESS FOR ACADEMIC INTEGRITY

A One-day workshop on "Self-Awareness for Academic Integrity" was organised by Academic Staff College (ASC), KLEF, Vaddeswaram on 28.06.2018. The programme was intended for the non-engineering faculty members. The faculty belonging to the Department of MBA, BA, BCA, LAW, B.COM, Pharmacy, Architecture and the registered members of other departments had participated. Ms. Usha Rani, Asst. Professor, ASC was the resource person who started the session with a quote:

"When there is no enemy within, the enemies outside can do you no harm."

Further she delivered the introductory content on the concept of Self-awareness stating that Self-awareness is the ability which lies inherently in us which helps us to know what we are doing and why we are doing certain things.

She intended that self-awareness as a concept is the ability to monitor our inner world, our thoughts and emotions as they arise. Furthermore, Self-awareness goes beyond merely accumulating knowledge about ourselves. It is also about paying attention to our inner state with a beginner's mind and an open heart. Our mind is extremely skilful at storing information about how we react to a certain event to form a blueprint of our emotional life.

She further added that proposition of the workshop is to make the participant know:

- Understand what is the self
- Comprehend the importance of self-awareness
- Know the type of the person who I am
- Work out measures to understand oneself

Many of us spend our lives at the mercy of the circumstances by living at the mercy of what happens to us, at the mercy of others, not living in the present, because we are stuck in the prison of the past.

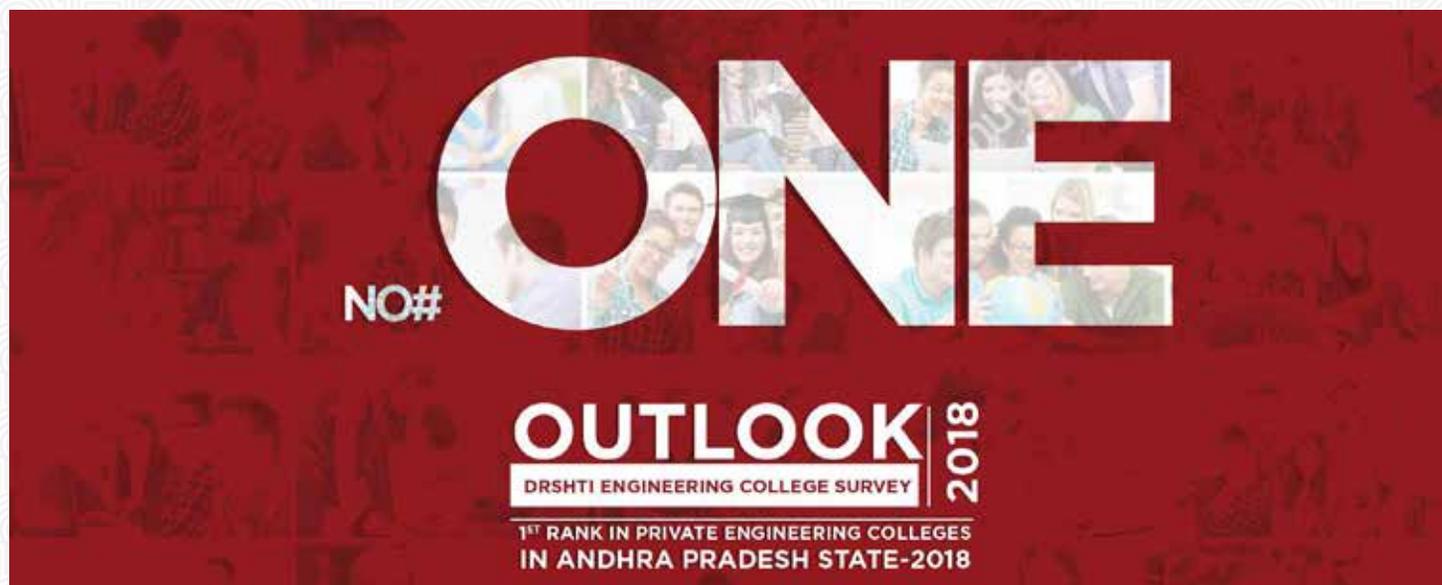


Resource Person :Ms. M. Usha Rani, Asst. Prof, ASC

In the forenoon session the participants were introduced the concept of self-awareness, self-concept, self-image and self-schemas. The participants were also led through the concepts of 'Johari window' and 'Abraham Maslow's hierarchical needs' and their essentialities in understanding the self and society in a better way.

In the afternoon session the 'Meyer Briggs Type Indicator Test' was conducted followed by the 'SWOT' analyses. The programme was stapled with how the relevance of the 'self-awareness with academic integrity' and further the integrity among the teaching fraternity with that of student communities are essential so as to understand the psyche of the students in a better way and deliver the content effectively.

The programme was beheld by Dr. V. Rajesh, Principal and Dr. B. Siva Nagaiah, Vice-Principal of Academic Staff College. The certificates of participation were issued at the end of the programme.



NRITYA PRIYA AWARD



On 3rd to 5th April 2018 Sri Vagdevi Kuchipudi Nriyalaya Vijayawada, conducted Nriyanjaly dance programmes in Sri Gantasala Sangeetha Kalasala Vijayawada. In this programme K L Deemed to be University student Ms.K.Sudheera recived nriya priya award. Dean Student affairs Dr. Habibulla Khan, Associate Dean Dr. K.Ravindranath, Hobby Clubs Prof.Incharge Dr.R.Subhakar Raju appreciated Ms.Sudheera.

NATIONAL HERITAGE DAY



National Heritage day observed in KL Deemed University on 12-04-2018.Eminent Archeologist, chief executive officer cultural centre Vijayawada Dr. E.Siva Nagi Reddy attended as resource person and delivered speech related Indian heritage & tourism Amaravathi, why selected as heritage capital with its ancient history He advised the students to go various places related to our culture and heritage to observe the sculpture and caves. He also noted our Amaravathi, dhanya kataka as a great historical monument. Hon'ble Vice

President Er Koneru Raja Hareen presiding over the meeting. This programme organized by KL Hobby Clubs(Samskruthi club) Dean student Affairs Dr.Habibullah Khan, Associate Dean Dr.K.Ravindranath, K L U business school Principal Dr.Kishore Babu Hobby Clubs Professor Incharge Dr.R.Subhakar Raju, took part in the event. Dramatics Trainer Mr.V.G.Krishna Murthy, management BBA-MBA students attended the programme.

AMBEDKAR JAYANTHI CELEBRATIONS

On 14th April 2018 Chairman of the Indian constitution drafting committee Dr.Baba saheb Ambedkar 127th Birth Anniversary was observed. Dean Student Affairs Dr. Habibullah Khan floral tribute to the Dr.Ambedkar Portrait. Hobby Clubs Professor Incharge Dr.R.Subhakar Raju other faculty members, students also floral tributed to Dr. Ambedkar.



MESSAGE ORIENTED SHORT FILM

Chalana Chitra club students have produced and displayed a message oriented short film creating awareness in the youth not to fall in drug Abuse and bad vices the fifteen minutes duration short film his screened in Jasmine Hall has preview show to all staff and students of KLEF. The short film was well directed by the club students as well as the script and screen play along with back ground music which is also contributed by Hobby Clubs Students to their credit.

ANTI TERRORISM DAY

On the occasion of Anti terrorism day we have taken up a pledge to eradicate terrorism from our country. All the faculty along with Dean Student Affairs Dr.Habibullah Khan, Dr. K.R.S.Prasad Associate Dean Student Affairs the pledge is taken up. The proof of photos for sent to Registrar office for onward information to U.G.C.



CAREERS 360 HAS ENDORSED
KL WITH AAAA+
RATING FOR THE YEAR

2018

NSS PROGRAMME OFFICERS TRAINING

NSS training for 3 program officers from KL Deemed to be university is conducted at Acharya Nagarjuna University from 26-03-2018 to 01-04-2018 which was 208 the orientation program organized by Ministry of youth affairs Government of India.

BLOOD DONATION CAMP



Koneru Lakshmaiah Education Foundation National Service Scheme and Youth Red Cross Unit in Association with Lions Club of Vijayawada was conducting a Blood Donation Camp in the University campus on 05th April 2018. Dean Student Affairs Dr. Habibulla Khan has inaugurated the Blood Donation Camp and he explained the importance of Blood Donation. KLU Faculty and Non Teaching Staff and Students NSS & YRC Volunteers have been contributed. In this event Associate Dean Dr.K.Ravindranath, Hobby Clubs Prof. Incharge Dr.R.Subhakar Raju, NSS Programme Co ordinator Mr.K.Sripath Roy, NSS Unit-3 officer Mr.P.Srikanth Reddy, CEA co-coordinators Dr.S.Venkateswarlu, Mr. P.Suresh, Lions Club officials, Doctors participated.

ADVISORY COMMITTEE MEETING



KL University National Service Scheme Advisory Committee meeting held on 17-04-2018 in KLU Campus. KLU vice Chancellor Dr.L.S.S.Reddy, Pro Vice-Chancellor Dr.K. Satya Prasad, Registrar Dr.T.Umamaheswara Rao, Regional Director Sri R. Gokula Krishnan, State NSS Officer, Govt. of A.P Dr.P.Ramachandra Rao, ETI Training Coordinator, NSS Prof. P.P.S. Paul Kumar, Principal-College of Engg. Dr.K.Subba Rao, Principal - College of Mgt. Dr.M.Kishore Babu, Dean-Student Affairs Dr.Habibulla Khan, Assoc. Dean-Extn. Activities Dr.K.Ravindranath, Prof. I/c Hobby Clubs Dr.R.Subhakara Raju, NSS Program Officer-Unit 1 Mr.Ch. Ramaiah, NSS Program Officer-Unit 2 Mr.P.Srikanth Reddy, NSS Program Officer-Unit 3 Mr.N.Nagaraju, NSS Program Officer-Unit 4 Mr.P Gopi Krishna, NSS Programme Coordinator Mr.K. Sripath Roy



KL University National Service Scheme Cell organized Annual Success meet of NSS on 17-04-2018 in KLU Campus. KLU Dean Student Affairs Dr.Habibulla Khan, Extension Activities Associate Dean Dr.K.Ravindranath, Hobby Clubs Prof. Incharge Dr.R.Subhakar Raju, NSS Unit Officers Mr.P.Srikanth Reddy, Mr.Ch.Ramaiah, Mr.N.Naga Raju, Mr.P.Gopi Krishna participated in this success meet. NSS Programme Co-ordinator Mr.K.Sripath Roy presented a Power Point Presentation on NSS Activities of KL University. The Dignitaries appreciated the students who worked in NSS Activities. Dr.Departments of NSS Incharges Mr.S.Rama Subbanna, Mr. K. Rajesh Kumar, Mr.G.Siva Reddy, Mr.M.Rambabu, Mr. Sk. Kalishavali, Mr. T. Jagadish Kumar, CEA Co-coordinators Dr.S.Venkateswarlu, Mr.P.Suresh, and Dramatics Trainer Mr.V.G.Krsihna Murthy also participated in success meet.

WORLD EARTH DAY CELEBRATIONS



On behalf of K L University Mechanical Engineering NSS CELL celebrated world earth day on 22-04-2018 on this auspicious occasion we mechanical department faculty and students were participated in the programme principal, College of Engineering Dr. K. Subbarao also participated in the programme .and the event pics are shown below.



NCC ANNUAL TRAINING PROGRAMME



Boys and girls of colleges & High School students have participated in the camp which is conducted in 19th to 28th May 2018 in K L University Vaddeswaram (ATC-4 Annual Training camp) participants 603 22 'A' Bn N.C.C Tenali commanding officer Lieutenant Colonel JA Mir (S.M. Medal) has inaugurated and gave training Physical fitness, Drill, Weapon Training, Social Service. From them merit students are selected for B.L.C & R.D.C with special training fire officer Krishna Reddy for Mangala Giri attended to give training this camp. Went off successfully for ten days.



SWACHH BHARAT

NCC Cadets service for Swachh Bharat on May 25th 2018. The Battalion ACT IV participated in the camp (NCC) in K L University in number 300 early morning by 7.00 AM went to Gundimeda village to take up Swachh Bharat event. They cleaned roads, removed plastic waste & waste papers. At the same time they washed and cleaned the statues of the great leaders in that village. In this programme 22nd Andhra Battalion subadar Kisonlal and his staff of N.C.C, Officers by name Kathi Srinivasa Rao, K. Kutumba Rao have participated in this programme.

DENTAL CAMP BY N.C.C CADITS



NCC Cadites service for swachh bharaat on may 25th 2018. The battalion ACT IV Participated in the camp (NCC) in K L University in number 300 early morning by 7.00Am went to gundimeda village to take up swachh bharaat event the cleaned roads removed the plastic waste & waste papers at the same time they washed and cleaned the statues of the great leaders in that village in this programme 22nd Andhra Battalion subadar kisonlal and his staff of N.C.C,Officers by name kathi srinivasa rao,K.Kutumba Rao have participated in this programme.

N.C.C CAMP VISIT BY GROUP COMMANDER



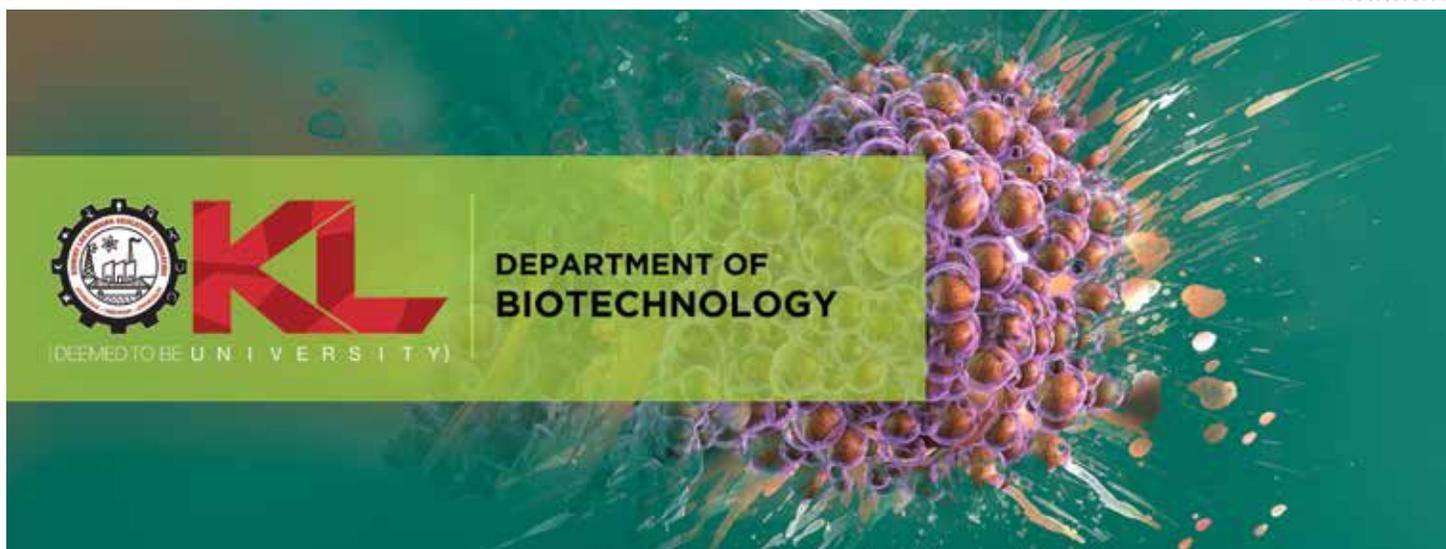
In K L University during the camp period the commander Colonel Saji John has visited the training camp along with 22(A)Bn commander officer Colonel J A Mir(S.M.Medal) have received salute from the cadits as a mark of respect in this camp NDRF staff created awareness in case of natural calamity with demonstration. In this programme 300 cadits both boys & girls for NCO,JCO, N.C.C officers and staff has participated.

INTERNATIONAL YOGA DAY

In the month of June, 2018 NCC Unit 22 (A) Battalion Tenali on the event day of international yoga day. NCC Unit conducted yoga classes on 21st June 2018 at VSR & NVR College in Tenali. From our university total of 13 students are participated.

And three of our students are participated firing practice for three days from 22nd to 24th in June month venue at Ambedkar College Tenali and the students are





“EMERGING ROLE OF PROBIOTICS IN COGNITION, AUTOIMMUNITY AND METABOLIC DISORDERS”



A one day national seminar on “Emerging Role of Probiotics in Cognition, Autoimmunity and Metabolic Disorders” was organized at the Peacock hall on Friday, 13th April 2018 at Konneru Lakshmaiah Educational Foundation (Deemed to be University), Guntur with financial support from Science and Engineering Research Board. Dr. M. Sudhamani, convener of the seminar, welcomes the participants and introduced the agenda of the seminar to all the delegates.

The purpose of the seminar was to bring together scholars, students and scientists from a variety of places across India to promote discussion and sharing of knowledge on cross cutting issues on emerging role of probiotics in a variety of problems specially cognition, autoimmunity and metabolic disorders. A total of 14 abstracts were submitted by different students, scholars and scientists. The seminar met their objectives in promoting awareness of and demand for the probiotics in future for the healthy maintenance of the individuals. The seminar was well attended by university professors, research scholars, and university students in the masters and doctoral programs. The seminar was started

by lighting the lamp by the convener and the invited scientists. The primary sessions was held by the presentations given by the invited speakers. The secondary sessions was held by conducting oral and presentations simultaneously. In light of these peculiarities, advantages and disadvantages the department was looking forward to organize future seminars on probiotics in order to create more awareness. Participants agreed that much of research was clearly needed to develop more products with probiotics which will be helpful for the people for the development of better health.

5.Event Highlights (Technical writing):

The seminar was chaired by three eminent speakers from different places to address the current topic on probiotics. Dr. M. Shiva Prakash, Scientist E & Deputy Director, Department of Microbiology and immunology, ICMR- National Institute of Nutrition addressed the gathering on role of probiotics in health and disease and suggested that the identification of indigenous probiotics of human origin will be a great benefit in the concept of probiotherapy against many diseases. Dr. Devaraj Parasannanavar, Scientist C, Department of Microbiology and Clinical Immunology, ICMR-National institute of Nutrition addressed the gathering with the role of probiotics on mental health. He emphasized the application of probiotics in reducing the psychological stress and anxiety like behavior and left with the note that “probiotics could provide benefit in relation to memory and behavioral abnormalities in infection induced stress”. Dr. N. Jayanthi, Manager-Scientific affairs, Unique Biotech Limited which is a leading manufacturer of probiotics advertised about the manufacturing of different varieties of both bulk and finished formulations of probiotics. She also discussed about the formulation development, safety and stability studies and clinical trials that can be conducted in probiotics. Dr. M. Sudhamani, convenor of the seminar presented one of his domains on the emerging role of food grade microorganisms to address trace element malnutrition (Hidden Hunger) by fortification of food with trace elements by



using probiotic microorganisms to minimize the deficiencies caused by trace elements. The proposed technology for fortification was patented and enlighten the delegates to products more fortified products in order to eliminate trace element malnutrition.

Afternoon session was started with the oral and poster presentations by the delegates attended from different places on the current agenda. The first presentation was given by Sangita Ganguly, Dairy technology division, ICAR-NDRI, Karnal, Haryana on the topic "Efficacy of probiotic whey cereal based beverage in Shigella induced pathogenicity". The study involves the development of a probiotic beverage by using a probiotic strain *Lactobacillus acidophilus*. The final product under optimized fermentation conditions resulted in reduction in phytic acid and polyphenols with simultaneous increase in protein and starch digestibility and the bioavailability of minerals. Long term feeding of probiotic beverage stimulated the immune system by enhanced secretion of IgA was observed in shigella induced

pathogenicity of murine. Second presenter Haseena Shaik from Department of Biotechnology, Acharya Nagarajuna University presented on the topic "Development of poultry feed supplements for enhancing productivity and performance". She stated that since the demand for protein in the form of poultry food has been increasing. So poultry diets has to be formulated with the feed supplements which constantly provide energy, essential amino acids, proteins, vitamins, and minerals. Final participant Mallikarjuna Nimgampalle from Sri Venkateswara University, Tirupati presented on the topic "Protective influence of *Lactobacillus plantarum* on oxidative stress in alzheimer's disease. His findings highlight the protective effect of *L. plantarum* against D-glucose induced oxidative stress by nullifying the impairments in the AD rat brain. The participants awarded first, second and third prizes in order of their presentation respectively.





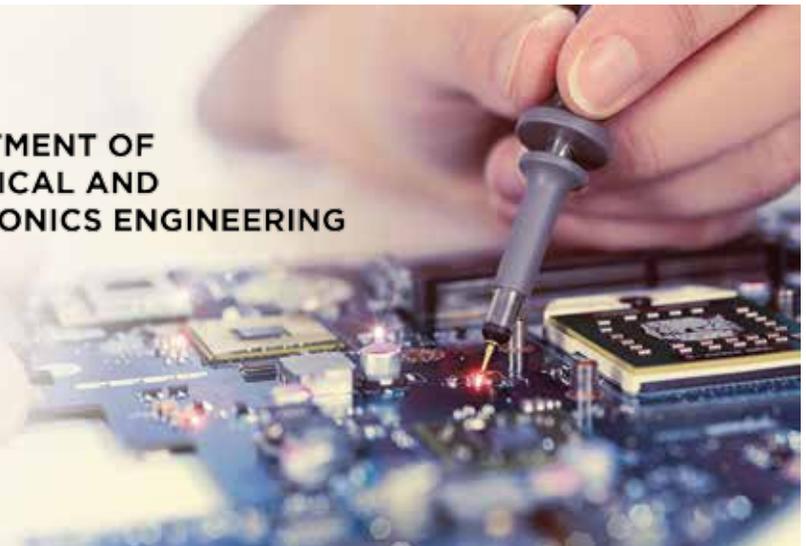
K L U Students of Department of CAMS,B.Arch, Varna Club students have participated the National level painting completion held in Dhuli artfestival-2018 Organized by DCAC (Dhuli college of art and craft) Bhubaneswar, Orissa state Department of fine arts, utkal university. Under the leadership of Asst.Professor Mr.Muppidi Rambabu CAMS Department very talented Artist trained the students in painting techniques so the students attended in the competition

got so many awards for their hard work 4 Students "painting International awards" and one asst. professor "FELICITATION Awarded" and " they got the awarded on Monday 12th March, 2018.

They show some fantastic art work. They did their own works paintings works paper on board.

The student worked with enthusiasm and clearly really enjoyed themselves.

Sl.No	Student Name	class
1	K. Saikalyan	B.sc. (VC)
2	P. Jaswanth, B.Arch (170160013)	B.Arch
3	K. VenkataTeja B.Arch (170160014)	B.Arch
4	K. Pawan B.Arch (170160005),	B.Arch
5	Mr. Muppidi Rambabu	Asst.Professor



RESEARCH PUBLICATIONS

1. **O. Chandra Sekhar** at el; "A novel three phase multilevel inverter with single DC link for induction motor drive applications", International Journal of Electrical and Computer Engineering. 81(2), pp. 763-770.
2. **O. Chandra Sekhar** at el; "A simplified PWM technique for reduced switch count multilevel inverter", Indonesian Journal of Electrical Engineering and Computer Science 9(3), pp. 711-721.
3. **Pakkiraiah, B., Ratnakanth, P.P., Haribabu, C., Chandra Sekhar, O.**, "Indirect vector controlled asynchronous motor drive's dynamic performance and analysis with a new modified MPPT controller", International Journal of Engineering and Technology(UAE) 7, pp. 570-576
4. **Narasimha Raju, K., Chandra Sekhar, O., Ramamoorthy, M.**, "Evaluation of level-shifted carrier PWM technique for neutral-point stabilisation of five-level DCMLI", International Journal of Power Electronics 9(1), pp. 1-12
5. **Raghu Vamsi Kishore, K., Chandra Sekhar, O., Deepthi, P.**, "3-level NPC inverter fed IM with direct FOC drive using SVPWM technique", Journal of Advanced Research in Dynamical and Control Systems 10(6), pp. 65-75
6. **M. Naga Chaitanya at el.**, "Independent real and reactive power flow control and maximum power extraction of DFIG based wind turbine system using improved field oriented control technique ", International Journal of Pure and Applied Mathematics Volume 119 No. 15 2018, 2361-2368. (Scopus)
7. **G. Kesava Rao**, "Consensus based economic dispatch including system power losses", International Journal of Engineering & technology (Scopus).
8. **G Swapna**, "Islanding detection for grid connected photovoltaic system for excess generation and under generation", International Journal of Engineering & technology(Scopus)
9. **M. Srikanth and T. Vijay Muni**, "Design and Simulation of PV-Wind Hybrid Energy System", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue, 2018, pp: 999-1005. (Scopus)
10. **T. Vijay Muni** at el., "Study the Performance of Solar PV Array under Partial Shadow using DC-DC Converter", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue, 2018, pp: 1006-1014. (Scopus)
11. **T. Vijay Muni** at el., "A Flying Capacitor Multilevel Topology for PV System with APOD and POD Pulse Width Modulation", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 02-Special Issue, 2018, pp: 96-101. (Scopus)
12. **Y. Sinivasa Rao**, "WT-ANN based fault discrimination for transmission system", International Journal of Engineering & technology(Scopus)
13. **T. Vijay Muni and K S Srikanth**, "A high performance hybrid MPPT control scheme for a grid connected PV system based three level NPCMLI", International Journal of Engineering & Technology, 7 (2.20) (2018) 37-40. (Scopus)
14. **B.Sanket and Dr.A. Pandian**, "Performance analysis of various dc link converters for PV based ac drives" International Journal of Engineering & Technology
15. **G G Rajasekhar**, "Power quality and custom power improvement using UPQC" International Journal of Engineering & Technology (IJET)
16. **T. Vijay Muni** at el., "Power Quality and Custom Power Improvement using UPQC", International Journal of Engineering Technology, 7 (2.20) (2018) 41-43. (Scopus)
17. **T. Vijay Muni and S V N L Lalitha.**, "A New Approach to Achieve A Fast Acting MPPT Technique for Solar Photovoltaic System Under Fast Varying Solar Radiation", International Journal of Engineering & Technology, 7

18. **Sk. Almaj and M. Kiran Kumar**, "An improved 1-phase Rectifier System using Fuzzy Logic control with 3-phase Variable Frequency Drive", International Journal of Engineering & Technology
19. **B.Praveen Kumar and K.S. Srikanth**, "ANN control based variable speed PMSG-based wind energy conversion system", International Journal of Engineering & Technology
20. **SK MD Kaleem and Ramasubbanna**, "Modeling and Implementation of MPPT based wind energy system using cuckoo search", International Journal of Engineering & Technology.
21. **K. Vijay Kumar and Dr. T. Bharath Kumar**, "Optimal Scheduling of micro grid for plug-in electric vehicle", International Journal of Engineering & Technology
22. **T. Vijay Muni** et al., "Design of Hybrid Renewable Energy System with a capacity of 300kw by using MATLAB", International Journal of Pure and Applied Mathematics Volume 118 No. 17 2018, 965-973. (Scopus)
23. **S. Ramasubbanna** et al; "Voltage and real power control of photovoltaic generation using MPPT", International Journal of Engineering & technology(Scopus)
24. **Y. Sinivasa Rao**, "WT-ANN based fault discrimination for transmission system", International Journal of Engineering & technology(Scopus)
25. **P. Tripura**, "Modelling and simulation of ZDC controlled PMSG based wind energy conversion system", International Journal of Engineering & technology(Scopus)
26. **K. P. Prasadrao, P Srinivasa Varma**, "A Novel five phase DSTATCOM for industrial loads", International Journal of Engineering & technology(Scopus)
27. **S Ravi Teja**, "DC capacitor voltage stabilization for five-level NPC inverter based STATCOM under dc offset in load", International Journal of Engineering & technology(Scopus)
28. **G Srinivasa Rao, K Harinadha Reddy**, "MATLAB based simulation model of stand alone dc micro-grid for remote area power applications", International Journal of Engineering & technology(Scopus)
29. **G G Rajasekhar**, "Photo-Voltaic Fed Interleaved Boost Converter With Simple Speed Control In BLDC Motor Drive" International Conference on Innovations in Electrical, Electronics, Power, Smart Grids & Advanced Computing Technologies, Hyderabad
30. **P. Srinivasa Varma**, "Comparision of different MPPT algorithms for PV system", International Journal of Engineering & technology (Scopus)
31. **D N Rao**, "Detection of fault and current approximation by wavelet transform", International Journal of Engineering & technology(Scopus)
32. **K. Narsimha Raju**, "An Improve Hybrid pwm technique for dc capacitors voltage balnce of five level DCMLI", International Journal of Engineering & technology(Scopus)
33. **M. Kiran Kumar**, "Interfacing of distributed generation for miro-grid operation", International Journal of Engineering & technology(Scopus)
34. **G G Rajasekhar**, "An Internal Current Controlled BLDC Motor Drive Supplied With PV Fed High Voltage Gain DC-DC Converter." International Journal of Electrical and Computer Engineering(IJECE)
35. **G G Rajasekhar**, "Performance Of Brush Less DC Drive With Single Current Sensor Fed From PV With high Voltage-Gain DC-DC Converter" International Journal of Power Electronics and Drive Systems(IJPEDS)(ISSN:2088-8694,Vol.9,No.1)
36. **G G Rajasekhar**, "ANN Control Based Variable Speed PMSG-Based Wind Energy Conversion System" International Journal of Engineering & Technology(IJET)
37. **T. Bharath Kumar**, "A Novel Petri Nets Algorithm using conditional probability for the evaluation of composite power system reliability", International Journal of Engineering & Technology, 7 (2) (2018) (Scopus)
38. **O. Chandra Sekhar** et al; "Laboratory model of electromegnetic propulsion based coil gun", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue, 2018, (Scopus)
39. **P.Linga Reddy** et al; "An improved hybrid PWM technique for DC capacitors voltage balance of five level DCMLI", International Journal of Engineering & Technology, 7 (2) (2018) (Scopus).
40. **G. Srinivas Rao** et al; "Matlab based simulation model of standalone dc microgrid for remote area power applications" International Journal of Engineering & Technology, 7 (1.8) (2018) (Scopus).
41. **S. Rajasekhar** et al; "Design and Analysis of All taurine vehicles", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue, 2018, (Scopus)
42. **K.V. Siva Reddy** et al; "Detection of Islanding in micro grid using ROCOF", Jour of Adv Research in Dynamical & Control Systems, Vol. 10, 04-Special Issue, 2018, (Scopus)

PLACEMENTS

EIGHT of 2018 passed out students (Y14) are placed in SCADA Centre, AP Vidyut Soudha, APSPDCL (Andhra Pradesh Southern Power Distribution Corporation Limited), Govt. of AP. On 21st June 2018 officials from APSPDCL visited our campus and conducted the interviews exclusively for KLU EEE Students and finally they short listed eight students. On Saturday i.e. 7th June 2018 we received a copy of Government office Order indicating the names of the selected students from the APSPDCL Head Office, Tirupathi.



NATIONAL/ INTERNATIONAL AWARDS TO FACULTY



Dr. M. Srikanth, Associate Professor of EEE Department got Dr. APJ Abdul Kalam Life Time Achievement National Award from IRDP Awards – 2018 in the field of Teaching, Research and Publications, Chennai for the A.Y. 2017-2018.



Mrs. B. Jyothi, Assistant Professor of EEE Department got Dr. APJ Abdul Kalam Life Time Achievement National Award from IRDP Awards – 2018 in the field of Teaching, Research and Publications, Chennai for the A.Y. 2017-2018.



Dr. P. Srinivasa Varma, Associate Professor of EEE Department got Best Scientist Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai for the A.Y. 2017-2018.



Mr. RBR. Prakash, Associate Professor of EEE Department got Best Young Researcher Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai for the A.Y. 2017-2018.



Dr. B. Pakkiraiah, Associate Professor of EEE Department got Best Young Scientist National Award from IRDP Awards – 2018 in the field of Research and Publications, Chennai for the A.Y. 2017-2018.



Mr. K P Prasad Rao, Assistant Professor of EEE Department got Bright Researcher Award from I2OR Awards – 2018 in the field of Research and Publications, Chandigarh for the A.Y. 2017-2018.

STUDENT ACHIEVEMENTS / EXTERNAL PARTICIPATION



Mr. A. Gopi Raja got best student Entrepreneur Award from Start AP Awards, Visakhapatnam, for "Campus Leadership Award" (A.Y.:2017-2018)



Sponsored Projects Status:

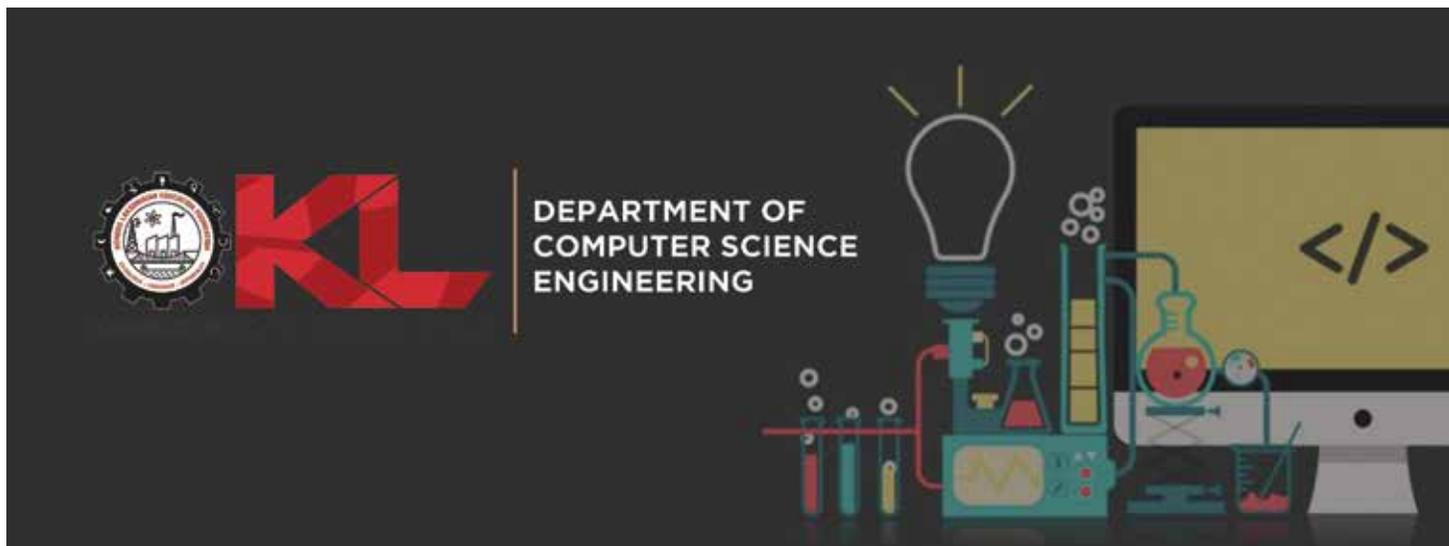
Ongoing				
S.No	Faculty Name	Funding Agency	Title of project	Total cost (in Lakhs)
1	Mr.Maddila Srikanth	SERB	Maximum Power Point Tracking Applications for DC Distribution System by Integration of Buck Boost Converter.	27.790
2	Dr.Obbu Chandra Sekhar	SERB	Development and Performance Evaluation of Controlled Techniques for Multi-Point Clamped Inverter fed Direct Torque Control Induction Motor Drive.	34.410
3	Ms N. Lavanya Dr.M.Venu Gopala Rao	DST	A topology for multiple generation system with doubly fed induction machines and indirect matrix converter	23.480
4	Ms. B.Jyothi	SERB	Three phase to five phase transformation using transformer and five leg inverter to drive the five phase induction motor.	21.620



Mr. A Gopi Raja, IV Year of EEE and Managing Director of Fopple Technologies acted as a Resource Person in a Six Day Residential Training Programme on Digitalization Transformation Essentials at Andhra Pradesh Human Resource Development Institute (APHRDI) on 29th May 2018.

Faculty Achievements

- Dr. J. Somlal was promoted from Associate Professor to Professor on completion of Ph.D from Acharya Nagarjuna University (ANU), Guntur.



INDUSTRY RELEVANT TRAINING / VISITS

- FDP conducted by Google between 23-4-2018 to 28-4-2018 on Android development. 32 Faculty members of CSE participated
- FDP conducted on Amazon Web Services between 30-4-2018 to 3-5-2018. 15 Faculty members of CSE participated

AWARDS & PRIZES WON IN PAPER CONTESTS, SEMINARS ETC:

- **Dr. K. Rajasekhar, Professor, Dept of CSE** received Entrepreneurship Award from StartAp Foundation on 25th May 2018,

PATENTS

1. IOT BASED WASTE MONITORING SYSTEM FOR SMART BINS AND METHOD EMPLOYED THEREOF by Dr. KONDURI BHAGAVAN ,Dr. VISHNUBHOTLA RAMA KRISHNA, Dr. CHITTA VENKATA PHANI KRISHNA filed on 20/06/2018 and published on 29/06/2018.
2. SMART SYSTEM FOR COST AND QUALITY DATA AGGREGATION OF PRIVATE HOSPITAL DATA USING MACHINE LEARNING APPROACH by D. R. P. V. R. D. PRASAD RAO, SYED AHMED YASIN filed on 11/5/2018 and published on 22/06/2018.

PLACEMENTS

Month	No.of Companies Visited	No.of Placements
April-18	9	19
May-18	5	2
June-18	4	7

PAPERS PUBLISHED BY THE FACULTY

- 1 **K SWETHA** Survey on Mobile Malware Analysis and Detection, Apr-18, International Journal of Engineering and Technology (UAE) SCOPUS
- 2 **N RAJESH** PREDICTION OF HEART DISEASE USING MACHINE LEARNING ALGORITHM, Apr-18 International Journal of Engineering and Technology (UAE) SCOPUS
- 3 **A.Vijay Kumar, Dr. L.S.S. Reddy** A critical review on application of Secure Multi Party computation protocols in cloud environment, Apr-18, International Journal of Engineering and Technology (UAE) SCOPUS
- 4 **A. Vijaya Kumar , Umang Choudary , G. Kalyan Sai** Enhance Security using Secure Multiparty Computation to E- voting application in cloud, Apr-18, International Journal of Engineering & Technology SCOPUS
- 5 **Dr. K V D KIRAN** Study and analyze the locky ransomware using Malware analysis Techniques Apr-18 International Journal of Engineering & Technology SCOPUS
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INSPIRE CAMP-2018

For this camp intermediate first year M.P.C. and Bi.P.C. students are only eligible. A minimum of 9.4 CGPA in class x is mandatory for all these students. This event was organised from 26-07-2018 to 30-07-2018 for 5 days. Total 150 students had participated in this event. 10 mentors all over India had addressed the students

MENTORS:

- **Dr. Shakeel Ahmed** from CSIR-NGRF, Hyderabad
- **Dr. Y. ouvaraj** from Madras University, Chennai
- **Dr. Kandaswamy** from Bharathiar University, Coimbatore
- **Dr. T.J.Pandian** from Madhurai
- **Dr. Akhil C. Benerjee** from NII New Delhi
- **Dr. Samanta Anuney**, University of Hyderabad, Hyderabad
- **Dr. Yagna Narayana**, IIT Hyderabad
- **Dr. N.Chandrakumar**, IIT Chennai
- **Dr. P. Senthilkumar**, CSIR-NGRI Hyderabad
- **Dr. A. VenkataRaman**, Gulburga University, Gulburga



The main theme of this program is to create awareness on science and make them to study B.Sc., M.Sc., Ph.D. in sciences. All these students are eligible for government scholarships in various schemes for UG, PG, and Ph.D. The program coordinator was Dr. Fazal Noor Basha, Associate Professor, ECE Department.

RESEARCH PUBLICATIONS

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83. **P Ramakrishna, K Hari Kishore** "Design Of An Ultra Low Power CMOS Comparator For Data Converters" Journal of Advanced Research in Dynamical and Control Systems(Scopus), ISSN No: 1943-023X, Vol No: 10, Special Issue No: 7, Page No: 1347-1352, June 2018
84. **Avinash Yadlapati, K Hari Kishore** "System Level Verification of Advanced Extensible Interface Protocol Using Verilog HDL" Journal of Advanced Research in Dynamical and Control Systems (Scopus), ISSN No: 1943-023X, Vol No: 10, Special Issue No: 7, Page No: 1359-1365, June 2018
85. **G. Veerendra Nath, K. Nageswara Rao, K Hari Kishore** "A Slot Loaded Compact Antipodal Vivaldi Antenna Design for RADAR Applications System Level Verification of Advanced Extensible Interface Protocol Using Verilog HDL" Journal of Advanced Research in Dynamical and Control Systems (Scopus), ISSN No: 1943-023X, Vol No: 10, Special Issue No: 7, Page No: 1342-1346, June 2018





(DEEMED TO BE UNIVERSITY)

DEPARTMENT OF
ELECTRONICS AND
COMPUTER ENGINEERING.

PUBLICATIONS

1. **Dr. K. V. Daya Sagar P Sai Durga , G. Kavya, K Sri Sravya , K. Krishna Veni** published a paper entitled "*Mobile based home mechanization framework using IoT for smart cities*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
2. **K. Naga Siva Rao Dr. K. Sreenivasa Ravi P. Gopi Krishna** published a paper entitled "*Occupancy based home automation system*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X VolumeNO:7 ssueNO:02,"in April 2018.
3. **P. Abhishek, Kallakunta Ravi Kumar, B.Naga Bhavya³** published a paper entitled "*N enhanced technique for ranking fraud discovery for mobile apps*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
4. **Tarun Paleti , K. Kiran Kumar ,Shaik Riyaz** published a paper entitled "*On-line examination system of security application*" in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
5. **Dr JKR Sastry M. Sri Harsha Vamsi , R. Srinivas , G. Yeshwanth** published a paper entitled "*Optimizing performance of search engines based on user behavior*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
6. **S Ummay Atiya N.V.K Ramesh,** published a paper entitled "*Pattern classification of interstitial lung disease in high resolution clinical data sets A systematic review*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
7. **K.V. Sowmya Dr. JKR Sastry** published a paper entitled "*Performance evaluation of IOT systems – basic issues*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
8. **Chandaluru Mohan Venkata Siva Prasad, Dr. K. Raghava Rao, D. Satish Kumar , A. V. Prabhu** published a paper entitled "*Performance evaluation of power optimization in wireless sensor networks using particle swarm optimization*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
9. **Shakeel Ahmed N.V.K. Ramesh** published a paper entitled "*Performance evaluation of Vanets using wireshark*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
10. **Dr. JKR Sastry , N. Sreenidhi , K. Sasidhar** published a paper entitled "*Quantifying quality of WEB site based on usability*" in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
11. **Y. Venkata Raghavarao, K. Sasidhar, JKR Sastry, V.Chandra Prakash** published a paper entitled "*Quantifying quality of WEB sites based on content*" in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
12. **Vamseekrishna.A, B. T. P. Madhav, Y. Nagarjuna, S. Lakshmi Manasa, V. Mourya, Y. Yaswant** published a paper entitled "*RECONFIGURABLE NOTCH BAND ANTENNA USING PIN DIODES*" in scopus indexed ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
13. **P. Lashitha Vishnu Priya , N. Sai Harshith , Dr. N. V. K. Ramesh** published a paper entitled "*Smart Agriculture monitoring system using IoT*" in Scopus indexed IJET(UAE) ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
14. **G.Balram K. Kiran Kumar** published a paper entitled "*Smart farming disease detection in crops*" in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018

15. **Vamseekrishna.A, Paruchuru Jyothshnasri, Vuddagiri Aiswarya, Shaik Sameer** published a paper entitled *Smart Restaurants* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
16. **K. Goutham Chand, M. Sidhendra, Dr. Mohammed Ali Hussain** published a paper entitled "*Soil nutrient measurement in paddy farming using IoT* " in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
17. **S.Bhavika B.Prema Sindhuri, G.Bhavana** published a paper entitled *Spam detection using semantic web in mail services* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
18. **T. Pavithra, JKR. Sastry** published a paper entitled *Strategies to handle heterogeneity prevalent within an IOT based network* in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
19. **K Sai Prasanthi, K V Daya Sagar** published a paper entitled *Survey on secure protocols for data sharing through edge of cloud assisted internet of things* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volume NO:7 Issue NO:02," in April 2018
20. **Chaitanya Kilaru , Dr. JKR Sastry , Dr. K RajaSekhara Rao** published a paper entitled *Testing distributed embedded systems through logic analyzer* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
21. **LakshmiPrasadMudarakola1*, J.K.R.Sastry2, V.Chandra Prakash3** published a paper entitled *Testing embedded sytems using test cases test cases generated through combinatorial techniques* in Scopus indexed IJET(UAE) ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
22. **S. Sridevi, M.Bindu Prathyusha, P.V.S.J.Krishna Teja** published a paper entitled *User behavior analysis on agriculture mining system* in Scopus indexed IJET(UAE) ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
23. **T.V.R. Sai, Sk. Haaris, S. Sridevi** published a paper entitled *Website evaluation using opinion mining* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
24. **N. V. K. Ramesh, S. V. Tejesh Kumar, V. Vamsi and S. Akarsh** published a paper entitled *WI-FI CONTROLLED UNIVERSAL REMOTE USING ESP8266* in Scopus indexed ARPN ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
25. **P. Gopi Krishna K. Sreenivasa Ravi D. Sai Pujitha, V Sai Shashank, G Mounika** published a paper entitled *Design and development of bi-directional smat IoT gateway with interoperability for heterogeneous devices* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
26. **P. Gopi Krishna , K. Sreenivasa Ravi K Hari Kishore , K KrishnaVeni, K. N. Siva Rao , R. D. Prasad** published a paper entitled *design and development of bi-directional lot gateway using zigbee and wi-fi technologies with MQTT protocol* in scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
27. **P. Gopi Krishna K. Sreenivasa Ravi, R. Trinadh, K Chandra Sekhar, V. Ranjit Kumar** published a paper entitled *Design and development of smart energy meter for effective use of electricity in IOT application* in Scopus indexed IJET(UAE) ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
28. **P. Sahithi 1 K. Hari Kishore , E. Raghuvveera , P. Gopi Krishna** published a paper entitled *design of voltage level shifter for power-efficient applications using 45nm technology* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
29. **Maloji Suman , P. Gopi Krishna , D. V. S. Kasyap , K. Harika** published a paper entitled *GPS enabled embedded vehicle speed limiting device for electric vehicles* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7 IssueNO:02,"in April 2018
30. **P. Gopi Krishna K. Srinivasa Ravi , P. Hareesh , D. Ajay Kumar , H. Sudhakar** published a paper entitled *implementation of bi-directional blue-fi gateway in IoT environment* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
31. **CH. Venkata Sai Kasturi Babu, Manikanta Athuluri, N. Venkatram** published a paper entitled *Android based real time advance security for parking system in IOT* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
32. **Kalathiripi Rambabu, N. Venkatram** published a paper entitled *Traffic flow features as metrics flow* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
33. **P. Swetha Reddy, K.V. Chanakya, B.Eswari, Ch.Bhupati** published a paper entitled *Water leakage detection monitoring and controlling system using IOT* in Scopus indexed IJET(UAE)ISSN NO:2227-524X volumeNO:7IssueNO:02,"in April 2018
34. **Bhupati,Dr.J.K.R.Sastry** published a paper entitled *A frame work for effecting fault tolerance within IoT network*

in Scopus indexed Jour of Adv Research in Dynamical & Control Systems ISSN NO: 1943-023X, volumeNO:10 IssueNO:02,"in April 2018

35. **Dr.K.V.Daya Sagar Ch Shyam Krishna** published a paper entitled *A Method for Finding Threated Web Sites Through Crime Data Mining and Sentiment Analysis* in Scopus indexed Jour of Adv Research in Dynamical & Control Systems ISSN NO: 1943-023X, volumeNO:10IssueNO:02,"in April 2018

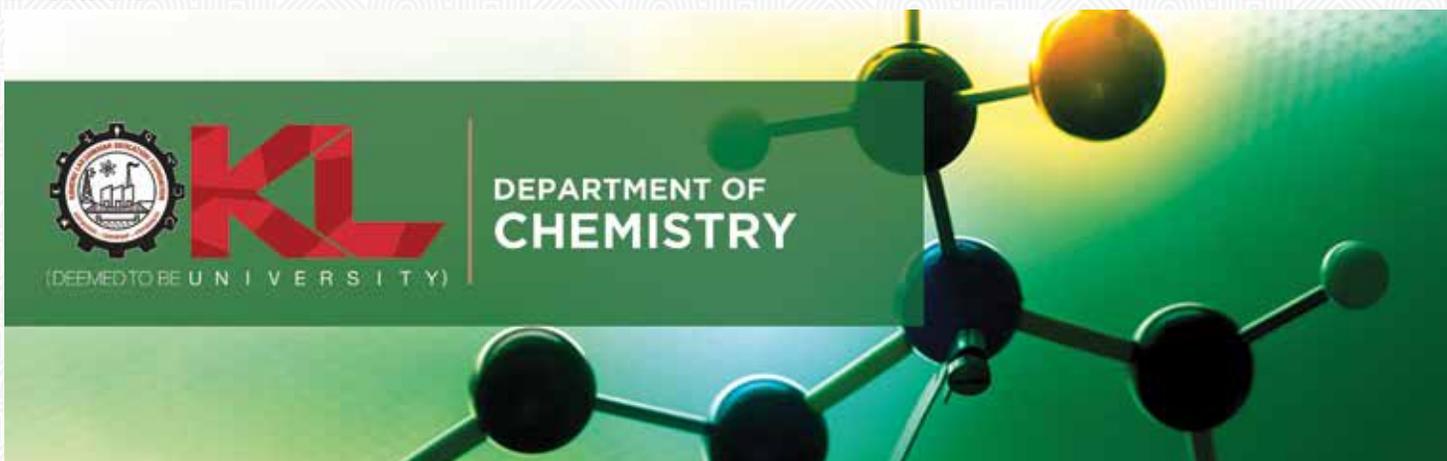
36. **P.N. Suryawanshi, Dr. G. Vijay Kumar**, published a paper entitled *A Review of Visual Data Analytical Model to Analyze the Social Media's Dynamic Data* in Scopus indexed Jour of Adv Research in Dynamical & Control Systems ISSN NO: 1943-023X, volumeNO:10IssueNO:02,"in April 2018

37. **Tammineni Deepak,Dr. Mohammed Ali Hussain**, published a paper entitled *A Two Stage Human Interaction Proof to prevent BOT Attacks* in Scopus indexed Jour of Adv Research in Dynamical & Control Systems ISSN NO: 1943-023X, volumeNO:10IssueNO:02,"in April-2018

38. **V.Deepika M.Kameswara Rao**, published a paper entitled *Tokenization Of News Feed Articles Based On Their Similarity Using Machine Learning Techniques* in Scopus indexed Jour of Adv Research in Dynamical & Control Systems ISSN NO: 1943-023X, volumeNO:10IssueNO:02,"in April 2018



The graphic features a large, stylized number '9' with a dashed white line running through its center, resembling a race track. The background is a grayscale image of a diverse group of students. In the top right corner, the KL University logo is displayed, consisting of a circular emblem with a gear and a building, followed by the letters 'KL' in a large, bold, red font, and the text '(DEEMED TO BE UNIVERSITY)' below it. The text 'th' is positioned above the main headline. The headline 'BEST PRIVATE UNIVERSITY IN INDIA' is written in large, bold, red and black letters. Below this, the phrase 'RACING AHEAD' is written in white, bold, italicized letters on a black background. At the bottom, 'BY INDIA TODAY' is written in red, bold, sans-serif letters.



AWARDS

EET-CRS, India's largest Research & Branding Company, Bangalore has awarded "Official Spotlight Certificate" to Dr. B. Pradeep Kumar, Assistant Professor in Department of Chemistry, K L University in its 7th Science & Technology Awards - 2018 for his outstanding research at National level.

PH.D AWARD

Mr. A. Ravi Varma (Regd. No. 11323001) was awarded his Ph.D in Chemistry in Faculty of Sciences for his thesis entitled "Studies on Development and Validation of RP-HPLC method with Photo Diode Array Detection for the Quantification of Drug Combinations in Bulk and Pharmaceutical Dosage Form" under the guidance of Dr. J. V. Shanmukha Kumar.

PLACEMENTS

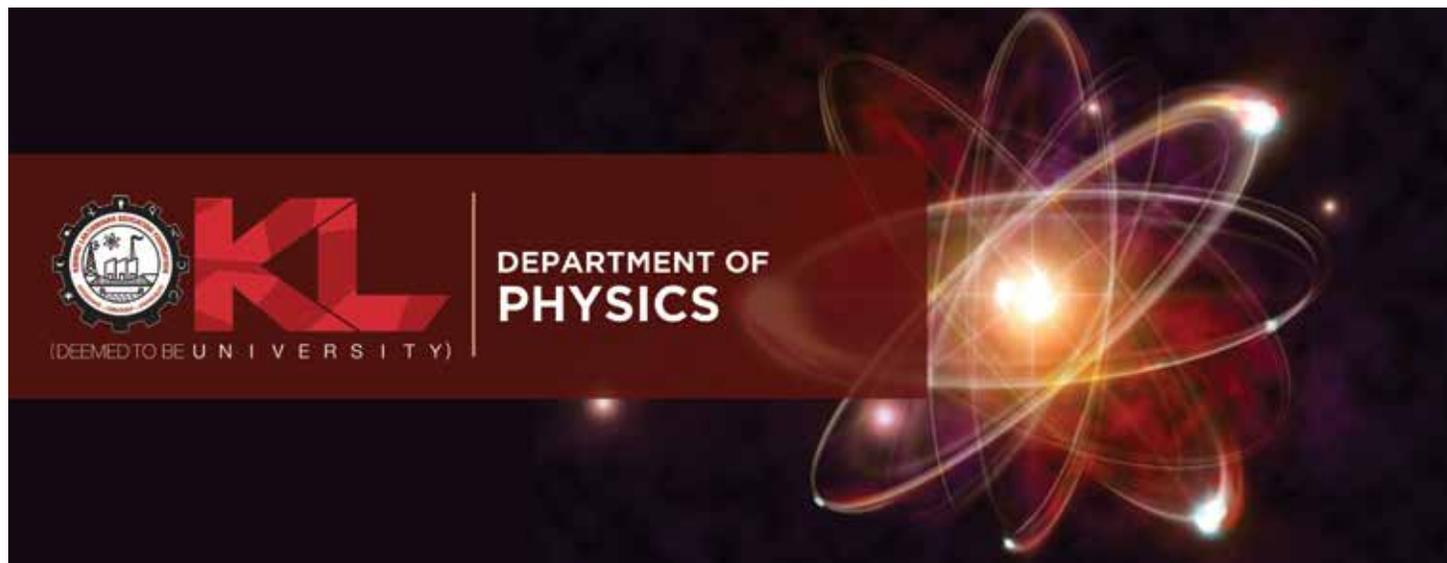
All three MSc passed out students in the academic year 2017-2018, from Department of Chemistry have been recruited in pharmaceutical industries.

NEW FACULTY

Department of Chemistry warmly welcomes new faculty, **Dr. M. Sankararao** and wish him successful teaching and research career at K L University.

RESEARCH PUBLICATIONS

- Mohamed E. Assal, Mohammed Rafi Shaik, Mufsir Kuniyil, Mujeeb Khan, J. V. Shanmukha Kumar, Abdulrahman Yahya Alzahrani, Abdulrahman Al-Warthan, Saad Abdulaziz Al-Tamrah, Mohammed Rafiq H. Siddiqui, Syed Azhar Hashmi, and Syed Farooq Adil**, "Silver-doped manganese based nano composites for aerial oxidation of alcohols, Mater. Express, 2018, 8, 35-54.
- Kalpana Nekkala, Shanmukha Kumar J V, Ramachandran D**, "Analytical method development and validation for the simultaneous estimation of sofosbuvir and velpatasvir drug product by reverse phase high performance liquid chromatography method", Asian Journal of Pharmaceutical and Clinical Research, 2018,11-2, 164-168.
- Suresh Reddy Yellampalli, Useni Reddy Mallu, J.V. Shanmukha Kumar, Jyothi Pallegogu, Gopa Sudheer Kumar Reddy and Lakshmi Reddy Govindinne**, "Development and validation of UPLC method for determination of lamivudine impurity profile in tablets", Asian Journal of Chemistry, 2018, 30-5, 1065-1069.
- Jalli Ramesh Babu, K. Ravindhranath, and Vijaya Kumar Kambila**, "Preparation and characterization of nano Dy2O3 Doped PVA + Na3C6H5O7 polymer electrolyte films for battery applications", Advances in material science and Engineering, 2018, Article ID 2080369, 9; doi:10.1155/2018/2080369.
- Anna Aruna Kumari and K. Ravindhranath**, Removal of Aluminum(III) from Polluted Water Using Active Carbon Derived from Barks of Ficus Racemosa Plant, Asian Journal of Water Environment and Pollution, 2018, 15-1, 23-39.
- Sujitha Ravulapalli, Ravindhranath Kunta**, "Removal of Lead (II) from wastewater using active carbon of Caryota urens seeds and its embedded calcium alginate beads as adsorbents", Journal of Environmental Chemical Engineering, 2018, 6, 4298-4309.
- A. Naga Babu, D. Srinivasa Reddy, G. Suresh Kumar, K. Ravindhranath and G.V. Krishna Mohan**, "Removal of lead and fluoride from contaminated water using exhausted coffee grounds based bio-sorbent", Journal of Environmental Management, 2018, 218, 602-612.
- Naga Babu, G.V. Krishna Mohan, K. Kalpana, K. Ravindhranath**, Removal of fluoride from water using H2O2-Treated fine red mud doped in Zn-alginate beads as adsorbent., Journal of Environmental Chemical Engineering, 2018, 6, 906-916.
- Lakshmi Narayana Sharma Konidena, Satish Kumar Boda, Suresh Kumar Chettu, Kumaraswamy Sorra, Sreenivas Eraganti, Praveena Mukkavilli and N. S. Kameswara Rao**, "Synthesis, biological evaluation and molecular docking studies of Novel 2-(2-cyanophenyl)-N-phenyl acetamide derivatives", Research on Chemical Intermediates, 2018, doi:10.1007/s11164-018-3434-9.
- Kasarla Ramakrushna Reddy, Pradeep Kumar Brahman, Lakkavarapu Suresh**, "Fabrication of high performance disposable screen printed electrochemical sensor for ciprofloxacin sensing in biological samples", Measurement, 2018, 127, 175-186.
- Venkat Swamy Puli, Vukoti Kiran Kumar, Venkata Reddy Regalla, Anindita Chatterjee**, "microwave-assisted synthesis, characterization, and biological evaluation of phenylacrylamide derivatives of triazoles derived from oxazolones" Asian Journal of Pharmaceutical and Clinical Research, 2018, 11-7, 285-290.
- Bikshal Babu Kasimala, Venkateswara Rao Anna, Useni Reddy Mallu, Maheshwara Reddy L**, "Intended high-performance liquid chromatography procedure for the quantification of norfloxacin and its potential impurities in active pharmaceutical ingredient and tablet dosage forms", Thai journal of Pharmaceutical Sciences, 2018, 42-1, 27-36.



RESEARCH ARTICLES

1. **Dr. Ch.Rajesh**, Assistant Professor from Department of Physics had published a paper in Journal of Materials Research Express with title "Impact of composition of polysulphide electrolyte on the photovoltaic performance in quantum dot sensitized solar cells" with K L E F affiliation, Materials Research Express 5, 066208 (2018)
2. **Dr. M.V.V.K. Srinivas Prasad**, Assistant Professor, Department of Physics, had published a paper in journal of Nanoscience and Technology with title "Spectroscopic Investigations on Pr³⁺ doped alkali fluoro boro phosphate glasses" with K L E F affiliation, Journal of Nanoscience and Technology 2, 360-363 (2018)
3. **Dr. Shaik Babau**, Assistant Professor, Department of Physics, had published a paper in Journal of Molecular Liquids with title "Corrigendum on "Studies on molar volume, dielectric properties and refractive indices of cyanex 923 + benzene/xylene at 300 K" with K L E F affiliation, Journal of Molecular Liquids 266, 62-64 (2018)
4. **Dr. D Thangaraju**, Assistant Professor, Department of Physics, had published a paper in Journal of Electronic Materials with title "Fabrication and Luminescence Characterization of a Silica Nanomatrix Embedded with NaYF₄:Yb:Er: Tm @ NaGdF₄/Fe₃O₄ Nanoparticles" with K L E F affiliation, Journal of Electronic Materials (In Press) 2018 (<https://doi.org/10.1007/s11664-018-6328-0>)
5. **V. Murali Krishna, Sk. Mahamuda, Rupesh A. Talewar, K. Swapna, M. Venkateswarlu and A.S. Rao** had published a paper in Journal of Alloys and Compounds with title "Dy³⁺ ions doped oxy-fluoroborotellurite glasses for the prospective optoelectronic device applications" with K L E F affiliation, Journal of Alloys and Compounds (In Press) 2018 (<https://doi.org/10.1016/j.jallcom.2018.05.191>)
6. **R.A. Talewar, Sk. Mahamuda, A.S. Rao, C.P. Joshi, S.V. Moharil** had published a paper in Journal of Luminescence with title "Sensitization of Nd³⁺ by 4f-5d transition of Ce³⁺ in Ba₂Y(BO₃)₂Cl phosphor for the prospective NIR applications" with K L E F affiliation, Journal of Luminescence (In Press) 2018 (<https://doi.org/10.1016/j.materresbull.2018.04.033>).
7. **Dr.A.Venkateswara Rao**, Assistant Professor, Department of Physics had published a paper in Journal of Ceramics International with title "Structural, microstructural and electrochemical studies on LiMn_{2-x}(GdAl)_xO₄ with spinel structure as cathode material for Li-ion batteries" with K L E F affiliation, Ceramics International (In Press) 2018 (<https://doi.org/10.1016/j.ceramint.2018.05.148>)
8. **Dr.A.Venkateswara Rao**, Assistant Professor, Department of Physics had published a paper in Journal of Materials Letters with title "Structural, electrical and electrochemical studies on doubly doped LiMn_{2-x}(GdNi)_xO₄ cathode materials for Li-ion batteries" with K L E F affiliation, Materials Letters 277, 250-253, (2018)

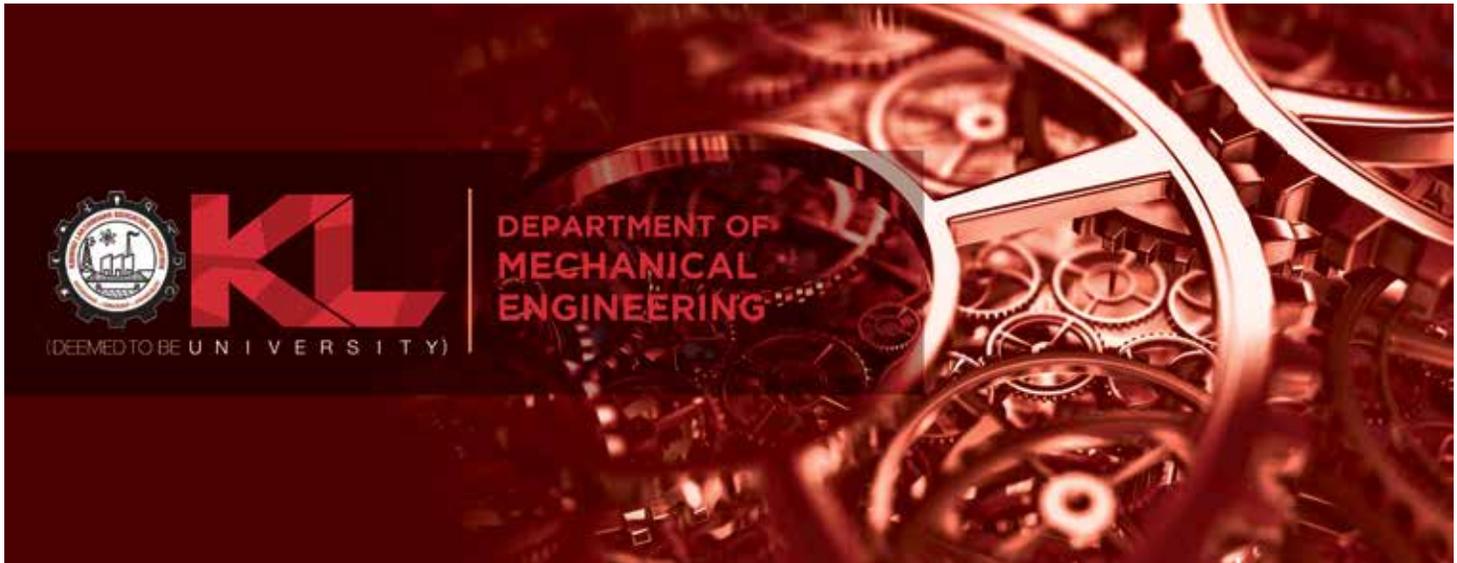
FACULTY PARTICIPATION

1. **Dr.B. Naresh Kumar Reddy** attended workshop on Lab view in Coimbatore Institute of Technology, Coimbatore from 28th May 2018 to 1st June 2018
2. **Dr.B. Naresh Kumar Reddy** presented a paper entitled "An Efficient core mapping algorithm on Network on Chip" in 22nd International Symposium on VLSI Design and Test(VDT) from 28th June to 1st July 2018.
1. Ch. B. Annapurna Devi, Part-Time Scholar (ID.No: 12322003) from Department of Physics submitted her thesis on "Photo-Luminescence Properties of Dy³⁺, Eu³⁺, Pr³⁺ and Sm³⁺ Doped Single and Mixed Alkali Fluoro Tungsten Glasses.



GUEST LECTURES ORGANIZED

1. **Professor O.M.Hussian** from Sri Venkateswara University, Tirupati, visited the department of Physics on 13-04-2018 to give a lecture on the topic "Lithium metal oxide thin film electrodes for supercapattary applications". He is a Professor of Physics in Sri Venkateswara University and at present heading the department SV U.
2. **Professor K.Krishna Reddy** from Yogi Vemana University visited the department of Physics on 07-05-2018 to give a lecture on the topic "Nanotechnology and Computational data Science for understanding of Earth-Physical Science System". He is a Professor of Physics in Yogi Vemana University, Dean students welfare, co-ordinator, semi-arid-zonal atmospheric research centre (sarc), co-ordinator, dst-fist program.
3. **Dr. D. Thangaraju**, Assistant Professor from department of Physics, received a project under DST-SERB/ECRA entitled " Development of lead free all-inorganic halide perovskites" worth of 49 lakhs.
4. **Dr. D. Thangaraju**, Assistant Professor attended Matsuda Laboratory, Shizuoka University, Japan for collaborative research for the period of one month from 1st June to 30th June.



NATIONAL & INTERNATIONAL AWARDS

Dr.A Srinath; Professor & Head, Department of the mechanical engineering has received 'RESEARCH EXCELLENCE AWARD-2018' from Institute For Exploring Advances In Engineering (IEAE) for his research work titled "Haptics based robotic Prosthetic leg".



SL.NO	Name	Title	Year Of Registration	Year of Completion	Guide
1	Y Kalyan Chakravathi (ID No-12307010)	Design and Development of an Indigenous and intelligent transformal Prosthetic leg.	2012	2018	Dr .A Srinath

Sl. No	Authors	Title	Year	Journal of Publication	ISSN
1	Arunkumar M.P., Pitchaimani J., Gangadharan K.V., Leninbabu M.C.	Vibro-acoustic response and sound transmission loss characteristics of truss core sandwich panel filled with foam	2018	Aerospace Science and Technology	12709638
2	Murty A.S.R., Satyanarayana M., Devi Vara Prasad I.	Compressor health monitoring using IOT	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
3	Manikanta P., Reddy B.V.R., Kumar M.S., Chaitanya M., Sushanth A.D.	Friction stir processed AA6063 with B4C - Graphite hybrid surface composite and its mechanical behaviour	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
4	Praveen Kumar R., Manikanta P., Kumar M.N.V.R.L., Santhosh Kumar R.	Fabrication and testing for nanosatellite deployable mechanisms	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
5	Nagaraju V., Sivakumar P., Satyateja R., Sai Krishna Karteek M., Venkata Gopi D., Gopal Reddy L.	Analysys of temperature & heat flux of coated and non-coated pistons by using (YSZ) material	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
6	Ramesh Kumar S., Sriram Kalyan H., Dhananjaya Kumar K., Dilip S.	Design and fabrication of autonomous robot for precision agriculture	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
7	Vijaya Kumar T., Sai Krishna P.S.B., Uday Kumar P., Avinash M.V.B., Ramsudeesh T.	Sintering of iron powder mixtures and determining their mechanical properties	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
8	Padhi S.K., Kumar M., Srikanth M., Aditya S.K.S., Rahul	Thermal analysis on friction stir welded aluminum plates	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
9	Vijaya Kumar T., Ganesh J.V.S., Naga Sai Krishna G., Santosh Kumar M.N.V.	Experimental investigation on stir cast aluminium with aluminium oxide powders	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
10	Rao P.K.V., Raghu Kumar B., Saiteja A., Srikar N.S.V., Sreenivasulu V., Adithya Prakash D.	Experimental investigation of thermal stability of carbon nanotubes reinforced aluminium matrix using TGA-DSC analysis	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890

11	Prathyusha B.G.R., Janjanam N., Narasimha Rao K.V., Sandeep G.	Numerical investigation on shell & tube heat exchanger with segmental and helix baffles	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
12	Narendra N., Narasimha Rao K.V.	Experimental evaluation of performance of air-conditioning compressor due to Al ₂ O ₃ nanoparticles in lubricating oil	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
13	Veeranjaneyulu K., Venkateswar Rao T.	A review on diesel injectors modeling, spray and cavitation	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
14	Panjugala H., Balakrishna M., Kushnoore S., Madhukar E.L.N.R.	Design & Weight Optimization of a Wheel Rim for Sport Utility Vehicle	2018	MATEC Web of Conferences	2261236X
15	Panjugala H., Madhukar E.L.N.R., Kiran I.R.	Recent advancements in shape optimization of aero spiked high speed re-entry vehicle using CFD	2018	MATEC Web of Conferences	2261236X
16	Satyanarayana G., Narayana K.L., Nageswara Rao B.	Identification of Optimum Laser Beam Welding Process Parameters for E110 Zirconium Alloy Butt Joint Based on Taguchi-CFD Simulations	2018	Lasers in Manufacturing and Materials Processing	21967229
17	Gupta S., Karanam N.K., Konijeti R., Dasore A.	Thermodynamic Analysis and Effects of Replacing HFC by Fourth-Generation Refrigerants in VCR Systems	2018	International Journal of Air-Conditioning and Refrigeration	20101325
18	Suresh G., Narayana K.L., Mallik M.K., Srinivas V., Reddy G.J., Gurappa I.	Electro chemical behaviour of lensâ„¸ deposited Co-Cr-W alloy for bio-medical applications	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
19	Tanuja Alekhya K., Naveen Chandra D., Subhankar Reddy G., Nageswara Rao B.	Experimental stress analysis on a hydro-burst pressure tested high strength steel rocket motor casings	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
20	Vivek G., Imran M., Naveen P., Vineeth A.V., Rao B.N.	Biaxial gain assessment on flawed cylindrical pressure vessels	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
21	Rao T.B., Venkata Sai Prem K., Yashika N., Chevvakula S., Nalli V., Prasad V.S.	Microstructural and mechanical properties characterization of Al6061/nano TiCP composites fabricated through stir casting	2018	International Journal of Mechanical Engineering and Technology	9766340

22	Tirumala Sandeep T., Mani Bhushan K., Lalith Sai Kumar A., Satish kumar P., Sai Ram Prasad A.	Design and optimization of geometrical characteristics of helical spring using fusion 360	2018	International Journal of Mechanical Engineering and Technology	9766340
23	Rao T.B., Rama Rao P.V., Bala vamsi V., Surya Chandra Babu A., Venu P., Prince G.L.	Optimization of friction stir welding parameters during welding dissimilar aluminium alloys	2018	International Journal of Mechanical Engineering and Technology	9766340
24	Rao T.B., Reddy K.D.K., Srikar K.B., Krishna M.P., Kumar Ch.P.	SIMULTANEOUS OPTIMIZATION OF μ -EDM PARAMETERS FOR MACHINING INCONEL 718 SUPER ALLOY	2018	International Journal of Mechanical Engineering and Technology	9766340
25	Ramya K., Koneru S., Santhosh Kumar R.	Multi variable optimization of surface grinding process using genetic algorithm	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
26	Sivakumar P., Appalaraju P., Srikar C.H., Reddy T.S.K., Kumar Y.J., Babu K.V.	Steady state thermal analysis of continuous variable transmission with extended surfaces	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
27	Venkatesulu M., Sambaiah C.H.	Modelling and analysis of static and dynamic of connecting lugs and mechanical bracket using abaqus	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
28	Parthiban R., Sakthivel R., Jetti S.	Fabrication and study of hardness behaviour on gamma irradiated ultra-high molecular weight polyethylene (UHMWPE) plate	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
29	Bhaskar D., Sivakumar P., Atgur V., Lakkakula R., Paragoti L.V., Sai N.H.S.	Design of transmission system for a hybrid vehicle	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
30	Chekuri R.B.R., Ramakotaiah K., Siriyala R., Jamaleswara Kumar P.	Prediction and optimization of process parameters in die sinking EDM of Nimonic C-263 super alloy using artificial neural networks	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
31	Karwande A.H., Rao S.S.	Welding parameter optimization of alloy material by friction stir welding using Taguchi approach and design of experiments	2018	AIP Conference Proceedings	0094243X
32	Konda J.R., N.P M., Konijeti R.	MHD mixed convection flow of radiating and chemically reactive Casson nanofluid over a nonlinear permeable stretching sheet with viscous dissipation and heat source	2018	Multidiscipline Modeling in Materials and Structures	15736105

33	Singh S., Pavan C., Raghavendra, Kumar L., Janjanam N.	Enhancement of refrigeration effect using flue gases from chimney	2018	International Journal of Mechanical Engineering and Technology	9766340
34	Bhuyan R.K., Rajiv B., Lekharaju K.A.N.V., SwathiKiran M., Kumar N., Naveen Gupta K.V.R.	Optimization of process parameters in cnc plane turning lathe using matlab	2018	International Journal of Mechanical Engineering and Technology	9766340
35	Arun Kumar G., Surya S., Santhosh Naidu G.S., Rohith P., Raghuram K.	Study of mechanical and metallurgical behaviour of hybrid aluminium composite	2018	International Journal of Mechanical Engineering and Technology	9766340
36	Rao T.B., Vamsi P.K., Ram D.S., Jagadeesh M., Pilli V., Ramarao P.V.	Experimental investigation on peak temperature and tensile strength during plasma arc welding of ss-316	2018	International Journal of Mechanical Engineering and Technology	9766340
37	Kushnoore S., Anoop Varma G., Akhil K., Jathin Ch., Munish Reddy M.	Experimental investigation on mechanical behaviour of cenosphere reinforced epoxy composites	2018	International Journal of Mechanical Engineering and Technology	9766340
38	Diwakar G., Dileep R., Satya Nikhit P., Venkata sai N.H.S., Bala Krishna A.	Diagnosis of gearbox fault using acoustic signal	2018	International Journal of Mechanical Engineering and Technology	9766340
39	Dama K.K., Srinivasulu, Sai T., Swaroop, Dileep	Design for crashworthiness of an automotive sub-system using cae techniques	2018	International Journal of Mechanical Engineering and Technology	9766340
40	Hanumantha Rao Y.V., Jamuna Rani G., Sri Krishna Kalyan B., Avinash V., Narendra C.H., Ravi Kiran I.	Experimental investigations on performance and emission characteristics of a direct injection diesel engine using canola oil biodiesel with exhaust gas recirculation (EGR)	2018	International Journal of Mechanical Engineering and Technology	9766340
41	Bhuyan R.K., Kumar Akula P., Chivukula G.R., Sai B.M.	Comparative study of the machining characteristics of EN24 and hardened EN24 during cnc turning	2018	International Journal of Mechanical Engineering and Technology	9766340
42	Baburaja K., Rao T.B., Ganapathy R.S., Yadavalli A.	Parametric modeling and optimization of kerf width during wedm of al359/sicp composite	2018	International Journal of Mechanical Engineering and Technology	9766340
43	Rao T.B., Goutham Karthik M.S.V.S., Raviteja Ch.K.S., RajaSekhar Reddy G., Sravan Kumar Reddy N., Shanmukha Prasad V.	Microstructural and mechanical properties of AL6061/GR composites processed through stir casting	2018	International Journal of Mechanical Engineering and Technology	9766340
44	Arun Kumar G., Naveen Y.D.S.S., Pavan Kumar G., Srinu Kameshwara	Effect of thin film coating in arc welding of low carbon steel	2018	International Journal of Mechanical Engineering and Technology	9766340

	Rao P., Siva Sai Manohar R.				
45	Raveendranath R., Santhosh kumar R., Ramya K.	Flow characteristics of impinging jets	2018	International Journal of Mechanical Engineering and Technology	9766340
46	Gupta S., Datla S.V., Sekhar C.P., Shareef N.A.	An experimental investigation on a36 carbon steel in submerged arc welded joints	2018	International Journal of Mechanical Engineering and Technology	9766340
47	Murty A.S.R., Teja K., Naveen S.	Lathe performance monitoring using iot	2018	International Journal of Mechanical Engineering and Technology	9766340
48	Murali G., Sandeep G., Hari N., Praveen M., Neeraj B.	Experimental studies on solar aluminium can air heater with and without latent heat storage	2018	International Journal of Mechanical Engineering and Technology	9766340
49	Ramanujam T., Devai H.P., Gopi M., Shanmukh R., Chakravarthy K.P.K.	Porosity studies on electron beam welding of copper alloys	2018	International Journal of Mechanical Engineering and Technology	9766340
50	Dama K.K., Surya S., Babu C., Pavan, Kiran R.	Modal analysis of an automotive subsystem using cae techniques	2018	International Journal of Mechanical Engineering and Technology	9766340
51	Satyanarayana G., Narayana K.L., Boggarapu N.R.	Numerical Simulations on the Laser Spot Welding of Zirconium Alloy Endplate for Nuclear Fuel Bundle Assembly	2018	Lasers in Manufacturing and Materials Processing	21967229
52	Teressa T., Visal G.G., Sai Ram P., Srimani Kumar M.	Experimental analysis on francis turbine at full load to determine the performance characteristics curves	2018	International Journal of Mechanical Engineering and Technology	9766340
53	Sathyaraj S., Venkatesan K., Srikanth J.	Fabrication of aluminium 6061-SiC-Al ₂ O ₃ mmc and hmmc by stir casting technique and comparing the mechanical properties	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
54	Chakravarthi K.V.A., Koundinya N.T.B.N., Narayana Murty S.V.S., Sivakumar D., Nageswara Rao B.	Optimization of Hot Workability and Control of Microstructure in CF250 Grade Cobalt-Free Maraging Steel: An Approach Using Processing Maps	2018	Metallography, Microstructure, and Analysis	21929262
55	Raj K.A., Arunkumar M.P., Kanigalpula P.K.C., Karthikeyan M.	Tribological and vibrational characteristics of AISI 316L tested at elevated temperature and 600 Torr vacuum	2018	Defence Technology	22149147

56	Narasimha Rao K.V., Prudhvi T., Sai Tarun Krishna Kumar P., Guru Venkata Sai V., Kalyan Chakarvarthi K.	Design of a hydraulic rover for different planet terrains	2018	International Journal of Pure and Applied Mathematics	13118080
57	Bharat Satya Kumar Y., Kalyan Chakravarthy Y., Paladagu R.P., Venkatesh R., Srinath A.	Development of force plate for prosthetic applications interfacing with internet of things	2018	International Journal of Engineering and Technology(UAE)	2227524X
58	Santhosh Kumar V., Sai Charan K., Siva Kumar D., Siva Sampath S., Kalyan Chakravarthy Y., Srinath A.	Design, analysis and development of force plate for Prosthetic application	2018	International Journal of Pure and Applied Mathematics	13118080
59	Bhaskar D., Phani Ram M., Mahidhar Samba Reddy T., Sudheer Kumar D., Bala Subramanyam P.N.V., Naveen J.	Structural and thermal analysis of an automobile chassis subjected to impact load	2018	Journal of Advanced Research in Dynamical and Control Systems	1943023X
60	Balasubramanyam P.N.V., Raviteja C.K.S., Shivamkumar, Lalithadevi S.N.	Design & improvement of diesel locomotive brake hanger	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
61	Krishna D., Chakradhar R., Abhishek N.S.D., Sai Kumar T.J.V.T.P., Bala Subramanyam P.N.V.	CFD analysis of back pressure on royal enfield exhaust pipe	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
62	Yedukondalu G., Patnaik S., Venkatesh P.L., Jagadeesh S.S.	Chest compression with 2-DOF parallel manipulator for cardiopulmonary resuscitation	2018	International Journal of Engineering and Technology(UAE)	2227524X
63	Sudhabindu B., Ramarao P.V., Uday Kiran C.	The effect of thermal cycling on the mechanical properties of jute fiber reinforced by E-glass fiber composites	2018	International Journal of Engineering and Technology(UAE)	2227524X
64	Somasundar A.V.S.S., Yedukondalu G., Subhani S.K., Azgar S.K., Srinivas Y., Ganneshwar G.	Mini paddy crop cutting and straw separation rover	2018	Journal of Advanced Research in Dynamical and Control Systems	1943023X
65	Panjagala H., Rohit Madhukar E.L.N., Ravi Kiran I., Shashank V., Bharadwaj S.V.	Aerothermodynamic topology optimization of hypersonic re-entry vehicle with aerospike by using CFD	2018	International Journal of Mechanical Engineering and Technology	9766340

66	Rao P.K.V., Raghukumar B., Sudheer Kumar B., Phanindra Swamy G., Ganga Raju Y., Khan P.S.A.	Investigation of flexural and impact strength of carbon nanotube reinforced AA7075 metal matrix	2018	International Journal of Engineering and Technology(UAE)	2227524X
67	Kumar G.N.S., Srinath A.	Exploration of accelerating moving walkway for futuristic transport system in congested and traffical areas	2018	Journal of Advanced Research in Dynamical and Control Systems	1943023X
68	Ram Prasad A.V.S., Ramji K., Raghu Kumar B.	Study of wire-electrical discharge machining parameters of titanium alloy by using taguchi method	2018	International Journal of Engineering and Technology(UAE)	2227524X
69	Suresh G., Narayana K.L., Kedar Mallik M., Srinivas V., Jagan Reddy G.	Processing & characterization of LENS [®] deposited Co-Cr-W alloy for bio-medical applications	2018	International Journal of Pharmaceutical Research	9752366
70	Dutta O.Y., Nageswara Rao B.	Investigations on the performance of chevron type plate heat exchangers	2018	Heat and Mass Transfer/Waerme- und Stoffuebertragung	9477411
71	Yedukondalu G., Thakare M., Anvesh V., Hokesh Reddy R., Cheetri A.	Scheduling and control of parts in FMS industry	2018	International Journal of Engineering and Technology(UAE)	2227524X
72	Durga Rajesh K.V., Krishna Akhil G., Teja Kumar A., Vivek K., Radha Krishna B.	An effective similarity based sheep flock heredity algorithm to anticipate number of cells	2018	Journal of Advanced Research in Dynamical and Control Systems	1943023X
73	Kamitkar N.D., Kiran A.S., Santosh B., Srinivas A., Rajesh N.	Performance investigation and exhaust analysis of C.I engine fuelled by diesel mixed with jamun seed powder and jack fruit seed powder	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
74	Sapre G., Atgur V., Kushnoore S., Kamitkar N., Bhaskar D.	CFD analysis on bubble growth and bubble departure in pool boiling	2018	International Journal of Mechanical and Production Engineering Research and Development	22496890
75	G.Murali	A Study of Reversing Valve Performance In Split Type Air Conditioner	2018	<i>International Journal of Mechanical Engineering and Technology (IJMET)</i>	0976- 6359
76	G.Murali	An experimental study of updraft Biomass Gasifier using biofuels	2018	<i>Ecology, Environment and Conservation, EM International</i>	0971- 765X

Research Groups and their activities :

Research Clubs and Activities :

Launching the official website of Team Vanquishers by Dr.A Srinath Professor and Head department of mechanical engineering(KL Deemed to be University, students team of Mechanical Engineering ,ECE and EEE) for Hybrid Vehicle Challenge organised by ISIE India 2018. Per

RESEARCH GROUPS ACTIVITIES :

Research Clubs and Activities

Launching the official website of Team Vanquishers by Dr.A Srinath Professor and Head department of mechanical engineering(KL Deemed to be University, students team of Mechanical Engineering ,ECE and EEE) for Hybrid Vehicle Challenge organised by ISIE India 2018. Per virtual of this event will be held on 22-23 July 2018 at KL Deemed to be University for all teams from all over South India.



Co-curricular Activities (Central Level Clubs and Association Activities)

- KLU Mechanical Department has created a platform for students to celebrate their passion. Eleven Non-technical and Seven Technical student activity Clubs are being formed to develop the student thought process and groom accordingly, with more yet to be formed each Semester. All the cultural events will henceforth be routed through MESA with the consent in Mechanical

- "Aloha" - an event poster launched by Dr.A Srinath ,Professor & Head at Department of mechanical engineering. Dr.S S Rao Additional Head & Professor ,Mr.K Someswar Rao Assistant Professor were present during the event.



Extra Curricular Activities (Central Level Clubs and Association Activities)

Department Of Mechanical Engineering , K L E F has organized ethnic day on UGADI festival.Dr.K Subba Rao Principal –COE , KLEF; Dr.A Srinath Professor & Head,

Mechanical Engineering Department; Dr. K L Narayana Dean R&D were present and wished on the event.

ENTREPRENEURSHIP/INNOVATION



Department of mechanical engineering has hosted second phase of start up scheme , launching program by Indian Oil Corporation Ltd (IOCL) on 28th June 2018 .IOCL has also entered into an MoU with K L Deemed to be University , Department of Mechanical engineering for training and skill development of students. Dr.Rama Kumar, Director R&D, Mr.Gopal Rao, Chief general manager operations and Dr.A Srinath Professor and Head were present during the event.



KL Deemed to be University Department Of Mechanical Engineering organised summer internship program for one week on Hybrid and Electric vehicles organised by trainers looped by Ezenith from Mercedes Benz, Rolls Royce and other market leaders in automobile and bike manufacturers in the world

PATENTS/TECHNOLOGY TRANSFER

Research Patents obtained and Applied.

<i>S. No</i>	<i>Name of the patents</i>	<i>Name of the Principal Investigator</i>	<i>Name of the Co-Investigator</i>	<i>Date of application</i>	<i>Published or not</i>
1	Antimicrobial Cleaning Sponge	Dr K V Narasimharao		20/3/2017	
2	Online e-commerce platform to connect local retailers	Dr K V Narasimharao		20/3/2017	
3	Device and Method for Genertating Hydraulic Prosthetic Knee Monements	Dr A Srinath	Dr Y Kalyan Chakravarthi		31-03-2017
4	Renewable energy system for vehicles	K.Someswar Rao	Dr.P.J.Kumar	27/04/2018	

Total 326 students of mechanical engineering students have been placed in various multi national companies

S No	Name of Company	Number of Students Palced	S No	Name of Company	Number of Students Palced
1	TechnipFMC	2	16	Study Springs	17
2	Infosys Technologies	19	17	ROCKWELL	12
3	Wipro Technologies	3	18	Nalsoft Technologies	2
4	Printers Den	5	19	HGS	30
5	Sumangalam Aluminium	11	20	Cyient	10
6	Hyundai Mobis	1	21	SUTHERLAND	4
7	Amara Raja Group	2	22	Redington	10
8	OMICS	21	23	Photon Infotech	1
9	Optomech	3	24	Hyundai Motor(R&D)	8
10	Envision Intelligence	4	25	RaamGroup	3
11	Agastya Automotives Pvt Ltd	3	26	Transpack	18
12	KEELINE	3	27	Vertex	30
13	Westline Shipping Pvt Ltd	37	28	KJ Systems	1
14	Vaish Industries	3	29	KONICA MINOLTO	2
15	AllSec Technologies	60	30	CTS	1

DEPARTMENT LEVEL ACTIVITIES

CONFERENCES

- **Dr. G Murali, Professor & Dr.N Tamiloli**, Associate Professor of Mechanical engineering department have attended international conference ICAMME -2018 held at Sri Venkateswara college of engineering-Sri Perumbudur on 4th to 5th May 2018 and presented a paper titled "Studies of mechanical properties of sisal and jute fiber hybrid sandwich composite".
- **Dr. G Murali**, Professor of Mechanical Engineering Department has presented paper in National Conference on RTDME-2018 held at Anand Institute Of Higher Technology during 1st and 2nd March 2018.
- **Mr. R Santosh Kumar**, Assistant Professor department of Mechanical Engineering has presented paper titled "Increasing the composite bonding with coconut fiber as alternate in polypropylene matrix" at national conference on ADVANCED MATERIALS FOR AUTOMOTIVE APPLICATIONS held at Siddharth Institutions –Puttur on 9th March.
- **Dr. N Tamiloli**, Associate Professor of Mechanical engineering department have attended international conference ICAMME -2018 held at Sri Venkateswara college of engineering-Sri Perumbudur on 4th to 5th May 2018 and presented a paper titled "A comparative study on microhardness and wear of uncoated and coated milling inserts".
- **Dr. N Tamiloli**, Associate Professor of Mechanical engineering department have attended international conference ICAMME -2018 held at Sri Venkateswara college of engineering-Sri Perumbudur on 4th to 5th May 2018 and presented a paper titled "Implementation of 5S and overall equipment efficiency of machining of HSK-A63 tool holders in CNC machine".

WORKSHOPS/SEMINARS /GUEST LECTURES

- **Dr.K Ramakrishna** Professor department of Mechanical Engineering has participated in one day workshop on 4th April 2018 conducted by times Higher Education and AP state council for higher education, on world university ranking data reputation masterclass at Guntur.
- **Mr. M B S Sreekara Reddy** Associate Professor, Department Of Mechanical Engineering has participated in the National Workshop on The Art Of Publishing, Writing Thesis and Project Proposal Organised by central library jointly with R&D and Academic staff college KLEF.Guntur district.
- **Dr. Rajesh Kumar Bhuyan**, Associate Professor Department Of Mechanical Engineering has participated

in AICTE QIP one week short term course on RECENT ADVANCES IN MACHINING PROCESSES from 7th May to 12th May 2018 Organised by department of production engineering, Veer Surendra Sai University Of Technology Burla, Odisha.

- **Mr.R Santosh Kumar**, Assistant Professor department of Mechanical Engineering has participated at the DST_SERB Sponsored two days national workshop on "ADVANCED MATERIALS FOR SAFETY AND RELIABILITY OF AUTOMOBILES IN INDIAN CONDITIONS" held at Siddarth Institute Of Engineering & Technology, Puttur.
- **Mr. Vinay Atgur**, Assistant Professor, Department Of Mechanical Engineering has participated in the workshop on CFD: Traditional Finite Volume Techniques organized by IIT Dharwad during 11th-15th June 2018.
- **Mr. Jayanth Ivvala**, Assistant Professor, Department Of Mechanical Engineering has participated in the course ADVANCED SCIENTIFIC PROCESS PLANNING during 7th -11th May 2018 held at NIT Mizoram.
- **Mr.Pritam Kumar Das and Mr.Nitin Dattatreya K**, Assistant Professor, Department Of Mechanical Engineering have attended

INDUSTRY RELEVANT TRAINING / VISITS



Second year students of Mechanical Engineering Department have visited Dr NTTPS (VTPS) –Vijayawada and G S Alloys Surampalli as a part of academic Industrial Visits

FACULTY ACHIEVEMENTS

- **Arunkumar M P**, Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from NIT,Karnataka.
- **D Kirankumar**, Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from NIT,Warangal.
- **M.Nageswarao**, Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from JNTU Kakinada.

- **Y Kalyan Chakravathi** , Associate professor department of mechanical engineering has successfully completed his Ph.D viva- Voce and awarded doctoral degree from K L E F- Vaddeswaram ,Guntur District.

STUDENT ACHIEVEMENTS / EXTERNAL PARTICIPATION

- Mr.Lokesh Chavan 1st year student of mechanical engineering got certificate of winner for Indiaskills south 2018 in the skill category MOBILE ROBOTICS organized by National skill development corporation under ministry of skill development & enterprenurship held at Bangalore International Exhibition centre ,Bengaluru.
- A. Mani Krishna, P. S. Raju, M. Indu and Y. Jayanth of 3rd year mechanical engineering students got shortlisted for state level world skill competition .

Projects/models/research: Final year students of mechanical engineering have successfully completed 110 academic projects out of which 70 project papers are published in scopus indexed journals and remaining are unde review.

ACADEMIC STAFF COLLEGE ACTIVITIES.

- Dr. P Issac Prasad, Dr.G Murali, Dr.N Tamiloli, Dr.T Anupkumar, Dr.D Kirankumar faculties of Mechanical engineering department have attended 3 days Induction programme conducted by Academic staff college.
- Mr.R Santoshkumar ,Asst.Professor Mechanical engineering department participated in 13th faculty skill enhancement program organized by Academic staff college from 29th March 2018 to 31st March 2018.

NSS / NCC / SOCIAL SERVICES / CEA ACTIVITIES



- On behalf of K L University Mechanical Engineering students we visited revendrapadu villages(revendrapaadu) on 07/03/18.for motivating the school students to save the power, in that event mechanical NSS students are participated and they have explained about the importance and utility methods for saving the power.
- NSS cell of Mechanical engineering department has organised personality Development programme with

famous psychologist Dr. Sudheer Kumar Sandra on 15/03/2018.

- As per instructions of Department head, NSS cell of mechanical engineering department, has arranged



campus visit for 420 students, out of 420 students 130 students from CHIGURU orphanage home and rest of them from Revendrapadu high school, all the students are visited our campus on the occasion of national level fest Samyak on 23/03/2018.

- On behalf of K L University Mechanical Engineering NSS CELL celebrated world earth day on 22-04-2018 on this



auspicious occasion we mechanical department faculty and students were participated in the programme , principal dr.K.subbarao garu also participated in the programme .and the event pics are shown below.



SPORTS

- Mr. Sumanth , Mr.A L N Sai Kumar and K. K Srinath of final year mechanical engineering students got first place in Kabaddi game held at NIT Warangal from 29th March 2018 to 01st April 2018.
- Mr.Md.Imran of final year ,Mr.Abdul Kareem of 2nd year and Sk Hafeez of 1st year Mechanical engineering department got 1st place in Cricket held at SRM Sports Fest Cricket (Men) Tournament held at Guntur from 16.03.2018 to 17.03.2018.
- Mr.G Lokesh Kalyan & Mr. P Bhanu Sai of final year , Mr.V Akhil of 1st year Mechanical engineering department got 2nd place in Basket Ball held at SRM Sports Fest Cricket (Men) Tournament held at Guntur from 16.03.2018 to 17.03.2018.
- Siva Shanker Naidu of final year mechanical engineering got 1st place in Volley Ball game held at SRM Sports Fest Cricket (Men) Tournament held at Guntur from 16.03.2018 to 17.03.2018.
- Mr.K V Raghav, D Sai Venkata Siva Kumar and N Revanth Sai Venkat of final year; Mr.H T Sreyas and H Sanjeev of 1st year mechanical engineering got 2nd place in football game held at SRM Sports Fest Cricket (Men) Tournament held at Guntur from 16.03.2018 to 17.03.2018.
- Mr. A Hari Krishna of final year mechanical engineering got 2nd place in Powelifting (93 kg) at Sub Junior State Power Lifting Champion Ship Held at Swarna Bharathi Indoor Stadium, Vishakapatnam.from 26-5-18 to 27-5-18.

NEWS PAPER CLIPPINGS:

Dr. A Srinath Professor and Head Department of Mechanical Engineering, article published at all India level in Financial Express, on 25th May 2018. Highlighting the core engineering branches and future job avenues available for these core engineering branches in future (2022-23).It also highlights what is being done by at at KL Deemed to be University in core engineering branches for ensuring high salaries jobs to our students of these branches.

SKY IS THE LIMIT FOR CORE ENGINEERING OPTIONS

Mechanical, Civil & Electrical Engineers enjoy prospects like never before

KL UNIVERSITY, officially the Koneru Lakshmaiah Education Foundation, is a deemed university located at Vaddewaram in Guntur district of Andhra Pradesh. KLU, a pioneering institution offering Academics and Research in Engineering, Science & Technology, Architecture and Management, is endowed with high-end infrastructure and a highly experienced faculty, besides its renowned Centre for Innovation, Incubation and Entrepreneurship (CIEE).

It envisions fostering innovation-driven entrepreneurship through incubation, in keeping with KLU University's vision of becoming a global university. CIEE is comprised of a Centre for Innovation which aims to inculcate a spirit of innovation; Centre for Incubation (CIB) which aims to back the innovations through product development, services or process development and commercialisation; and Centre for Entrepreneurship (CEEC) which aims at fostering entrepreneurial skills among students.

HUB OF STARTUPS @ KLU
There are many start-ups initiated by KLU University students such as Tech-Startline, POPPLE- Skill Development, Ichuwaala (www.ichuwaala.com), Tom Metri Solutions, Repair Kartiga, Printokart.Com, Traxelsoft, House Dekho, Mentor's Remedies, Pran Rakshak, Smart Green, Hangarbee, CookTag, Triton, Femina, MacSahel, Smart Transport, HD Food Services, Opdence and Beverly Bio-Tech.

While mechanical engineering has been used since ancient times, the field of Mechanical Engineering came into existence during the 18th century. The field has seen humongous development incorporating advancements in technology.

Role of Mechanical Engineers in Industries: Mechanical engineers create and build mechanical devices. They apply the fundamentals of science and maths to create practical, useful solutions that the rest of us can use. The mechanical engineering field is diverse.

KLU'S DEPARTMENTS HELP STUDENTS BUILD A BRIGHT CAREER



Dr. A Srinath
Head - Mechanical Engineering,
KLU Deemed to be University,
Vaddewaram, Guntur

Some of the most common functions related to mechanical engineering are as follows: Product design — a mechanical engineer designs anything that uses mechanical motion to develop products useful to mankind; Research and development — a mechanical engineer also discovers and improves methods for human needs; Manufacturing — Mechanical engineers develop machines that process materials into products; Design machines — they design and build machines and systems of machines that improve efficiency and yield quality products with minimum cost; System management — they also supervise and oversee the operations of large systems like power plants, among others.

The future scope of mechanical engineering: There is huge demand for skilled mechanical engineers in India as well as in US, UK, Canada, Germany, Russia, Netherlands, Singapore, Malaysia and the Gulf countries. The expertise of a mechanical engineer is required in manufacturing industries like Automobiles, Aviation, Design, Robotics, etc. Due to advances in technology, the skills of a mechanical engineer are also sought in fields such as Mechatronics, Artificial Intelligence, Machine Learning, Nano-technology, Biomedical engineering, and energy conservation. According to reports, growth in this industry within the next few years will make mechanical engineering the highest paid career option.

Career options for a mechanical engineer
Mechanical engineers can work in industries like thermal power plants, gas turbines, oil, refining, agriculture, education, aviation, automobile, armed forces, pharmaceutical, as also IT and ITES services.

What are the job roles for a mechanical engineer? Automotive engineer, Biomedical engineer, Consulting Heating, ventilation, and air conditioning (HVAC) engineer, Nuclear engineer,

such more competent than any other CSE graduate. This is the main reason why students of Mechanical Engineering at KL have been getting easily placed in IT companies like Infosys, TCS, Wipro, CTS, Satyam Vintages, Tech Mahindra, Virtusa, Google etc since 2008. This tradition is going to be further boosted owing to a novel specialisation introduced by the Mechanical Engineering Department at KL Deemed to be University for 2018-admitted B.Tech students, who can expect pay packages ranging from ₹5.5-8.00 lakh during the 2022-23 placement season, when they enter the job market.

Robotics engineer, Teacher. Mechanical engineers can find employment at virtually any institute where innovation takes place. They commonly work in the government, research, industry, military, teaching, management and consulting sectors, as also IT and ITES sectors (software). Industries/companies which hire mechanical engineers are: automobile and auto part manufacturers, aerospace industry, various government sector undertakings, aviation companies, steel plants, thermal plants and gas turbine manufacturers, air-conditioning and refrigeration industry, shipping industry, engineering consultancies, armed forces, among others.

In the state of Andhra Pradesh, Mechanical engineers have a huge scope owing to the presence of new automobile major like KIA Motors, Hero Moto Corp, Ashok Leyland, as well as over 33 MNCs established at Sri City over the past few years.

Mechanical Engineers now also enjoy huge prospects for IT and ITES jobs (software jobs) owing to the automation and robotic intervention in these industries. At KL, a specific skill-based elective to suit the job role of mechanical engineers for future "Soft Computing and Data Analytics" has been offered, wherein students of mechanical engineering get hands-on training in Robotics, Automation, Artificial Intelligence, Machine Learning, Data Analytics and Fuzzy Logic, and IoT, making them



KL University - Pioneers in Innovation, Research, and Quality Education



KL Deemed to be University established as K. L. College of Engineering in the academic year 1980-81, and declared as an Autonomous Engineering College by DUCO in 2008 and as a Deemed to be University in 2009 by MHRD, Government of India. It has been awarded highest NAAC grade of 'A' with 2.76 CGPA on a point scale as an Autonomous College in 2016 and again in 2017 as a Deemed to be University. It has been awarded A Grade by NAAC. Since 2018 it has been working towards ranking at all India level by the NCFE - MHRD, Government of India and in 2018 it has been ranked at 40th rank at all India level under "Engineering category" and 40th rank under "Business Schools" category.

K. L. Deemed to be University has well established campus with state of the art buildings and cutting edge laboratories and is spread over 150 acres of prime land, green campus at Madduram, which is just 6 Km away from Vijayanagara (Anantapur) the capital city of Andhra Pradesh. It has established its off campus in the year 2017 at Hyderabad in a campus of 60 acres with all needed infrastructure facilities and state of the art laboratories.

K. L. Deemed to be University houses, the best in class Research centres, established through the funding for Research undertaken by its faculty members, with a net worth of INR 150 Crores from various Government of India Funding agencies like DST, IIT, UGC, AICTE, SERP, HRD, etc. It also has 26 Industry Collaborative centres established on campus, in association with Industries like Marudat, Oracle, IBM, Adobe, Autodesk, Alcatel, NDA,



SAP, Cyient Technologies etc. This institution has 18 Centers of Excellence, established as part of Skill Development initiatives, through its collaboration with National Skill Development Corporation (NSDC) and APSSDC, wherein India made skill development programs and courses are offered to its B.Tech. students of Mechanical Engineering, Electronics and Communication Engineering and Computer Science Engineering in various domains like Automobile Engineering, Robotics & Mechatronics, Engineering Design, Product Design & Life Cycle, Strategic Manufacturing, Data Analytics, VLSI Embedded Systems, Artificial Intelligence, Cloud Computing etc.

K. L. Deemed to be university has an elite backbone of 148 faculty of which 68 faculty are Ph.D. degree holders, and undertake cutting edge research in latest and futuristic areas of research in their respective domain areas of specializations as well as multi-disciplinary domain areas of research. K. L. Deemed to be University has more than 400 papers in SCOPUS and ISI journals published

by its faculty through their research outcomes and has an h-index of 32.

K. L. Deemed to be university takes specific care and aspects holistic education and growth potential to its students through its Fully Flexible Choice Based Credit System in all its programs on offer. It has adopted and successfully implemented the Outcome Based Education since 2010 for all its UG and PG programs. This institution, imparts complex problems solving skills and abilities to its students through its innovative teaching-learning pedagogies like Capstone Projects, Case Study projects derived from relevant industries as part of all its core courses right from the first year to Final year courses at both UG and PG levels.

K. L. Deemed to be University gives due emphasis to communication skills and soft skills with tailor made courses at six different levels for its UG students and 3 levels for its PG students. This institution provides high exposure to social service and social responsiveness and equips each of its students to get established with various societal issues and problems and provide viable solutions to those problems through the technological innovations undertaken by students and faculty collaboratively. It has adopted 20 villages in its near vicinity and is undertaking the process of transformation of these villages into Smart Villages through its own funds and initiatives and selective technological research interven-



Dr. K. Venkata Sathyavandana, President

tion by its faculty and students. K. L. Deemed to be University houses, one of the best sports, games facilities in the country and has been making records at national and international levels through various competitions won by its students in sports and games. It houses state of the art Gym separately for both boys and girls with personal physical trainers. It has a world class Indoor Stadium, Yoga and Meditation facilities for stress relief of its students and faculty. It also houses 22 different hobby clubs with all needed activities and equipment for its students to practice their chosen of hobbies and share in their hobbies equally along with academics.

Placements at K. L. Deemed to be University have been maintained 100% right from 2008 till date. In all the placement oriented students, in 2017-18 it has attained another record of placing students with highest annual per package of INR 20 Lakhs in B.Tech, and average per package for its B.Tech. students is INR 8.60 Lakhs per annum. It provides placement opportunities to both IT/ITCS as well as Core Companies for its B.Tech. students, and at various IT/ITCS and Banking. Financial administration companies for its business school students.

This institution has Center for Innovation, Incubation and Entrepreneurship (CIIE) funded by Government of India through its DST-Technology Business Incubator Program, and 36 different startups have been established by its students and alumni since 2012 till date and of them 18 have become self-sustained as on date. This institution provides all needed technical, research, financial and space support for its students coming forward with ideas to start their own business.

PROGRAMS OFFERED BY K. L. DEEMED TO BE UNIVERSITY ARE:

B.Tech. in CSE, ECE, Mechanical Engineering, EEE, Electronics and Computer Engineering,



KL Department of Mechanical Engineering, which is going to be further amplified owing to this innovative and novel specialisation. Mechanical Engineering Department at KL Deemed to be University for 2018 admitted B.Tech. Mechanical Engineering students, where its expected per package per annum are INR 15.5 Lakhs to INR 20.0 Lakhs during 2022-23 placements season, when this 2018 admitted batch enters the job market.

Dr. A. Srinath
Head
Mechanical Engineering



Civil Engineering and Its Technology, with 22 different specializations options to choose from by its students.

M.Tech. programs in all Engineering departments with 36-different specializations.

BBA, MBA, LL.B, B.Com (Hons), BFA, B.Ed., B.Arch., B.Pharm., M.Sc. in Physics and Chemistry MA (English), M.Phil.

Ph.D. in Engineering in all its Engineering departments, Management, Sciences, Mathematics, Humanities.

For further details contact:

KL University
Green Fields, Madduram, Guntur District
Phone :- 0864 - 2577783
0864-2399999
www.kluniversity.in





FACULTY ACHIEVEMENTS

- Prof. Vijayan Gurumurthy Iyer, PROFESSOR, Dept of Civil Engineering is Nominated as Member - INTERNATIONAL SCIENTIFIC COMMITTEES for INTERNATIONAL CONFERENCE ON COMPUTER, COMMUNICATIONS AND NETWORK ENGINEERING(CCNE2018) and 2nd International Conference on Applied Mathematics, Modeling and Simulation (AMMS2018) and also as General Chair of 2018- 3 rd International Conference on Electrical, Automation and Mechanical Engineering (EAME2018)
- Prof. Vijayan Gurumurthy Iyer, PROFESSOR ,Dept of Civil Engineering published a research article entitled "Strategic Environmental Assessment (SEA) Process Towards Sustainable Construction Management Development for the Electrical, Automation and Mechanical Engineering Construction Industries to Achieve Business Excellence", In the Proceedings and Abstract Book of the 2018 3 rd International Conference on Electrical, Automation and Mechanical Engineering (EAME2018)

RESEARCH ACTIVITIES

Research Publications

1. Optimization of Urban Public Transportation System in Vijayawada - A Case Study" International Journal of Engineering & Technology Volume 7 , Issue 2.7, April 2018, PP. 63-68, Hemantharaja Kommineni.
2. A Study on Volume, Speed and Lane Distribution of Mixed Traffic Flow by Using Video Graphic Technique" International Journal of Engineering & Technology Volume 7, Issue 2.1, April 2018,PP. 59-62, Hemantharaja Kommineni.
3. AN ANALYTICAL APPROACH FOR ASSESSING THE CONSTRUCTION AND DEMOLITION WASTE IN CONSTRUCTION INDUSTRY BY USING STANDARD PRACTICES" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 3, April 2018, PP. 475-488, Y. Sreekanth Reddy, K. Mahindra ,SS. Asadi
4. Evaluation of reducing waste materials in construction projects using ranking analysis" International Journal of Civil Engineering and Technology, Volume 9, Issue 3, April 2018, PP. 831-838, Sayed, B., Asadi, S.S., Venkatesh, K.
5. Experimental Study on High Strength Concrete by Partial Replacement of Fine Aggregate by Ceramic Tile waste" International Journal of Engineering & Technology, Volume 7, Issue 2.12, May 2018, PP.443-445, S. Dhanasekar, S. Vinothraj, P.T. Ravichandran , A. Aravindan
6. AN ANALYTICAL APPROACH FOR IDENTIFICATION OF UNCERTAINTITES AND PRIORTIZING THE FACTORS CAUSING UNCERTAINTITIES IN CONSTRUCTION INDUSTRY USING RELATIVE IMPORTANCE INDEX (RII)" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP.771-783, T. Ganesh Anurag, D. Satish Chandra, SS. Asadi
7. A STATISTICAL APPROACH FOR RANKING OF FACTORS IMPACTING THE TIMELINE OF RESIDENTIAL CONSTRUCTION PROJECTS USING IMPORTANT INDEX METHOD (IMPI)" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP.1073-1081, A. R. S. Sri Susmitha, K. Hemantha Raja, SS. Asadi
8. COMPARATIVE STUDY ON VARIATION OF PHYSIO-CHEMICAL PARAMETERS OF EFFLUENTS FROM VARIOUS INDUSTRIAL AND RESIDENTIAL ZONES" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP. 1010-1015, N. Sree Navya, SS. Asadi
9. EFFECT OF FLY ASH AND RICE HUSK ASH ON MODULUS OF ELASTICITY OF CONCRETE" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP. 700-704, T. Sricharan and I. Siva Sai Pavan Kumar, P. Poluraju
10. WASTE PLASTIC UTILIZATION IN BUTUMINOUS MIX FOR REPLACEMENT OF BINDER - A MODEL STUDY" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP. 475-486, E.Rohit Sai and K.Venkata Ratnavali, D.Satish Chandra, SS.Asadi
11. EVALUTION OF TERRAIN CHARACTERISTICS FOR SUSTAINABLE UTILIZATION OF RESOURCE IN URBAN ENVIRONMENT: A MODEL STUDY FROM HYDERABAD" International Journal of Civil Engineering and Technology (IJCIET), Volume 9, Issue 5, May 2018, PP.94-102, Sunil, SS. Asadi, Reddy SRK

DEPARTMENT ACTIVITIES:

Smart Villages Adoption Campaign – SABJAPADU VILLAGE

On 21st of May 2018 the faculty and student team of SABJAPADU village, Mylavaram Mandal and divided into teams, visited the main streets and interacted with some of the people. They have identified some of the major problems faced by villagers as follows 1) water tank and drinking water problem 2) drainage 3) roads 4) toilets and sorted out problems by discussing various Government Schemes and their utilisations. Ganesh Anurag, D. Satish Chandra, SS. Asadi



CONSULTANCY WORKS

Consultancy Tests Conducted In Our Department for Different Clients from the Period April 2018 to June 2018

S. No.	Name of the Client	Tests
1	SAMRUDHI NEXA,PHATUR	Testing on Concrete cubes
2	SAMRUDHI NEXA,PHATUR	Testing on Concrete cubes
3	SIRI BUILDERS & DEVELOPERS	Testing on Concrete cubes
4	VSS CONSTRUCTIONS	Testing on Steel
5	SRI DURGA FLY ASH BRICK INDUSTRY	Testing on Fly Ash Bricks
6	SRI ADINARAYANA FLY ASH BRICK INDUSTRY,MANGALAGIRI	Testing on Fly Ash Bricks
7	SRI VENKATA TRIVENI FLY ASH BRICK INDUSTRY,YARRABALEM	Testing on Fly Ash Bricks
8	M/S KUMAR FLY ASH BRICKS,MANGALAGIRI	Testing on Fly Ash Bricks
9	M/S KUMAR FLY ASH BRICKS & TRADERS,ATMAKUR	Testing on Fly Ash Bricks
10	SRINIVASA EDIFICE Pvt.Ltd.	Testing on Bllast
11	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
12	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
13	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
14	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
15	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
16	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
17	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Cement
18	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Cement
19	S.VENKATESWARA RAO ,TENALI	Testing on Steel and M30 Concrete Design Mix
20	R.YADUKONDALU,HPCL	Testing on Concrete cubes
21	EXECUTIVE ENGINEER,CWC,VISHAKAPATNAM	Testing on Fne Aggregate (Sand)
22	CONCRETE & LIMELIGHT INFRA PROJECTS.LLPTADEPALLI	Testing on Fne Aggregate (Sand),Cement, Red Bricks and Steel
23	RAMA DEVI CONSTRUCTIONS Pvt.Ltd.	Concrete design Mix M25 (2 Samples)
24	BERM PARK,APDTC,VIJAYAWADA	Testing on Concrete cubes
25	S R HOMES ,MANGALAGIRI	Testing on Steel
26	S R HOMES ,MANGALAGIRI	Testing on Steel
27	VNS READY MIX ,KOLANUKONDA	Testing on Concrete cubes
28	BONDADA ENG Pvt.Ltd.HYDERABAD	Testing on Concrete cubes
29	M.SATHISH REDDY	Testing on Soil (S.B.C)
30	K,NARASIMHA RAO	Testing on Soil (S.B.C)
31	MODULO CERAMIC Pvt.Ltd.	Site Investigation Work at mylavaram
32	R DEEPTI,TADEPALLI	Testing on Concrete cubes
33	M.SATHISH REDDY	Site Investigation Work at Nulakapeta
34	SQUARE INFRA,TADEPALLI	Structural Vetting (Drawings)
35	CONCRETE & LIMELIGHT INFRA PROJECTS.LLPTADEPALLI	Testing on steel and Red Bricks
36	CONCRETE & LIMELIGHT INFRA PROJECTS.LLPTADEPALLI	Testing On North,East and South Concrete Shear Wall Using NDT
37	MATA AMRITA NANDAMAYI	Testing on Soil (MDD,OMC)

S. No.	Name of the Client	Tests
38	LAASYA BUILDERS.KAZA	Testing on Concrete cubes
39	LAASYA BUILDERS.KAZA	Testing on Concrete cubes
40	BHAVANAM INFRA	Testing on Concrete cubes
41	BONDADA ENG Pvt.Ltd.HYDERABAD	Testing on Concrete cubes
42	LAXMI DURGA BORE WELL WORKS	Testing on Soil (SPT)
43	LAXMI DURGA BORE WELL WORKS	Testing on Soil (SPT)
44	PRAJASHAKTHI SAHITHI SAMSTA	Testing on Concrete cubes
45	DEC INFRA PROJECTSINDIA PVT LTD.MANGALAGIRI	Testing on Materials like MS Sections
46	VENU CONTRACTOR	Concrete design Mix M20
47	BONDADA ENG Pvt.Ltd.HYDERABAD	Testing on Concrete cubes
48	BERM PARK,APDTC,VIJAYAWADA	Testing on Concrete cubes
49	HPCL,KONDAPALLI	Testing on Concrete cubes
50	R.DEEPTHI	Testing on Concrete cubes
51	DEE,VENUKONDA	Testing on Soil (SBC)
53	BERM PARK,APDTC,VIJAYAWADA	Testing on Concrete cubes
54	LAASYA BUILDERS.KAZA	Testing on Concrete cubes
55	R.DEEPTHI	Testing on Concrete cubes
56	M.NAGESWARA RAO	Testing on Soil (SPT)
57	ELEGANT PROJECTS	Testing on Concrete cubes
58	LAXMI DURGA BORE WELL WORKS	Testing on Soil (SPT)
59	LAXMI DURGA BORE WELL WORKS	Testing on Soil (SPT)
60	LAXMI DURGA BORE WELL WORKS	Testing on Soil (SPT)
61	SRINIVASA EDIFICE	Testing on Soil (Clasification)
62	C S PRAKASH,PATHUR	Testing on Concrete cubes
63	SREE KANAKA DURGA STONE CRUSHER	Testing on GSB,WMM,WBM
64	HCL,GANNAVARAM	Testing on Concrete Core samples and cement blocks
65	CONCRETE AND LIMELIGHT LLP,Tadepalli	Testing on Bricks,Sand,Water
67	SIRI BUILDERS,VIJAYAWADA	Testing on Concrete cubes
68	SANDHYA SOIL ENG WORKS	Testing on Soil (SPT)
69	SANDHYA SOIL ENG WORKS	Testing on Soil (SPT)
70	PRAJASHAKTHI SAHITHI SAMSTA	Testing on Concrete cubes
71	SAMRUDHI NEXA	Testing on Concrete cubes
72	R.DEEPTHI	Testing on Concrete cubes
73	SANDHYA SOIL ENG WORKS	Testing on Soil (SPT)
74	PRAJASHAKTHI SAHITHI SAMSTA	Testing on Concrete cubes
75	DEE,GUNTUR	Testing on Soil (SPT),SBC
76	V S ENG.HYDERABAD	Concrete Design Mix and steel
77	R YEDUKONDALU	Testing on Concrete cubes
78	R.DEEPTHI	Testing on Concrete cubes
79	PRAJASHAKTHI SAHITHI SAMSTA	Testing on Concrete cubes



DEPARTMENT OF PHYSICAL EDUCATION



NATIONAL ARCHERY CHAMPIONSHIP & ARCHERY WORLD CUP V. JYOTHI SUREKHA, 1752756 SECURED

- 1st place in 14th Compound Senior National Archery Championship held at Pune during 11th and 12th April 2018.
- 3rd Place in International Archery (compound Mixed Team) Archery World Cup Stage-1 held at China during 27th and 28th April 2018.
- 2nd Place in International Archery(Compound Women Team Event) Archery World Cup held at Turkey during 23rd to 25th May 2018
- 3rd Place in International Archery (compound Mixed Team event) Archery World Cup held at Turkey during 23rd to 25th May 2018
- 3rd Place in Archery Individual , Archery World Cup Stage-III held at USA from 19th to 25th June 2018.

KABADDI TOURNAMENT

• M.Sumanth 14007324 MECH Dept,
A.L.N.Sai Kumar 14007362 MECH Dept,
K.Uday Kumar Reddy 14005069 ECM Dept,
A.Bhanu Prakash 14002028 CIVIL Dept
K. K. Srinath 14007138 MECH Dept
N. Harish 160030965 CSE Dept,
D Manikanta 170030288 CSE Dept,
P. Yashwanth 150040669 ECE Dept,
K. Ashok 170040468 ECE Dept ,
K Srinu 1700530050 BHM Dept secured 1st Place at
National level KABADDI Tournament @ NIT WARANGAL Sports Fest held at Warangal, from 29-03-18 & 01-04-18.

STATE POWER LIFTING CHAMPIONSHIP

• A Hari Krishna 14007301 MECH Dept secured 2nd place under 93 Kg Category).
S Sri Kari 160031305 CSE Dept secured **2nd Place** under 72 KG Category.
K Hari Sainadh 170030480 CSE Dept secured **1st Place** under 120 Kg Category.
V Madhu Bhargavi 160040936 ECE Dept secured 3rd Place under 84 Kg Category.
P.Gowtham Sai 150020100 CIVIL Dept secured 3rd Place under 74 Kg Category at State Level Sub Junior State Power Lifting Champion Ship Held at Swarna Bharathi Indoor Stadium, Vishakhapatnam during 26-5-18 to 27-5-18.



Prize Distribution for student intramurals



Prize Distribution for student intramurals competitions



Prize Distribution for faculty and staff intramurals

4TH INTERNATIONAL DAY OF YOGA



- The Department of Physical Education organized the 4th International Day of Yoga on 21st June 2018. The dignitaries graced on the occasion were Smt.Koneru Siva Kanchana Latha, Secretary, KLEF. Sri Koneru Raja Harin, Vice President, KLEF, Dr.L.S.S.Reddy ,Vice Chancellor, KLEF, Dr. Habibullah khan, Dean Students Affair, Dr. K Hari Kishore Associated Dean (Sports and Games), special invitives of Disciples of Swami Ganapathi Sachidananda Swamiji. .



Certificates presentation on the occasion of International Day of Yoga to the participants



#1 RANK 2018
in Andhra Pradesh by the
Australian-based organization
uniRank

TIME'S ENGINEERING

1 RANK 2017
AP & TELANGANA

4 RANK 2017
SOUTH INDIA

8 RANK 2017
ALL INDIA

HIGHER EDUCATION

5 RANK 2017
HIGHER QUALITY
IN SCIENCE &
TECHNOLOGY

7 RANK 2017
HIGHER QUALITY
UNIVERSITIES
IN INDIA - 2017

the pioneer

5 RANK 2017
HIGHER QUALITY
UNIVERSITIES
IN INDIA - 2017

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THE WEEK

6 RANK
IN SOUTH INDIA

competition success review

7 RANK
IN INDIA