

Taurus

College News Letter

Vol. Issue: , January '21



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (Autonomous)

Approved by AICTE, New Delhi, Affiliated to JNTU-K, Accredited by NAAC and
NBA Under Tier-I (CSE, IT, ECE, EEE & MECH)

ISO 9001:2015 Certified Institution

MYLAVARAM – 521230, KRISHNA Dt., A.P

EVENTS @ LBRCE:

PH. D AWARDED:

- **Dr. K . Ravi Kumar** awarded **Ph. D** under the guidance of **Dr. P. V. Subbaiah**, V. R. Siddhartha Engineering College, Vijayawada from **JNTUK Kakinada** on 30 Dec 2020.
 - **Thesis:** Some Investigations on speech enhancement using Statistical based and NMF approaches.

PATENTS PUBLISHED:

- A patent titled by **A Machine Learning Technique to Support Decisions along with self Study of COVID Patients** is published by **Dr. Jagannath Jadhav, Dr. G. Nageswara Rao, Dr. J. Muthu Kumarn, Dr.P. Janardhan SaiKumar, Dr. Syed Mutahar Aaqib, Dr.Raghavendra R. Maggavi, Dr. Somashekhar I C, Dr. Hema Patil, Mr. Biswadit Basu Mallik, Mr. Karkun, M.Sushel M.Umarbhai** on 22 Jan 2021.

FACULTY PUBLICATIONS:

- **Dr.V.Ramakrishna, B.Dharani Mounika, M.Haritha, A.Sambasiva Rao** published a paper titled as **A Study on Air Quality Index In Mylavaram, Andhra Pradesh** in the journal **Indian Journal of Environmental Protection** in Dec 2020.
- **Dr. V. Ramakrishna, N.Saigiri, K.Chakribabu, Saliha Sultana and Dhanujay** published a paper titled as **Modeling and Prediction of Traffic Noise Levels** in the journal **IOSR Journal of Engineering (IOSRJEN)** in Jan 2020.
- **Dr. Veeraiah** published a paper titled as **DYNAMIC HEART DISEASE PREDICTION USING MULTI- MACHINE LEARNING TECHNIQUES** in the journal **5th International Conference On Computing, Communication And Security (Icccs-2020)** in Dec 2020.

- **Dr. Veeraiah** published a paper titled as **An effective face recognition system based on Cloud based IoT with a deep learning model** in the journal **Microprocessors and Microsystems** in Dec 2020.
- **Mr. Timmeswara Sarma Nori** participated in a conference named as **Cutting – edge Research in material Science and Chemistry** organized by **Manipal University, Jaipur** on the dates 11 – 12 of jan.
- **L. Bhagya Lakshmi & Dr. M. Raghuram** published a journal **Informational Journal of Scientific Research in Science and Technology** in the paper **Production , purification and characterization of extracellular Lipase from a mutated strain of Penicilium citrinium** in the year 2021.
- **Dr. Shaheda Niloufer & L. Bhagya Lakshmi** published a journal **Research Journal of Pharmacy and Technology** in the paper **In – vitro Analysis of Phytochemical, Anti – oxidant capacity of seed Ethanolic extracts of saponaria Vahl and Anti – Bacterial activity on Common Dental Pathogens** in the year 2021.
- **Radha Krishna Gopidesi, Prem kartik kumar Sr, Vallapudi Dhana Raju** have published a paper titled as **“Mitigation of harmful exhaust pollutants of DI diesel engine using emulsified fuel and hythane gas in a dual-fuel mode”** in the journal **Energy Sources, Part A: Recovery, Utilization, and Environmental Effects** (Taylor & Francis) in the year 2021.

BOOK PUBLICATION:

- **Dr.G.Nageswara Rao** published a Book/Chapter on **AI Techniques for Harmonic Elimination in Cascaded Multilevel Inverter** which is entitled as **Multidisciplinary Subjects for Research-IV, Volume – 1** in month of Jan

STTP:

- **Dr. G. Srinivasulu** co-ordinated a STTP with **Dr. P Srihari Rao**(Associate Professor, NITW Warangal), **Dr. K. Vasudeva Reddy**(Senior Design Engineer, Mbit Wireless Pvt. Ltd, Chennai), **Dr. Mohammad Farukh Hashmi**(Assistant Professor,NITW Warangal), **Dr. Jagadish D. N.**(IIIT Dharwad), **Dr. Krishna Reddy**(Design Engineer, AMD India private Ltd, Hyderabad),**Mr. N. Vijayakanth**(Co-founder & CEO of VLSIMONKS, Bangalore), **Mr. N.**

Srikanth(Technical Member Staff, SeviTech Systems Pvt. Ltd., Bangalore), **Dr. Shaik Rafi Ahamed**(Professor, IITG, Guwahati), **Ms. Lyla B. Das**(Associate Professor, NIT Calicut) as resource persons titled as **Mixed Signal Design Approaches for Artificial Intelligence Processors** from 28 Dec 2020 to 3 Jan 2021.

FACULTY ACTED AS RESOURCE PERSON/BOS MEMBER:

- **Dr. A. Adishesha Reddy** acted as **BoS Academic Expert** in the event **BoS Meeting** organized by **KBN College, Vijayawada** on 25 Jan 2021.

IN HOUSE TRAINING:

- **III & IV B. Tech CSE Students** participated in a one day seminar on **Block Chain Technologies** with **Dr. E Suresh** as resource person organized by **NITW, Warangal** on 28 Jan 2021.
- **III B. Tech CSE Students** participated in a training program on **Enhancing Coding Skills (C & Python)** with **E-Box Trainers** as resource persons organized by **NITW, Warangal** from 4 Jan 2021 to 9 Jan 2021.
- **K. Sundeeep Saradhi, S. Govindu** coordinated a Workshop/Training Program titled as **Fundamentals of Networks** with **G. Balu Narasimha Rao** as resource person organized by **NITW, Warangal** from 11 Jan 2021 to 16 Jan 2021.
- **Dr. D. Viswanath** conducted a webinar entitled as **Clean and Green Technologies** organized by **LBRCE, Mylavaram** on 25 Jan 2021
- **Dr. S. Naganjaneyulu , Ch. Sambasiva Rao** conducted an In-House One Week Training **“On Problem Solving Using Python”** with **Amphisoft solutions** trainers as resource persons organized by **LBRCE**.
- **Dr. V. V. Narsi Reddy, Dr. D. Venkateswarlu and Mr. B. Kalyan Kumar** co-ordinate In house training entitled as **Role of Business Analytics in Professional Growth** with resource person as **Sri. K. Vinay Kumar** organized by **Data wise, Hyderabad** on 30 Jan 2021.

ICET CODE: LBCE

Registration **FREE**
<https://forms.gle/SHRQeYx5yLom7z9>
 WhatsApp
<https://chat.whatsapp.com/Cav96ltwXr78MuAXuQeZc>
LIVE
<https://tinyurl.com/WRRAPG>

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School of Management studies
 In Association with AIMS - AP Chapter
 Organizes National Webinar on
"Role of Business Analytics
In Professional Growth"

AIMS
 Hyderabad

nirf
 Listed in 201-250 Band

Moderator
 Dr.A.Adishesha Reddy
 Secretary AP Chapter
 AIMS
 Head of the Department

GUEST SPEAKER
Sri.K.Vinay Kumar, CEO
DATAWISE
 Intelligence. Insights. Infinity.
 Hyderabad

E Certificate
 Will be
 Provided to all
 the
 Participants

Co-ordinators
 1. Dr. V.V.Narsi Reddy
 Mobile: 9866870181
 2. Dr. D.Venkateswarlu
 Mobile: 9912528214
 3. B. Kalyan Kumar
 Mobile: 7075195978

January 30 2021
Saturday, 10.30 AM

Mode of Conduct
 Micro soft Teams

For More Details
 1. Mr. P.Siva Reddy,
 Mobile: 9885555984
 2. Mr. K.Ravi Kiran Yasaswi
 Mobile: 9441173919
 3. Mr. U. Rambabu
 Mobile: 9000900874
 4. Mr. N.Samba Siva Rao,
 Mobile: 7396071251

Fig: Event Poster

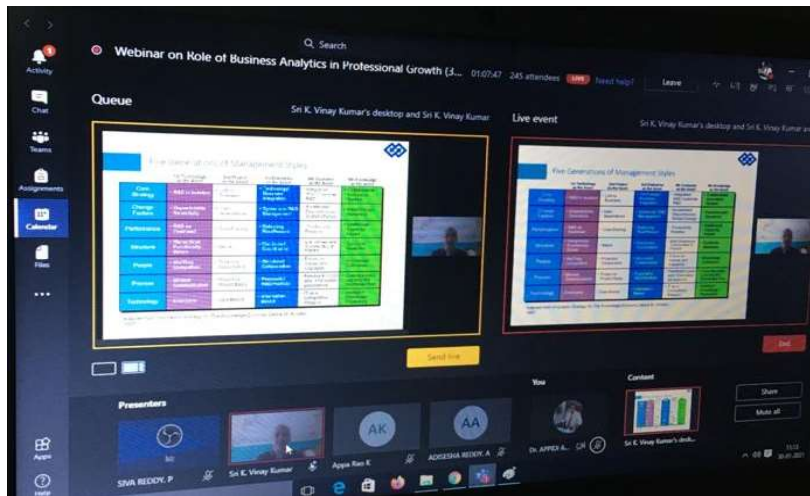


Fig: Streaming of Live Event

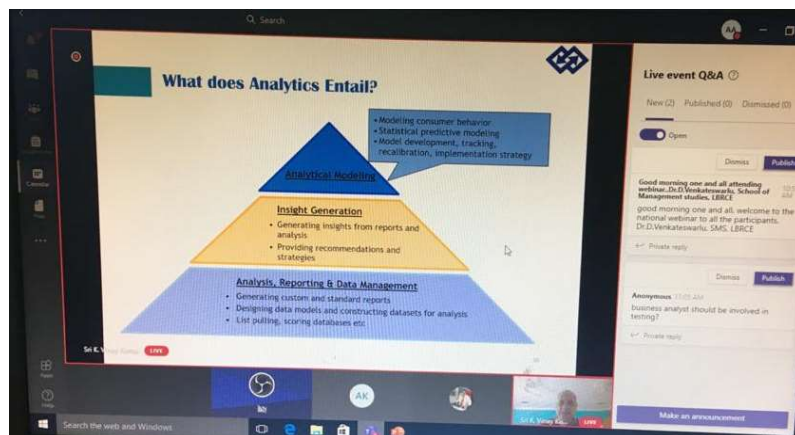


Fig: Resource Person Interaction

FACULTY RECOGNITION AND ACHEIVEMENTS:

- **Dr. E. V. Krishna Rao** recognized as **Reasearch Supervisor** by **JNTUK/KLU/Kanchi University**.
- **Dr. A. Narendra Babu** recognized as **Research Supervisor** by **KL University**.
- **Dr. Y. Amar Babu** recognized as **Research Supervisor** by **Annamalai University**.
- **Dr. G. L. N. Murthy** recognized as **Research Supervisor** by **Annamalai University**.
- **Dr. B. Poornaiah** recognized as **Research Supervisor** by **Annamalai University**.
- **Dr. T. Satyanarayana** recognized as **Research Supervisor** by **Annamalai University**.

GRANTS:

- A 3 years project on **“Evaluation of engine parameters affecting the performance of enzymatic transesterification process using test fuel blends”** has received a grant from the DST/SERB/EEQ, Government funding agency provided 22,81,000 INR in lakhs in the year 2019.
- **“Prerana scheme”** project has received a Government grant from the AICTE funding agency with 4,80,000 fund and **Dr. P. Vijay Kumar**, Mechanical Department was the investigator for this 2years project.
- A project on **“Frontier of 3D Printing Technology & its Industrial Applications”** has received a Government grant from the AICTE funding agency with 4,77,833 lakhs fund in the year 2020.

WEBINAR:

- A online webinar on **“Cold chain 4 Life”** with **Mr. Vijayabaskaran**, Ex-President, ISHRAE chapter Chennai as the resource person and it is coordinated by **Dr. P. Vijay Kumar**.

Learning objectives.

- **Introduction to Blood cold chain.**
 - The blood cold chain system & process
 - Temperature monitoring devices.
 - Blood cold chain equipment
- **Introduction to vaccine cold chain.**
 - Vaccine cold chain system.
 - Vaccine cold chain equipment and vaccine transport equipment .
 - Immunization schedule.

Saandeepani Vajje, Program Chair's screen

Fig: Presentation by Mr. Vijayabaskaran

Blood cold chain equipment

BLOOD BANK REFRIGERATORS

- Uniform 4°C Temperature Recovery
- Forced Air Circulation system
- Audio/ Visual Alarm
- Temp. Display

Fig: Role of blood cold chain Equipment

- A guest lecture on **“Cyber Crime and Security”** with 60 participants was coordinated by **Dr S. Naganjaneyulu, Ch. Sambasiva Rao** with the resource person **D. Sai Sateesh** which is organized by the Department of IT, LBRCE.

FACULTY DEVELOPMENT PROGRAM (FDP):

- **Dr. Murahari Kolli, Mr. Jonnala Subba Reddy, Mr. K. V. Viswanadh and Mr. K. Lakshmi Prasad** coordinated a two weeks FDP titled as **“Frontier of 3D Printing Technology and its Industrial Applications (Phase-II)”** with 250 participants.

NSS & NCC ACTIVITIES:

- The following are the list of students participated as volunteers for pulse polio program on 31.01.2021.

S.No.	Student Name	Roll Number	Year
1.	M.Padmini	17761A0329	IV
2.	P.Rajani	18765A0312	IV
3.	G.Sasivardhan	17761A0371	IV
4.	V.Rakessh Sai	18765A0330	IV

- On the occasion of REPUBLIC DAY three of our students has participated in the parade which was held on 26-1-2021 in LBRCE, Mylavaram.



ONLINE CERTIFICATIONS:

DEPARTMENT OF ASE:

- **Mr. S. Indrasena Reddy** have completed a One week Live Course on **Electric Vehicle Engineering Fundamentals** organized by APSSDC.

DEPARTMENT OF CGT:

- **Ch. Padma** is certified from a online certification program on **Criteria 3-NBA Accreditation** organized by In pods-Ed Tech.

DEPARTMENT OF IT:

- **Mr. G. Rajendra** participated in the online certification programme on **“Introduction to IOT”** organized by CISCO.

DEPARTMENT OF ME:

- **Dr. P. Ravindra Kumar** have completed a certification program on **“NBA Accreditation and Teaching - Learning in Engineering (NATE)”** IISc, Bangalore
- **Dr. P. Ravindra Kumar** and **Dr. V. Dhana Raju** are certified from IIT Roorkee for the certification program on **“Power Plant Engineering”** .
- **J. Subba Reddy** have completed a online certification program on **“Engineering Drawing and Computer Graphics”** organized by IIT Kharagpur.
- **K. Lakshmi Prasad** is certified from IIT, Madras for the 8 weeks online certification program on **“Introduction to Research”**

FACULTY DEVELOPMENT PROGRAM (FDP):

DEPARTMENT OF CSE:

- **Dr. M. Srinivasa Rao** participated in the FDP titled as **”Data Sciences”** organized by Gudlavalleru Engineering College in associate with ATAL, Gudlavalleru for the duration of 5days.

- **Mr. V. Siva Krishna** attended a FDP titled as **Immersive Virtual Reality** organized by S R Engineering College in associate with ATAL, Warangal.

DEPARTMENT OF FED:

- **Mr. Timmeswara Sarma Nori** participated in the FDP on “**Spectroscopic Studies in Structural Analysis-Modern Era Applications**” organized by Dept. of S&H Hyderabad Institute of Technology & Management, Hyderabad for the duration of 5days.

DEPARTMENT OF IT:

- **Dr. B. Rama Devi** participated in the FDP titled as “**Inculcating Universal Human Values in Technical Education**” organized by AICTE, All India Council for Technical Education(AICTE), New Delhi.
- **Mr. V. V. Krishna Reddy** attended a FDP titled as “**RASPBERRY PI MASTER CLASS SERIES**” organized by Pantech solutions with APSSDC.
- **Mr. K. Ravi teja** participated in the FDP titled as “**AI MASTER CLASS USING MATLAB**” organized by Pantech solutions with APSSDC
- **Mr. A. V. N. Reddy** attended a online FDP on “**Data Science**” organized by Gudlavalleru Engineering College, Andhra Pradesh.

DEPARTMENT OF ME:

- **Dr. P. Ravindra Kumar** attended a FDP titled as “**NBA Accreditation and Teaching -Learning in Engineering(NATE)**” organized by IISc, Bangalore.
- **Ch. Siva Sankara Babu** participated in the FDP titled as “**Advances in Composite Materials and their Applications**” organized by CMR Institute of Technology, Hyderabad.

STTP:

DEPARTMENT OF ECE:

- **Mrs. K. Pavani** attended a One week STTP on "**VLSI Design from Basic To Advance**" organized by K. C. College of Engineering & Management Studies & Research.

DEPARTMENT OF ME:

- **Jonnala Subba Reddy** and **V.SankaraRao** participated in the STTP titled as "**Additive Manufacturing for Medical & Aerospace Applications (Phase-IV)**" organized by Sri Vishnu Engineering College for Women, Bhimavaram for the duration of 6 days i.e., from 4 Jan 2021 to 9 Jan 2021.
- **K. Venkateswara Reddy** and **K. Karthik** attended a STTP titled as "**Exergy and Exergoeconomic Evaluation of Thermal power plants**" organized by Pragati Engineering college, Surampalem for the duration of 6 days.

WORKSHOP:

DEPARTMENT OF ECE:

- **Dr. T. Satyanarayana** attended a Awareness "**Workshop - NIRF INDIA RANKINGS - 2021 for Higher Educational Institutions**" organized by Institute for Academic Excellence in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.

DEPARTMENT OF MBA:

- **Mr. B. Kalyan Kumar** attended a 6days workshop on "**Research Training Programme**" organized by Krishna University , Machilipatnam.

WEBINARS:

DEPARTMENT OF ECE:

- **Mr. M. K. Linga Murthy** participated in the online webinar on "**Publishing in Scoups Web of Science Indexed Journals - Tools and Techniques**" organized by Sri Ventakeswara University, Tirupati.

- **Mrs. K. Pavani** attended a One day webinar on "**WHAT EDUCATION-WHY EDUCATION-HOW EDUCATION**" organized by Kasigari School of Life Skills, Kasigari Educational and Welfare Society.

DEPARTMENT OF ME:

- **Jonnala Subba Reddy** participated in the webinar on "**Fundamentals of Quality Management**" organized by Qimpro Consultants Pvt. Ltd.; MIT, Manipal; Dept of Commerce, MIT & MAHE, Manipal.
- **S. Srinivasa Reddy (Jr), Ch. Siva Sankara Babu, K. Lakshmi Prasad , V. Sankara Rao** and **V. Venkatrami Reddy** attended a one day webinar on "**Role of Business Analytics in Professional Growth**" organized by LBRCE, Mylavaram.