EVENTS @ LBRCE:



President inaugurating AnsysSkill Development center

LBRCE launches Ansys Skill Development Center: Skilling for a better tomorrow!!!

The Depts. of Mechanical & Aerospace Engineering launched "Ansys Skill Development Center", in association with ARK Solutions, Hyderabad on 13th Oct'17. Sri.G.Srinivasa Reddy, President inaugurated this advanced center in the presence of Dr.K.Appa Rao, Principal, Dr.K.Sreenivasa Reddy, Vice principal, Sri.Prasanna Sankar, Academic Program, Yansis India & Sri Binish Pyaarik, Vice President, ARK Solutions Hyderabad. Dr.Pichi Reddy,HoD,Mechanical Engineering and Dr.P.Lovaraju, HoD, Aerospace Engineering coordinated the event.

Securing Women power !!! Seminar on Legal Rights of Women

Saheli-the Girls' club organized a seminar on "Legal Rights of Women" on 9th Oct'17 for all girl students and female faculty. As the resource person, Prof.L.JayaSri, R&D Head, ANU, Guntur highlighted the important legal rights that women can exercise today to lead a safe and prosperous life. Dr.M.Umavani, HoD, EEE coordinated the program.



The resource person speaking @ the seminar



Principal felicitating the Guest, in the presence of HoD

Real time learning @ Guest Lecture on "Smart Materials and its Applications"

The Dept. of Mechanical Engineering conducted a Guest Lecture on "Smart Materials and its Applications" on 6th Oct'17 for its students. Dr.Arokia Rajan, Assoc.Prof, IIT Madras acted as the resource person. Dr.K.Appa Rao, Principal felicitated the guest in the presence of Dr.Pichi Reddy, HoD and others.

Glorious academic achievement !!! Faculty obtains Ph.D Degree in ECE

Sri. G.Srinivasulu, Professor in the Dept. of Electronics & Communication Engineering has been awarded the degree of DOCTOR OF PHOLOSOPHY (Ph.D.) in Electronics & Communication Engineering by JNT University for the thesis, "DEVELOPMENT OF HIGH PERFORMANCE LEVEL SHIFTERS FOR MULTI-VDD SYSTEMS", under the guidance of Dr. Venkata Ramanaiah. The management, principal, faculty, staff and students congratulated Prof. Srinivasulu.



President congratulating achiever in the presence of Principal



Workshop on "NDT in Aerospace": *Towards employability*

The Dept. of Aerospace Engineering organized a workshop on "Application of NDT in Aerospace Industries" on 7th Oct'17.Mr. G. Vijay Kumar, Managing Director, Future NDT, Vijayawada imparted hand-on training to III B.Tech students.Mr. Indrasena Reddy and Mr. I. Dakshina Murthy coordinated the event.

Leveraging Real time trends in Constructions @ Guest Lecture in Civil Engg. Dept.

The Dept. of Civil Engineering organized a Guest Lecture on "Usage of Bamboo as Construction Material" on 4th Oct'17. Dr Jagadish Vengala, Professor and HOD, BMS Institute of Technology and Management, Bangalore delivered the lecture to I & II year students. Mr.J.Eeswar Ram, Asst.Prof. coordinated the event.





The event on "Safe Driving" in progress...

Safety First !!! Awareness Program on "Safe Driving "

LBRCE, in association with Varun Driving School, Vijaywada organized an Awareness program on "Safe Driving" for drivers of the college on 17th Oct'17. Sri.N.Amar Kumar and R.L.Charitha acted as the resource persons of the program.

> <u>DEPARTMENT ACTIVITIES:</u>

Research Activities (Papers Published / Grants Received/ Facilities developed):

Dept. of EEE

- ➤ Ch. Punya Sekhar, Dr P.V. Ramana Rao & Dr Uma Vani published a paper titled, "Simulation and experimental verification of novel Multi-level Inverter with minimum number of Switches" in International Journal of Advanced Research in Dynamical and Control Systems (JARDCS), ISSN No.1943-023, Vol. 9, Issue. 2, Oct'17 (Scopus Indexed).
- ➤ P. PragnaSree & J.Siva Vara Prasad, published a paper titled, "Two level Half bridge dc-dc converter with reducing circulating losses" in International Journal of Advanced Engineering and Research Development, e-ISSN no. 2348 4470, Print ISSN no. 2348-6406, Vol. 4, Issue 10, Oct '17.
- ➤ **D. Devi Vara Prasad & B. Pangedaiah**, published a paper titled, "Passive Islanding Detection Technique for Grid-Connected Photovoltaic System in Time domain analysis" in International Journal of Latest Engineering Research and Applications (IJLERA), ISSN no. 2455-7137, Vol. 02, Issue.09, Oct'17.
- ➤ Kandula Ramesh & K. Nagalinga Chary published a paper titled, "Operation of Multi-level Inverters under unbalanced DC Sources, using Neutral Voltage Modulation" in International Journal of Latest Engineering Research and Applications (IJLERA), ISSN no.2455-7137, Vol. 02, Issue.10, Oct'17.
- ➤ K.Mounika Yadav & Mr.K.Sudheer Kumar published a paper titled, "Implementation of a New Control Strategy for Diode-Clamped Multilevel Inverter in Distributed Generation", in International Journal of Advance Engineering and Research Development, e-ISSN: 2348-4470,P-ISSN no. 2348-6406, Vol. 4, Issue.10, Oct'17.
- ➤ K. Chinababu & Ch. Rajesh published a paper titled, "Closed loop PI control for solar fed switched reluctance motor drive based water pumping system" in International Journal of Latest Engineering Research and Applications (IJLERA), ISSN no. 2455-7137, Vol, 02, Issue .10, Oct '17.
- ➤ P.Ramesh & E. Raghu Babu published a paper titled, "PV-based Grid Interconnection at Distribution Level with Power Quality Improvement Features" in International Journal of Scientific Research in Computer Science Applications and Management Studies, ISSN no.2319 -1953, Vol. 6, Issue.2, Oct'17.

- ➤ R. Manikanta & A.V.G.A. Marthanda published a paper titled, "A three phase closed loop vector control for IPMSM drive" in International Journal of Latest Engineering Research and Applications (IJLERA), ISSN no. 2455-7137, Vol.02, Issue.10, Oct'17.
- ➤ U. Sai Kumar & J. V. Pavan Chand published a paper titled, "Source Current Harmonics reduction with improved Shunt Active Power Filter for Renwable Enrgey Source" in International Journal of Latest Engineering Research and Applications (IJLERA), ISSN no.2455-7137, Vol. 02, Issue.10, Oct'17.
- ➤ J.Sivavara Prasad, Y.P.Obulesu & Ch.Sai Babu published a paper titled, "Regulated Multiple Output Isolated DC-DC Converter Topologies" in Lambert Academic Publishing, Germany, ISBN no. 978-620-2-02731-, Oct'17.
- ➤ J.Sivavara Prasad, Y.P.Obulesu & Ch.Sai Babu published a paper titled, "FPGA Controlled Five Level Soft Switching Isolated DC-DC Converter" in Lambert Academic Publishing, Germany, ISBN no. 978-620-2-02812-7, Oct'17.
- > **Dr. M.S. Giridhar** awarded NPTEL certification with **Elite** in the course i.e. Advances in UHV Transmission and Distribution.
- > **Dr. P. Sobha Rani** awarded NPTEL certification with **Elite** in the course i.e. Design of Photo Voltaic Systems.

Dept. of CSE

- ➤ **Dr P M Ashok kumar** presented a paper entitled, "Cross-user level De-duplication using Distributive Soft Links" at International conference on power, control signals and Instrumentation Engineering (ICPCSI), 2017 with CFP17 M84-PRJ: 978-1-5386-0813-5", Saveetha engineering college, Chennai, Tamil Nadu, 21st & 22nd Oct'17.
- ➤ Mr. G Balu Narasimha Rao presented a paper entitled, "Proficient Energy Hole Prevention Scheduling in Wireless Networks" at International conference on "Communication and Electronic Systems" (ICCES), PPG institute of technology, Coimbatore, 19th 20th, Oct'17.

Dept. of IT

- ➤ **Dr.S. Naganjaneyulu** awarded NPTEL Certification in the course i.e. "Programming, data structures and algorithms using python" with Elite grade, Oct'17.
- ➤ **Dr.B. Rama Devi** awarded NPTEL Certification in the course i.e. "Object oriented analysis and design" with Elite grade, Oct'17.
- ➤ Mr.Suresh T. awarded NPTEL Certification in the course i.e. "Digital Image Processing of Remote Sensing Data" with Elite grade, Oct'17.
- ➤ Mr.Ravi Teja awarded NPTEL Certification in the course i.e. "Digital Image Processing of Remote Sensing Data" with Elite grade, Oct'17.

- ➤ Mrs.Anupriya K. awarded NPTEL Certification in the course i.e. "Introduction to Operating Systems" with Elite grad, Oct'17.
- ➤ Mr.Rajasekhar K. awarded NPTEL Certification in the course i.e. "Introduction to Programming in C" with Elite grade, Oct'17.
- ➤ Mr.Rajasekhar K. awarded NPTEL Certification in the course i.e "Introduction to R Software" with Elite grade, Oct'17.
- ➤ Mr.V V Krishna Reddy awarded NPTEL Certification in the course i.e. "Introduction to R Software" with Elite grade, Oct'17.
- ➤ Mr.Sambasiva Rao Ch. awarded NPTEL Certification in the course i.e. "Introduction to R Software" with Elite grade, Oct'17.
- ➤ Mrs.Lavanya K awarded NPTEL Certification in the course i.e. "Digital Image Processing of Remote Sensing Data", Oct'17.
- ➤ **Dr.S. Naganjaneyulu** attended a workshop on "**IOT and Analytics**" at Dhanekula Institute of Engineering & Technology, 21st -26th Oct'17.

Dept. of MECH

Dept. of FED

- > Dr. B.Samrajya Lakshmi awarded NPTEL Certification in the course i.e. "Technical English for engineers" with Elite grade, Oct'17.
- ➤ **B. Srinivas Reddy** awarded NPTEL Certification in the course i.e. "Technical English for engineers" with Elite grade, Oct'17
- ➤ Ch. Nagarjuna awarded NPTEL Certification in the course i.e. "Technical English for engineers" with Elite grade, Oct'17
- ➤ **B. Sagar** awarded NPTEL Certification in the course i.e. "Technical English for engineers" with Elite grade, Oct'17
- ➤ V. Bhagya Lakshmi awarded NPTEL Certification in the course i.e. "Biology for engineers and non-biologists", with Elite, Oct'17
- ➤ **K. Sridevi** awarded NPTEL Certification in the course i.e. "Technical English for engineers" with Elite grade, Oct'17
- ➤ **Dr. Shaheda Niloufer** awarded NPTEL Certification in the course i.e. "Biology for engineers and non-biologists", with Elite Grade, Oct'17
- ➤ M.Rami Reddy awarded NPTEL Certification in the course i.e. "Numerical methods" with Elite garde, Oct'17
- ➤ **Y.P.C.S.Anil** successfully completed NPTEL Certification in the course i.e. "Numerical methods", Oct'17
- ➤ Ch. Chaitanya awarded NPTEL Certification in the course i.e. "Numerical methods" with Elite Grade, Oct'17
- ➤ **Dr. Vemireddy Parvathi** awarded NPTEL Certification in the course i.e. "Coordination chemistry (Chemistry of transition elements)" with Elite Grade, Oct'17
- > **Dr.T.V.Nagalakshmi** awarded NPTEL Certification in the course i.e. "Co-ordination chemistry (Chemistry of transition elements)", Oct'17

- ➤ Vijaya Dasaradha Sani awarded NPTEL Certification in the course i.e. "Co-ordination chemistry (Chemistry of transition elements)", Oct'17
- ➤ **K.Jamili Reddy** awarded NPTEL Certification in the course i.e. "Co-ordination chemistry (Chemistry of transition elements)", Oct'17
- ➤ **Dr. K.R. Kavitha** awarded NPTEL Certification in the course i.e. "Differential equations for engineers", Oct'17
- ➤ **K. Jhansi Rani** awarded NPTEL Certification in the course i.e. "Differential equations for engineers", with Elite Grade, Oct'17
- ➤ **K.N.V. Lakshmi** awarded NPTEL Certification in the course i.e. "Differential equations for engineers with Elite Grade, Oct'17
- ➤ **K. Bhanu Lakshmi** awarded NPTEL Certification in the course i.e. "Differential equations for engineers" with Elite Grade, Oct'17
- ➤ **G. Vijaya Lakshmi** awarded NPTEL Certification in the course i.e. "Differential equations for engineers", Nov'17.
- ➤ **Dr. Syed Yusub** awarded NPTEL Certification in the course i.e. "Solid state physics" with Elite Grade, Nov'17.
- ➤ **N.Aruna** awarded NPTEL Certification in the course i.e. "Solid state physics" with Elite grade, Nov'17.

> Dept. of Mech

- > **Dr. P.Vijay kumar** awarded NPTEL Certification in the course i.e. "Laws of Thermodynamics", Oct'17
- ➤ **Dr. P.Ravindra kumar** awarded NPTEL Certification in the course i.e. "Computational Fluid Dynamics" with Elite grade, Oct'17.
- ➤ **Dr. P.Ravindra kumar** awarded NPTEL Certification in the course i.e. "Refrigeration and Air- conditioning" with Elite grade, Oct'17.
- ➤ **Dr. P Ravindra Kumar** awarded NPTEL Certification in the course i.e. "Energy conservation and waste heat recovery", Nov'17.
- > **Dr. M. Pulla Rao** awarded NPTEL Certification in the course i.e. "Refrigeration and Air- conditioning", with Elite Gold All India First, Oct'17
- ➤ Mr. J.Subba Reddy awarded NPTEL Certification in the course i.e. "Computational Fluid Dynamics", Oct'17
- ➤ Mr. J.Subba Reddy awarded NPTEL Certification in the course i.e. "Introduction to Research", with Elite Grade, Oct'17
- ➤ Mr. V.Dhana Raj awarded NPTEL Certification in the course i.e. "Refrigeration and Air- conditioning", with Elite Top 5%, Oct'17
- ➤ Mr. S.Ramireddy awarded NPTEL Certification in the course i.e. "Laws of Thermodynamics", Oct'17
- ➤ Mr. K.Lakshmi Prasad awarded NPTEL Certification in the course i.e. "Laws of Thermodynamics", Oct'17

- ➤ Mr. K.Soma Sekhar awarded NPTEL Certification in the course i.e. "Laws of Thermodynamics", Oct'17
- ➤ Mr. G.Kartheek awarded NPTEL Certification in the course i.e. "Introduction to Research", with Elite with Gold, Oct'17
- ➤ Mr. G.Kartheek awarded NPTEL Certification in the course i.e. "Nature and Properties of Materials", with Elite Grade, Oct'17
- ➤ Mr. B.Kamala Priya awarded NPTEL Certification in the course i.e. "Laws of Thermodynamics", Oct'17
- ➤ Mr. D. Mallikarjuna Rao awarded NPTEL Certification in the course i.e. "Refrigeration and Air Conditioning", with Elite Grade, Oct'17
- ➤ Mr. P. Tharun Sai awarded NPTEL Certification in the course i.e. "Refrigeration and Air Conditioning", with Elite Grade, Oct'17
- ➤ Mr. J.V Somireddy awarded NPTEL Certification in the course i.e. "Refrigeration and Air Conditioning", with Elite Grade, Oct'17
- > **Mr. T.Venkateswara Rao** awarded NPTEL Certification in the course i.e. "Strength of materials", Nov'17.
- ➤ **Mr. Kothari Venkataviswanadh** awarded NPTEL Certification in the course i.e. "Engineering fracture mechanics", Nov'17.
- ➤ **Ms. Udaya Lakshmi Bondada** awarded NPTEL Certification in the course i.e. "Fundamentals of manufacturing processes", Nov'17.
- ➤ Mr. A Nageswara Rao awarded NPTEL Certification in the course i.e. "Applied Ergonomics" with Elite grade, Nov'17.
- ➤ Mr. Sandeep Kumar Penugonda awarded NPTEL Certification in the course i.e. "Applied Ergonomics" with Elite grade, Nov'17.
- ➤ Mr. K.N.D.Malleswara Rao awarded NPTEL Certification in the course i.e. "Total Quality Management I" with Elite grade, Nov'17.
- > **Mr.Ravutla Praveen Kumar** awarded NPTEL Certification in the course i.e. "Fundamentals of manufacturing processes", Nov'17.
- ► Guest Lectures / Workshops / Conferences / Seminars

Dept. of Mech

- ➤ **B.Kamala Priya** attended a FDP on "Advances in Mechanical Engineering" at VVIT, Nambur during the period i.e. 23rd -27th Oct'17.
- ➤ **Dr.P.Vijay Kumar** attended a five-day course on "Thermal Management of Electronics" at NIT, Warangal during the period i.e. 30th Oct-03rd Nov'17.

Dept. of ECE

- **B.Y.V.N.R Swamy** presented a paper entitled, "Design & Analysis of a 4-element Dual Band MIMO Antenna with Meta-Material-based Reduced Ground Plane for Future Wireless Applications" at ICACS-2017, S.V. Engineering college for Women, Tirupati during the period i.e. 20th-22nd Oct'17.
- **K.Rani Rudrama** presented a paper titled, "Meta-material inspired notched Wideband Antenna with an Integration of U and T shaped Patches with Strip Lines wireless applications" at ICACS-2017, S.V. Engineering College for Women, Tirupati during the period i.e. 20th -22nd Oct'17

Dept. of MBA

- The Dept. of MBA conducted a seminar on "TQM & Employability skills" on 6th Oct'17. Sri.R.Prabhakaran acted as the resource person of the event attended by I & II year students.
- **K.Ravi kiran Yasaswi, P.Siva Reddy & D.Kalyani** attended the conference on "Recent Trends in Engineering Science and Management", IETE, O.U. Campus, Hyderabad on 22nd Oct'17.

Dept. of CSE

- ➤ Mr. N Srinivasa Rao & Mr. P Vamsi Naidu attended FDP on "AWS Technical Essentials" hosted by AWS and APSSDC during the period i.e.12th 13th Oct'17.
- Mr. G Balu Narasimha Rao & Mr. T V Naga Raju attended a 6-day FDP on "IOT & Analytics" hosted by DIET, associated with NIT Warangal during the period i.e.21st-26th Oct'17.

> STUDENT ACHIEVEMENTS /ACTIVITIES:

Dept. of MCA

- ➤ 12 students of MCA III semester bagged NPTEL certifications from the examination conducted in Oct'17.
- ➤ 34 students of MCA III semester were awarded CISCO certifications, out of which 11 passed the course with distinction.



CISCO certified students posing with the Principal, HoD & Faculty.

Dept. of IT

- ➤ G G L Priyanka, III B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" with ELITE grade in Oct'17.
- ➤ Ch. Vineela Amrutha, II B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" with ELITE grade in Oct'17.
- ➤ G. Lakshmi Lahari, II B. Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" with ELITE grade in Oct'17.
- > S. Yamuna, II B. Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" with ELITE grade in Oct'17.
- ➤ V.Lakshmi Harika, II B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C"with ELITE grade in Oct'17.
- ➤ Y. Himaja, II B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C"with ELITE grade in Oct'17.

- ➤ **P. Manaswitha,** II B.Tech was awarded "Introduction to Programming in C" with ELITE grade in Oct'17.
- ➤ K. Lakshmi Pyiya, II B.Tech was awarded "Introduction to Programming in C" in Oct'17.
- ➤ K. Vineetha Vani, II B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" in Oct'17.
- ➤ K. Sravani, II B. Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" in Oct'17.
- ➤ Shaik Salma, II B.Tech was awarded NPTEL Certification in the course "Introduction to Programming in C" in Oct'17.

> NSS ACTIVITIES:

➤ The NSS unit celebrated the 86th Birth Anniversary of former President& Statesman, **Dr.A.P.J.Abdul Kalam** on 15th Oct 17. A number of contests were conducted to mark this day.



Award winners posing with the Principal and the NSS Program officer

> The NSS unit organized a Blood Group checking camp for I B.Tech students, under the aegis of Red Cross Society, Vijayawada on 13th Oct' 17.



The Principal inspecting the Blood checking camp

➤ The NSS unit, in association with the AP state Transport authority, Krishna Dist organized "Online Learning License Test" on 21st Oct'17.



The Online Learning License Test in progress...

➤ In a humble humanitarian gesture, the NSS unit donated an amount of Rs 7500/- to Indian Association for the Blind, Madurai.



The NSS Program officer handing over the cheque to the Principal.

The NSS unit, in association with Ayush Hospitals & Cipla Pharmaceuticals, Vijayawada. organized a Hepatitis-B Health Check up & Vaccination camp in the college on 25th Oct'17.



Dr.K.S.Chakravarthy, Consultant Gastro-enterologist speaking @ the Health camp

➤ The NSS unit, on behalf of the Govt. of Andhra Pradesh conducted a survey on the availability of Toilets in Pondugala village on 28th Oct'17.



Principal interacting with NSS Program officer & students at Pondulgala village

> The NSS Unit celebrated the 142th Birth Anniversary of India's Iron man and great freedom fighter, Sardhar Vallabhai Patel as "Ekta Diwas" on 31st Oct'17.



The Principal administering Oath on National Unity to students

E.SPORTS:

➤ Our college hosted the JNTUK Badminton team selection trials on 21st Oct'17. Students from more than 20 colleges took part in the event.



The Principal & Director, Infra inspecting the sports event as others look on

LBRCE IN NEWS

















ముందరం, మ్యానికుండే చూర్తని పైపున్నారిప్పన్ల కేంద్రం నారా నిర్మాన్నలో ప్రతికరు మరింత మెడుగుద్దినప్పనం యాగ్గిస్ బండియా అండమిక ప్రోగ్గాల మేడీంక్ ప్రస్నునం ఇక పర్మన్నారు. మైలవరం అరికెక్టి అంటిస్తికి అంటిసిందే కూరాలలో మెలవరం, ఏరోస్కెస్ మాగాల అర్వర్యంలో యాగ్గెస్ కృట్ చెవలకోమెంట్ మేదాన్ని కథవారం కూరాల అధ్యక్షుకు జిత్తినిరావరిస్తితో కరిసి ప్రామంటలారు. ఈ సంద ర్భంగా అయన మాల్వరుతూ చూగ్గిన్ను ఉపయోగించుకునే మారాన్ని మరించారు. విద్యార్థులు అండి ప్రమ్మకుని పోటే ప్రసంకంలో రాజేవవాలని అన్నారు. విధాగానివేతులు పేర్చి రెడ్డి ఓ లోవరాజు, అర్మానుకుని విధ్యార్థులు పాట్గిన్నారు.











