



Dr.K.V. Subba Reddy Institute of Technology, Kurnool.

About News Letter

Dr. KVSrit, Department of Mechanical Engineering is proud to publish its NEWS LETTER 2016-17 (Vol. III).

The objectives of this News Letter is to keep our Students, Parents, Faculty and Industry informed about the activities happening in the Department.

Through this half yearly publication, we hope to engage our various stakeholders in building the network among themselves.

We hope you enjoy it!

INSIDE.....

- Chairman's Message...
- From Principal's Desk ...
- HOD Message.....
- About Department.....
- POs & PEOs...
- Faculty Profile ...
- Workshops Organized.....
- Orientation Program...
- Mind Education Program by IYEC....
- Sports & Cultural Fest....
- Passed out batch Photo....



Dr. K.V.Subba Reddy
Chairman



Smt. S. Vijaya Lakshamma
Secretary



Prof. Dr. L. Thimmaiah
Principal



**Dr.J. Kanna
Kumar**Professor&
HOD

Chairman's Message...



As a reputed Educationist having more than three decades of Experience in the field of Teaching from School to Post Graduation, Dr.K.V.Subba Reddy has the sole objective of promoting ancient Indian values and adopting modern technology in Technical Education. Every student moving out of our Institutions should become a useful citizen who can help himself /herself and also the motherland. The students should be made job ready so that the Industry Knock the doors of our college for Campus Drives. Through disciplined hard work, the students would realize the vision Vaibhav Educational Society was established in 2005 with chief objective of establishing Quality Educational Institutions in the backward Rayalaseema Region. The erstwhile capital of the erstwhile Andhra State is deprived of development mainly due to lack of Quality Professional Educational Institutions. The society has been making sincere attempts in that direction by establishing Engineering, Pharmacy and Teacher Education Colleges in one big Campus giving the shape of a University. Someday, the campus would definitely become a Deemed to be University.

Secretary's Message...



It is rightly said that the future of India is shaped in the class Rooms .It is the Educational Institutions which mould the character and caliber of the young men and women. We aim to play our own role in the vision of building strong India by offering Education which helps the students to stand on their own legs, to exercise the knowledge imparted to them and to experiment with fresh ideas to become entrepreneurs and be able to employ others instead of searching for employment.

Principal's Message...



Recent growth and positive changes in the Indian and global economy have created excellent array of opportunities for our country. To better serve the needs of our growing economy, JNTUA, Anantapur recognizes institutional diversity.



HOD's Message...

Dear Friends,

Greetings from Department of Mechanical Engineering, Dr.KVSRIT , Kurnool.

Engineering is a human activity aimed at creating new artifacts, algorithms, processes and systems that serve humans. An engineer seeks to create what never did exist. It is a privilege in any one's career to embark on engineering education.

At Dr.KVSRIT, our vision is “To be a Center of Academic Excellence for Quality Education with Emphasis on Sustainable Technologies, Research, Consultancy and Entrepreneurship for Societal Development”. The Mechanical Department is committed to provide students with a strong, broad based fundamental engineering education and prepare the students for careers in industry, teaching and other research organizations.

I personally look forward to integrate my experience over the years in teaching into the learning systems and direct the collective efforts of the faculty at the college to build a comprehensive methodology that encompasses all that matters for nurturing the minds of our students. I look forward for preparing my students to face the challenges, the technology and engineering sector would offer in the future and succeed in offering technology solutions for the betterment of the society and our nation.

It gives me immense pleasure to welcome all those who aspire to have a career in Engineering and Technology.

ABOUT DEPARTMENT

The Department of Mechanical Engineering at DRKVS RIT started functioning in the academic year 2011-12. The Department offers an under graduate program in mechanical engineering that covers a wide range of topics in the field of mechanical engineering such as thermal and fluid sciences, engineering design, dynamic and control, materials, manufacturing, modeling and simulation as per the JNTUA curriculum to suit the interests of students and meet the industry requirements.

The student capacity of the Department is 120. Teaching and learning activities at the Department are designed in such way as to stimulate intellectual curiosity, creativity and innovation in students. The Department has well qualified and experienced team of faculty members who have their specializations in different branches /areas of mechanical Engineering. The highly committed faculty with their innovative ideas guides the students with their projects and industry assignments. The efforts of faculty, well experienced supporting staff, enable learning environment and availability of modern facilities are reflected in the excellent performance of the students. Efforts are underway to set up a Research & Development center to initiate research activities in the Department.

The Department frequently conducts theoretical and practical technical sessions, industrial visits for the benefit of the students and faculty under the ISTE students and faculty chapters. These chapters are actively involved in conducting technical talks and guest lectures by eminent personalities from the industry and academicians from reputed institutes like IISC, IITs and NITs.

VISION of DEPARTMENT

To be a Center of Academic Excellence for Quality Education with Emphasis on Sustainable Technologies, Research, Consultancy and Entrepreneurship for Societal Development.

MISSION of DEPARTMENT

1. To Impart highest quality education to the students to build their capacity and enhance their skills to make them globally competitive mechanical engineers.
2. To Integrate research facilities to provide collaborative environment that stimulates faculty and students with opportunities to create, analyze, apply and disseminate knowledge.
3. To develop alliances with world class R&D Organizations, Educational Institutions, Industry and alumni for excellence in Teaching, Research and Consultancy Practices.
4. To enrich the students with Academic Environment of Excellence, Leadership and Ethical Guidelines needed for a Productive Career.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

Program Educational Objectives are broad statements for the Mechanical Engineering that describe the Career and

Professional accomplishments that the program is preparing graduates to achieve.

PEO 1: Graduates shall have successful careers as Mechanical Engineers, lead & manage teams in the field of industries to meet society's need with their knowledge

PEO 2: Graduates shall be professional in engineering practice and socially responsible in design analysis and execution of Mechanical systems

PEO3: Graduates shall be pursuing advanced education, research and engage in the process of life-long learning to formulate and solve problems.

PROGRAM OUTCOMES (POS)

PROGRAM OUTCOMES (POs): Program Outcomes are narrower statements that describe what students are expected to know and be able to do by the time of graduation. These relate to the skills, knowledge and behavior that the students acquire through the program.

PO1: Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3: Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO4: Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Modern Tool Usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

PO6: The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO7: Environment and Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9: Individual and Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO11: Project Management and Finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO12: Life-long Learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

DEPARTMENT EVENTS

A Two Day Workshop titled "Pro-E & CNC Machines" by Dept. of Mechanical Engineering,

Dated: 19th & 20th Oct-2016

A Two Day National Level Workshop on "Pro-E and CNC Machines" organized by Dr. K. V. Subba Reddy Institute of Technology.

Date: 19th & 20th Oct-2016

Event attended by:

Dr. K. V. Subba Reddy, Chairman

Smt. S. Vijayalakshamma, Correspondent

Dr. L. Thimmaiah, Principal

Mr. J. Kanna Kumar, HOD, Mech Engg.

Resource Person: Aravind Ramachandran, MTAB Engineers (P) Ltd.

No. of Students Attended: 150



Chairman Dr. K. V. Subba Reddy Speaking on the Event.



Certificates distribution to the Participants.

EVENT HIGHLIGHTS



Resource Person Aravind Ramachandran during the workshop.



Felicitation to the Resource Person.



B. Tech & Diploma Orientation Programme at Dr.KVSRIT, Dated: 06-07-2017

B.Tech & Diploma Orientation Programme organized by Dr. K. V. Subba Reddy Institute of Technology.

Date: 06-07-2017

Event Speaker: Dr. K. V. Subba Reddy Garu

Event attended by:

Dr. K. V. Subba Reddy, Chairman

Smt. S. Vijayalakshamma, Correspondent

Dr. L. Thimmaiah, Principal

All Head of the Departments & Staff



Dr. K. V. Subba Reddy speaking on the Event.



Smt. S. Vijayalakshamma speaking on the Event.



Dignitaries on the Dias.

E V E N T H I G H L I G H T S



Students gathered at the Event.



A One Day Programme on "Mind Education" by IYEC at Dr.KVSRIT, Dated: 29-07-2017

A One Day Programme on "Mind Education" organized by International Youth Empowerment Centre at Dr.KVSRIT.

Date: 29-07-2017

Resource Person: Mr. Isaac Kim, Regional Director, IYEC.

No. of Students Attended: 400

Event attended by:

Dr. K. V. Subba Reddy, Chairman

Dr. L. Thimmaiah, Principal

Mr. C.B. David Joel Kishore, TPO

Officials from IYEC, South Korea

EVENT HIGHLIGHTS



Dignitaries on the Dias.



IYEC Officials perform during the Event.



Mr. Isaac Kim interacting with the Students.



Students gathered at the Event.

Two Days "Sports & Cultural Fest" by Dr.KVSRIT, Dated: 23rd & 24th March-2017

"Sports & Cultural Fest" organized by
Dr. K. V. Subba Reddy Institute of Technology.

Date: 23, 24-03-2017

No. of Students Attended: 650

Event attended by:

Dr. K. V. Subba Reddy, Chairman
Smt. S. Vijalakshamma, Correspondent
Dr. L. Thimmaiah, Principal
Dr. M. Ramakrishna, Vice Principal

EVENT HIGHLIGHTS



Tossing of Coin by Dr. K.V. Subba Reddy Garu.



Birthday Celebrations of Dr. K.V. Subba Reddy Garu.



Students Participated in Sports.



A Student Performed during the Cultural Inesat.





2013-2017 Passed out Batch