

## VISION

To prepare mechanical engineers with global competency and desire to serve the society.

## MISSION

- ✚ **DM1:** Transforming students as Mechanical Engineers with professional attitudes, Industrial adoptability, and leadership abilities.
- ✚ **DM2:** Providing Quality Education with state-of-art facilities.
- ✚ **DM3:** Inculcating ethical values, ability to lifelong learning and social responsibilities.

## PROGRAM EDUCATIONAL OBJECTIVES

- ✚ **PEO1:** To pursue successful careers or higher studies in Mechanical engineering through their strong foundation in mathematics, science and engineering.
- ✚ **PEO2:** To analyze and design appropriate solutions for socially relevant problems by using current engineering techniques.
- ✚ **PEO3:** To exhibit professionalism, ethical attitude, communication, managerial skills, team work and social responsibility in their profession and adapt to current trends by engaging in continuous learning.
- ✚ **PEO4:** To grab an opportunity to expand their horizon beyond Mechanical engineering.



**MECH NEWS**  
**Aug-Sep 2018-2019**



**“If you salute  
your duty, you  
don’t need to  
salute anybody,  
but if you pollute  
your duty you  
have to salute  
everybody”**

**-Kalam**



Football helmet smart foam signals potential concussions in real time, study suggests. Most football fans have seen players get hit so hard they can barely walk back to the sideline. All too often, those players are back on the field just a few plays later, despite suffering what appears to be a head injury. While foot ball related concussions have been top of mind in recent years, people have struggled to create technology to accurately measure them in real time.

**Editorial & Design Team :**  
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**Students**

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First year B-tech class for the academic year 2018-2019 was inaugurated. The parents who had gathered in the auditorium have felt elated that their children have got admission in Dhanekula Institute of Engineering & Technology, Ganguru Vijayawada. Dhanekula Ravindranath Tagore Garu, Chairman, And Dr. Ravi Kadiyala Garu, Principal. The function started with a prayer and lighting of the lamp. After inauguration beloved principal Dr. Ravi Kadiyala garu addressed students about how to build themselves as an Engineer.

### Guest Lectures

Guest Lecture on Modified Hydro Electricity is organized under the EDC cell on 05.08.2018 for Mechanical, Electrical and Civil II,III and IV year students by Mr.G.K.Ratnakar. He explained the working condition of several types of turbines which can generate 1 to 100KW power.



Guest Lecture on Material applications and engineering is organized in the department of mechanical engineering on 23.08.2018 by Dr.Venkateswarlu, Scientist in material science division, NAL Bangalore. He delivered a lecture on material science applications, Ti alloys, additive manufacturing, Advantages of Graphine for students. The students are benefited by the lecture delivered by the Professor and after the lecture he interacted with the faculty members and gave suggestions regarding pursuing research work.

### 71<sup>st</sup> Independence day Celebrations:



71<sup>st</sup> Independence day has been celebrated the honor of hoisting the flag was done by Dhanekula Ravindranath Tagore Garu his spoke about the then situations of freedom struggles. Our College Principal Dr.K Ravi Garu spoke India's Independence Day is the most important day to all the Indian citizens and has been mentioned forever in the history