

SCIENTIST OF THE MONTH:



Henry ford (1863-1947):

Was born July 30, 1863, on his family's farm in Dearborn, Michigan. From the time he was a young boy, Ford enjoyed tinkering with machines. Farm work and a job in a Detroit machine shop afforded him ample opportunities to experiment. He later worked as a part-time employee for the Westinghouse Engine Company. By 1896, Ford had constructed his first horseless carriage which he sold in order to finance work on an improved model. Ford incorporated the Ford Motor Company in 1903, proclaiming, "I will build a car for the great multitude." In October 1908, he did so, offering the Model T for \$950. In the Model T's nineteen years of production, its price dipped as low as \$280. Nearly 15,500,000 were sold in the United States alone. The Model T heralds the beginning of the Motor Age; the car evolved from luxury item for the well-to-do to essential transportation for the ordinary man. Ford revolutionized manufacturing.

On January 12, 1900, the Detroit Automobile Company released its first commercial automobile - a delivery wagon - designed by Henry Ford. This was Ford's second car design - his first design was the [quadricycle](#) built in 1896.

On May 27, 1927, production ended for the [Ford Model T](#) - 15,007,033 units had been manufactured.

On January 13, 1942, Henry Ford patented a plastic-bodied automobile - a car 30 percent lighter than metal cars.

In 1932, Henry Ford introduced his last engineering triumph: his "en block", or one piece, [V-8 engine](#).



Page-4

DYNAMOS... THE FEW .THE PROUD

A NEWSLETTER OF MECHANICAL ENGINEERING DEPARTMENT

VOL-1

ISSUE-7

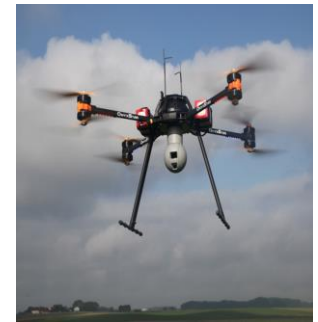
JULY-2016

EDITOR'S VOICE:

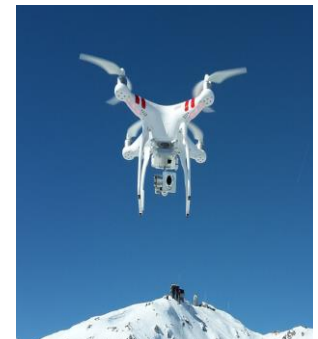
An **unmanned aerial vehicle (UAV)**, commonly known as a **drone**, as an **unmanned aircraft system (UAS)**, or by [several other names](#), is an aircraft without a human pilot aboard. The flight of UAVs may operate with various degrees of [autonomy](#): either under remote control by a human operator, or fully or intermittently autonomously, by onboard computers.

Compared to manned aircraft, UAVs are often preferred for missions that are too "dull, dirty or dangerous" for humans. They originated mostly in military applications, although their use is expanding in commercial, scientific, recreational, agricultural, and other applications, such as policing and surveillance, aerial photography, agriculture and [drone racing](#). Civilian drones now vastly outnumber military drones, with estimates of over a million sold by 2015.

"Brutality and injustice made us raise our hands towards the sky for years; God didn't respond us, but drones came to our rescue."



DRONES



Contents

Editor's voice Page1
Industrial Visit Page2

Seminars & Activities Page3
Scientist of the month page4

INDUSTRIAL VISIT:

- The students of third year have undergone an Industrial visit to the **“Dr. Narla Tatarao thermal power station, Ibrahimpatnam on 20th July 2016”**. With the mean of enhancing technical and industrial skills to the greater extent’s .



FACULTY ACTIVITIES:

- Mr.J. Koteswara Rao had attended the National Programme on Technology Enhanced Learning (NPTEL) workshop , organized by IIT Madras ,at Vardhaman college of engineering ,Hyd on 9th July 2016.
- Prof. M. Basaveswara Rao had visited MTAB ENGINEERS PVT LTD in the process of procuring XL TURN CNC LATHE on 13th July.
- Prof. M. Basaveswara Rao had attended the TEP Review Meeting at ISB on 29th July at Hyderabad.

STUDENT ACTIVITIES:

The following students of 3rd year B.Tech had undergone internship which was conducted by Experts Hub Industry Internship Centre from 11th July – 22nd July at Bangalore. In this the program concept is Car Design which was dealt by TATA Experts.

- | | |
|---------------------|------------|
| • G. Tejeswar Reddy | 14JR1A0325 |
| • D. Naga Raju | 14JR1A0320 |
| • G. Manikanta | 14JR1A0324 |
| • D. Suma Dev Singh | 14JR1A0321 |
| • B. Uday Bhaskar | 14JR1A0309 |
| • J. Seetha Ram | 14JR1A0336 |

SEMINARS:

- A **“Motivational Class for Personality Development and Goal Setting”** held on 19th July, to the second year students of MECHANICAL, EEE and CIVIL by Dr. H. Kalyan Rao, NRI MEDICAL COLLEGE, Guntur.

