

MIND'SPARK

News Letter

Department of Mechanical Engineering

Academic Year 2018-19 | Volume 3 Issue 4 | June 2019

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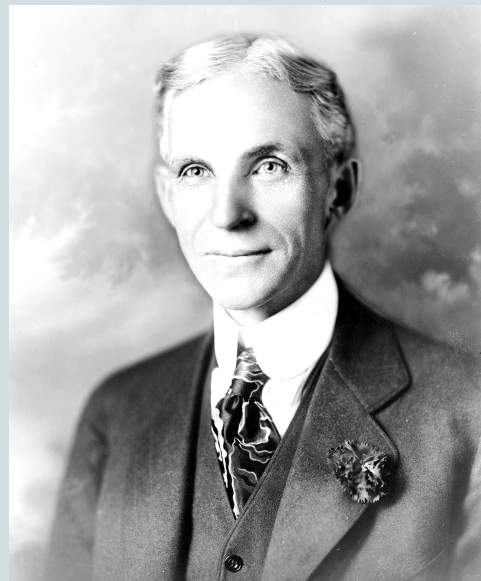
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InFocus: Scientist: Henry ford (1863-1947):

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% lighter than metal cars. In 1932, Henry Ford introduced his last engineering triumph: his "en block", or one-piece, V-8 engine.



EVENTS ORGANIZED

1. Industry Institution Interaction Program is scheduled on 05-02-2019.
2. Inauguration of Electrical Vehicle Design on 05-02-19.
3. One day workshop on Automobile Engineering in association with Paramount Autobay Services on 02-03-2019.

STUDENT PARTICIPATION

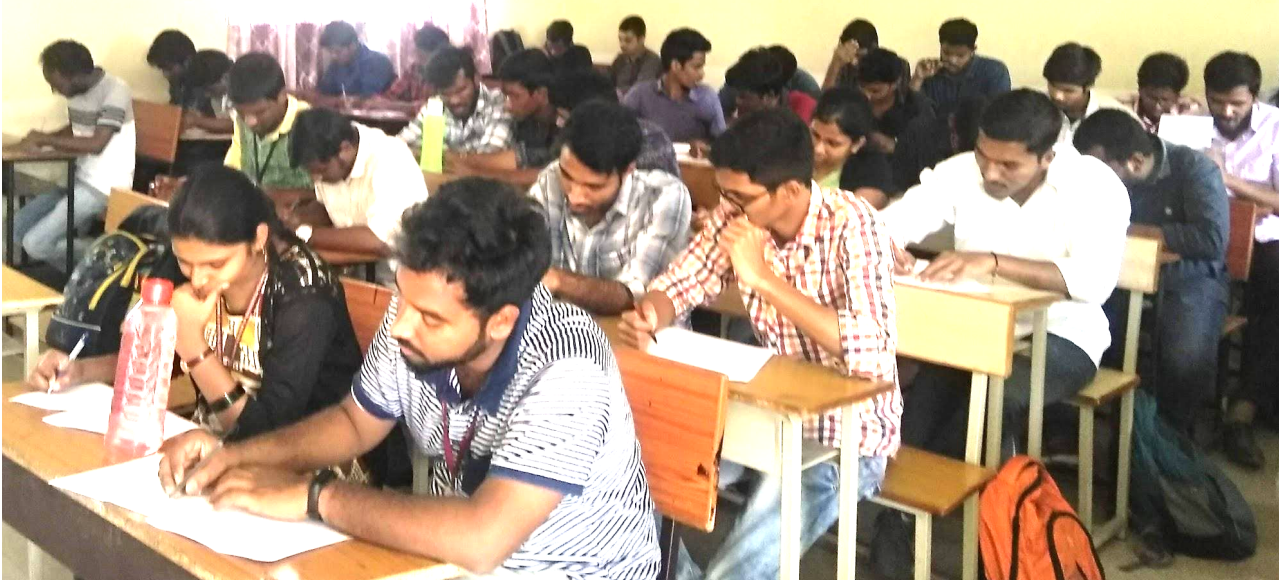
S. No	Roll No	Name of the Student	Name of the Event	Organising College	Month & Year
1	160716736004	R. Lokesh Kumar	seminar	MCET	May 2019
2	160717736010	S Ajay Kanth	All India Inter University Rowing Championship	Punjab University, Chandigarh	Feb 2019
3	160717736324	Miryala Karthik	IIIT	MCET	Feb 2019
4	160717736332	Sandeep Nune	IIIT	MCET	Feb 2019
5	160717736323	Samala Jyothi	IIIT	MCET	Feb 2019
6	160717736322	Yandra Ganesh	IIIT	MCET	Feb 2019
7	160717736327	Jinukala Naresh	IIIT	MCET	Feb 2019
8	160716736010	Mohammed Khaja Moinuddin	Industry Institution Interaction Meet	MCET	Feb 2019
9	160816736013	Choragudi Arun	Industry Institution Interaction Meet	MCET	Feb 2019
10	160717736334	G.Tejaswini	IIIT	MCET	Feb 2019
11	160717737335	G.Vigneshwari	IIIT	MCET	Feb 2019
12	160717736337	Vyshnavi	IIIT	MCET	Feb 2019

MOU IMPLEMENTED

S. No	Event	Name of the Organization	Date/ Period	Status
1.	Industry Institution Interaction Meet	Paramount Auto Bay Services	05-02-2019	Completed
2	Industrial Visit	Paramount Auto Bay Services	05-03-2019	Completed
3	Workshop on Automobile Engineering	Paramount Auto Bay Services	02-03-2019	Completed
4	Assistance in Design & Fabrication of Electric Vehicle 2019	Imperial Society of Innovative Engineers	From 05-02-2019 to Till date	In Progress

APTITUDE TEST BY CADD CENTER

A total of Fifty Four students from III & II year attempted the *Aptitude Test* conducted by CADD centre. The aim was to give the students an exposure to the tests conducted during the selection process so that they could prepare themselves in the coming time. Also, some additional benefits were provided for the students who cracked the test with flying colours.



Date: 21 Feb (Thursday) | Start time: 3:15 PM | Duration of test: 1 Hour | Venue: Block C 206

INDUSTRIAL VISIT TO RCI

The Mechanical Engineering Department had an industrial visit to Research Centre Imarat on 15th of february 2020. Forty students from IV year & 4 faculty members took part in it.

At RCI the visitors were received by Mr. Krishnao Rao who also facilitated the visit. The students were addressed by respected scientist Mr. Mallikarjun Naik, Mrs. Runa Debnath and Mr. Umakanth who delivered lectures on Vibration mechanics, Inertial Navigation Systems and Flight Control for Missiles.

A brief break was taken for refreshments after the lectures and then a tour was taken around where students were shown different parts and components of missile systems by Mr. Subramanyam. The visit was concluded by taking feedback from the students.



INDUSTRY INSTITUTION INTERACTION MEET

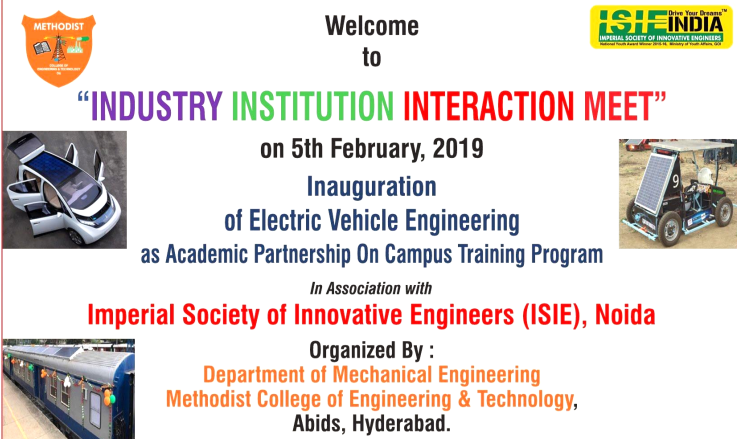
The program started out by signing of the MoU and inauguration of the "Electric Vehicle Engineering".

Eminent personalities from industry interacted with the students & encouraged them about getting ready for present & future industries. An interaction session was held later during which students directly got their doubts answered by the panel of experts. It all started with below questions:

"How many are interested in a core job?" & "How many want to be Entrepreneurs?"

The following points were stressed upon them if the students wanted to get selected.

1. Stick to the basics or fundamentals of the subjects. Even if the complete in depth knowledge & theoretical formulation is not known, a general reliable idea of knowing the fundamental concepts would really help.
2. Communication skills play a very important role & this has nothing to do with English speaking or writing. Unambiguous communication of the idea must take place. Which means there must not be multiple meanings gained by listeners for the single idea the speaker wants to communicate. (He demonstrated this by making everyone stand. First he asked everyone to raise their left hand. When everyone did it he asked them to raise the other hand. Some of the students lowered their first hand making his point obvious.)
3. Know your competition: He encouraged them to find the number of engineers coming out every year. The number was revealed at a staggering 15 lakh. He also insisted that the information about the number of colleges & their quality also be found. This would help students to get serious & manage time & energy according to the level of success she/he desires.
4. It was mentioned that there are around 30 disrupting fields which could completely alter the way industries are working presently. Among the leading areas (AR - Augmented Reality, VR - Virtual Reality, IOT - Internet of Things, Big Data, Robotic, AI - Artificial Intelligence, 3D Printing, Mobile, Block Chain)



Welcome
to

“INDUSTRY INSTITUTION INTERACTION MEET”

on 5th February, 2019
Inauguration
of Electric Vehicle Engineering
as Academic Partnership On Campus Training Program

In Association with
Imperial Society of Innovative Engineers (ISIE), Noida

Organized By :
Department of Mechanical Engineering
Methodist College of Engineering & Technology,
Abids, Hyderabad.

Department of Mechanical Engineering

VISION

To be a reputed centre of excellence in the field of Mechanical Engineering by synergizing innovative technologies and research for the progress of society.

MISSION

- M1:** To impart quality education by means of state-of-the-art infrastructure.
- M2:** To involve in training and activities on leadership qualities and social responsibilities.
- M3:** To inculcate the habit of lifelong learning, practice professional ethics and serve the society.
- M4:** To establish industry- institute interaction for stakeholder development