



### Methodist College of Engineering & Technology

#### Dept. of Mech. Engg.

##### 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

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## InFocus: Scientist:

### CHARLES S.ROLLS (1877-1910):



Charles Stewart Rolls, the pioneering British motorist, aviator and co-founder (with Henry Royce) of the Rolls-Royce Ltd. luxury automobile company, is born on August 28, 1877, in London's upscale Mayfair district. His first vehicle, a Peugeot with 3.75 horsepower, was the first car to be seen at Cambridge, and enabled

him to drive home to Monmouth in an astonishingly quick time of two days. In 1900, Rolls drove a 12-horsepower Panhard car in the famous British auto race the Thousand Mile Trial; he also took part in a number of other early long-distance European races. Considered the best driver in Wales, he was reportedly responsible for changing the national speed limit at the time from 4 to 12 miles per hour. Two years later, at the Midland Hotel in Manchester, England, he met with Frederick Henry Royce, an electrical engineer of modest background who had his own engineering business, Royce Ltd., and had built several experimental cars of his own design.

After that historic meeting, Rolls and Royce merged their firms in 1906 to form Rolls-Royce Ltd. The Rolls-Royce Silver Ghost, produced that year, became one of the world's most admired cars. While Royce was responsible for every aspect of car design, Rolls provided the bulk of the financing, as well as the social connections that helped make sales.

Rolls became passionate about aviation, including hot air balloons and early airplanes. In February 1910, Rolls wrote to the inventor Wilbur Wright to complain about the Wright plane he had bought in Europe.

Tragically, on July 12, 1910, Rolls was killed when the tail of his plane snapped off in mid-air during a flying exhibition in Bournemouth, England. He was 32 years old.



## STUDENT EVENT PARTICIPATION

1. S Ajay Kanth (160717736010), won a Sliver Medal in 36th Senior National Rowing Championship conducted at Pune in December 2017.
2. Choragudi arun (160716736013) participated in UDAAN fest at Ace Engineering College in December 2017

## PAPER PUBLICATIONS

1. Md. Fakhruddin Hasan Nizami, Dr. M. Yousuf Ali, Dr. M. Manzoor Hussain. "Hydrogen Enrich Treble Biofuel Blended With Diesel for Performance and Emissions Characteristics on CI Engine". International Journal of Automotive & Mechanical Engineering (IJAME) ISSN: 2229-8649(print); 2180-1606(online). Automotive Engineering Centre, Universiti Malaysia Pahang. Volume-14 Issue – 3, December 2017. UGC Approved.
2. Md. Fakhruddin Hasan Nizami, Dr. M. Yousuf Ali, Dr. M. Manzoor Hussain "Experimental Investigation on CI Engine for Performance, Emission and Combustion Characteristics of Dual Biodiesel Blended in Diesel". International Journal for Research in Applied Science & Engineering Technology (IJRASET). ISSN: 2321-9653. Volume 5 Issue XI, November 2017. UGC Approved.

## SEMINAR CONDUCTED

One day seminar was conducted on "AUTODESK FUSION" by Ramsys info CAD on 24<sup>th</sup> January 2018.

## INTERNATIONAL CONFERENCE:

Mr. V. Durgesh attended the 62<sup>nd</sup> Congress of Indian Society of Theoretical and Applied Mechanics (ISTAM - 2017), jointly organised by Indian Institute of Technology, Kharagpur and University Colleges of Engineering and Science at Osmania University, Hyderabad. from 15-18 December 2017.



*Group Photo of all the Teaching & non-Teaching Staff of the Mechanical Department.*

## TECHNICAL CLUB

The department of mechanical engineering has initiated "Students technical club" in January-2018 and since then it became a surrogate family for a student, helping him/her to grow and explore latent talents in the fields other than academics. The technical club provides a great workspace, the zeal and passion, and ample guidance from faculty & senior-students, apart from providing the necessary platform for realizing their ideas. Further students are motivated to participate in technical national and international events across the country.

Till date students have participated in the following activities

1. Technical Paper presentations in National & International conferences-4 no.
2. Participation in Technical seminars at department level – 8 no.
3. Taking up Innovative projects – 2 batches.
4. Active participation in Technical quiz & other activities – 3 groups.



*Fig: Students giving a seminar presentation as a part of the Technical club.*



(Translated by Dr. USV Prasad from the original telugu poem written by his maternal Grand Father Dr. Mandapaka Sridhar Murthy garu)

Daily, I pray God, who is without the beginning,  
the central place or the end.

He is the smallest in the smallest particles  
having many meanings, forms and cannot  
be destructed. He is Almighty.

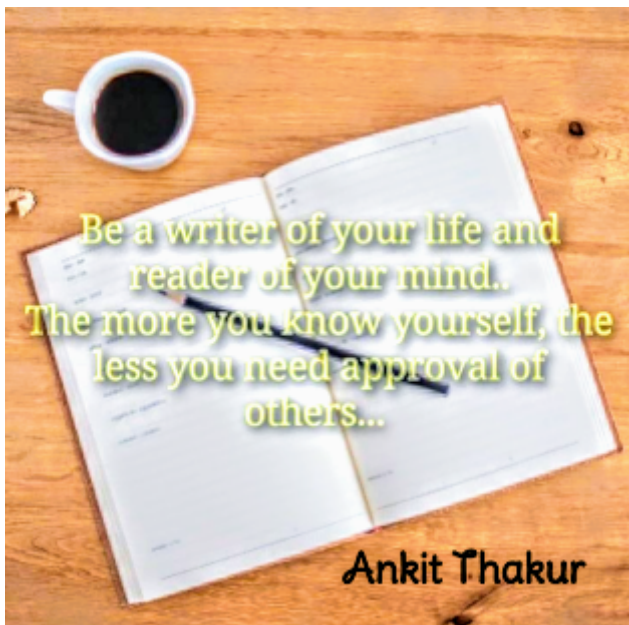
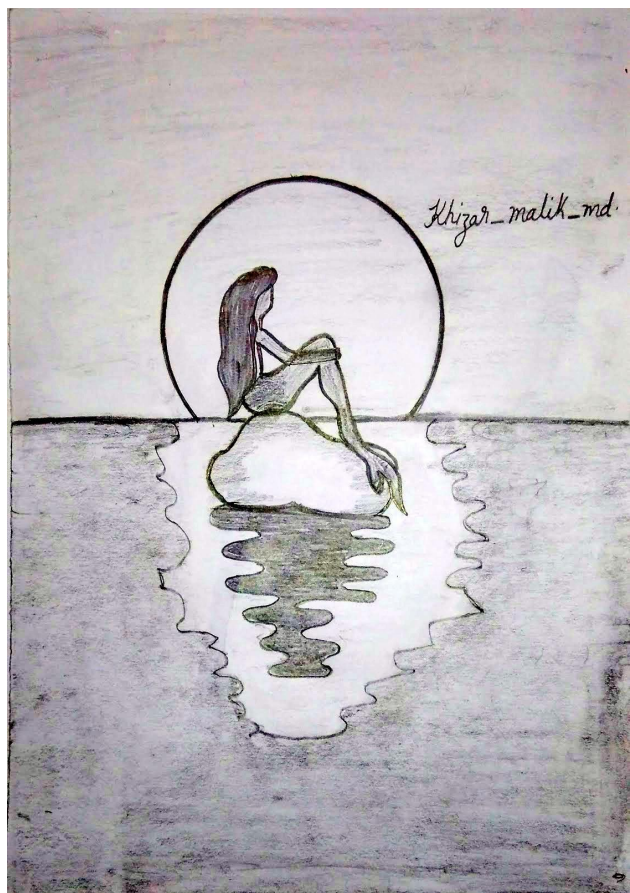
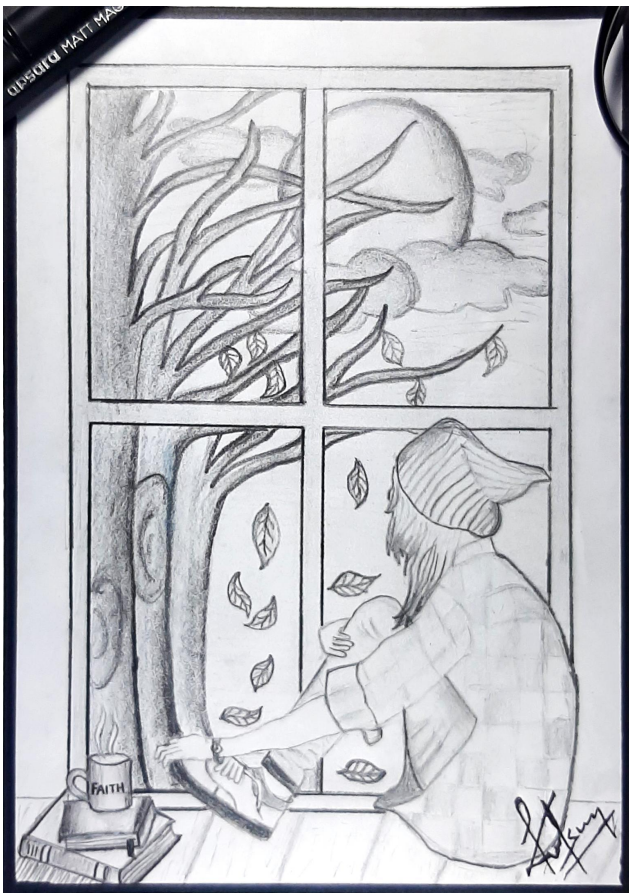
He is my mentor and full of kindness and love.

He comes & graces the minds which are full of Love.

My penance is to keep the total world in  
my inner mind, believing that

'Loving the world is equal to loving The God'.

CREATIVE CORNER



YourQuote.in

Imagine a decade back!  
 Came back from the school tiredly ,  
 Want to take rest but suddenly  
 gully friends call for playing cricket and then  
 without changing the uniform went with friends  
 energetically.

After sunset back to home stuck in front of  
 TV waiting for PowerRangers , Shakalaka ,  
 pokemon ... And the end of day with joyfully,  
 without any tenseny.

May be some loss of happiness .  
 Happy Children's Day

- Abdul Raheem



*Students may submit their creative work to the Magazine In charges for consideration to be included in future versions of the newsletters & magazines.*