



Mechanical and Civil Engineering departments got NBA Accreditation



Accreditation is a process of quality assurance and improvement, whereby a programme in an approved Institution is critically appraised to verify that the Institution or the programme continues to meet and/or exceed the Norms and Standards prescribed by

regulator from time to time. It is a kind of recognition which indicates that a programme or Institution fulfills certain standards.

On September 20th 2019, an expert team from NBA conducted on-site evaluation of Mechanical and Civil Engineering programmes and submitted their report to concerned committee. The committee constituted for NBA has approved Mechanical and Civil Engineering Programmes for three academic years (Till June 2022). The purpose of the accreditation by NBA is to promote and recognize excellence in technical education in colleges and universities - at both the undergraduate and post graduate levels. Institutions, students, employers, and the public at large all benefit from the external verification of quality provided through the NBA accreditation process.

Vision

“ To be a well-recognized department in providing conducive environment for learning, leading to well-qualified engineers who are innovative and successful in their diverse careers”.

Mission

M1: Students: To Prepare, educate, inspire and mentor the students to excel as professionals.

M2: Faculty: To Facilitate in academic and research activities.

M3: Infrastructure: To provide state of the art infrastructure facilities in the field of mechanical engineering.

M4: Teaching Learning: To improve pedagogical methods employed in delivering the academic programs.

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Bagger 288 - The Giant Vehicle of Land

Bagger 288 is one of the world's largest and heaviest moving machines which can move about **240,000 cubic meters** of soil in a single day. The machine took ten years to complete, from design to assembling with a total cost of **\$100 million**. This enormous excavator is as tall as NY's Statue of Liberty (**96 meters**), **225 meters long and weighs about 13500 tons**. It was built in 1978 by the Krupp Company in Germany. This gigantic machine was built to remove the waste before the coal mining at Germany's Hambach strip-mine, and it did the work till 2001. In February 2001, it was moved to TagebauGrzweiler, a surface mine in North-Rhine Westphalia, Germany.

Pacemaker: Prior to 1960, existing pacemakers were incredibly large — about the size of a television — and attached to a patient from the outside. While working as an assistant professor at the University of Buffalo, Wilson Greatbatch was experimenting on an implantable pacemaker that made it much smaller. While developing a heart-recording prototype, Greatbatch grabbed a 1-megaohm resistor instead of the lower power 10,000-ohm one he intended. This led him to believe he ruined his experiment, but instead, he perfected it. With the new resistor in place, the circuit created a signal that sounded for 1.8 milliseconds, then paused for one second. With its smaller size and precise design, the number of lives this invention has saved is incredible.

Training session on Essay Writing

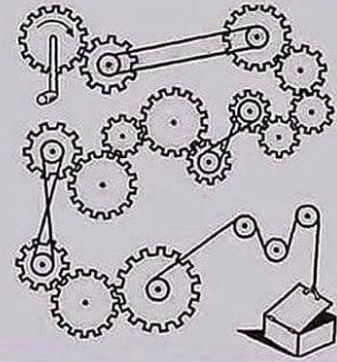
Can You Find!!

Department of Mechanical Engineering under the activities of Mechanical Engineering Students' Association



(MESA) organized a Workshop on “**Essay Writing in Placement Test**” for 7th Semester ME students on 26th October 2019. **Ms. Latha Shetty**, Assistant Professor, Dept. of English gave some key inputs on Essay Writing. Students were made to write an essay on a specific topic.

Does it open or close?



ISO 9001 details must be known to all Mechanical Engineers: Shri Rama Shastry

Fundamentals of TQM



Implementing an effective and robust ISO 9001 Quality Management System (QMS) will help to focus the important areas of your product quality and improves efficiency. The management processes that are established throughout the practice will provide a sound foundation, leading to increased productivity and profit.

Department of Mechanical Engineering under the activities of Mechanical Engineering Students' Association (MESA) organized a Technical Talk on “**ISO 9001**” for 7th Semester ME students on 18th of October 2019 in Sir M. Visvesvaraya Hall, Krishna Chethana Block. A renowned resource person and industry expert, **Sri. Rama Shastry** delivered the talk. About 50 Mechanical engineering students took the benefit of this session.



Department of Mechanical Engineering under the activities of Mechanical Engineering Students' Association (MESA) organized a Technical Talk on “**Fundamentals of Total Quality Management**” for 5th and 7th Semester ME students on 19th of October 2019 in Sir M. Visvesvaraya Hall, Krishna Chethana Block. A renowned resource person and industry expert, **Sri. Rama Shastry** delivered the talk. About 100 Mechanical engineering students have attended this session.

In this session it was clearly deliberated that One of the principles of TQM is the creation of products and services is done right the first time. This means that products ship with fewer defects, which reduce product recalls, future customer support overhead and product fixes.

TELESCOPE

The Chandra X-ray Observatory which was launched in 1999 by NASA is the most powerful and largest (at **45 feet**) x-ray telescope in the world. It was launched to capture images of high energy regions (black holes, dark matter, supernovas, etc.) of the universe for scientists and researchers. The Chandra is named after the famous Subrahmanyan Chandrasekhar, the Nobel Prize winner and is one of the 4 Great Observatories launched by NASA.