

MECHA STROKE

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Issue



DR. AKHILESH DAS GUPTA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

The Department of Mechanical Engineering

NEWSLETTER

DR. AKHILESH DAS GUPTA INSTITUTE OF TECHNOLOGY & MANAGEMENT

VISION

To produce globally competent and socially responsible technocrats and entrepreneurs who can develop innovative solutions to meet the challenges of 21st century.

MISSION

M1. To Provide Value-Based Education through Multi Grade Teaching Methodologies and Modern Education Facilities.

M2. To Sustain an Active Partnership Program with Industry and Other Academic Institutes with an Aim to Promote Knowledge and Resource Sharing.

M3. To Conduct Value-Added Training Programme to Enhance Employability.

M4. To Provide a Conducive Environment for Development of Ethical and Socially Responsible Technocrats, Managers and Entrepreneurs.

DEPARTMENT OF MECHANICAL ENGINEERING

VISION

To produce competent mechanical engineers having distinct employability skills, involving innovative ideas to fulfill societal needs.

MISSION

M1. To provide resourceful education through training and skill upgradation.

M2. To inspire the young dynamic minds towards innovation and research to meet the societal needs and responsibilities.

M3. To strengthen the industry-academia interface for better employability.

PROGRAM EDUCATIONAL OBJECTIVES (PEOS)

PEO1. Graduates shall excel in their career through participation in multidisciplinary fields.

PEO2. Graduates shall develop cost effective innovative technologies and methodologies to solve engineering problems and contribute to sustainable development.

PEO3. Graduates shall have a successful career in academia, industries or as an entrepreneur to serve societal needs.

Mechanical

engineers create and develop mechanical systems for all of humankind. Concerned with the principles of force, energy and motion, mechanical engineers use their knowledge of design, manufacture, and operational processes to advance the world around us — enhancing safety, economic vitality and enjoyment throughout the world.

Mechanical Engineering

Every aspect of life is touched by mechanical engineering. Spanning multiple industries, the career opportunities for mechanical engineers are diverse and found worldwide throughout thousands of companies ranging from large multinational to small local firms.

Carrier in Mechanical Engineering has the obvious focus of setting graduates up for life as an engineer, but there are other options available for those who would prefer a job on the administrative side. Particular job areas include as an engineer in aerospace,

Higher Thinking leads to higher working domains. From CEO to supply chain system, MECH engineers are distributed in every firm. Because of their aptitude in production system and operations capabilities, which probably not any other field gives. Just because of this aptitude a Mechanical engineer

Who designs the things that make the world a better place, help people in need, and help society confront its greatest challenges — of energy, safe water, and transportation?

Who will design the ultra-miniature machines and tiny implantable medical devices of the future that navigate the human body to search for disease and save lives?

And who makes it possible to enjoy the things we take for granted everyday — from your cellphone, iPod, and computer, to roller blades, surfboard, or favorite video game?

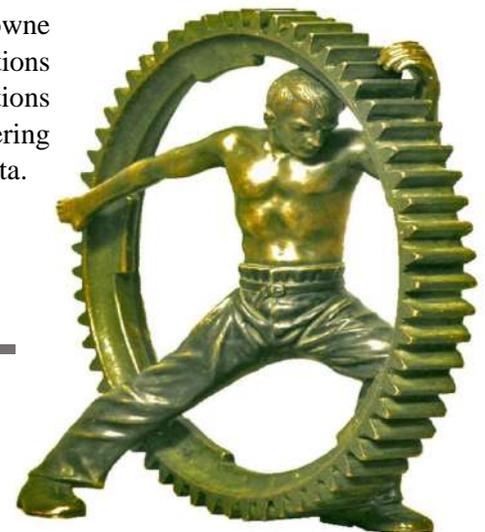
The fact is, engineers are responsible for virtually everything you see or use during the course of your day. For all the challenges and cool solutions mentioned above, chances are a mechanical engineer had, or will have, something to do with it.

Not only do mechanical engineers help design everything from athletic equipment, medical devices and personal computers to air conditioners, automobile engines and electric power plants, they also design the machines that produce these innovation.

Quick: what do Nikola Tesla, Rudolf Diesel, Karl Benz, and Henry Ford have in common? No, they're not all "car parts", but they are Mechanical Engineering graduates! They are some of those who managed to stay on top of their field and bring new and fresh ideas to the table. The point is this: you need to know about the big names in your field and follow their methods, to avoid making rookie mistakes and get inspired when you're stuck.

civil, controls and instruments, maintenance and of course mechanisms. Banking, patents and management are also pathways. Several renowned professional organisations offer specialised positions for Mechanical Engineering graduates, such as Capita.

can fit into a data analyst to business tycoon which particularly requires ability to question profitability and investments.



DEPARTMENTAL ACTIVITIES

Unleashing Potential Beyond Classrooms



Workshop on Education Awareness Program, Bureau of Indian Standards, New Delhi.



*All the **Efforts** in the world won't matter,
If you're not **Inspired**.....*

Workshop on 3-D Printing Technology



The workshop was entirely based on providing information about Harmonious development of standardization, marking and quality certification, ways adopted To provide new thrust to standardization and quality control and To evolve a national strategy for according recognition to standards and integrating them with growth and development of production and exports.



The entire focus of the workshop was to students familiar with all aspects of this technology with a mindset that in today's advanced manufacturing sector 3D printing is one of the most important technological advancement in additive manufacturing which has been implemented and recognized as a part of modern industry as it has many advantages over conventional approach of which one of the most important factor which is time.

INDUSTRIAL VISITS

Department of Mechanical Engineering of ADGITM organised One-Day Industrial visit on 18th October 2018 for the Third year mechanical Engineering students to Omax Autos (Railway Division), Binola, Gurugram.

Sincere Thanks to the Management of Omax Autos for considering our request of visit and heartiest Thanks to Mr. Durgesh Mishra for making this Industrial visit one of the most memorable and informative one for the students.

National Small Industries Corporation, Okhla New Delhi



Omax Autos (Railway Division), Binola, Gurugram

The purpose of the visit to NSIC is to make students familiar with the latest technologies and machines being used in manufacturing sector as in the current education and job scenario, appropriate job-related skills complement a formal degree in any discipline, and increases career opportunities. The job industry too expects the prospective workforce to come prepared.

Congratulations to

Mr. KETAN SINGH of 3rd Year M.E. Branch, for winning BRONZE MEDAL in "MR INDIA DEADLIFT COMPETITION", held at GHITORNI, NEW DELHI- 30.

Well done! You are destined to make it big, you just didn't know it. This recognition is surely deserved and will give you an opportunity to spread your wings.



COURAGE