

The NEWS LETTER

Issue

January to July 2020

A successful technology transformation rests upon four key elements: technology strategy, next gen technology operations, infrastructure and service resiliency, and architecture.

Technology

Tech transformations are expensive. When their ROI lies too far in the future (or is disappointing, as has happened in the past), critical investment is too often pulled back. That doesn't need to happen.

Successful transformations, in contrast, frontload activities that unlock value quickly. Those activities can include agile sourcing strategies, clean-sheeting the portfolio, or optimizing the balance of engineering and non-engineering roles—changes that often unlock millions of dollars.

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Transformation

Developing talent and skills throughout the organization—a fundamental action for traditional transformations—is one of the most important factors for success in a digital change effort. Of our 21 keys to success, three relate to the workforce's digital capabilities. First is redefining individuals' roles and responsibilities so they align with a transformation's goals, which can help clarify the roles and capabilities the organization needs. Respondents are 1.5 times more likely to report a successful digital transformation when this practice is in place.



Department of Mechanical Engineering

MECHA STROKE

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.

FOUNDER'S 31st March 2020

DAY

“ MY IDEA OF SOCIETY IS A RIVER OF EDUCATION AND A STORM OF SUCCESS. MY VISION OF LIFE IS AN OCEAN OF LEARNING AND A TIDE OF HUMANITY
-DR. AKHILESH DAS GUPTA”



A TRIBUTE

to a Person of Philanthropic Vision

Life
ISN'T ABOUT
FINDING
→ yourself
it's about ←
CREATING
yourself

The vision behind setting of educational legacy was to produce a dynamic and vibrant force of technocrats with managerial abilities who can discover and develop innovative solutions to meet the challenge of 21st century. They have implemented all the basic educational principles and postulates, some ideals, rules and regulations in the right earnest in ideal educational situations.

प्रेरणा पूज्य



डॉ अखिलेश दास गुप्ता जी

सुपुत्र स्व. बाबू बनारसी दास जी (पूर्व मुख्यमंत्री, उ. प्र.)
पूर्व केंद्रीय मंत्री, पूर्व मेयर लखनऊ, भारतीय बैडमिंटन संघ के अध्यक्ष
उपाध्यक्ष: बैडमिंटन एशिया परिषद, भारतीय ओलंपिक संघ
संस्थापक चेयरमैन, बी.बी.डी. ग्रुप, वॉयस ऑफ लखनऊ हिंदी दैनिक |
पुण्य तिथि पर विनम्र श्रद्धांजलि
(12 अप्रैल 2020)

CONGRATULATIONS



Our heartiest congratulations to the students who qualified through and become a part of "CAPGEMINI". We wish the students all the good luck towards their way to success.



Illusionist & Mentalist
TEDx Speaker,
More than 2500
shows across
the Globe

An alumnus, An illusionist, A mentalist, Mr Tushar had an exciting discussion with students of various branches of our esteemed institution on Instagram at May 14, 2020 07:30 pm. It was an good event for the students in the pandemic lockdown to get motivated and work on their goals for future in a positive manner.



Elated to announce that members of Swaranjali bagged the first position in the Indian group singing competition at Anugoonj 2020. The singers have once again proved their mettle.

Campus

Showcase

CONGRATULATIONS



Our heartiest congratulations to the students who qualified through and become a part of Samsung R&D. We wish the students all the good luck towards their way to success.



Girls' Football Team of GGSIPU won Gold in GGSIPU Inter College Football Tournament on 30th January, 2020.

27-28 : 2020

July



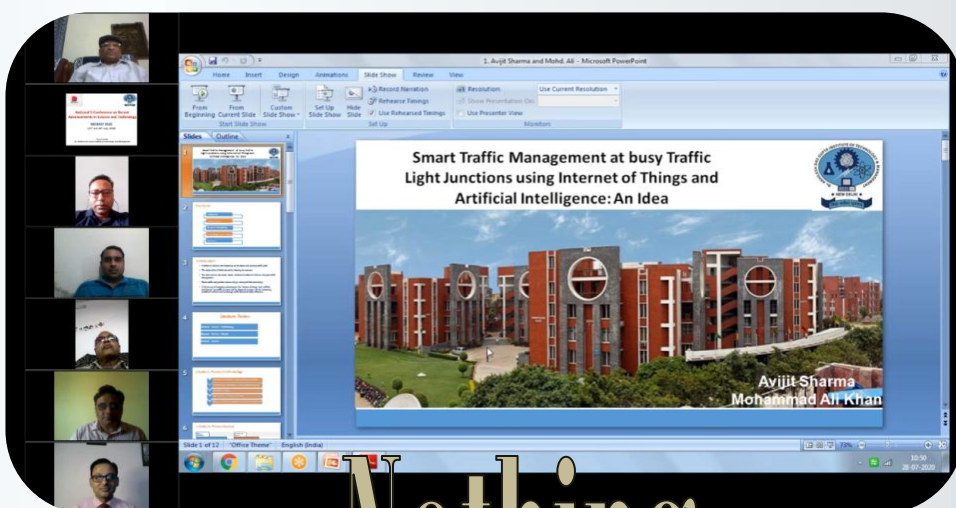
OVERHEATING OF A DIESEL GENERATOR

A generator uses coils of wires which rotate through a magnetic field in order to create voltage. So, whenever the current is flowing through the wires the temperature of the system increases which may lead to generator overheating. Overheating is a problem which is of major concern as it may lead to problems like damaging of the radiator core, melting of components like bearings and crushing of head gasket. Hence overheating reduces the life limit of the generator.

The objective of NECRAST 2020 is to present recent advancements of researchers, scholars and developers to aid growth in science and technology. The conference will feature paper presentations as well as keynote speeches by prominent speakers who will focus on related state-of-the-art technologies in the areas of the conference.

NATIONAL E-CONFERENCE ON

RECENT ADVANCEMENTS IN SCIENCE & TECHNOLOGY



Nothing can stop you
Once you are determined
Enough

NECRAST 2020
Analysis and Aerodynamic Stability on Design of Low cost and Economical Monocopter

Harshil Bhandari
UG Scholar, Department of Mechanical Engineering
The LNM Institute of Information Technology, Jaipur

NECRAST 2020

Guest Lecture



A Guest Lecture for 2nd and 3rd Year students conducted by APTRON Solutions INDIA PVT Ltd., New Delhi. On Mould Design.

The key role of this guest lecture on education front is to make students aware about recent innovations in Industries on the grounds of Mould Designs, CNC Machines & Casting Technologies which gave the companies and Industries the standardization it needed for innovation, commercial growth, quality production and comprehensive efficiency.

DEPARTMENT Chronicles



Congratulations

National Level Electric Kart Championship, Season 3, 2020. Organized by Credible Future India Pvt. Ltd, Bhopal in March 2020. Third year MAE/ME Students secured Second Position.

This visit was entirely based on providing information about Industrial Developments on account of CNC machines and coding related to it. Students were enthusiastic to carry on their further studies in this sphere after knowing the importance of this domain in coming industrialization phase.



 **BABU BANARASI DAS ENGINEERING COLLEGE, LUCKNOW**
 AKTU College Code: 508
Faculty Development Program (FDP)

Faculty of Department of Mechanical Engineering attended FDP on Moodle – Learning Management System. Spoken Tutorial Project IIT Bombay in coordination with BBD University, from 15-19 May 2020

Seminar

Working with Innovation

Faculty of Department of Mechanical Engineering attended a webinar on World Metrology Day 2020. Topic – Measurements for Global Trade. Organized by The BIPM-OIML Resource Center is jointly operated by the Bureau International des Poids et Mesures (BIPM) and the International Organization of Legal Metrology (OIML).



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