2022-23
EDITION

ITM
— GIDA Gorakhpur —

SANDESH

NEWSLETTER

INFORM • INSPIRE • INNOVATE

ACADEMICS
Excellence in Education

INNOVATION
Ideas that Transform

COMMUNITY
Together We Achieve

ACHIEVEMENTS
Milestones & Beyond



"Empowering Minds, Enriching Futures.

LEARN For Life | LEAD With Purpose | SERVE The Society | SUCCEED With Integrity

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DIRECTOR'S MESSAGE

Dear Readers,

It gives me immense pleasure to present the ITM GIDA Newsletter (Session 2022–2023), which reflects the remarkable achievements, innovations, and vibrant academic activities of our institution.

At ITM GIDA, we believe that education extends beyond classrooms. Our focus is on nurturing young minds with technical competence, entrepreneurial spirit, ethical values, leadership qualities, and a commitment to lifelong learning. Throughout this academic session, our students have actively participated in seminars, workshops, innovation challenges, entrepreneurship programmes, and social initiatives, bringing laurels to the institution through their outstanding achievements.

The innovative projects showcased in this newsletter highlight our continuous efforts to encourage research, creativity, and problem-solving abilities that contribute meaningfully to society and the nation. Such accomplishments reinforce our commitment to creating an ecosystem that promotes innovation, skill development, and industry-oriented learning.

I sincerely appreciate the unwavering efforts of our faculty members, students, administrative staff, alumni, industry partners, and all stakeholders who have contributed to the success of the institute during this session.

I hope this newsletter serves as an inspiring record of our collective journey and motivates everyone to strive for even greater accomplishments in the years ahead.

Best Wishes!

Dr. N. K. Singh
Director

A Seminar on World Entrepreneurs Day



Seminar on World Entrepreneurship day

World Entrepreneurs Day was organized on 21st August 2022 at the Institute of Technology & Management, GIDA Gorakhpur. On this occasion an interactive session of Mr. Vijay Tiwari, President, Indo European Chamber of Small and Medium Enterprises (IECSME), was conducted. It was a motivational session for the students and faculty to promote entrepreneurship culture. The objective of the program was to inculcate entrepreneurship temperament among the students. The session conducted by Mr. Vijay Tiwari was very informative and effective. Team members of IECSME Ms. Laxmi Thakur Sin ghal and Mr. Manoj Singh also participated actively.



Institution's Innovation Council Regional meet at Dr. APJ Abdul Kalam Technical University, Lucknow



The Institution's Innovation Council Regional meet was organized at Dr. APJ Abdul Kalam Technical University, Lucknow on August 29, 2022. On this occasion Hon'ble Vice Chancellor of AKTU Prof. Pradeep Mishra, CIO MHRD Innovation Cell Dr. Abhay Jere, AKTU IIC President Dr. Anuj Kumar Sharma, Asst. Innovation Director MoE Innovation Cell Mr. Dipan Sahu and other dignitaries were present.

A technical model of 'Wireless Flood Alert Alarm' was presented by the final year students of ITM GIDA, Himanshi Shahi, Anshika Singh, Deepa Gupta, Pooja Yadav, Vijya Rani and Beauty Mishra. The students earned a lot of appreciation for their work. Faculty members Mr. Sanchit Khare and Dr. Harvedra Kumar Patel also attended the regional meet. The regional meet was organized to motivate and implement the programmme of innovation and start up in various institutions affiliated to AKTU.



AKTU Merit Rankings Bring Laurels to ITM GIDA



Priya Pal & Rajeev Mani Tripathi

Students of Institute of Technology and Management (ITM), GIDA, Gorakhpur achieved remarkable success in the Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow state-level branch-wise merit rankings. Priya Pal, a final-year MBA student, secured 4th Rank**,** while Rajeev Mani Tripathi, a final-year Mechanical Engineering student, secured 9th Rank, bringing pride to the institute, their families, and the region.

Priya Pal, an alumna of ITM's B.Tech (Civil Engineering) programme, and Rajeev Mani Tripathi attributed their success to the guidance of their teachers and the unwavering support of their parents. Both students are currently pursuing successful careers through campus placements Priya Pal as a Relationship Manager at HDFC Bank and Rajeev Mani Tripathi as a Site Manager at Rostraff Steels**.**

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** congratulated the students on their outstanding achievement and said, "These accomplishments reflect the quality of education and academic excellence at ITM. Our mission is to provide world-class technical and professional education to talented students from both urban and rural areas, enabling them to excel in their careers and contribute to society."

National Women Excellence Awards 2022



The National Women Excellence Awards 2022 were organized at the Institute of Technology and Management (ITM), GIDA in collaboration with Kamdhenu Chair of Indo European Chamber of Small and Medium Enterprises (IECSE) and Yoga Confederation of India.

In this program organized on the occasion of International Day for the Elimination of Violence against Women, women were honored for outstanding work in different fields. The students displayed their talent by putting up stalls.

The programme was inaugurated by Institute Secretary Shyam Bihari Agarwal, Director Dr. NK Singh and IECSME Chairman Vijay Tiwari. Shyam Bihari Agarwal said that the objective of the program is to take the better works of women to every section of the society.

ITM Students Develop AI-Based Firing Helmet for Defense Personnel



AI based Firing Helmet developed by ITM Gorakhpur Studets

Students of ITM Gorakhpur have developed an AI-based Firing Helmet designed for defense and security forces. The helmet is equipped with GPS tracking and can send photos and videos directly to the control room, improving monitoring and communication during operations. The innovative system enables real-time situational awareness, allowing command centers to make faster and more informed decisions during critical missions. It is also designed to enhance coordination among security personnel, ensuring improved operational efficiency and rapid emergency response in challenging environments.

Director Dr. N. K. Singh stated that this innovation reflects ITM's commitment to technological advancement and research-driven learning. He emphasized that such student-led innovations not only demonstrate technical excellence but also contribute significantly to strengthening national security by enhancing the safety and operational support of soldiers in critical situations. He further encouraged students to continue developing practical, technology-driven solutions for the benefit of society and the nation.

Digital Women's Power Safety T-shirt



ITM Student innovators displaying the Digital Women's Power Safety T-Shirt

Supriya Pandey and Sandeep, two students of Gorakhpur ITM Gida BTech Computer Science, have created a T-shirt for the safety of women, which will become a weapon for lone women in secluded places.

Digital Women's Power Safety T-shirt The special Bluetooth button in this T-shirt can be attached to the Bluetooth of any mobile and set the 3 numbers of the family, if needed, the button Bluetooth in the T-shirt can be pressed and the location can be sent to the family members for help, so that their people can reach the spot in time and help, but until the family members or police help During that time, a current of 2000 volts starts running in the digital T-shirt which will protect the woman from anti-social elements. The t-shirt operates for four to five days on a single charge and is available at an affordable cost of approximately Rs 1,200. This innovative creation has the potential to significantly enhance women's safety and instil a greater sense of security in their everyday lives.

Dr. N.K. Singh, Director of the college, said that our students are constantly working for the safety of women, this time they have innovated Digital Women's Safety T-shirt.

Smart Ravana Dahan Using Mobile Technology



A glimpse of the mobile-operated Ravana Dahan developed by students of ITM GIDA, Gorakhpur.

Students of the B.Tech programme at ITM GIDA, Gorakhpur demonstrated their innovative spirit by developing a mobile-controlled Ravana Dahan system during the Dussehra celebrations. Instead of the traditional flaming arrow, the effigy was ignited remotely through a mobile phone, showcasing the practical application of engineering skills and modern technology. The innovation highlighted the institute's focus on creativity, technical excellence, and experiential learning.

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** said, "Innovation is best demonstrated when technology is applied to real-life situations. Such projects encourage our students to think creatively, develop practical solutions, and contribute to technological advancement with confidence."

Innovation for Women's Safety: Smart Jacket by ITM Students



Demonstration of the Smart Safety Jacket developed by ITM GIDA students

Students of the B.Tech programme at ITM GIDA, Gorakhpur have developed an innovative Smart Safety Jacket designed to enhance women's security through technology. The jacket integrates advanced safety features, including a built-in camera for recording incidents and an electronic shock mechanism intended to deter attackers in emergency situations.

The project was conceptualized, designed, and developed entirely by a team of B.Tech students, who worked on everything from the jacket's design to the integration of its electronic components. The innovation demonstrates the students' ability to apply engineering knowledge to address real-world social challenges.

Explaining the project, the student team said, "The Smart Jacket has been designed with women's safety in mind. In an emergency, its built-in safety mechanism can help protect the wearer and discourage an attacker, while the integrated camera can assist in recording evidence."

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur, said, "At ITM, we encourage students to develop technology-driven solutions that address societal needs. The Smart Safety Jacket reflects our commitment to innovation, practical learning, and creating technologies that can contribute to a safer society."

Smart Wireless Anti-Suicide Ceiling Fan Rod



Students of ITM GIDA exhibit their innovative Ceiling Fan Rod project before faculty members.

Four first year students of Gorakhpur ITM Engineering College, BTech Computer Science, Avinash Varun, Anurag Pandey, Anuprash Gautam, Aditya Chaudhary, have jointly invented (Smart Wireless Anti-Suicide Ceiling Fan Rod) which can help in saving people from suicide with ceiling fan.

The smart anti-suicide fan rod made by the students is equipped with wireless technology, with the help of this technology, if a person tries to commit suicide by hanging himself from the fan in a hotel, guest house or hostel room, then the information about the incident along with the room number is given to the hotel manager, hostel warden, guest house operator, The alarm goes through the indicator light so that the person's life can be saved by reaching the room in time.

Director of ITM College, Dr. N.K. Singh said that there is an Innovation startup cell in our college in which students research on their innovative ideas and make new inventions in the field of science in the interest of the country and society.

Entrepreneurship Awareness Programme Organized by Ministry of Micro, Small & Medium Enterprises



KVIC Assistant Director Mr. Sanjeev Rana addressing participants during the MSME Awareness Program

A National Star Entrepreneurship Awareness Programme was organized under the joint aegis of Institute of Technology and Management, GIDA, Gorakhpur, Ministry of Micro, Small and Medium Enterprises, Government of India. KVIC Assistant Director Sanjeev Rana, who was the chief guest at the event, said that it is very important to organize such a program to make the youth entrepreneurs, he said that the goal is to make the youth self-reliant through various employment generation programs of the Central Government Expressing gratitude to the Chief Guest, Director of the Institute Dr. N.K. Singh said that in today's time, if the youth want to achieve success, then they should be proficient in skill development.



Workshop on “Financial Literacy and Soft Skill Development”





Under the brand ‘Femina’ is organized a series of workshops under its ‘Femina Spark’ campaign in association with the Government of Uttar Pradesh. Femina is an Indian magazine owned by Worldwide Media, a wholly owned subsidiary of the Times Group. Committed to celebrating women and womanhood, Femina, India’s leading women’s brand with a history of 62 years of women’s empowerment, is back in Uttar Pradesh with its novel initiative ‘Femina Spark’.With a mission to ‘light up her spirit’, Femina has joined hands with the government of Uttar Pradesh to shine the spotlight on powerful stories of its fearless female leaders and iconoclasts to inspire women and spread awareness on women’s safety and dignity.

Alumni Meet 2022-23



Distinguished Alumini celebrating lifelong bonds at Alumni Meet 2022, ITM GIDA, Gorakhpur.

ITM GIDA, Gorakhpur successfully organized **Alumni Meet 2022**, bringing together alumni from various batches to reconnect with their alma mater and celebrate their shared journey. The event provided a platform for meaningful interactions between alumni, faculty members, and current students.

During the programme, alumni shared their professional experiences, career achievements, and valuable insights, motivating students to develop the skills and confidence required for a successful future. The gathering also strengthened the institute's alumni network and encouraged long-term collaboration between graduates and the institution.

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** remarked, "Our alumni are the true ambassadors of the institute. Their achievements reflect the quality of education and values imparted at ITM. We remain committed to maintaining a strong and lifelong relationship with our alumni, whose guidance continues to inspire and benefit our students.*"*

Engineering Students make Sensored smart pot on World Environment Day 2023

On the occasion of World Environment Day 2023, first-year engineering students of the Institute of Technology and Management GIDA Gorakhpur have created a sensored smart pot that will inform through an alarm if there is a shortage of water in the plants. This model was prepared by first year engineering students Ayush Kumar, Akash, Avantika Sahni and Anshika Singh, together with two 9 volt batteries, an indicator, a buzzer, pot, sensor and transistor etc.

Students told that through this model, if we forget to water the plants after planting them or there is a lack of water in the plants, then the alarm will ring through the sensor installed in it, so that we will know that the plants need water. Students told that this model will be further developed and it will be made more advanced using solar system and artificial intelligence.

Dr. N.K. Singh, Director of the Institute expressed happiness on this occasion and congratulated all the students. On this occasion, President of the Institute Neeraj Matanhelia, Secretary Shyam Bihari Agrawal, Treasurer Nikunj Matanhelia, Joint Secretary Anuj Agrawal, Deans of all faculties, Heads of departments of all departments and all teachers expressed happiness.



PARAMPARA 2023 Opens with Grandeur at ITM GIDA



Lighting the lamp of knowledge and celebrating the richness of culture- PARAMPARA 2023

The Opening Ceremony of PARAMPARA 2023**,** the annual cultural and technical fest of ITM GIDA, Gorakhpur, was inaugurated with great enthusiasm and vibrant cultural performances. Students from various departments participated in the inaugural event, setting the stage for a series of technical competitions, cultural activities, and creative performances. The ceremony reflected the institute's commitment to promoting talent, teamwork, innovation, and holistic development.

Shri Shyam Bihari Agrawal, Secretary, ITM GIDA**,** said, *"*PARAMPARA provides students with a platform to showcase their creativity, leadership, and cultural values while fostering confidence and teamwork."

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** said, *"*PARAMPARA is a celebration of talent, innovation, and learning beyond the classroom. Such events help students develop leadership qualities, creativity, and a spirit of collaboration, preparing them for future challenges."

12th Convocation Celebrates Academic Excellence at ITM GIDA



ITM GIDA, Gorakhpur proudly organized its 12th Convocation Ceremony, celebrating the academic accomplishments of graduating students. Degrees and medals were awarded to meritorious students in recognition of their outstanding performance, marking the beginning of a new chapter in their professional journey.

The Chief Guest, Prof. R. K. Khandal, Former Vice-Chancellor, Dr. A.P.J. Abdul Kalam Technical University, Lucknow, congratulated the graduates and said, “Success comes through continuous learning, innovation, and ethical values. I encourage every graduate to use their knowledge and skills to make a meaningful contribution to society and the nation.”

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** said, “The 12th Convocation is a proud moment for our students, faculty, and parents. We remain committed to nurturing competent professionals and responsible citizens who are ready to meet the challenges of a dynamic world.

Ramcharitmanas Recitation and Sanskrit Antakshari Celebrate India's Cultural Heritage



Students participate with enthusiasm in the Ramcharitmanas Recitation and Sanskrit Antakshari Competition

As part of PARAMPARA 2023**,** the Institute of Technology and Management (ITM), GIDA, Gorakhpur organized Ramcharitmanas Recitation and Sanskrit Antakshari Competition, witnessing enthusiastic participation from students. The event aimed to promote India's rich cultural and literary heritage while encouraging students to develop an appreciation for Sanskrit and traditional values.

The competitions were judged by Dr. Prangesh Kumar Mishra and Dr. Abhishek Pandey, who appreciated the participants for their knowledge, confidence, and impressive performances.

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** said, "Events like these help students connect with our rich cultural heritage while enhancing their confidence, communication skills, and appreciation for Indian traditions.

Cervical Cancer Awareness Campaign at ITM GIDA



The Institute of Technology and Management (ITM), GIDA, Gorakhpur organized a Cervical Cancer Awareness Campaign for its students and faculty. Dr. Anjali Jain, Gynaecologic Oncologist**,** conducted an interactive session highlighting the importance of early detection, HPV vaccination, regular screening, and preventive healthcare in reducing the risk of cervical cancer.

Dr. N. K. Singh, Director, ITM GIDA, Gorakhpur**,** said, "Health awareness is an essential part of holistic education. Such programmes empower students with the knowledge to adopt preventive healthcare practices and lead healthier lives."

