

PATRON

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Indira Gandhi Institute of Technology
(An Autonomous Institute of Govt. of Odisha)
Sarang, Dhenkanal, Odisha - 759146

IOT: REVOLUTIONIZING MANUFACTURING SYMPOSIUM

WHERE MACHINES MEET INTELLIGENCE

Organized by:
Department of Mechanical Engineering
Date: 8th-10th November, 2024

ABOUT THE INSTITUTE

It feels immense pleasure to draw your attention towards the salient features of our dignified institute. Indira Gandhi Institute of Technology, Sarang, is one of the oldest (43 years old) premier technical institutes of the Govt. of Odisha. IGIT, Sarang, is declared an autonomous institute by the University Grants Commission (UGC), New Delhi. We are proud to be an AICTE-approved, NBA-accredited institute. With an annual student intake of close to 700 for B.Tech and 400 for M.Tech across various programs, we also offer degrees in MCA, Ph.D., M.Sc., and Diploma in different disciplines.

ABOUT THE PROGRAMME

The IoT: Revolutionizing Manufacturing symposium, hosted by IGIT Sarang, aims to explore IoT innovations in manufacturing. It brings together industry leaders, academic researchers, students, and professionals to discuss the transformative impact of IoT on modern manufacturing processes. The event will focus on IoT integration in production efficiency, predictive maintenance, and energy management. Participants will engage through interactive sessions, hands-on workshops, and practical exhibits on Industry 4.0 and AI-driven manufacturing solutions.



PAPER PRESENTATION

Papers invited from different themes include, but are not limited to, the following ones:

Modern trends in engineering, IoT in smart manufacturing, Predictive maintenance, Industrial automation, Sustainable engineering, Alternate refrigerant, Energy-efficient building, Advanced materials and composites, AI in manufacturing, Robotics for precision production, etc.

Original papers based on theoretical or experimental work are solicited for presentation.

IMPORTANT DATES:

Abstract submission: On or before 17th October, 2024
Notification of acceptance: 21st October, 2024
Final paper submission: On or before 30th October, 2024

ACTIVITIES

- Quiz
- Automobile Exhibition
- Robotics Exhibition
- CAD Modeling
- IoT

EVENTS

- Demonstration of Humanoid Robot and Drone Display
- Demonstration of 3D Printing
- Demonstration of Royal Enfield Bike

WHO CAN APPLY ?

UG and PG students from any branch of an AICTE-approved engineering institute or university are eligible to apply. No registration fee is charged for the participants. Prizes will be awarded to winners of each activity, and certificates will be awarded to all participants.

HOW TO APPLY ?

- Interested participants can register by using the link or by scanning the QR code.
- <https://forms.gle/d5YXkf8gpNYp7gN7>



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