



IIT PALAKKAD

Nurturing minds for a better world

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15 SEPTEMBER 2023

# SAHYADRI TRAILS

A fortnightly round up of IIT Palakkad



## Scrap to Sensor: Research Team Innovates E-waste for Bio-Sensing

Research team led by Dr. Abdul Rasheed P and Dr. Praveena Gangadharan developed an innovative platform using discarded LCD panels to detect the presence of Dopamine in human serum samples.

[Read more](#)



## Sustainable Construction Innovation: IIT Palakkad bags "Autodesk Imagine Awards 2023"

The Engineering Works Division (EWD) of IIT Palakkad received the remarkable recognition for implementing state-of-the-art technologies into the Campus Construction Project, with a particular focus on CDE and BIM implementation

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Mitra Hosts Workshop to Boost Students' Self Confidence

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Annual Techno-Cultural Fest, Petrichor Kick Starts with Pre-fest Workshops

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## NEW PARTNERSHIP

- IIT Palakkad enters into a transformative partnership with the **Malaviya National Institute of Technology (MNIT) Jaipur**. This MoU opens avenues for diverse collaborative initiatives, promoting joint research, academic projects, and community-based endeavors related to environment, water & sanitation, and climate change assessment and impact evaluation.
- IIT Palakkad inks MoU with the **Grid Controller of India Limited**. This MoU fosters research initiatives aimed at addressing critical issues within India's power sector.



## TECHNICAL SESSIONS

- **Bamboo Applications for Sustainable Engineering: A Deep Dive** by Mr. KP Murthy, member of the Governing Council of the Bamboo Society of India on 4 September 2023
- **The Extension of Planar Biholomorphism via the Visibility Property** by Dr. Anwoy Maitra, Inspire faculty at IIT Kanpur on 6 September 2023
- **A City of Men? Masculinities and Everyday Gendered Violences in Urban India'** by Dr. Shannon Philip, Assistant Professor of Sociology at the University of East Anglia, UK on 6 September 2023
- **Bio Mechanical Aspects of Nature** by Prof. Navin Kumar, Dean (Research and Development) at IIT Ropar on 7 September 2023
- **Stimuli-Controlled Colloidal Assembly: Particle Patterning to Liquid Marble Fabrication** by Dr. Subramanyan Namboodiri Varanakkottu, Assistant Professor in Physics at NIT Calicut on 13 September 2023



**GLIMPSES OF IAC 5.0**  
15-16  
SEPTEMBER 2023

