

## Technical Symposium on Futuristic Technologies (2-3<sup>rd</sup> Dec, 2022)

Futuristic technologies encompass a range of cutting-edge advancements that have the potential to revolutionize various aspects of human life. These technologies often integrate artificial intelligence (AI), robotics, nanotechnology, and biotechnology. AI-driven automation and machine learning are transforming industries by optimizing processes and decision-making. Robotics is advancing with the development of autonomous vehicles, drones, and humanoid robots. Nanotechnology enables the manipulation of matter at the atomic and molecular level, leading to breakthroughs in medicine, energy, and materials science. Biotechnology is advancing gene editing, personalized medicine, and bio-inspired innovations. Smart Grid is another important thrust area that has been explored in the workshop. Together, these futuristic technologies hold immense promise for creating a more efficient, sustainable, and interconnected future. The Eureka Prize Problems society, under the mentorship of Dr. Souvik Ganguli and Dr. Amit Kumar organized the Technical Symposium on Futuristic Technologies on 2-3<sup>rd</sup> Dec, 2022 in association with Eduroutes, Chandigarh.



TECHNICAL SYMPOSIUM ON

# FUTURISTIC TECHNOLOGIES

### DAY 1 SPEAKERS



**DR. AMIT KUMAR**  
Topic: Smart Grid



**DR. NIRAV KARELIA**  
Topic: Power Quality



**MS. RUPALI SINGH**  
Student Presenter  
Topic: Parameter Estimation of Solar Photovoltaic Systems

### DAY 2 SPEAKERS



**DR. SOUVIK GANGULI**  
Topic: Modern Control Techniques



**DR. TAPSI NAGPAL**  
Topic: Quality Education



**MS. SONAL VAISHNAV**  
Student Presenter  
Topic: Delta Operator based Control Systems

## DEC 2 & 3, 2022

## AT 05:00 - 06:30 PM IST