



Backward Class Youth Relief Committee's

K.D.K. COLLEGE OF ENGINEERING NAGPUR (M.S.)



SPARK'21



XVII Online National Conference on Emerging Technology & Trends in Engineering

12th June , 2021

Special Award for Innovative Research Contents

Best Paper Presentation Award in each Discipline

PAPER PRESENTATION
Group of 3 to 5 author
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* Certificates will be issued to all the registered participants.

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Important Dates
Last date of submission of Paper
08th June, 2021

TOPICS:

- Area 1: Mechanical Engineering**
- New Trends in Automobile
 - Mechatronics -Nano Technology
 - Thermal Engineering -Robotics
 - Non-Conventional Energy System
 - New Trends in Manufacturing
 - CAD/CAM/CAE & Design
 - Six Sigma/Lean Manufacturing
 - Refrigeration,Air Conditioning & Cryogenics
 - Low Cost Automation
 - Finite Element Analysis
- Area 2: Electrical Engineering**
- Power Generation, Transmission and Distribution
 - Renewable Energy Technology
 - FACTS and It's Application
 - Energy Audit and Management
 - Drives, Control & Automation
 - Power Quality Monitoring & Measurement
 - Recent Trends in Electrical Engg.
 - High Voltage Engineering and Insulation Tech.

- Area 3: Civil Engineering**
- Computer Application in Civil Engg.
 - Earthquake Resistant Structure
 - Rehabilitation of Structures
 - Environmental Engg.
 - Geo-Technical Engg.
 - Hydraulics Engg.
 - Smart Material/ Smart Structure
 - Structural Engineering
 - Advances in Civil Engineering
- Area 4: Electronics Engineering**
- Analog Electronics (Applications)
 - Fuzzy Logic & Neural Network
 - Biometric/ Bio-Informatics
 - Wireless Communications
 - Advance Sensors
 - CMOS and VLSI
 - DSP and DIP
 - Robotics & Embedded system

- Area 5: Computer and Information Tech**
- Grid / Cloud Computing
 - Distributed & Parallel Computing
 - Image Processing & Computer Vision
 - Internet of Things(IoT)
 - Deep Learning
 - Artificial Intelligence
 - Evolutionary Computing
 - Business Intelligence
- Area 6:Basic Science & Humanities**
- Engineering Materials & Their Scope
 - Energy Conservation -Green Chemistry
 - Laser and Its Application
 - Application of Fiber Optics
 - Luminescent materials & Its application LED, Solar Cell etc.
 - Application of Differential Equation in Engineering
 - Numerical Method to solving Differential Equation
 - Importance of Communication
 - Ethics in Professional Life

- Area 7: M.B.A.**
- Impact of Social Media
 - Unemployment in Current Scenario Causes & Cure
 - Mutual Funds-An Emerging Investment Option

