



NATIONAL LEVEL TECHNICAL SYMPOSIUM

UNIQUE 2K22



Registration Fee Rs. 200/-

Students are invited to submit their innovative ideas in the following topics but not Limited

DEPARTMENT OF AERONAUTICAL AND AEROSPACE ENGINEERING

Paper Presentation Topics:

1. Spacecraft Structure
2. Advanced Propulsion
3. Avionics
4. Aerodynamics
5. CFD
6. Aerospace Materials
7. Unmanned Aerial Vehicle
8. Navigation system
9. Launch vehicle
10. Aerospace guidance and control
11. Spacecraft systems
12. Machine learning for Aerospace Engineering

Events

1. Water Rocketry
2. Paper Plane
3. AirCrash Investigation

Name : Mr. S. Rajkumar, AP
Mail id : aerohod@dsengg.ac.in
Phone : 73731 80060

DEPARTMENT OF AGRICULTURAL ENGINEERING

Paper Presentation Topics:

1. Agricultural machinery
2. Advanced Irrigation Techniques
3. Soil & water Engineering
4. Automation in farming, Remote sensing and GIS
5. Renewable energy in agricultural
6. Food and Dairy Engineering

Events

1. Farm layout design
2. Tech talk about farm machineries

Name : Mrs.R.Anbarasi, AP
Mail id : dsecagri@gmail.com
Phone : 89460 59480

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Paper Presentation Topics:

1. Artificial Intelligence
2. Green Computing
3. Deep learning Applications
4. Natural language Processing
5. Block chain Technology
6. Robotic Surgery
7. Cognitive Computing
8. AI Based Semantics
9. Generative AI & GAN
10. Cloud Computing

Events

1. Code Debugging
2. Brain Combat (Quiz)

Name : Mr. E.Vimalraj, AP
Mail id : aihod@dsengg.ac.in
Phone : 93841 05690

DEPARTMENT OF BIO MEDICAL ENGINEERING

Paper Presentation Topics:

1. Advanced biomedical instrumentation
2. Applications of Biomaterials and Biomechanics
3. BIO-MEMS
4. Medical Imaging Techniques
5. Assist and Prosthetic Devices
6. Telehealth Technology
7. Wearable Devices
8. Brain interlacing
9. High tech -Diagnosis

Events

1. Bio war - Quiz
2. MED-TALK Technical Talk

Name : Mr R.Ragul Kanna, AP
Mail id : bmehod2.dsec@gmail.com
Phone : 79047 25614

DEPARTMENT OF CHEMICAL ENGINEERING

Paper Presentation Topics:

1. Effluent treatment in petrochemical and chemical process industry
2. Application of neural network in chemical process
3. Solar energy and its application in chemical process industry
4. Computation fluid dynamics
5. Carbon sequestration Digitalization and automation in chemical process industry
6. Water desalination
7. All techniques in heat and fluid flow
8. Measurement techniques for heat and mass transfer
9. Carbon Nanotubes synthesis and application
10. Novel separation processes

Events

1. Chem Quiz
2. Equip talks (video)

Name : Mr.C.Manimaran, AP
Mail id : chemfest22@gmail.com
Phone : 78120 24769

DEPARTMENT OF CIVIL ENGINEERING

Paper Presentation Topics:

1. Environmental Waste Management
2. Construction Materials
3. Robotics and Automation in Civil Engineering
4. Recent Trends in Geotechnical Engineering
5. Sustainable Techniques in Structural Engineering

Events

1. Quiz
2. Model Making

Name : Ms.N.Summathi, AP
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Phone : 75025 80367

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Paper Presentation Topics:

1. Cloud Computing
2. Data Science
3. Bitcoin and cryptocurrency
4. AI techniques
5. Grid Computing
6. Python for Data science

Events

1. Multimedia presentation
2. Codeathon

Name : Mrs. B.DEEPIKA, AP
Mail id : csehod@dsengg.ac.in
Phone : 9941996438 / 9944145690

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Paper Presentation Topics:

1. Nanoelectronics
2. Artificial intelligence
3. Cyber security
4. 5G
5. VLSI technology
6. Photonics
7. IoT Technologies
8. Real Time Embedded Technologies
9. Wireless Communication/Networks
10. Image/Signal Processing

Events

1. Paper presentation
3. Poster presentation
2. Quizathon
4. Circuit debugging

Name : Mr.N.Khadar Basha, AP
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Paper Presentation Topics:

1. Renewable Energy Technologies
2. Smart Grid
3. Electric Vehicles
4. Energy Storage Technologies
5. Waste to Energy Technology
6. IOT in Industrial Automation
7. Power Electronics Advancements
8. Power Quality Improvements
9. Control Technologies for RES
10. Advanced FACTS controllers

Events

1. Connecticals
2. Master Mind
3. Poster Presentation

Name : Mr. V. Vinothkumar, AP
Mail id : eeehod@dsengg.ac.in
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DEPARTMENT OF FOOD TECHNOLOGY

Paper Presentation Topics:

1. Food Safety and Microbiology
2. Food Engineering
3. Food processing technologies
4. Product development
5. Non Destructive Analysis
6. Food Waste Valorization
7. IOT in Food Sector
8. Cereal Technology
9. Food Nano Technology
10. Post Harvest Technology

Events

1. Grap you think
2. Sensis

Name : Ms.B.Shirin fragana, AP
Mail id : foodtechod@dsengg.ac.in
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DEPARTMENT OF INFORMATION TECHNOLOGY AND MASTER OF COMPUTER APPLICATION

Paper Presentation Topics:

1. Edge Computing
2. Machine Learning
3. Blockchain Technology
4. Cyber Security
5. Internet of Things (IOT)
6. Big Data Analytics
7. Surface Computing

Events

1. Code crack
2. Technical Quiz

Name : Mr. S.Saravanan, AP
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DEPARTMENT OF PHARMACEUTICAL TECHNOLOGY

Paper Presentation Topics:

1. Clinical Pharmacology
2. Current Therapeutic drugs
3. Nanotechnology
4. Environmental Biotechnology
5. Pharmaceutical Biotechnology
6. Biochemical Pharmacology & Toxicology
7. Pharmacokinetics
8. Plant Biotechnology
9. Pharmacovigilance
10. Biomaterials

Events

1. Bioscope
2. Master mind
3. Techno meme
4. Technical connection

Name : Mr. S. Sathiyaraj, AP
Mail id : pharmafest2022@gmail.com
Phone : 97913 84549

DEPARTMENT OF MECHANICAL ENGINEERING

Paper Presentation Topics:

1. Lean Manufacturing
2. Material Science
3. Non Destructive Techniques
4. Automotive Systems
5. Renewable Energy
6. Production and Energy Management
7. Computational Fluid Dynamics
8. Thermal Engineering

Events

1. CAD Modelling
2. Technical Quiz

Name : Mr.S.R.Parthiban, AP
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DEPARTMENT OF ROBOTICS AND AUTOMATION

Paper Presentation Topics:

1. Robotics in Indian Industry - Future Trends
2. The future of Robotics Technology
3. Artificial Intelligence, Robotics and its Impact on Society
4. Machine Learning in Robotics
5. Medical and space Robotics
6. Smart phone based Robot for Domestic Purpose
7. Multipurpose Robot for Agribusiness Utilizing android smartphone

Events

1. Master minds - Quiz
2. Eloquent Presenter - Extempore Speech
3. Davinci Code

Name : Mr. G.Chandrasekar, AP
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Phone : 95664 99884

MBA

Paper Presentation Topics:

1. Innovation in Business and Managements
2. Social Innovation
3. Green Innovation
4. Emerging Issues in Managements
5. Office Systems Managements
6. Technology Managements
7. Innovative Work force Diversity
8. Innovative Branding Strategies
9. Innovative Corporate Social Responsibilities
10. Management of Techno Entrepreneurship

Events

1. Business Quiz
2. Ad-Zap

Name : Mrs.N.Suguna, ASP
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DATE: 30.09.2022

FRIDAY

Attractive Prizes for All the Winners

Note

Paper : Send soft copy to the concern Department Mail ID.

DHANALAKSHMI SRINIVASAN ENGINEERING COLLEGE (AUTONOMOUS)

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Re-Accredited with 'A' Grade by NAAC, Accredited with TCS.
Re-Accredited by NBA (BME, ECE & EEE)
Thuraiyur Main Road, PERAMBALUR - 621 212

Important date: Last date for Submission of Paper: 20-09-2022 | Acceptance Intimation: 23.09.2022