

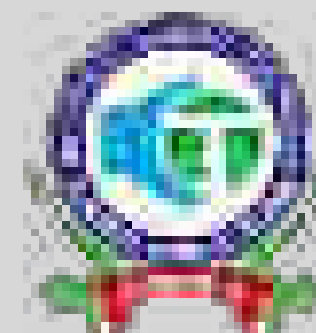


THE CHEMFEST  
**VORTEX 9.0**



# VORTEX 9.0

THE CHEMFEST



## TOPICS

### Undergraduate Category

1. Catalysis and Catalytic Processes
2. Heat transfer Equipment and Reactor Design
3. Membrane Separations and Novel separation processes and their Applications
4. Food Product Development
5. Innovations in colouring, dyeing, oleochemicals and textiles processing
6. Applications of Oil-based paints
7. Drug Repurposing and Drug Delivery
8. Novel Processes and Advances in Plastics, Packaging, Paints and Polymers
9. Synthetic biology, Bioinformatics, Industrial Biotechnology and Genetic Engineering
10. Applications and advances in Nanomaterials, Nanoscience and Nanotechnology
11. COVID19: vaccines, clinical trials, spread, biological aspects, drug development and preventions

### Open Category

1. Wastewater Treatment Methods, Green Chemistry and Technology, Sustainable Methods in Chemical Engineering, Waste and Plastics Management and Clean Energy
2. Preparation methods, Effluent Treatment, Chemistry and Quality analysis of Natural and Synthetic Dyes
3. Catalysis and Catalytic Processes
4. Novel Technologies and advances in Surfactants, Biofuels, Polymers and oleochemicals
5. Food Preservation, Non-thermal Technology, Food Chemistry and technology, Perfume intermediates and Sensory evaluations and synthesis of flavours, oils and Fragrances
6. Novel methods in drug and cosmetic delivery, discovery and medicine management
7. Recent Advances in Nanomaterials, Nanoscience and Nanotechnology
8. Process Modelling and Simulations
9. Hydrogen Fuel cells, Solar cells and innovations in other battery technologies
10. Novel separation processes, Bioseparations and Membrane Separations
11. COVID19: vaccines, clinical trials, spread, biological aspects, drug development and preventions

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