

ONLINE-INTERNATIONAL CONFERENCE

On

Innovative Technology in, Chemical, Bioprocess, Textile, Mining Engineering, Energy Technologies and Environmental Dynamics for Sustainable Development (TECHNOVA-2021)

Organized by:

“Krishi Sanskriti” New Delhi

On

08th August, 2021

- All the sessions will be conducted in “Online Mode”.
- All the participants will be provided a web link for joining with detailed schedule before the Conference.
- E Certificates and online publication links will be sent to the participants through emails.

CALL FOR PAPERS AND CONFERENCE

THEMES:

The Organizer cordially invites abstracts and full length research papers for oral/poster presentation from all over the World to participate in the *Online-International Conference on Innovative Technology in, Chemical, Bioprocess, Textile, Mining Engineering, Energy Technologies and Environmental Dynamics for Sustainable Development (TECHNOVA-2021)* is the premier forum for the presentation of new advances and research results in the fields of theoretical, experimental, applied aspects. The conference will bring together leading researchers, Entrepreneurs and Academicians in the domain of interest from around the world. Topics of interest for submission include various subthemes, but are not limited to the conference aims at providing an opportunity for exchange of ideas and dissemination of knowledge among Scholars for Sustainable Development. All contribution should be of high quality, Original and not published elsewhere or submitted for publication. During the review period, Papers will be reviewed by eminent scholars in the respective areas. All Selected papers will be published as chapters in edited book/conference proceedings having ISBN and few high-end papers will be published in international Journal having ISSN which will be issued to authors after publication.

All selected papers will be published in International Journal having ISSN No. in online version and that will be released on the day of conference.

THEMES:

Chemistry and Chemical Engineering Fundamentals

- Chemical engineering equipment design and process design, Catalysis & reaction engineering
- Chemical engineering fundamentals

- Chemical reaction engineering
- Distillation, absorption and extraction, Ionic liquids/electrolyte solutions
- Interfacial & colloidal phenomena
- Particulate systems, Rheology, Multifase flows
- Physical, Theoretical and Computational Chemistry, Chemical engineering educational challenges and development
- Transport phenomena in porous/granular media, Membranes and membrane science, Crystallization
- *Bioprocess Engineering and Application Biology*
- Biochemical Engineering, Biotechnology
- Biotechnology applied to production of new and better quality food
- Conservation biology, Developmental biology, Evolutionary biology, Evolutionary genetics, Food science
- Delivery of the final product
- Energy and environment, Forest product processing, Milk product processing
- Health sciences, Immunogenetics, Immunology, Medical imaging, Molecular biology, Neuroethology, Neuroscience, Pharmacogenomics, Pharmacology, Structural biology
- Improvement of environmental remediation processes, Food process technology and engineering
- Physical chemistry and thermodynamics for life sciences and biotechnology
- Product Engineering in the Bio Industries, Self-organisation in the Bio-sciences and elsewhere
- Systems biology, Proteomics
- The impact of bio-based polymeric materials, Biochemical and bio-molecular engineering, Bioengineering and biomedical engineering, Biological and Medicinal Chemistry

Textile Engineering

- Recent developments in fibers and polymers
- Advancements in yarn and fabric manufacturing
- Advancements in coloration and finishing
- Recent developments in apparel manufacturing
- Textile Composite Materials
- Developments in textile machinery
- Sustainability, environment and clean technologies
- Water and energy conservation in textile industry
- Protective, medical and geo-textiles
- Recycling in textiles
- Use of nano and biotechnologies in textiles
- Modelling and simulation in textiles
- Productivity and quality management in textile manufacturing processes
- Computer applications in Textiles
- 3D Textiles

Fashion and Textile

- Textile Chemistry and Finishing
- Textile Dyeing and Printing
- Fashion and textile product design
- Garment industry and merchandise
- Clothing science and technology
- Quality control and testing in textile branch
- Composites material
- Nano Textiles
- Nonwoven
- Spinning, weaving and knitting
- Technical Textiles
- Function Textiles
- Ecotextiles-sustainability development
- Marketing and supply management
- Fiber science and smart textile
- Natural dyes and dyeing

Digital Textile

- Market updates
- Industry strategies
- Transfer Vs direct printing
- Digital fashion
- Sportswear and apparel
- Serving interior markets
- Environmental impacts
- Digital textile inks
- Case studies from leading printers and end-users and much more

Textile Engineering

- Actions in the Blowroom Section
- Advanced Fabric

- Advanced Garments Manufacturing
- Advanced Physiological Aspect of Clothing
- Advanced Wet Processing
- Advanced Yarn
- Agricultural Applications of Textiles
- Air-jet Spinning
- Apparel Design and Manufacturing
- Apparel Manufacturing Technology
- Apparel Merchandising
- Application of Computer in Textile
- Basic Operations in the Blowroom
- Bio Technolgy in Textile Industry
- Blending
- Blow Room
- Boiling and Dyeing Technology
- Break Spinning
- Carding
- Carding Machine
- Centrifugal Spinning
- Chemical Structure of Fibres
- Classification of Tetile Fibers
- Coloration Technology
- Commercially Popular Systems of Spinning
- Construction of Elementary Weaves
- Conversion of Filaments to Fibres
- Crighton Opener Machine
- Defects and Remedies of Dyed Material
- Design and Manufacture of Textile Equipment
- Development of Weave form Elementary Basis
- Developments in Yarn Spinning Technology
- Digital Printing
- Digital Printing Technology
- Dispersion Spinning
- Draw-Spinning
- Dry Spinning
- Elements of Woven design
- Energy Saving and Emission Reduction
- Fabric Manufacturing Technology
- Fabric Structure and Design
- Factors for Ring Traveller Selection
- Fashion & Design Technology
- Fashion Illustraion& Collection
- Fibers for the Next Generation
- Fibre Fineness: Technical Significance
- Fibre Testing
- Finishing Technology
- Flash Spinning

- Flyer Spinning
- Friction Spinning
- Fundamental of Textile Science and Technology
- Future of Textile Industry
- Garments Manufacturing
- Gauze and Leno Structure
- Idea of Machine or Equipment Data Acquisition Thorough Serial and Parallel Ports
- Idea of Simple macro Programming in Excel for Spinning and Weaving Calculations
- Innovation of Industry Chain of Textile and Apparel
- Knitting Technology
- Mechanics of Flexible
- Mechanics of Textile Reinforced Materials
- Melt Spinning
- Microstructure and Macrostructure of Fibres
- Modern Methods in Textile Manufacturing
- Multi-axial Fabrics
- Nano Technology in Textile
- Natural Fibres Vs Man Made Fibres
- Neural networks in Fabric Engineering
- New Methods in Textile Testing and Analysis
- New Spinning Processes
- Open-end Spinning Processes: Advantages
- Physical Chemistry of Dyeing
- Pile Structures
- Plasma Technology in Textiles
- Pollution Control and Treatment of Dyeing & Finishing
- Process of Cotton Carding
- Processing of Manmade Fibres in the short staple mill
- Reaction Spinning
- Recycling Process Textile Waste
- Ring Spinning
- Rotor Spinning
- Silk Fibroin Protein Based Biomaterials
- Solubilised Vat Colours
- Some Studies of fabrics produced by dyneemafibres for Defence applications
- Special Testing of Interlaced and Textured Yarns
- Staple Fibre Spinning
- Structures and Properties of Polymers
- Study of Sound Damping Properties of Non-Wovens in Protective Equipment
- Tapestry Structures
- Mining Engineering***
- Advanced Metalliferous Mining

- Advanced Mine Planning
- Advanced Mine Ventilation
- Application of Artificial Intelligence in Mining
- Automation and Remote Control of Mining
- Coal Mines Regulations and Metalliferous Mines Regulation
- Computer Applications in Mining
- Development of Mining Legislations in India
- Evaluation of drilling and blasting methods for underground and surface mines
- Explosives. Initiation systems and accessories for blasting in the underground mines
- Fundamentals of drilling technology
- Fundamentals of rock mechanics instrumentation
- Ground Control Instrumentation
- Latest Mine Machinery
- Mine Fires and Disasters
- Mine Fires and spontaneous heating
- Mine planning
- Mine Pumps
- Mining Induced Subsidence Engineering
- Mining of Deep Seated Deposits
- Mining Under Difficult Geological Situations
- Modern Design of Mine Opening
- Operations Research in Mining
- Principles of blast round design for single and multi-row
- Provisions of Mines Act and Mines rules
- Rock Drivage Machines
- Rock Excavation Engineering
- Rock Mechanics Application to Environmental Problems
- Rock Slope Technology
- Safety Risk Assessment & Management in Mining
- Status of Metalliferous Mining Industry in India
- Strata Control Technology
- Surface & Underground Mining Systems
- Technology of underground excavation
- Tunneling
- Underground Metalliferous mining

IMPORTANT DATES

Abstract Submission:

Abstracts not exceeding 250-300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at info.technovaconference@gmail.com on or before **31st July, 2021.**

Submission of Full Length Research Paper & Copyright Form:

Full length research paper, maximum in 6 pages and copyright form should be submitted together as separate attachment latest by **2nd August, 2021** through email at info.technovaconference@gmail.com

Submission of Registration Details:

Submission of Registration Form/Details: **6th July, 2021**. Registration process can be initiated after receiving acceptance letter of full paper.

MANDATORY STEPS TO BE FOLLOWED:

1. Abstract should be maximum 300 words, full length research paper should be maximum 6 pages.
2. In case of multi authored research paper, at least one Registration is mandatory.
3. All Selected papers will be available online after 10 to 25 days of conference date over, in order to download the papers the authors need to go in the publication section of Krishi Sanskriti website.

Registration

The participants are requested to register by sending the duly filled Registration form through e-mail alongwith their research paper and registration fees **(through RTGS/Wire Transfer or Online Transfer)**.

Bank Details mentioned below for **RTGS/Wire Transfer or Online Transfer:**

Beneficiary Name : **Krishi Sanskriti**

Bank Name : **Canara Bank**

Bank Address : **Jeet Singh Marg, New Delhi**

Account No. : **1484101026988**

Account Type : **Saving**

IFSC Code : **CNRB0001484**

Swift Code : **CNRBINBBID**

Registration Charges:

Categories	Indian Delegates	Rest of the countries
Academic Faculty/Industrial Delegates	2000 INR	100 USD
Research Scholars(Ph.D.)	1500 INR	75 USD
Students (UG and PG)	1200 INR	50 USD
Additional Pages as chapter in edited book/proceeding /in Journals	300 INR	20 USD
Only Certificates	300 INR	20 USD
Additional Research paper for same authors	800 INR	35 USD

For further information and latest updates visit our Website

<https://www.krishisanskriti.org/technova2017.html>

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