



International Conference
on
Recent Advances in “Chemical, Bioprocess, Textile,
Fashion Technology and Mining Engineering”
(CBTFM-2019)

Organized by
“Dr. G. C. Mishra Educational Foundation”

On
27th April 2019

Venue: Jawaharlal Nehru University, New Delhi

CALL FOR PAPERS AND CONFERENCE THEMES:

The Organizer cordially invites abstracts and full length research papers from all over the World to participate in the **International Conference on “Recent Advances in “Chemical, Bioprocess, Textile, Fashion Technology and Mining Engineering” (CBTFM-2019)** Topics of interest for submission include various subthemes, but are not limited to the conference aims. The aim of the **CBTFM-2019** conference is to provide a forum for laying the foundations of a new principled approach to Chemical, Bioprocess, Textile, Fashion Technology and Mining Engineering. To this end, the meeting aims to attract participants with different backgrounds, to foster cross-pollination between different research fields, and to expose and discuss innovative theories, frameworks, methodologies, tools, and applications 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 in International Journal having ISSN No./ Conference proceeding/ As a chapter in edited book with ISBN No.

Themes:

Chemical, Environmental, and Process Engineering

- Intelligent polymers
- New materials & structured products
- Process Control and Instrumentation
- Process Development & Process Intensification, Reaction Engineering and Catalysis
- Product innovation, development and economics, Advanced Separation Processes
- Scale up and Process plant safety, Transport Phenomena, Nanotechnology
- SCF as solvent substitutes

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

Multi-scale and/or Multi-disciplinary Approaches

- Controlled release of the active ingredient, Energy & nuclear sciences
- Mathematical modeling in chemical engineering, Macromolecular Science and Engineering, Advanced materials processing
- Mathematics for Chemistry, CFD & chemical engineering, Food engineering, Nanomaterials
- Process system, instrumentation and control, Product engineering and product development, Product design & innovation, Nanomanufacturing

Systematic Methods and Tools for Managing the Complexity

- Economics and Business Management
- Multiscale modeling, Process synthesis & design, Process control & operations, Process Safety Management
- Process Analytical Technology - PAT, Software architecture, standards and interfaces
- Supply chain management & business decision support, Advances in computational & numerical methods, Safety & risk management systems

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-organization in the Bio-sciences and elsewhere
- Systems biology, Proteomics

Textile

- 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

- Acrylic and elastomeric fibers Apparel and Handicrafts
- Basic (cationic) and direct dyes
- Bleaching
- Chemical constitution and color
- Clothing science and technology
- Color, color specification and color matching
- Cotton, flax, viscose and cellulose acetates
- Determination of mixture of fibres
- Disperse and mordant dyes
- Dyes, acid and azoic dyes
- Fabric preparation
- Fabric technology
- Fashion and textile product design
- Fiber polymers and fiber properties
- Fiber science and smart textile
- Fibers, dyes and color chemistry
- Garment industry and merchandise
- Nano Textiles
- Narrative textile Art and Craft
- Natural dyes and dyeing
- Nonwoven
- Nylon and polyester fibers
- Optical properties of textile fibers
- Reactive, sulfur and vat dyes
- Spinning, weaving and knitting
- Technical Textiles
- Textile Chemistry and Finishing
- Textile Dyeing and Printing
- Textile fibres
- Textile materials and processing
- Textiles industry
- The cellulosic fibers
- The protein fibers

- The synthetic fibers
- Wool and silk

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 Technology in Textile Industry
- Blending
- Blow Room
- Boiling and Dyeing Technology
- Break Spinning
- Carding
- Carding Machine
- Centrifugal Spinning
- Chemical Structure of Fibres
- Classification of Textile Fibers
- Coloration Technology
- Commercially Popular Systems of Spinning
- Construction of Elementary Weaves
- Conversion of Filaments to Fibres
- 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
- Fashion & Design Technology
- Fashion Illustration & 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

- 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
- Special Testing of Interlaced and Textured Yarns
- Staple Fibre Spinning
- Study of Sound Damping Properties of Non-Wovens in Protective Equipment
- Tapestry Structures
- Tensioning Device
- Textile Aesthetics and Color Science
- Textile Chemical Analysis
- Textile Chemical Processes
- Textile Chemistry
- Textile Costing and Management
- Textile Finishing and Printing
- Textile Manufacturing Process
- Textile Physics
- Textile Printing Technology
- Textile Process Design and Quality Control
- Textile Raw Material
- Textile Reinforced Materials Structures
- Textile Testing
- Textile Trade
- Textiles in Civil Engineering Applications
- The Super-Fiber with New Performance
- Types of Selvedges and Their Weaves
- Ultra Sonic Assisted Wet Processing
- Unconventional Looms
- Utility Services and Maintenance of Textile Machinery
- Vortex Spinning System
- Waste Spinning
- Wet Procession Technology
- Wet Spinning
- Yarn Manufacturing Technology
- Yarn Testing

Mining Engineering

- Advanced Metaliferrous Mining
- Advanced Mine Planning
- Advanced Mine Ventilation
- Application of Artificial Intelligence in Mining
- Automation and Remote Control of Mining
- Computer Applications in Mining
- Development of Mining Legislations in India
- 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
- Strata Control Technology
- Surface & Underground Mining Systems
- Technology of underground encavation
- Tunneling

Important Dates

Last date of Abstract Submission:

22nd April 2019.

E-mail: info.conference2017@gmail.com

Last date of Full Length Research Paper & Copyright Form submission:

23rd April 2019.

E-mail: info.conference2017@gmail.com

Last date of Submission of Registration Details:

24th April 2019

Accommodation

Free one day Accommodation will be available to the limited no. of out station non N.C.R. Delegates at JNU guest house and nearby other guest houses/hotels around conference venue.

The Tariff rate for next day and subsequent day accommodation is as follows: Double-bed Room @ Rs.900/- per person (Indian non N.C.R. delegates) and 35 USD for Foreign delegates on sharing basis per day (check out time noon to noon).

To and fro transportation facility from guest house to the conference Venue will be provided by the organizer.

NOTE: In case Research article is accepted by the editorial committee it will be published and released on the day of conference in case the delegates are not able to physically present their paper due to some or other reason his/her research paper will be published (in absentia) and published copy along with certificate will be dispatched to his/her correspondence address by post just after the conference at no extra cost. **All communication should be by e-mail/online only (no hard copy is required to be posted).**

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. In case other author/co-author wish to physically attend the conference they need to pay full Registration fees individually, separate Journal & Certificate along with the conference kit will be issued to them. Co- Authors are requested to fill & submit separate Registration forms in case they are physically attending the conference.
4. Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
5. Co-Authors will not be considered as accompanying person. Listeners are not entitled for free accommodation (it will be on

paid basis). However they will be issued conference kit and participation certificate.

All Selected papers will be available online after 15 to 20 days of conference date over.

Registration

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

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

**Beneficiary Name : Dr. Govind Chandra Mishra
Educational Foundation**

Bank Name : Canara Bank

Bank Address : Jit Singh Marg, New Delhi

Account No. : 1484101037210

Account Type : Saving

IFSC Code : CNRB0001484

Swift Code- : CNRBINBBID

Registration Charges:

Categories	Indian Delegates	Rest of the countries
Academic faculty/Industrial Delegates	3000 INR	250 USD
Research Scholars(Ph.D.)	2500 INR	200 USD
Students(UG and PG)	2000 INR	150 USD
Printing of Additional Pages as chapter in edited book/proceeding /in Journals	400 INR	20 USD
Listener / Accompanying Member (only Indian Delegates)	1000 INR	**
Print copy of research article as chapter in edited book/ proceeding/ Journal & Certificate (additional copy) for Co-Authors (if required in absentia)	700 INR	30 USD
Only Print copy of research article as chapter in edited book/ proceeding /Journal (additional copy) for Co-Authors (if required in absentia)	400 INR	25 USD
Only Certificates (Co-Authors in absentia)	400 INR	20 USD
Additional Research paper for same authors	1000 INR	35 USD

****Foreign Participants as listener are not allowed, only authors from foreign country/countries will be allowed in this conference.**

For further information and Latest Updates

E-mail: info.conference2017@gmail.com

Visit our Website:

<http://www.krishisanskriti.org/cbtfm27.html>

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Organizing Secretary**

**Dr. G. C. Mishra
Convener**