3rd International Conference
On
Innovative Research in Sciences, Technology, Agriculture, Environment, Business Management and Humanities
(STAEBM-2023)

Prof. (Dr.) Rakesh Sehgal,
NIT Srinagar Kashmir
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MME

Organized by:
**The Department of "Metallurgical and Materials Engineering",
NIT Srinagar, *Jammu and Kashmir* – 190006 and
"Krishi Sanskriti" New Delhi**

Dr. Y. Mehta
Associate Professor,
MME
(Chairman)

On
13th -14th May, 2023

Venue: NIT, Srinagar, Jammu and Kashmir, India
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Dr. G.C. Mishra
President,
Krishi Sanskriti
(Convener)

About our Institutes

National Institute of Technology, Srinagar is one of the premier Educational Institutes in the Northern Regions of the country. It was established in 1960 and has been one of the eighteen Regional Engineering Colleges sponsored by the Govt. of India during the 2nd Plan. The Institute acquired the status of National Institute of Technology with deemed to be University status during August, 2003 and attained full autonomy in its Academics.

The Institute is situated at the banks of world-famous Dal Lake, with the far-famed Hazratbal Shrine on other side of the campus. NIT Srinagar is a residential Institute. Besides running the B.Tech Programme the Institute also offers M.Tech programme in many streams. In addition to that a large number of students are registered for M.Phil and Ph.D. Programmes.

The Institution has an Industry Interaction cell which was established in 1989 with the aim to remain at the fore-front on the Scientific and Technological development and to share its experience with industries in utilizing. The Institute has one of the best technical library in J&K State.

Call for Papers and Conference Themes

The 3rd International Conference on Innovative Research in Sciences, Technology, Agriculture, Environment, Business Management and Humanities (STAEBM-2023) in NIT, Srinagar, Jammu and Kashmir, India aims to bring together academia, researchers and students in order to exchange and share their experiences and research results about all aspects of specialized and interdisciplinary fields. This event provides an opportunity for all to network, share ideas and also present their research work. In addition, discussion on the latest innovations, trends and practical concerns and challenges faced in these fields are also encouraged.

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 conference proceeding with ISBN and few high-end papers will be published in international journals having ISSN which will be issued to authors on the day of conference.

There will be best paper presentation awards in Oral/Poster category.

Topics of interest for submission include, but are not limited to:

Science

Geometric Analysis, Complex Phenomena in Physical, Chemical and Biological Systems, Stochastic Process and its Applications, Numerical Techniques and Simulations, Advance Physics, Photonics, Optical fiber, Advanced chemical Engineering, Energy and Environmental Biotechnology, Process system, Environmental sustainability, Process dynamics and control, Bio informatics. Animal physiology, Animal Management, Animal Anatomy, Animal Ecology, Animal Breeding, Animal Nutrition, Poultry Science, Insect Sciences, Biochemistry, Molecular Biology, Cancer Biology, Energy technology, Various types of pollutions and their control and climate change.

Materials Science and Mechanical Engineering

Advanced Manufacturing Techniques, Advanced Computational Fluid Dynamics, Atomistic simulations, Biomechanics, CAD/CAM/CAE, Dynamics and Vibration, Fluid dynamics, Fluid mechanics, Internal Combustion Engine, Lean manufacturing, Production Processes, Material and Energy recovery, Nanotechnology, Railway engineering, Recent trends in Heat and Mass Transfer, Underwater Acoustics Technologies, Aeronautical Engineering, Materials Science and Engineering, Materials Processing Technology, Metallic Alloys, Tool Materials, Superplastic Materials, Ceramics and Glasses, Composites, Amorphous Materials, Nanomaterials, Biomaterials, Multifunctional Materials, Smart Materials, Engineering Polymers, Functional materials, Nuclear fuel materials, Sensors and surfaces, Thin Film Chalcogenide Photovoltaic Materials, Nuclear Materials IV, Magnetic Materials, Multi Functional Magnetic Materials, Superconducting Materials, Structured Materials, Spintronics Materials and Devices, Hard/Soft Magnetic Materials, Crosscutting materials, Materials Properties, Measuring Methods and Applications, Ductility, Crack Resistance, Fatigue, Creep-resistance, Fracture Mechanics, Mechanical Properties, Corrosion, Erosion, Wear Resistance, Non-Destructive Testing, Reliability Assessment, Toxicity, Working Properties of Materials and Products.

Civil, Architecture and Environmental Engineering

Environmental Engineering, Civil Engineering Design and Materials, Coastal Engineering and Management, Construction Technology, Earthquake Engineering, Computational Technologies in Concrete, Cost, Time, Quality, and Safety Management, Design and Engineering Management, Fiber Reinforce of Concrete, Green & Intelligent building, Hydraulics and Hydro-Power Engineering, Information Technology in Construction, Land and Construction Surveying, Structural Engineering, State-of-the-Art in Construction Engineering and Management, Sustainability in Civil Engineering, Sustainability in Geotechnical engineering, Thermo-Mechanics in Concrete, Hydrology, Transportation Engineering, Types of Tunnels & Construction Methods, Landscape architecture, Architectural Studies, Rebuilding, Interior Architecture, Housing architecture, Sustainable Architecture, Architectural Design, Urban planning, Built environment.

Computer Science & Information Technology

Bioinformatics and Scientific Computing, Computational and Artificial Intelligence, Computer Architecture, Embedded Systems & Games, Computer Graphics & Virtual Reality, Computer Modeling, Cloud Computing, Computer Security & Information Assurance, Data Structure, Data Communications, Network, security Forensic, Data Compression and Encryption, Database System, Data Mining and Web Mining, E-Learning, e-Business, Enterprise Information Systems and e-Government, Graphics & Animations, Mobile and ubiquitous computing, Multimedia networking, Network programming and architecture, Search Engine Design & Optimization, Software Engineering & development, Software safety, security, Privacy and risks, Cyber and network security, IT policy and business management, Image and Signal Processing, Recent Trends in Information technology, Robotics and Automation, Wireless ad hoc and sensor networks, Internet of things.

Electronics and Electrical Engineering

Advanced power electronics, Computational EM, Communication Electronics and Microwave, Communication Network and Systems, Control & instrumentation, Complex Adaptive Systems, Data communication and computer networking and Nano-electronics, Embedded system and VLSI, Electrical Engineering Materials, Electronic Instrumentation Using CAD Tools, Electromagnetic Compatibility, High Voltage Insulation Technologies, Microelectronic System, Modulation and Signal Processing for Telecommunication, Power System Analysis, New trend in wireless and mobile communication, Robot technology, Renewal Energy, RF and Microwave, Radar Technique, Sensing and sensor network, Sig

Agriculture

Plant Biology, Photochemistry, Plant Breeding, Plant Protection, Interactions Botanical Drugs, Soil Science, Soil Contamination, Soil Conservation, Soil Productivity, Soil Biology, Biological Chemistry, Environment Pollution, in Agriculture, Food Sciences and Technology, Agricultural Economics, Plant Pathology, Crop science, Horticulture, Nutrient management, Agroecology, Organic Agriculture, Agriculture Information Technologies, Agricultural Operations Management, Agricultural Production Engineering, Post Harvest Problems and their Solutions, Dry Land Agricultural Farming Systems (including stress biology), Climate Change and Biodiversity (plants, pests, beneficial organisms).

Environment

Ecosystem Management and Sustainable Development

Global environmental change and ecosystems management, Integrated ecosystems management, Environmental restoration and ecological engineering, Habitat reconstruction, Biodiversity conservation, Landscape degradation and restoration, Soil decontamination, Environmental sustainability, Environmental systems approach, Renewable sources of energy-energy savings, Clean technologies, Sustainable cities

Atmospheric science and air pollution control

Atmospheric physics, Meteorology, Climate and climatic changes, Global warming, Ozone layer depletion, Carbon capture and storage, Biofuels, Air pollution and control, Emission sources, Atmospheric modeling and numerical prediction, Interaction between pollutants, Control technologies, Air emission trading, Indoor air pollution

Solid Waste Pollution Control and Resource Utilization

Solid waste management, Waste minimization, Optimization of collection systems, Recycling and reuse, Waste valorization, Resource management, Technical aspects of treatment and disposal methods (landfilling, thermal treatment etc), Leachate treatment, Legal, economic and managerial aspects of solid waste management
Management of hazardous solid waste

Business Management

Management

Modern Management, Human Resource Management, Organizational Behavior, Leadership, Strategic Management, Strategic Human Resource Management, Managing People and Organisation, Production and Organizations, Hospital Management, Production/Operations Management Managing Change, International Business, Management of Small Business, Entrepreneurship, Entrepreneurial Development, Management Science, Operations Management, Business Dynamics, Strategic Policy and Entrepreneurship, Managing Multinational Enterprise, Environmental Management, Public Institutions Management, Governance, Supply Chain Management, Hospitability Industry Management, Information technology Management ,Contemporary Issues in Management, and all other Management areas.

Humanities

Gender, Governance, Education, Laws, Anthropology, History, English, History, Linguistics, Literature, Philosophy, Politics, Psychology, Religious studies, Social Sciences, Mass communication, Women's studies, Aesthetics, Geography, Music, Arts, crafts, Culture, Education, Library Sciences, Various Management Practices, Economics.

Mathematics/ Statistics

Algebraic Geometry, Algebraic Topology, Approximation Theory, Calculus of Variations, Category Theory, Homological Algebra, Coding Theory, Control Theory, Cryptology, Geometry, Difference and Functional Equations, Discrete Mathematics, Dynamical Systems & Ergodic Theory, Field Theory and Polynomials, Fuzzy Mathematics, General Algebraic Systems, Graph Theory, Group Theory and Generalizations, Integral Equations, Lattices, Algebraic Structures Linear & Multilinear Algebra, Matrix Theory, Mathematical Biology, Mathematical Economics and Financial Mathematics, Mathematical Education, Mathematical Physics, Measure Theory and Integration, Number Theory, Numerical Analysis, Operations Research, Optimization, Operator Theory, Ordinary and Partial Differential Equations, Potential Theory, Real Functions, Rings and Algebras, Statistical Mechanics.

Important Dates

Abstract Submission:

Abstracts not exceeding 300 words on any of the aforesaid themes should be sent to the Organizing Secretary through email at **info.nitsrinagar@gmail.com** on or before **4th May 2023**.

Submission of Full Length Research Paper & Copyright Form

Full length research paper, in word format double column maximum in 6 pages and copyright form should be submitted together as separate attachment latest by **6th May 3023** through email at **info.nitsrinagar@gmail.com.**

Submission of Registration Details:

Submission of Registration Form/Details: **8th May 2023**. Registration process can be initiated after receiving acceptance letter of full paper.

Publication Ethics - Penalty against Plagiarism

We firmly believe that ethical conduct is the most essential virtual of any academic. Hence any act of plagiarism is a totally unacceptable academic misconduct and cannot be tolerated.

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. In case of multi authored research paper, at least one full Registration is mandatory.
2. 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.
3. Charges for extra copy of Journal/ Certificate for other Co-author (if required) should be paid along with preliminary Registration by the corresponding author.
4. 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.

1. Mode of Research Paper presentation: Hybrid mode ie; Offline and online.

Those opting for offline or online should clearly mention in registration form also email while submitting registrations form. The online presentation link will be shared before the conference.

2. Accommodation for registered delegates.
Limited no. of rooms are available in NIT Guest house can be booked directly by delegates on first come first serve on payment basis. Registered Delegates can directly book accommodation by sending email to In-charge Guesthouse NIT, Srinagar and obtain/seek confirmation: **guesthouse @nitsri.ac.in**

3. Publication categories -
a) Peer reviewed international journals - all accepted papers will be published in Peer reviewed international journals without additional payment.
b) Scopus indexed journals - If opting for this category subject to paper quality and subsequent acceptance by said journals review process will be charged additional processing charges..

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

Beneficiary Name	**: Krishi Sanskriti**
Bank Name	**: Canara Bank**
Bank Address	**: Jeet Singh Marg, New Delhi**
Account No.	**: 1484101026988**
Account Type	**: Savings**
IFSC Code	**: CNRB0001484**
Swift Code-	**: CNRBINBBBID**

Registration Charges:

Categories	Indian		Foreigner			
	Early Bird Before 15th March 2023	Regular Fee After 15th March 2023	Early Bird Before 15th March 2023	Regular Fee After 15th March 2023	Early Bird Before 15th March 2023	Regular Fee After 15th March 2023
			SAARC/African Country Delegates		Rest of countries	
Academic faculty/Industrial Delegates	3500 INR	4500 INR	125 USD	175 USD	200 USD	250 USD
Research scholars phd	3000 INR	4000 INR	100 USD	150 USD	150 USD	200 USD
Student UG and pg	2500 INR	3500 INR	75 USD	125 USD	100 USD	150 USD
Listener, ...	1500 INR	2500 INR				

Organising Secretaries

1. Dr. Srinibash Mishra   **2. Dr. Irfan S Wani**   **3. Dr. Nitika Kundan**

Local Organizing Committee:

Dr. Pravan Katiyar **(Co-Convener)**
Dr. Anshul Gupta **(Co-Convener)**
Dr. Prakash Ranaware **(Co-Convener)**
Dr. Aravi Muzaffer, Faculty, MME, **(Printing, Publications, Media and Web advertising)**
Ms. Nazia Nazeer, Dy.Registrar accounts, **(Treasurer)**
Er. I.A. Qadri, Superintendent Workshop **(Transport In charge)**
Mr. Mustaq Ahmad, Asstt. Security Officer **(Security In charge)**

Local hospitality committee members-
Owais, Tahir, Manoj, Shahnawaz, Faizan, Aamir, Zahid

Student Executive Members-
Nitish, Shahid, Basar, Shiva, Manisha, Prem, Siddarth, Manish, Sharad, Yoganshi, Abuzer

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For further information and Latest Updates, Write us at "info.nitsrinagar@gmail.com"

Or
visit our Website: http://www.nitsri.ac.in

or
http://www.krishisanskriti.org/staebm22.html

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