

**INTERNATIONAL SCIENTIFIC & ENGINEERING SERIALS**  
**(ISES)**



Organizes

1st National e-Conference on

**2013**

**“FUTUREURISTIC TRENDS IN  
INTERDISCIPLINARY  
RESEARCH”**

## About ISES

The **International Scientific and Engineering Serials (ISES)** is a peer reviewed international journal Series run under the aegis of RNJP Educational Society with a key objective to provide the academic and industrial community a medium for presenting original cutting edge research related to Various fields of Science, Engineering & Technology, Arts Commerce & Management and their intervened applications. ISES invites authors to submit their original and unpublished work that communicates & initiate the current & future research. The areas closed to or under the periphery of the journals both the theoretical and methodological aspects, as well as applications in real world problems. ISES provides an international forum for the electronic publication of high-quality scholarly articles. This is an open access journal, so all published papers are freely available online. It welcomes presentations, animations, source code and data-sets together with the corresponding paper. Submitted papers will go through rigorous reviewing process and final articles are published electronically in coming issue.

## Vision

The **ISES** is an online, multi-media, series of academic journals that adheres to the highest standards of peer review and engages established and emerging scholars from all over the world. The **ISES** is series of interdisciplinary journals, and is open and welcoming to contributions from the various fields of Sciences, Engineering & Technology, Arts, Commerce and Management.

## Theme of the conference

The conference hopes to bridge all experts from various disciplines of Sciences to promote research and innovations to sustain knowledge for the betterment of humanity under green initiative program. The conference will focus on themes under the institutional framework for sustainable development of Academicians, Scholars, Students, Industrialists, Pharmacists, Medical Practitioner and a Common man who can facilitated with these type of innovative and application oriented research. The modern age of the society focuses on the better and fast life style. The research basically conducting in the various fields of Sciences is to fulfillment the requirement of the modern society. It starts from the fast, Cheap, handy and reliable electronic communication, optimization of available resources, multi-objective optimization like money & time and predication, estimation and approximation for the future trends in various domain of problems. It does not stop here, the expectations are very high and demand full for the upcoming generation. It should include healthy, prosperous, safe, fast, compact, environment friendly atmosphere and reliable services. The upcoming research in the Sciences explores interdisciplinary approach, nature inspire evolution, micro to nanotechnology parameters, automated & reliable service systems and secure & safe communication methods. The dimension of this research is extremely large and it is covering all

the aspects of life from where any individual can avail the benefit. The scope and area of this type of new, application oriented and innovative research cannot bind in the restricted areas or scopes. This conference is trying to incorporate all these research aspects in the field of Sciences.

#### **General Chair**

Dr. Manu Pratap Singh                      Editor-in-Chief & Patron

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1. Dr. Anuj Bhardwaj, Dept. of Computer Science & Engineering, BIT, Meerut
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4. Dr. Amit Singhal, Dept. of Computer Science, IET, Khandari Agra
5. Mr. Ramesh Babu, Director, Jeyam Institute, TN

#### **Call for Papers**

National e-Conference on **FUTUREURISTIC TRENDS IN INTERDISCIPLINARY RESEARCH** is the premier forum for the presentation of technological advances and research results in the fields of Applied Sciences: Physical Sciences, Material Sciences, Earth Sciences, Marine Sciences, Chemical Sciences, Pharmaceutical Sciences, Mathematical & Statistical Sciences, Environmental Sciences and Bio-Sciences, Agriculture and Forestry Sciences, Medical Sciences. National e-Conference on **FUTUREURISTIC TRENDS IN INTERDISCIPLINARY RESEARCH** will bring together leading Academicians, Medical Practitioners, Pharmacist, and Scientists in from around the nation.

#### **Track 1 Physical, Material, Earth, Marine Sciences**

Classical and applied physics, atomic and molecular physics, nuclear physics, statistical and quantum mechanics, mathematical and chemical physics, biophysics and geophysics, semiconductor and metals fluid, dielectrics and ferroelectrics, surface science, earth science, thermodynamics and nonlinear systems, wireless and optical communications, crystallography and computer-aided materials design, etc.

Material Sciences which including metals, ceramics, glasses, polymers, fibers, nano-materials and nanostructure materials, their structure and properties i.e., mechanical, chemical, electrical, magnetic, optical, thermodynamics, kinetics and mechanisms, biological and biomedical materials, solid state materials, x-ray crystallography, molecular modelling and advances material engineering, etc.

Planetary sciences, environmental sciences, geo-environmental science and environmental engineering, geochemical engineering, geo-statistics, geo-hazards, geoarchaeology, geothermal energy, groundwater, water resources and marine engineering geology, geography, geochemistry, geophysics, climatology, climate change, glaciology, oceanography, petrology, mineralogy, bio-mineral processing, hydrogeology, meteorology, geodesy, coal and petroleum, etc.

marine science, marine engineering, marine instrumentation, marine ecology, marine architecture, marine archaeology, Education and training in marine sciences, marine sanctuary management, new development model of marine interest programs, marine education research, marine and freshwater research, marine environmental processes and issues, marine policy and law, marine economics, Socio economy, marine geology, marine georesources and geotechnology, marine biology, marine geodesy, Oceanography of marine, satellite oceanography, ocean engineering, ocean modeling or climate change, theoretical and applied climatology, marine weather and forecasting, remote sensing of environment, Biodiversity in varying environments, living marine resources, management and protection of living marine resources, marine organisms and ecosystem, marine habitats, marine fungi, marine mammal, marine reptile, marine invertebrates, marine conservation, marine adaptations, marine biomolecules and biomimetic materials, marine energy, marine current and marine power system, kinetic energy of marine currents, hydrology, deep Sea Research and trenches, coastal waters, coastal zone management systems, Integrated and sustainable ecosystem conservation and management, continental shelf, Brackish water and lagoon environment, brackish water and estuarine/ transitional systems, Effects of waste disposal and anthropogenic pressures, benthic and estuarine sedimentary processes, etc.

## **Track 2 Chemical & Pharmaceutical Sciences**

Agricultural chemistry, Analytical Chemistry, Astrochemistry, Atmospheric Chemistry, Biochemistry, Bioinorganic Chemistry, Bio-organic Chemistry, Biochemical Engineering, Chemistry, Chemical Engineering, Cluster Chemistry, Combinatorial Chemistry, Chemical Modeling, Chemical Processing, Chemical Thermodynamics, Colloid Chemistry, Drug Chemistry, Civil Engineering, Energy, Electrochemistry, Environmental Chemistry, Environmental Law, Environmental Policy and Management, Forensic Chemistry, Food Chemistry, Fuel Chemistry, Geochemistry, Green Chemistry, Hydrometallurgy, Inorganic Chemistry, Industrial Chemistry, Kinetics, Macromolecular Chemistry, Medicinal Chemistry, Marine Chemistry, Material Chemistry, Nanochemistry, Nuclear Chemistry, Organic Chemistry, Polymer Chemistry, Petroleum Chemistry, Photochemistry, Physical Chemistry, Polymer Chemistry, Pollution and



its Prevention, Pharmaceutical Chemistry, Solid State Chemistry, Spectroscopy, Soil Chemistry, Separation and Purification Chemistry, Sonochemistry, Surface Chemistry, Water Chemistry, etc.

Pharmaceutical Chemistry and Drug Design, Pharmaceutical Analysis and Quality Assurance, Pharmaceutics, Pharmaceutical Nanotechnology, Pharmacology and Toxicology, Novel Drug Delivery Systems, Hospital and Clinical Pharmacy, Pharmacognosy and Phytochemistry, Pharmaceutical Microbiology and Biotechnology, Alternative Medicine, Polymer Science, Industrial Pharmacy, Drug Regulatory Affair, IPR (Intellectual Prop Rights), Molecular Modeling, Herbal Medicines.

### **Track 3 Mathematical & Statistical Sciences**

Mathematical and Statistical Sciences including algebraic, linear and multilinear algebra, geometry, geometry and its applications, simulation, optimization, statistics, statistical mechanics, multivariate statistical analysis, probability, algebraic statistics and its applications, structure of matter, measure and integration, differential geometry, partial and ordinary differential equations, quantum theory, differential geometry and Integral equations, computational algebra, algebra and mathematical logic, mathematical programming, mathematical computer sciences and numerical analysis, mathematics modeling and optimization, computational group theory, calculus of variations and optimal control, matrix theory, general, special and real functions, topology, operations research, and theoretical developments techniques, etc.

### **Track 4 Environmental & Bio-Sciences**

Aquatic Sciences, Energy Resources and Conservation, Environmental Chemistry, Environmental Biology, Environmental Economics, Environmental Engineering, Environmental Physics, Environmental Health - Public Health, Environmental Law - Policy - Eco Justice, Environmental Management, Environmental Toxicology, Global Change, Climate Change, Monitoring, Environmental Analysis - Monitoring, Nature Conservation - Biodiversity, Pollution and Remediation, Soil Science, Sustainable Development.

Agriculture, Animal Sciences, Botany, Bio Chemistry, Biotechnology, Bioinformatics, Cell biology, Cryobiology, Ecology, Ethno-biology, Food technology, Forestry Sciences, Fishery Sciences, Forensic Sciences, Genetic Engineering, Home Sciences, Life Sciences, Molecular Biology, Microbiology, Medical Sciences, Nanotechnology, Pathology, Pharmaceutical Sciences, Toxicology, Veterinary Sciences, Zoology etc..

Bioinformatics sciences that combines biology, science, mathematics, statistics, computational biology, computational structural biology, computational modelling and simulation, modelling biological systems, bioinformatics databases, modelling software in bioinformatics, biomedical image processing, biomedical modelling and computer simulation, computer science, high performance bio-computing systems,

molecular evolution and sequence analysis, data visualisation, protein structure prediction, protein structure modelling and structural genomics, genetic disorders, genetic algorithms hidden markov models, measuring biodiversity, medicine and metabolic pathway engineering, bio-grid, sequence assembly, DNA assembly, e-health, clustering, and mapping, etc.

### **Track 5 Agriculture & Forestry Sciences**

Agriculture and Forestry Sciences which including agriculture development and policy, agriculture engineering and sciences, horticulture, genetic and plant breeding, genetic resources, agronomy, irrigation, ecology systems and environment, soil and fertilization, soil and cultivation, plant biochemistry, plant biotechnology, plant protection and seed technology, crop science, plant protection, natural ecosystems, stored products research, food security and safety, hydrology, water resources management, rural development and biodiversity and forestry sciences, etc.

### **Track 6 Medical Sciences**

Medical Sciences which including general medicine, social medicine, clinical medicine, sports medicine, transfusion medicine, oral preventive medicine and clinical research, clinical microbiology, clinical immunology, clinical pharmacology, clinical pathology, clinical cardiovascular research, clinical cancer research, clinical pharmacology, clinical nutritional research, clinical infectious diseases, bio-mechanics, biomedical engineering, public health and sciences, genetics, mental and metabolic disorders, psychiatry, pathology, toxicology, surgery, neurology, neurophysiology, dental surgery, oncology, orthopedics, immunology, cardiology, embryology, anesthesia, diabetology, dermatology, gynecology and ayurvedic treatment, etc.

### **Important Dates:**

**Full Paper Submission Deadline: 08th December 2013**

Acceptance Announcement: 15th December 2013

Paper Registration: Must be Within 10 working days from acceptance

Conference Paper Publication: 30th December 2013.

### **Registration Fees Details**

It is mandatory for an author of an accepted paper to register for the paper in order to appear paper in the Journals Proceedings. Fee includes indexing the papers in various research databases and publication in Journals. All conference participants are requested to register on or before 27th December 2013.



## Fee Structure for ONLINE Publication of Accepted paper along with e-Certificate for the Author (s)

Target Group Registration Fees Faculty from Polytechnic & Engineering Institute: 600 INR

Authors can transfer its equivalent amount from any of your Bank and Country/Currency. In such case, for paper publication registration fee, the conversion rate shall be calculated against the conversion rate of the day when the papers submission for review is ended; And for membership and others, exchange rate on the date transaction is applicable. You may choose any one of the banking options according to your convenience.

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Head Office- Ramghat Road Aligarh-202001

### Paper Submission

Authors/Researchers are invited to submit their research paper through email. All the submitted papers will be reviewed as per double blind review process.

#### E-mail ID:

[editor@ises.co.in](mailto:editor@ises.co.in)

[editor.ijpasc@gmail.com](mailto:editor.ijpasc@gmail.com)

#### Author Guidelines:

Please, note the following instructions to submit your full papers to the conference:

- The paper limit is 6 pages.
- Submit the paper in the format as per the template of the Journal which can be downloaded from the website [www.ises.co.in](http://www.ises.co.in).
- Note that at least one author should be registered at the conference for the paper to be published.

For more details visit [www.ises.co.in](http://www.ises.co.in)



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### **Awards**

The ISES **Young Scientists Award**, considered being the highest recognition of promise, creativity and excellence in a young scientist, is made annually to those distinguished for these attributes as evidenced by their research work carried out in India.

### **Eligibility**

The award of a medal to a Young Scientist shall be made in recognition of notable contributions to any branch of science or technology, recognized by the Society, on the basis of work carried out in India. Any citizen of India who has not attained the age of 35 years on December 31, of the year preceding the year of award, shall be eligible for the award.

### **Number of Awards**

The number of awards to be made in this year will be limited to maximum 05.



**Publication of Accepted papers**

Conference papers will included in following International Journals

❖ **International Journal of Interactive Computer Communication (IJICC)**

(ISSN No. 2250 –2661)

❖ **International Journal of Pure & Applied Sciences (IJPAS)**

(ISSN No. 2250 – 2289)