

# **CALL FOR PAPERS**

**INTERNATIONAL CONFERENCE**

**on**

**“TRANSFORMATION THROUGH INNOVATIONS”  
STRATEGIC APPLICATIONS OF MANAGEMENT, IT,  
MATHEMATICS AND BASIC SCIENCES  
(IC-TISMIS-2019)**

*As a part of*

***“A Centenary Celebration”***  
*Of SCD Government College, Ludhiana.*

**16<sup>th</sup> -17<sup>th</sup> March, 2019**

**Theme: Applying the Strategies for Future Innovations through Basic  
Sciences, Management, IT and Mathematics**

Important dates to remember

**Last Date of submitting the abstract: 22<sup>nd</sup> Feb, 2019**

**Last date of submitting the full paper: 01<sup>st</sup> Mar, 2019**

**Conference Dates: 16<sup>th</sup> -17<sup>th</sup> March, 2019**



**Organized by**

**FACULTY OF MANAGEMENT, INFORMATION TECHNOLOGY, MATHEMATICS, AND  
BASIC SCIENCES**

**HIGHER EDUCATION INSTITUTE SOCIETY**

**SCD GOVT COLLEGE, LUDHIANA**

## **ABOUT THE COLLEGE**

This institution initially known as Imperial College, Ludhiana was established in 1920. It has made immense contribution to academics in the region. Later, the name was changed to Government College, Ludhiana. Under the aegis of the principal A.C.C. Hervey, who served in this college with great dedication for 15 years (1927-1942), it developed into a premier institution and ever since it has grown from strength to strength. In 1976 in recognition of the service rendered to the nation by its alumnus Satish Chander Dhawan, a renowned Space Scientist, the college was rechristened as S.C.D. Govt. College by the Government of Punjab. Then came another star on the horizon, the college main hall is dedicated to Sahir Ludhianvi, an alumnus of the college who shown in Bombay and gave the college a different pedestal.

Ten departments impart post-graduation opportunities to the students. A superbly equipped and expertly maintained library with computerized data caters to the academic needs of scholars. Smart classrooms, Seminar Hall, Computer Labs, Gymnasium, stadium, auditorium, canteen, cafeteria, open air-theater and qualified administrative staff provide infrastructural support to the institution. Separate hostel facilities are available for boys and girls. The glorious tradition of the college has been maintained by holding National and International seminars, Youth festivals, Educational tours, interactive sessions, quiz contests, personality development programmes, etc. The counseling cell provides guidance for placement and career opportunities. The college magazine 'SATLUJ' is a showcase of talent in writing and co-curricular achievements of the students another feather in the cap.

## **ABOUT LUDHIANA**

Ludhiana (Punjabi: ਲੁਧਿਆਣਾ) is a city and a municipal corporation in Ludhiana district in the Indian state of Punjab. It is the largest city in the state, with an estimated population of 3,487,882 as per Census 2011. The population increases substantially during the harvesting season due to the migration of labourers from the eastern states of Uttar Pradesh, Bihar, Odisha and Delhi. It has an area of about 310 km. The city stands on the Sutlej river's old bank, 13 km south of its present course. It is a major industrial centre of northern India, and was referred to as India's Manchester by the BBC.

Ludhiana is located 90 km west from state capital Chandigarh NH 095 and is centrally located on National Highway 1 from Indian capital New Delhi to Amritsar, and is well connected to New Delhi by road, frequent train service and by air. Ludhiana is located at 30.9°N 75.85°E. It has an average elevation of 244 meters. Ludhiana City, to its residents, consists of the Old City, traditionally known as Civil Lines; and the new city. The land dipped steeply to the north and the west where, before 1785, the river Sutlej ran. The Old Fort was at the banks of the Sutlej (and now houses the College of Textile Engineering). Legend has it that an underground tunnel connects it to the Fort in Phillaur – although this should be debatable as the Sutlej was the traditional dividing line between the principalities, often occupied by enemy forces. The ground is of yellow sandstone and granite, forming small hillocks, plateaus and plants. The tree of kikar, or *Acacia indica*, has been supplanted by the eucalyptus, transplanted from rural Australia in the late 1960s by the government the then Chief Minister Pratap Singh Kairon. Gulmohars and jacarandas were planted by the British along the avenues of Civil Lines, as were other flowering trees, while the Old City contains almost no vegetation or parks, except for a few isolated pipal trees, holy to the Hindus, as it is supposed to be the abode of Lord Shiva.

## **ABOUT THE CONFERENCE (IC-TISMIS-2019): “*A Centenary Celebration*”**

Higher Education Institute Society (HEIS) SCD Govt College, Ludhiana in association with Faculty of Mathematics, Management, Information Technology and Basic Sciences is organising International Conference on “**TRANSFORMATION THROUGH INNOVATIONS**” **STRATEGIC APPLICATIONS OF MANAGEMENT, IT, MATHEMATICS AND BASIC SCIENCES on 16<sup>th</sup>-17<sup>th</sup> Mar, 2019**. The main objective of the International Conference is to bring closer the Academia, Industry and Government to discuss, deliberate and exchange ideas about enhancing skills among the budding professionals on IT, Management and Basic Sciences to transform India to become superpower by 2030. The conference will provide immense opportunities for faculty members and research scholars of Commerce, Business Management, Computer Sciences, Mathematics and Basic Sciences in showcasing their research work to both industry and academic experts. This conference brings great value to Physics which implements the dominating standards around the world and creating the journey into future, moving from traditional conference to energetic conference. The role of Chemistry in daily life, developing

new materials, technologies and environmental management will be highlight of this conference.

IC-TISMIS-2019 will comprise Pre Conference workshop, Technical Sessions, panel discussions and paper presentations which will uplift the competence and skills of individuals. It focuses on bringing together researchers, academicians, industrialists and practitioners across the globe to explore the technological and strategic advances in Management and Basic Sciences.

### **THEME OF THE CONFERENCE**

**Theme: Applying the Strategies for future Innovations through Basic Sciences, Management, IT and Mathematics.**

### **SUB THEMES**

#### ***STRATEGIC APPLICATIONS IN INFORMATION TECHNOLOGY***

##### ***Transformations through Innovations in***

- Data Sciences
- Meta-Data
- Data Sniffing
- Phishing
- Cloud Computing
- Cyber-crime and Network Security
- Artificial Intelligence
- Neural Networks
- Machine Learning
- Robotics
- Simulation
- Advance Database Management System
- Social Networking

## SUB THEMES

### *STRATEGIC APPLICATIONS IN BUSINESS MANAGEMENT*

#### *Transformations through Innovations in*

- Business and E-Commerce Applications
- Finance Applications
- Marketing Applications
- Human Resource Applications
- Accounting and Reporting Network
- Corporate Governance
- Production Techniques and Applications
- Business Laws
- Intellectual Property Laws
- IT Applications in Commerce and Business
- Transformational Leadership and Motivational Applications
- Research in Business Studies

## SUB THEMES

### *STRATEGIC APPLICATIONS IN MATHEMATICS*

#### *Transformations through Innovations in*

- Recent Advances in Mathematics
- Boundary Value Problem
- Functional Analysis
- Computational Geometry
- Complex Analysis
- Numerical Analysis
- Approximation Theory
- Applied Algebra
- Geometry
- Combinations
- Symbolic Computations
- Real Analysis
- Scientific Computing
- Fluid Dynamics
- Magneto Hydrodynamics

## SUB THEMES

### *STRATEGIC APPLICATIONS IN PHYSICS*

#### *Transformations through Innovations in*

- Development of Energy efficient materials
- Advance techniques in Spectroscopy and their applications
- The next level electronics: Spintronics
- Revolution by Quantum computers and Quantum computing
- Exploration of other planet for Human Life
- Miracles by Nano science and Nano technology
- Tackling environment pollution by Physics
- Application of Nuclear Physics in Medical Science
- Neutrino Physics : To know our past and to reshape our future
- Understanding Universe formation by high energy experiments at CERN
- Techniques and Applications of Plasma Physics
- Advanced next generation Wireless Communication.

## SUB THEMES

### *STRATEGIC APPLICATIONS IN CHEMISTRY*

#### *Transformations through Innovations in*

- Co-ordination Chemistry : Reaction and Applications
- Exploring chemistry of main group elements and organometallic chemistry
- Green Chemistry: Development of sustainable methods in chemistry
- Advancement in C-H activation and coupling reactions
- Organic/Inorganic reactions with high atom economy
- Peptide Synthesis and their self-assembly
- Developing biodegradable methods for water treatment
- Catalysis: development of efficient catalytic systems
- Drugs Discovery: Targeting and Delivery
- Nano materials: Design and Novel Applications in various fields
- Advancements in Spectroscopic Techniques and their advantages
- Theoretical Chemistry: Study of Chemical Structure and Dynamics.

## CALL FOR PAPERS

Original papers on the various above mentioned sub themes are only indicative and not exhaustive in coverage. The contributor can include any other topic falling under the broad gamut of the main theme.

## GUIDELINES FOR SUBMISSION OF PAPER

- Only original, unpublished work is sought. Any proposal submitted to present identical or substantially similar work already published or under review for another conference or publication will not be considered.
- Important: Please note that conference contributions can be accepted only on the condition that they have not been published or offered or accepted for publication elsewhere.
- In the covering letter accompanying the manuscript, the contributor(s) should certify that the manuscript has neither been published anywhere nor is it at present being considered anywhere for publications.
- The delegates are requested to send the abstracts of their papers not exceeding 300 words, 12 point font size, Times New Roman font on MS Word with single line spacing to the coordinator along with the name and address of the author(s), contact no. and active E-mail ID's. The expert committee will screen the abstracts and the abstracts approved by the same will be accepted to be presented in the seminar in the form of full-length paper. All the accepted papers will be intimated to the respective authors only through email by 05<sup>th</sup> March, 2019.
- Length of the paper should be about 4000 words, 12 point font size, Times New Roman, MS word, 1.5 spacing.
- Tables, illustrations, charts, figures etc. should be serially numbered and duly acknowledged. Sources of the data need to be given below each table.
- One of the authors must pre-register for the seminar by 07<sup>th</sup> March, 2019 to ensure the inclusion of paper in the seminar program. Without pre-registration, paper will not be included in the seminar program.
- Only those references that are actually utilized should be included in the reference list and should be alphabetically arranged.
- The first page of the manuscript should have the title of the paper, name of the author(s), organisation affiliation, complete mailing address, phone number, fax number( if any) and e-mail address. Please do not indicate author(s) name, affiliation or any other such information inside the manuscript.
- One hard copy and soft copy of the paper in the above mentioned format along with Registration fee and form should be submitted to HEIS Administrative Office, SCD Govt College, Ludhiana. The Soft/Electronic copy should be mailed to [ic.tismis2019@gmail.com](mailto:ic.tismis2019@gmail.com). In addition a link is provided on the college website [www.scdgovtcollege.ac.in](http://www.scdgovtcollege.ac.in) for day to day updates about the conference.
- Selected paper will be published in the form of conference proceedings.
- L.C.D Projector will be available for the presentation.

## IMPORTANT DATES

**Last date of submission of Abstract - 22<sup>nd</sup> Feb, 2019**  
**Last date of submission of Paper - 01<sup>st</sup> Mar, 2019**  
**Date of notification of accepted paper - 05<sup>th</sup> Mar, 2019**

## REGISTRATION

All the researchers interested in participating in the conference are requested to get registered by filling the attached registration form. For multiple entries, photocopy of the registration form can also be used.

<b>Delegate Type</b>	<b>India</b>
Foreign Delegates	100 USD
Academicians	Rs. 1500/-
Researchers	Rs. 1000/-
In-Absentia	Rs. 2500/-
Student Delegate	Rs. 500/-

**Payment** should be made through **RTGS/NEFT/DD** in favour of “**Principal SCD Govt College Ludhiana**” Punjab, India. Registration fees include seminar kit, lunch and tea for the conference days. Following are the bank details for ready reference.

<b>BANK NAME :</b>	<b>State Bank of India</b>
<b>BRANCH ADDRESS:</b>	<b>Fountain Chowk, Civil Lines, Ludhiana</b>
<b>ACCOUNT NUMBER:</b>	<b>30422266991</b>
<b>IFS Code :</b>	<b>SBIN0000674</b>



## CONFERENCE ORGANISERS

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**Dr. Dharam Singh Sandhu (Principal)**

### CONFERENCE CONVENER

**Dr. Gursharn Jit Singh Sandhu**

(Professor & Head, Department of Computer Science and IT)

### CONFERENCE SECRETARY

**Dr. Ashwani Bhalla (M : 94780-20043)**

(Professor & Programme Coordinator, Masters of Business Innovation)

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**Parminder Kaur**

**Vishal Chopra**

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*As a part of*  
***“A Centenary Celebration”***  
**Registration Form**

1. Name of the Author:.....Designation:.....
2. Father Name:.....
3. Abstract Reference Number (*For office use only*):.....
4. Title of the Paper:.....  
.....
5. Institution/Organization.....
6. Address for Communication:.....  
.....
7. Email:.....
8. Mobile No:.....
9. Mode of Presentation:  
In Absentia.....  
In Person.....
10. DD Number:.....
11. Bank Name:.....

Date:.....

Signature:.....