

INTERNATIONAL CONFERENCE ON EMERGING TRENDS & INNOVATIONS IN SCHOOL SCIENCES

February 6-8, 2019



Organised by

विद्यया ऽ मृतमश्नुते



एन सी ई आर टी
NCERT

Regional Institute of Education, Bhopal

In collaboration with

M.P. Council of Science & Technology (MPCOST), Bhopal

&

Commonwealth Educational Media Centre for Asia (CEMCA), New Delhi



Regional Institute of Education, Bhopal

NAAC Accredited A⁺ Institute

(A Constituent unit of National Council of Educational Research & Training, MHRD, Govt. of India)

Shyamla Hills, Bhopal - 462013, Madhya Pradesh, India

website: <https://riebhopal.nic.in>  RieBhopalOfficial  RIE Bhopal Official

Conference Website : <http://icssbhopal2019.com> | Conference E-mail : icssbhopal2019@gmail.com

About the Institute

Modern India with its 1.3 billion people was the seat of one of the ancient civilizations of the world. The nucleus of the civilization was its education system that thrived and practiced to lead everyone who attended it from 'darkness to light' (तमसो मा ज्योतिर्गमय). The unique features of knowledge systems that flourished in ancient higher learning centres, namely Takshashila and Nalanda, had attracted many scholars from across the world. Modern India, soon after independence, constitutionally committed itself to the education for all. This commitment gradually created the world's largest school education system with 200 million children enrolled in schools. To advise the Ministry of Education in the Indian Government on matters of school education, the National Council of Educational Research and Training (NCERT) was created in the year 1961. Since its inception, NCERT through its eight constituent units, namely National Institute of Education (NIE), Regional Institutes of Education (RIE), Central Institute of Educational Technology (CIET) and Pandit Sundarlal Sharma Central Institute of Vocational Education (PSSCIVE), has been performing its advisory role in an exceptional manner.

The Regional Institute of Education, Bhopal is one of the constituent units of National Council of Educational Research and Training (NCERT), New Delhi, India, located on Shyamla Hills in Bhopal, the capital city of Madhya Pradesh. The Institute caters to the needs of school education and teacher education of the states namely Chhattisgarh, Goa, Gujarat, Madhya Pradesh, Maharashtra and Union Territories of Dadra and Nagar Haveli and Daman and Diu. The Institute offers five pre-service Teacher Education Programs such as four year integrated B.Sc. B.Ed., B.A. B.Ed, Two year B.Ed., Three year integrated B.Ed. M.Ed., Two year M.Ed.; and a blended Diploma Course in Guidance and Counselling (DCGC). Further, the Institute offers in-service training programmes for teachers, teacher educators and state educational functionaries of western India. The Institute has a Demonstration Multipurpose School (DMS) on its campus for trying out innovative practices in school education and teacher education. The Institute has been awarded with A+ grade by National Assessment and Accreditation Council (NAAC) of India in the year 2016.



About the Conference

Science and technology plays a critical role in the progress of civilization and humanity. A quality science education is not only necessary for the intellectual development, but also for the scientific advancement and prosperity of the human race. The basic aim of science education is to infuse scientific temper among the students and to impart training in scientific methods. This International Conference on school sciences is expected to provide a platform to the stakeholders of school education across the globe to share their researches, experiences and innovative practices. The outcome of the conference will be of immense help in shaping the curriculum and bringing out pedagogical reforms for quality science education at school level.

Objectives of the Conference

- To provide opportunities to science teachers/practitioners to share their innovative practices and researches in the field of science education at school level.
- To promote excellence and innovations in current practices of science education at school level across the globe.
- To promote understanding about emerging trends in school science researches in developed as well as developing countries.
- To encourage collaborative efforts to enhance the quality of science education across the globe.

Call for Papers

Research paper describing original and unpublished results of conceptual, constructive, empirical, experimental or theoretical work in any one/combined areas of the conference themes are invited.

Publication

Selected papers will be published in the RIE Bhopal Journal of Education.

Conference Features

- Keynote address
- Panel discussion
- Paper presentation
- Poster presentation
- Online paper presentation
- Exhibition
- Workshop

Conference Themes

1. Ancient Scientific Knowledge in Recent Perspectives

- Science and Technology Knowledge in Ancient Literature, Monuments and Scriptures
- Evolution of Scientific Knowledge
- Indigenous Scientific Knowledge and its Linkages with Modern Science
- Traditional Wisdom and Scientific Knowledge

2. Knowledge – Skill Integration in School Sciences

- Knowledge & Skill Integration in Curricular Practices
- Approaches and Strategies of Knowledge – Skill Integration
- Life Skills Development in School Sciences
- Complementarities of Science and Technology
- Trans- Disciplinary Approaches to School Sciences

3. Digital Media and Science Education

- e-Learning (Multimedia, ICT, Internet, OER, MOOCs, etc.) in Science Education
- Digital Life Style and Science Learning
- Web 2.0 & 3.0 Technologies in Science Education
- Digital Platforms – edX, Coursera, Swayam, e-Pathshala, Swayamprabha, etc.
- Futuristic Scenario of Digital Media in Science Education

4. Nurturing Scientific Creativity

- Scientific Creativity : Content and Process
- Scientific Talent Through School Sciences
- Science Process Skills and Scientific Temper
- Nurturing Scientific Creativity : Beyond Class-Room

5. Emerging Trends in Curriculum and Assessment in Science Education

- Current Approaches of Curricular Development and Transaction
- Enhancing Learning Outcomes in Science
- Process and Product Evaluation in Science
- Promoting Equity and Inclusiveness in Science Education
- Online Assessment in School Sciences

6. School Science for Sustainable Development

- Science, Technology and Society (STS)
- Environmental Sensitivity and Concerns
- Greening School Curriculum and Curricular Practices
- Health, Hygiene and Well-Being
- Science for Peace, Ethics and Values

7. Professional Development of Science Teachers and Teacher Educators

- Best Practices in Science Teacher Preparation
- Best Practices in In-Service Science Teacher Training
- Challenges and Opportunities – Global and Local
- Initiatives/Programmes for Science Teachers

Format of Abstract and Full Paper

Paper based on original work from teachers, students, educationists, research scholars, NGOs and policymakers are invited. The paper should be submitted in English. Abstract must include the following:

Title of the Paper	
Author(s) (please underline the name of the presenting author) Affiliation/Name of the Institution E-mail and contact number	
Length	: 250-400 words
Line Spacing	: 1.5
Font	: Times New Roman
Font Size	: Heading- 14, Text - 12
Margin	: 1.5" on all four sides
Keywords	: Up to five

The abstract should highlight research objectives, methodology in brief and major findings.

The manuscript of the paper should be in same font and line spacing as of abstract. The length of paper should not exceed 3500 words, including tables, figures and references. The manuscript of the paper may include Abstract, Introduction, Methodology, Findings, Conclusions and references in APA style.

Paper Submission

Submit your paper at our Conference e-mail : icssbhopal2019@gmail.com

Key Dates

Last date of submission of Full Paper with abstract : **October 30, 2018**

Communication regarding the status of paper : **November 30, 2018** Onwards

For Further Details, Please Visit Conference Website :

<http://www.icssbhopal2019.com>

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Travel Assistance and Accommodation

Travel assistance will be offered to delegates presenting poster /papers limited to AC-3 train fare by the shortest route within India only on submission of the original tickets. Limited accommodation would be arranged by RIE, Bhopal to the outstation delegates on first come first serve basis.

VISA

Participants from abroad are requested to contact organizers for an invitation letter to apply for seeking Indian Visa.

Site Seeing

Bhopal is the capital city of Madhya Pradesh and is known for its glorious history and is known as Heart of India. There are a number of world famous heritage sites like : Sanchi Stupa, the Buddhist monuments, Caves, rock paintings site at Bheem Betka, Bhojpur Temple, etc. which are worth visiting.



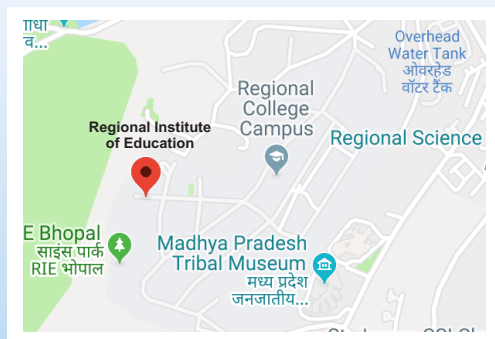
Regional Institute of Education, is located at Shyamla Hills, Bhopal

Distance from

Bhopal Railway Station - **9.0 KM**

Habibganj Railway Station - **7.4 KM**

Raja Bhoj Airport - **15 KM**



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