

NATIONAL SEMINAR ON

**“Innovation and integration in Education of
Modern School Sciences and Mathematics”**

27th to 29th January 2020

Funded by

Department of School Education
Ministry of Human Resource Development
Government of India, New Delhi



Organized by



Regional Institute of Education
National Council of Educational Research and
Training, Mysore-570006, Karnataka

About Institute (RIE)

Regional Institute of Education, Mysore, is one of the constituent units of National Council of Educational Research and Training (NCERT), New Delhi. The NCERT was established in 1961 and has the prominent roles of advisory and policy implementing premier organization concerning Indian School System for the Department of School Education, Ministry of Human Resource Development (MHRD), Govt. of India. The National Seminar being organized is funded from the special grant of Project Approval Board of MHRD under Samagra Shiksha-Integrated Scheme (SS-IS).

Regional Institute of Education, Mysore, caters to the school educational needs of five southern states (Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and Telangana,) and U.T. of Puducherry and Lakshadweep. The RIE offers pre-service teacher education programmes and in-service training programmes to school teachers, teacher educators and educational functionaries and conducts educational research with Demonstration and Multipurpose School located in its campus.

About National Seminar

The modern Sciences and Mathematics are tremendously expanding due to globalization, ICT and e-learning, social, political, economic and educational uplift. Besides others, the innovation and

integration are two essential components of sciences and mathematics required for institutionalizing at schools which are facing challenges and problems of coping with changing demands. Hence, the National Seminar has the following objectives:

To provide a platform of sharing, deliberation and contribution towards need and improvement of school system in India, To focus the innovation and integration required for changing demands of school systems and

To publish a book of proceedings of the National Seminar with ISBN

Important Dates

Last date for abstract submission 30.10.2019

Acceptance and invitation on 10.11.2019

Last date for full paper submission 15.12.19

Invitation for contribution

Teachers, Research Scholars, faculty members of Educational Institutes and Universities and Educational functionaries and administrators are solicited to participate and contribute in the seminar. They could submit their research papers and unpublished results of conceptual, experimental, empirical or theoretical studies done in the areas and subthemes of the seminar related to school Sciences and Mathematics.

Seminar subthemes and areas of school Sciences and Mathematics

Subject specific Education: Education of Biology, Chemistry, Physics, Mathematics, Environmental Sciences, Nanoscience, Statistics, Health and Physical Education, Ancient Education;

Innovation in Pedagogy: Teaching, learning and evaluation; ICT integration;

Emerging trends in Teacher Education: Teacher training, professional development, **Curriculum Renewal** in Science and Mathematics;

Education for Skill development, Work Education of Science and Mathematics;

Perspective education: Sociological, philosophical, economic, Psychological and political perspectives of science and mathematics education;

Education for Special groups: Gifted, talented, creative children and children with special needs;

Roles of stakeholders: NGO, National and Intern. Organizations, School community;

Educational policy and implementation: National Achievement survey, Educational Survey;

Various levels (Pre-KG to HSSE) and types (State, Central and IN);

Other areas related to school Sciences and Mathematics, e.g. Human development, Language communication, Technology relation, etc.

Submission details

Abstract: It must include title, author (s') names and affiliation with email and 3 keywords. It must be prepared in 300 words, 12 font size and single line space with highlights of significance, objectives, materials and methods, findings and conclusions.

Full papers: less than 5000 words with subheadings of Introduction, Materials and Methods, Results, Discussion, Conclusions and References.

No registration fee is required for either submission of abstracts and full papers, or participation and presentation.

Abstracts and full papers (in English) with registration forms are to be submitted through email: asukumarindia@gmail.com

Financial Support

Local Hospitality and travel grant (III-AC train fare) will be provided to the presenting first authors only. To claim train fare, original tickets are required.

Organizing Committee

Patron: Prof. Hrushikesh Senapaty, Director, NCERT, New Delhi-110016

Chairperson: Prof. Y. Sreekanth, Principal, RIE, NCERT, Mysore-570006, Karnataka

Secretaries: Prof. A. Sukumar, Head, DESM, RIE, NCERT and Prof. S. Ramaa, RIE, NCERT

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Contact Information

RIE website: www.riemysore.ac.in

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Registration Form

Name of the presenting author: Prof. Dr. Ms.

Mr. Mrs.....

Postal address:

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Email:.....

Mobile:.....

Title of abstract:

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3 Areas of abstract:

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Date of full paper submission:.....

Accommodation Required: Yes or No

Travel Grant Required: Yes or No

Date (tentative) of arrival at RIE:

Date of departure from RIE:

Signature of the presenting author