

ISSN
2394-885X

Volume : I
Issue : I
2015

IISRR - IJR (Online Version)

A Peer-Reviewed Half-Yearly Print-in published and On-line
International Journal for Research Activities
& an Initiative of the IISRR



Indian Institute of Social Reform & Research

[Registered under Govt. of West Bengal ACT XXVI of 1961, Registration No- S/2L/ No 10730]

P-14, Regent Estate, (F-3B), Kolkata 700092, India

email: iisrr09@gmail.com ; Website: www.iisrr.in

IISRR - International Journal of Research

IJSRR - International Journal of Research

A Peer-Reviewed Half-Yearly Print and Online International Journal
for Research Activities & An Initiative of the IISRR

Online Version: ISSN 2394-885X
(Print Version : ISSN 2394-6873)

*The contents of the articles and the views expressed therein are the sole responsibility
of the authors, and the editorial board will not be held responsible for the same*



Indian Institute of Social Reform & Research

[Registered under Govt. of West Bengal. ACT XXVI of 1961, Registration No- S/2L/ No 10730 of 2013-14]
Website: www.iisrr.in email: iisrr09@gmail.com

Publisher: Dr. Asit Kumar Das

Director, Indian Institute of Social Reform & Research
P-14, Regent Estate, (F-3B), Kolkata 700092, India,
email: iisrr09@gmail.com; www.iisrr.in

Compiled by: Editors

Contribution: Rs.100/-

IJSRR - International Journal of Research

Online Version: ISSN 2394-885X

© IJSRR

Volume-I, Issue-1

January 2015

EDITORIAL BOARD

Advisers:

- Mr. Asoke Motayed**, *Eminent Environmental Engineer-Scientist; International Industrial Advisor; CEO of NexGen Systems Corporation USA*
- Dr. Syed Samsul Alam**, *Former Vice-Chancellor, Alaih University; Former Professor, IIT, Kharagpur*
- Dr. Suvankar Chakraborty**, *Former Vice-Chancellor, Rabindra Bharati University, India*
- Dr. Robin Groves**, *Former President, International Council of Association for Science Education, Australia*
- Dr. Pranab Kumar Chakraborty**, *Former Dean, University of Calcutta, Kolkata, India*
- Dr. Dilip Kumar Mohanta**, *Professor, Calcutta University; Former Vice-Chancellor, Kalyani University, India*
- Dr. S.N. Pathan**, *Former Vice-Chancellor, Nagpur*
- Dr. Samir Kumar Bondopadhyay**, *Former Vice-Chancellor, W.B. University of Technology, Professor- Calcutta University, Kolkata*
- Mr. Sampson David**, *Jt. Secretary, AIU, New Delhi*
- Dr. Soroshi Mohan Dan**, *Former Pro Vice-Chancellor, Bardwan University, Bardwan*
- Prof. Sudin Chattopadhyay**, *Former President, WBCHSE, India.*
- Prof. Ujjwal Basu**, *Former President, WBBSE, India.*
- Dr. Amal Kumar Chatterjee**, *Former Professor, David Hare Teachers' Training College, Kolkata.*
- Dr. S. N. Giri**, *Former President, All India Science Teachers' Association & Former Professor, David Hare Teachers' Training College.*
- Dr. Santosh Kumar Ghorai**, *Former Registrar, Rabindra Bharati University & Former Professor, Vidyasagar University.*

Editor-in-Chief:

- Dr. Asit Kumar Das**, *Director, Indian Institute of Social Reform & Research & Former Dean (SW), University of Kalyani*

Editors:

- Dr. S.C. Agarkar**, *Professor and Dean, VPM's Academy of International Education and Research, Thane, Former Professor, TIFR, Mumbai;*
- Dr. G. Saha**, *Professor of Science & Technology Education, Lincoln University of Missouri, Jefferson City, USA*
- Dr. J.K. Mondal**, *Former Dean (ETM), University of Kalyani*
- Dr. Nripen Bhoumik**, *Professor & Head of Neurology, KPC Medical College, Former Professor of Bangur Institute of Neurology.*
- Dr. Rama Prasad Barman**, *Former Emeritus Scientist, Zoological Survey of India*
- Dr. M. A. Sikandar**, *Director, National Book Trust, India, New Delhi, Formerly attached in Delhi University*
- Dr. Subir Kumar Das**, *Professor, JNM Medical College, WB University of Health Sciences, Kolkata*
- Dr. Bevash Dev**, *Director, College Development, Assam University, Silchar, Assam*
- Dr. Subhamoya Das**, *Professor, Dept. Of Commerce, University of Kalyani*
- Dr. Nemaï Chand Maiti**, *Associate Professor, University of Calcutta, Kolkata*
- Dr. Sucheta Pryabadini**, *Jt. Registrar, KIIT University, Bhubaneswar, Odessa*
- Dr. Asitava Das**, *Dy. Librarian, University of Kalyani*
- Mr. Debasish Pal**, *Secretary, Indian Institute of Social Reform & Research, Kolkata.*
- Dr. Sibsankar Jana**, *Assistant Professor, University of Kalyani*
- Mr. Amitava Das**, *Scientist, Zoological Survey of India*
- Dr. Anira Phipon Lepcha**, *Assistant Professor, Sikkim University, Sikkim*

Peer Review Committees :

(There are Peer Review Committees on each of the following broad areas/ sub theme, consisting of experts from different subject areas)

1. Sciences, Education & Health Sciences;
2. Engineering & Technology;
3. Social Sciences;
4. Finance, Law & Management Sciences;
5. Culture, Fine Arts & Visual Arts.

IJSRR - International Journal of Research

A Peer-Reviewed Half-Yearly Online International Journal for Research Activities & an Initiative of the IISRR

Online Version: ISSN 2394-885X

(Print Version : ISSN 2394-6873)

Volume: I 2015 Issue : I

CONTENTS

Authors	Articles	Page No
<i>Editors</i>	Editorial	05
<i>Prof. Syed Samsul Alam Dr. S. N. Alam</i>	Mathematics For All and Forever	06
<i>Prof. Gouranga Saha</i>	A Technology Supported Multi-Sensory Approach To Science Teaching Model	51
<i>Prof. Sudhakar C. Agarkar</i>	Managing Mega Events: Experiences from China and Brazil	57
<i>Dr. Subhamoy Das</i>	On Financial Markets: Some Musings	63
<i>Dr. Tapas Chatterjee</i>	Imperatives of Reservation Policy: A Perspective	66
<i>Dr. Sibsankar Jana</i>	Role of Human Information Sources Towards Identifying the Factors Responsible for the Development of Clay dolls and Clay models of Krishnanagar area of Nadia district of West Bengal	69
<i>Dr. Bibhas Dev</i>	Status of Avifauna in Barak Valley, Assam, with special reference to Aridae Family	84
<i>Dr. Anamika Das</i>	The Effect of Legend in Abhigyaan Shakuntalam	90
<i>Mrs. Rita Shome</i>	Participation in Sustainable Development of Women in Sundarban Delta in relation to Their Educational Qualification	95
<i>Dr. Sayantika Sarkar, Dr. E. Agarwal, Dr. R. Choudhury, Dr. P. Lohia, Dr. P. Mukherjee, Dr. S. Mukhopadhyay, Dr. B. Dev Saha, Prof. Nripen Bhowmik</i>	Probiotics in Clinical Practice	99
<i>Dr. Asit Kumar Das</i>	Reproductive Health of Indian Adolescent and Role of Educational Institutions : A Study	112
Author's Guideline & Agreement; Membership Application; Sponsorship; About Authors	Invitation of Articles	122
	Guideline for Article	123
	Copyright Agreement	125
	Application for Membership of IISRR-IJR & Fees	126
	Sponsorship	128
	About Authors	130

Editorial

On behalf of the Indian Institute of Social Reform & Research, it gives us immense pleasure to welcome you to the first issue of the IISRR-International Journal of Research. This journal has been conceived, nourished and brought to fruition with a view to furthering the study, critical discussion and scholastic research on topics of academic and social importance.

We have chosen our journal to cover an eclectic combination of topics rather than to make it an exclusive preserve of any particular discipline. We shall make attempts for the journal to not only showcase the diverse range of research but also to provide researchers and practitioners a platform to discuss pertinent issues that have wider implications on the different facets of academic as well as social world.

The Editorial Board, comprising eminent academicians from diverse backgrounds, has decided on the contributors for this inaugural issue while attempting to demonstrate diversity and inclusivity. Naturally, not all fields, professional and socio-cultural backgrounds could be covered, but it is hoped that the mélange of expositions by these authors may inspire others to see IISRR-International Journal of Research as a natural home for their research publications.

We would like to extend our thanks and gratitude to the Authors/Contributors of articles, Reviewers, Advisers, Members of the Editorial Board and all other persons who have extended their direct and indirect cooperation to make the effort successful.

We trust there is much in this inaugural issue to inspire future researchers and potential contributors and we look forward to receiving your contributions. We welcome submissions not only from established areas of research, but also from new and emerging fields. Hope you enjoy reading this issue.

With this first issue, we are also venturing into an exciting world of dialogue with our readers and authors. IISRR-International Journal of Research would appreciate your contributions, feedback and cheers. We invite Research Articles for the next issues from faculties and researchers of all disciplines.

We hope that this journal will transmit the research expositions in simple language without flowery elaborations. We also hope that it will appeal to all those who adore research and academic pursuits.

Editor-in-Chief