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IISRR-IJR is an initiative of the **IISRR**

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This Issue is Dedicated to Prof. Chandrasekhara Venkata Raman To Commemorate his 95th Anniversary of 'Raman Effect' Discovery; declared on 28th February, 1928



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ACADEMIC ACTIVITIES OF

Indian Institute of Social Reform & Research

The Indian Institute of Social Reform and Research (IISRR) (www.iisrr.in) is a Government Registered Academic Organization. The IISRR is imparting in several academic and social activities toward sustainable development and reforms of the society at large. The notable activities of the Institute (IISRR) are given below-

- 1. Publication of the IISKR- International Journal of Research (IISRR-IJR): It is a Peer-Reviewed, ISSN numbered both Online and Print Journal, publishing since 2015. To know more about the Journal, please visit (http://www.iisrr.in/journal/, D. Those who to send Research Article for Publication in this Journal, please see the 'Guideline for Authors' from the link (http://www.iisrr.in/journal/guideline-for-author/). We invite Research Articles, Project/ Study Reports, etc, from Students, Research Scholars, Faculties, Academic Administrators, Policy makers, Industries for Publication in the next issues of our journal IISRR-IJR. Please email your Paper to us at iisrr.research@gmail.com
- 2. **Academic Programme** (in Physical, Virtual and Hybrid modes): The Institute has been organizing the following Academic Programmes independently, and also in collaboration with other Institutions and Universities, from time-to-time.
 - (i) Seminars / Webinars,
 - (ii) Symposium,
 - (iii) Academic Conferences,
 - (iv) Workshops / Training/ Orientation Programmes (Physical and Virtual). Etc.
- 3. Social Reform Activities.
- **4. Collaborative Programmes:** We invite Proposals from Academic / Educational Institutions/ Organizations for organizing collaboration in organizing several Academic Programmes.

In this context we are glad to inform that a synopsis of Programmes have conducted during 2021 by our Institute (IISRR) are given below. However, Programme Schedules are given the 'IISRR NEWS & REPORTS' Chapter of this Issue, vide page Nos..... to

Sl. No	Title of the Programme	Date of Programmes	
1	8-Day Virtual Hands-on-Activity Based International Workshop on	17 th March to 24 th March, 2021	
	"Art of Writing Research Articles: Tools & Techniques"		
2	International Webinar on	Sunday, the 8 th August, 2021 at	
	"COVID -19 Third Wave : Threats, Prevention & Care"	17.00 Hours IST (IST)	
3	National Webinar on	27 th September, 2021 at 16.00	
	"Reinvigorating Social Reforms through People's Participation"	hours (IST)	
4	IISRR National Webinar on	4 th December, 2021 at 17.00	
	"Data Security & Cyber Laws"	Hours IST (IST)	

Prof. Asit Kumar Das

Director (Honorary); Indian Institute of Social Reform & Research & Editor-in-Chief; IISRR — International Journal of Research

www.iisrr.in email: iisrr09@gmail.com; +91-8910860472 (WhatsApp)



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PUBLICATION OF SPECIAL ISSUE OF IISRR-IJR

Special Issues of the Journal are being published time to time, in collaboration with any Institutes/ Organizations, on any Specific Topics /Events/ Proceedings of Specialized Conference, Papers Presented at Seminars, Symposia and Workshops.

NO ARTICLE PROCESSING CHARGE

No Processing charge towards publication of Article(s) in the IISRR-International Journal of Research from September 2020. Publication cost for both e-Version and the Print Version of the IISRR-IJR are borne by the IISRR from their own funds; out of collections of Membership Fees and Donations received from the well-wishers.

PDF copies of Transcripts of Articles and the link for the e-Version of the Journal are being sent to each corresponding Authors. Corresponding Authors are advised to collect one Print copy of the Journal against each Article from the Office of the IISRR. However, Postage / Airmail Charges for sending Print Copy and Cost for extra copies of Print Version if any) of the Journal have to be borne by the Authors, if they desire so.

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- 2. All other Publications @25% concessional rate.
- 3. Participation in general Seminars, Symposium, Workshops etc. organized by IISRR free of cost.
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IISRR - International Journal of Research A Peer-Reviewed Half-Yearly Online & Print International Multidisciplinary Research Journal & an Initiative of the IISRR

Volume- 7; Issue : III; December 2022

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List of Multidisciplinary Subjects for Peer-Review Publication

The IISR: International Journal of Research is a double Blind (having several phages) Peer-Reviewed Online and Print Journal. There are different Panels of Reviewers (Subject Experts) for each of the following disciplines and sub-disciplines, and experts from different specific fields/ subject areas.

1. Sciences, Education & Health Sciences:

- Bio-Sciences,
- Bio-Technology,
- Chemistry,
- > Education,
- Environmental Sciences & Management,
- Fishery & Animal Sciences,
- Geography,
- Home Sciences,
- Mathematics,
- Medical Sciences & Clinical research
- Pharmaceutical Science,
- Physics,
- Psychology & Behavioral Science,
- > Statistics,
- allied subjects

2. Engineering & Technology:

- Architecture & Conservation Engineering, i
- Civil / Chemical/ Bio-Chemical Engineering,
- Computer Engineering/ Sciences & Applications,
- Electrical Engineering,
- > Electronics,
- E-Governance,
- Information Technology,
- > and allied subjects.

3. Social Sciences:

- Ancient & modern Languages, and Linguistics,
- Education,
- > Ethnical & Value Education,
- History,
- Human Resource Development,
- Journalism,
- Library & Information Sciences,
- Philosophy,
- Political Sciences,
- Sociology & Rural Development,
- > and allied subjects.

4. Finance, Law & Management Sciences:

- Accounting & Management,
- Business /Organization
 Management,
- Educational Management,
- Economics,
- > Finance,
- Human Resource Managements,
- Laws, Patent & Rights
- Marketing-Sales-Business & HR Management,
- allied subjects.

5. Art, Culture, Fine Arts & Visual Arts:

- Art & Cultural Heritage,
- Dance,
- Designing & Fashion Studies,
- Drama,
- Music & Songs,
- allied subjects.



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THIS ISSUE IS DEDICATED TO COMMEMORATE THE 95TH ANNIVERSARY OF DISCOVERY OF 'RAMAN EFFECT', DISCOVERED BY DR. C. V. RAMAN ON 28TH FEBRUARY, 1928

Editorial

The Indian Institute of Social Reform & Research is publishing Volume-7; Issue-III; December- 2021, of the IISRR-International Journal of Research on 28th February 2022.

This Issue of the Journal is dedicated to the iconic Physicist **Professor Chandrasekhara Venkata Raman**, FRS and Bharat Ratna, to commemorate the glorious 95th Anniversary of his Discovery of 'Raman Effect'; which was announced on 28th February, 1928.

Sir C.V. Raman announced the discovery of the 'Raman Effect' by using a Spectrograph that he built in the laboratory of Indian Association for Cultivation of Science, Jadavpur, Kolkata. India with his student Dr. K. S. Krishnan. The 'Raman Effect' is a milestone in evaluation of properties of light and the nuances of its scattering while it traverses through a transparent material and causes the deflected light to change its original wavelength and frequency. Dr. Raman was awarded the 'Noble Prize' in Physics in 1930 for his discovery that is known as 'Rman Effect'.

The IISRR has organized several **Virtual Seminars/ Workshops** on different relevant burning issues, after publication of Vol-7, Issues-II; which have been given in the **'IISRR News & Report' Section** of this Issues. We would like to extend our thanks and gratitude to the Participants, Experts, Resource Persons and members of Organizing Committees for making the academic events a grand success.

We would also extend our thanks to the Authors of the Research Articles, published in this Issue. Furthermore, it is to be mentioned that we could not publish all the Articles we have received for this Issue due to some technical errors and need further revisions and editing. We can assure the Authors of those Articles that we shall publish the said Articles, if they re-submit their revised Articles by maintaining the Guidelines for Authors (http://www.iisrr.in/journal/guidelines-for-authors) of our Journal and complying with the suggestions, which have already been sent to the Authors in Primary / Secondary Observations.

We also convey our thanks and gratitude to the respected Reviewers, Advisers, Members of the Editorial Board, and Website Designers, Printer and all other persons who have extended their direct and /or indirect cooperation for publishing this Issue of the IISRR-IJR, and the future issues too.

Cooperation of all concerned is earnestly solicited.

Tsit Kumar Das Editor-in-Chief



A Peer-Reviewed Half-Yearly Online International Journal for Research Activities & an Initiative of the IISRR Volume-7; Issue- III; December, 2021

Procedure of Peer-Review of Articles for Publication in the IISRR-IJR

Two-Point-Blank Peer-Review Process are being followed for publication of Articles in the IISRR-IJR, and the following Six Steps are maintained before selection and publication of Articles

1. Step -1: Receiving of Papers/ Articles:

All types of Articles / Papers/ Study Reports are being collected and checked by the Editor-in-Chief.

2. Step -2: Meeting of the Editorial Board:

Editor-in-Chief discuss with the members of the Editorial Board (online meeting) about the received articles; and classified those Articles according to different disciplines. Sectional Co-Editors are assigned to review primarily and to select the papers, which can be sent to the Reviewers for their observations. Sectional Co-Editors submit a panel of 3-4 Reviewers of their respective discipline.

3. Step -3: Sending of Articles to the Reviewers:

- (i) As per recommendations of the Sectional Co-Editors, Chief Editor (his office) send request letters to two/ three Reviewers along a soft copy of the primarily selected articles and an evolution sheet/proforma for his/her review reports.
- (ii) However, prior to sending the Article to the Reviewers, Editor-in-Chief may send **Primary Observations about the Article,** mainly on the technical aspects, to the respective Author(s) for primary revision of the Article, if he deems it fit. After receiving the Revised Article, it would be sent to Reviewers.

4. Step -4: After receiving the Reviewers' Report:

After receiving the Review Reports, Sectional Co-Editors compile the Reports and select the Papers/ Articles which are to be published- (i) Without any editing; (ii) Minor Editing needing; (iii) Major Editing needed and send back to the Author(s); (iv) Not Publishable.

5. Step -5: Intimation to Authors:

Chief Editor send intimation to the Authors along with consolidated Review Report, as per recommendation of the Sectional Co-Editors, and asked Author(s) to revise/ re-edit/ make necessary corrections of their Article(s). They are asked to make **Plagiarism Checking** and submit the **overall report** along with the Edited Article.

6. Step -6: Final Selection of the Articles for Publication:

- i) Plagiarism Checking is made almost all publishable Articles/ Papers, if Authors don't submit the Plagiarism Certificate.
- ii) Final Selection of the Articles is being made by the Chief Editor and the concerned Sectional Co-Editors.