

SCIENCE AND CULTURE

Seventysixth Year of Publication

*Special Issue on
Fifteen Years of
Econophysics Research*

IN THIS ISSUE

Editorial: Fifteen Years of Econophysics Research

Econophysics in a nutshell, Econophysics and Social Sciences, Physics of Markets

Econophysics Studies in Belgium, China, Estonia, Japan, Poland and Spain

Wealth Distribution, Market Dynamics, Stock Volatility, Statistical Mechanics of Money

Inner Space: Pardon My French



Guest Editors :
Bikas K. Chakrabarti
Anirban Chakraborti



Indian Science News Association

ESTABLISHED 1935

INSTRUCTIONS TO AUTHORS

- **Aims and Scope :** *Science and Culture* is a multidisciplinary journal that provides a medium for publication of substantial and original articles, reviews and notes which focus on research and development in science, society and culture, national issues and events. This is a unique journal connecting the reflection of the community of Indian scientists and thinkers on the public understanding of science and culture together. The Indian Science News Association and the Editors of *Science and Culture* assume no responsibility for statements and opinions advanced by the contributors to the journal.
- **Types of Contribution :** Manuscripts which will subject to peer review, should take one of the following forms :
- Articles*, should be substantially original, definitive and describe a reasonably complete investigation with definite conclusion. For the benefit of the wide readership of the journal the article should preferably be written in non-technical language.
- Research Communications*, based on original investigation on any subject of topical interest and must contain previously unpublished information. This may include preliminary communication and work in progress.
- Notes and News* present the recent discovery, recent news on a current topic or event, and will be accepted for publication following discussion with the Editorial Board of the Journal.
- Letters to the Editor* containing comments related to articles previously published in the journal.
- Book Reviews* by invitation from the Editor-in-Chief.
- **Manuscript preparation : General :** Manuscripts must be typewritten double-spaced with wide margins on one side of white paper. Good quality printouts with a four size of 12pt are required. Full postal and e-mail address must be given for all the co-authors. To expedite publication, the Editorial Board prefers to communicate with authors by e-mail. The Editors reserve the right to adjust style to certain standards of uniformity. Authors should retain a copy of their manuscript since we can not accept responsibility for damage or loss of papers.
- Paper length :** Articles should not ordinarily exceed 3000 words, Research Communications should not ordinarily exceed 1000 words and Letters to the Editor should not exceed 800 words.
- Abstracts :** An abstract of not more than 80 words must be supplied for all articles and research communications.
- Text :** Follow this order when typing manuscripts : Title, Authors, Abstract, Main text, Acknowledgements, Appendix, References, Figure Captions and then Tables. Headings should be in bold, subheadings in bold italics and subheadings in italics only. The affiliation of authors should be identified with asterisk and footnote.
- References :** All publications cited in the text should be presented in a list of references following the text of the manuscripts. In the text, relevant reference will be marked by the superscript numerals serially (e.g. Results are found to agree with synchrotron experiments of Jung et al.¹, but differs with theoretical results²). References should be given in the following form :
1. M. Jung, R. W. Dunford, D. S. Gemmell, E. P. Kanter, B. Krassig, T. W. Leburn, S. H. Southworth and Linda Young, *Phys. Rev. Lett.* **81**, 1596 (1998)
 2. K. Gottfried, *Quantum Mechanics*, Vol. I, p.153, (1966) (Benjamin, New York).
- Illustrations :** An illustration should be provided in camera-ready form, suitable for reproduction (which may include about 30% reduction) without retouching. The width of all illustrations reproduced in a single column is 7 cm or less. Photographs, charts and diagrams are all to be referred to as "Figure(s)" and should be numbered consecutively in the order to which they are referred. They should accompany the manuscript, but should not be included within the text. All illustrations should be clearly marked on the back with the figure number and the author's name. All line drawings should be done in a white paper using black ink, lettering, graph lines and points on graphs should be sufficiently large and bold to permit reproduction when the diagram has been reduced to a size suitable for the journal. Original photographs (photocopies of photographs are not acceptable) must be supplied. A scale should be marked in the photograph when necessary. Figures may be published in colour, if this is judged to be essential. When colour figures are required, the author will be charged for colour printing at the current colour printing costs. All figures are to have a caption. Captions should be supplied on a separate sheet.
- Tables :** Tables should be numbered consecutively and given a suitable caption. Each table should be typed on a separate sheet, footnotes to tables, if any, should be typed below the table and should be referred to by superscript lowercase letters. No vertical rules should be used. Tables should not preferably duplicate results presented elsewhere in the manuscript (e.g. in graphs).
- **Submission of Papers :** All manuscripts complete in all respects should be submitted in **triplicate** to the **Editor-in-Chief** of the journal. An electronic version of the manuscript written in Microsoft Word must accompany the manuscript. Authors are specially requested to reduce the number of tables, illustrations and diagrams to a minimum.
- **Reprints :** No free reprints are allowed to the contributors of Research Communications and Letters to the Editor. 10 free reprints will be provided to contributors of Review articles who are either members of ISNA or have been invited to contribute article by the Editorial Board. Reprints can be ordered at a specially reduced rate at Rs. 200/- per page upto 25 copies and Rs. 150/- per page for subsequent 25 copies. Orders for reprints should be sent within 15 days after receiving the intimation of acceptance of each manuscript. No request for reprints after this date will be entertained.

<http://www.nistads.res.in>

All details with application form are available on the NISTADS website :

- Grade Pay Rs. 6,600.
- and business (**Reserved for OBC**), in the Pay Band-3 Rs. 15,600-39,100 with
- for SC**) xi) Innovation, skill and entrepreneurship (**UR**) xii) S&T/innovation policy
- Handicapped of OBC**) x) S&T/innovation policy, technological changes (**Reserved**
- S&T mapping, quantitative studies (**One each reserved for OBC & Orthopedically**
- technology (**UR**) vii) S&T/innovation policy, development (**Reserved for OBC**) ix)
- infrastructure, environment/water studies (**UR**) vi) S&T Policy/infrastructure, off-farm
- iv) Policy experiments and innovation studies (**Reserved for OBC**) v) S & T policy/
- institution (**UR**) iii) S&T policy and innovation (**UR**) iiiii) S&T policy and design (**UR**)
- Twelve posts of Scientists Group IV (2) in the Area : i) S & T policy and economic
- 4.
- 39,100 with Grade pay Rs. 7,600;
- studies iv) S & T/history, philosophy and feminism, in the Pay Band-3 Rs. 15,600-
- 3.
- Four posts of Scientists Group IV(3) in the Area : i) S&T Policy/innovation studies
- ii) S&T and innovation/experimental economics iiiii) S&T policy, design and standards
- in the Pay Band-4 Rs. 37,400-67,000 with Grade pay Rs. 8,700;
- 2.
- Four posts of Scientists Group IV(4) in the Area : i) Sciences/knowledge institutions
- and structures ii) Large Business, high technology and innovation studies iii) Energy,
- technological change/innovation studies iv) Knowledge base development & modelling,
- in the Pay Band-4 Rs. 37,400-67,000 with Grade pay Rs. 8,700;
- 1.
- Two posts of Scientists Group IV(5) in the Area : i) S & T Policy/development studies
- ii) Modelling and system studies, in the Pay Band-4 Rs. 37,400-67,000 with Grade
- Pay Rs. 8,900;

This Institute invites applications from Indian Nationals from within or outside the country for filling up twenty two posts, UR-16, OBC-04 including 01 backlog vacancy, SC-01, Orthopedically handicapped of OBC category-01 in the following Groups and areas :-

Advertisement No. 1/2010

**NATIONAL INSTITUTE OF SCIENCE,
TECHNOLOGY AND DEVELOPMENT STUDIES**
(Council of Scientific & Industrial Research)
Dr. K. S. Krishnan Marg, New Delhi-110012



CSIR

