## IOURNAL OF THE INDIAN INSTITUTE OF SCIENCE

THE JOURNAL OF THE INDIAN INSTITUTE OF SCIENCE accepts for publication contributions in Science and Engineering, and seeks to foster scientific and technological progress in general.

The following types of articles are considered for publication:

- (a) Original papers of basic and applied research
- (b) Contributions on advances in technology
- (c) Short communications
- (d) Critical reviews and surveys.

## **Editorial Committee**

Editor:

M. Vijayan

Periodicity: Bimonthly

Associate Editor:

Subscription Rates

R. Narayana Iyengar

Country Annual Single Copy India Rs. 120 Rs. 24

\$40

Overseas

\$8

(Free surface-mail supply. Air-mail rates on application.)

Executive Editor: N. M. Malwad

Enquiries to:

Technical Officer (Editorial): The Executive Editor, K. Sreenivasa Rao

Journal of the Indian Institute of Science.

Members C/O IISc Library, Bangalore 560012, India.

**Anil Kumar** 

R. K. Kaul

S. S. Krishnamurthy

B. G. Raghavendra

M. R. S. Rao

A. P. Shivaprasad

J. Srinivasan

N. Viswanadham

R. Vittal Rao

This publication is available in microform from University Microfilms International.

Call toll-free 800-521-3044. Or mail inquiry to: University Microfilms International, 300 North Zeeb Road, Ann Arbor, MI 48106.

ISSN No. 0019-4964