

**CENTRE FOR MATHEMATICAL SCIENCES, INDIA**

**N E W S L E T T E R**

Volume 15, Number 2  
2012



**Centre for Mathematical Sciences**

**Arunapuram P.O., Pala, Kerala - 686 574, India**

**Phone/Fax: 91+ 4822 216317 (04822 216317)**

**E-mail: [cmspala@gmail.com](mailto:cmspala@gmail.com)**

**Website: [www.cmsintl.org](http://www.cmsintl.org)**

# CENTRE FOR MATHEMATICAL SCIENCES, INDIA

# NEWSLETTER

## *Editors*

**Dr K.S. S. Nambooripad, CMS South Campus (Trivandrum), Kerala, India**

**Dr Yageen Thomas, University of Kerala, India**

**Dr A. Vijayakumar, Cochin University of Science and Technology, Kerala, India**

**Dr (Sr) K.A. Germina, Central University of Kerala, Kasaragode, India**

**and**

**Dr K. Jayakumar, University of Calicut, India**

## *Editorial Assistants*

**Sini Devassy & Girija R**

**CMS Pala**

There are two issues of the Newsletter each year, the first issue appearing in the first half of the year and the second issue in the second half of the year. Volumes 1 to 9 of the Newsletter of CMS were produced in the years 1988 to 1997. Due to financial problems, the publication of the Newsletter was suspended. Volume 10, Number 1 is the first issue of the revived Newsletter.

The Newsletter is circulated to various universities and colleges in India, to important institutions around the world and to others upon request. A copy is posted on CMS web page [www.cmsintl.org](http://www.cmsintl.org) There are columns for news from other campuses and for personal news. The readers may send personal news and other news items of academic interest for these columns. Such items will be published free of charge according to the availability of space. Send the materials to one of the editors or editorial assistants or to the editorial office.

The respective authors and contributors are responsible for the correctness, statements made and views expressed, and CMS, Director, editors and publishers are not liable.

The Newsletter is typeset by Sini Devassy, produced on behalf of the Director, Centre for Mathematical Sciences and printed at Mathematical Sciences Press at CMS.

## *Editorial Office*



**Centre for Mathematical Sciences**  
**Arunapuram P.O., Pala, Kerala-686574, India**  
**Phone/Fax: 91+ 4822 216317 (04822 216317)**  
**E-mail: [cmspala@gmail.com](mailto:cmspala@gmail.com)**  
**Website: [www.cmsintl.org](http://www.cmsintl.org)**

# CENTRE FOR MATHEMATICAL SCIENCES, INDIA

## NEWSLETTER (Two issues per year)

### Subscription Rates

Universities, Institutions and Government Departments	:	Rs 400 / US\$ 30 foreign, per year
Industries and Commercial Establishments	:	Rs 500 / US\$40 foreign, per year
Schools and Colleges	:	Rs 200 / US\$ 20 foreign, per year
Personal subscriptions	:	Rs.100 / US\$ 10 foreign, per year

Those who wish to subscribe may please send the amount in bank draft/money order, cashable at the Palai, Kerala, India branch of the State Bank of India or South Indian Bank of India, made in favour of the Director, Centre for Mathematical Sciences, and mail it to the editorial office. Local subscribers may send by personal cheque or by cash payment at CMS office.

### Advertisement Rates

Full page:	Rs 10,000 / US\$ 300 foreign, per issue (colour) Rs 5,000 / US\$ 150 foreign, per issue (black and white)
Half page:	Rs 5,000 / US\$ 150 foreign, per issue (colour) Rs 2,500 / US\$ 100 foreign, per issue (black and white)
One-third page:	Rs 2,000 / US\$ 100 foreign, per issue (colour) Rs 1,000 / US\$ 50 foreign, per issue (black and white)

Advertisements are accepted from academic institutions, government departments and professional societies at the discretion of CMS. Materials for advertisement may be submitted to the editorial office, either fully set or text and photos and instructions to set, with the understanding of the above rates for advertisement. Invoice will be sent after the advertisement appears in print and then the payments are to be made promptly.

### News Items

News items of academic interest may be submitted to the editorial office of the Newsletter. These will be published, free of charge, as per the availability of space and at the discretion of CMS.

### Articles of General Interest

Articles of general academic interest may be submitted to the editorial office. These will be examined by a committee and if acceptable then they will be published free of charge.

### *Editorial Office*



**Centre for Mathematical Sciences**  
**Arunapuram P.O., Pala, Kerala- 686 574, India**  
**Phone/Fax: 91+ 4822 216317 (04822 216317)**  
**E-mail: [cmspala@gmail.com](mailto:cmspala@gmail.com)**  
**Website: [www.cmsintl.org](http://www.cmsintl.org)**