



INDIAN



MATHEMATICAL



SOCIETY

INDIAN MATHEMATICAL SOCIETY

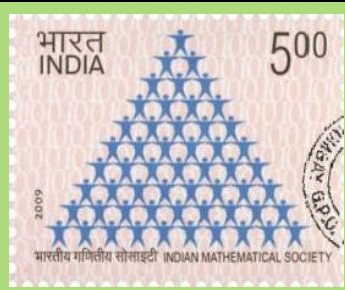
(Founded in 1907; Reg. No. S-550, Delhi)
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NEWSLETTER

NO. 34

August – 2015



Facsimile of the Commemorative Postage Stamp on the 'Indian Mathematical Society' issued by the Department of Posts (Philately Division, Government of India, to mark the completion of hundred years of the Society. Released on the Inaugural day of the Platinum Jubilee 75th Annual Conference of the Society on 27th December 2009.

**INDIAN MATHEMATICAL SOCIETY
NEWS LETTER NO. 34**

August, 2015

**81st ANNUAL CONFERENCE OF IMS
(December 27-30, 2015)**

The 81st Annual Conference of the Indian Mathematical Society will be held under the auspices of Visvesvaraya National Institute of Technology (VNIT), Nagpur, Maharashtra (India) during December 27-30, 2015 under the Presidentship of Prof. A. M. Mathai, Director, Center for Mathematical and Statistical Sciences, Peechi, Kerala & Emeritus Professor of Mathematics and Statistics, McGill University, Montreal, Canada.

Dr. Shailesh Sathe, Professor, Department of Computer Science and Engineering & Dean, Planning and Development is the Convener and Dr. G. P. Singh, Professor, Department of Mathematics & Dean, Students Welfare, VNIT, Nagpur is the Local Organizing Secretary of the Conference. Correspondence pertaining to arrangements for accommodation etc. at VNIT, Nagpur during the Conference should be addressed to Dr. G. P. Singh. His e-mail address is gpsingh@mth.vnit.ac.in and the contact mobile numbers are 09422802890, 09423684625 .

Details for sending Papers for presentation at the Conference :

1. Papers should be typed double spaced on an A4 size paper and should be accompanied by an Abstract prepared as per the instructions and format given on page nos. 5 and 6. Abstract should be brief and should not exceed 250 words. The use of formulae and symbols should be minimized. **Abstracts received without full length paper shall not be considered.**
2. The abstracts and the papers should be sent electronically (in.pdf format) to The Academic Secretary, Prof. M. M. Shikare (e-mail: mmshikare@gmail.com), Department of Mathematics, Savitribai Phule Pune University, Pune 411007 (Maharashtra), so as to reach him not later than October 31, 2015 .
3. A copy of the paper and the abstract should be retained by the author and brought for use at the time of the Conference.

4. Every paper submitted for presentation should be classified, as far as possible, according to the following classification scheme / codes and the same should be prominently displayed on the left hand top corner of the abstract.
- (A) Combinatorics, Graph Theory and Discrete Mathematics.
 - (B) Algebra, Number Theory and Lattice Theory.
 - (C) Real and Complex Analysis (including Special Functions, Summability and Transforms).
 - (D) Functional Analysis.
 - (E) Differential / Integral / and Functional Equations.
 - (F) Geometry.
 - (G) Topology.
 - (H) Measure Theory, Probability Theory and Stochastic Processes, and Information Theory.
 - (I) Numerical Analysis, Approximation Theory and Computer Science.
 - (J) Operations Research.
 - (K) Solid Mechanics, Fluid Mechanics, Geophysics and Relativity.
 - (L) Electromagnetic Theory, Magneto-Hydrodynamics, Astronomy and Astrophysics.
 - (M) Bio-Mathematics.
 - (N) History and Teaching of Mathematics.

Every author intending to present a paper should either be a member of the Society or should register himself / herself as a Sessional Member. In the case of joint authors, both the authors must be either members or should become Sessional Members. Non-members wishing to become Annual members can do so by paying Rs. 250/- . Those wishing to become Sessional Members can also do so by paying Rs. 250/- . The amount can be paid to the Treasurer, Prof. S. K. Nimbhorkar, Department of Mathematics, Dr. B. A. M. University, Aurangabad 431 004 (MS) by sending **a Bank Draft drawn in favour of the Indian Mathematical Society payable at Aurangabad (Maharashtra)**, so as to reach him by December 10, 2015. After this date, applications for becoming a Sessional member will be accepted only at the venue of the Conference at VNIT, Nagpur, Maharashtra during December 27-30, 2015 .

Acceptance of a paper for presentation does not automatically imply its acceptance for publication in the Journal of the Indian Mathematical Society or in The Mathematics Student. In case an author wants a paper to be considered for publication in either of these periodicals, he/she should submit the same separately to the Editor concerned.

Award of Various Prizes

The Indian Mathematical Society awards following prizes.

A. P. L. Bhatnagar Memorial Prize.

This Prize is awarded annually to the top scorer of the Indian Team at the International Mathematical Olympiad. It consists of a cash prize of Rs. 1000/- and a Certificate. The Prize is presented during the Inaugural Session of the Annual Conference of the Indian Mathematical Society.

B. Narasinga Rao Memorial Prize.

This Prize is awarded to the author of the best research paper published in the Journal of the Indian Mathematical Society or The Mathematics Student. The Prize carries a token amount of Rs. 2000/- along with a Certificate.

The Prize is recommended by a committee consisting of The Academic Secretary, Indian Mathematical Society (Convener), Editor, Journal of the Indian Mathematical Society and the Editor, The Mathematics Student. The Prize is awarded during the Inaugural Session of the Annual Conference of the Indian Mathematical Society.

Following conditions apply:

1. The research paper must be under single authorship, the research work must have been carried out in India and the post-doctoral research work is preferred.
2. The upper age limit of the awardee should not be more than 45 years as on the date of receipt of the paper by the Editor.

C. Various Prizes for Research Paper Presentation.

In order to encourage and inspire the young and budding research workers, the Society holds, during its Annual Conferences, a Special Session of Paper Presentation Competition for various Prizes to be awarded to the best research papers presented. This Special Session is held as a part of the Academic Programme with no other parallel session.

Following are the areas and the grouping for these prizes:

1. **IMS Prize-group-1:** Discrete Mathematics (Combinatorics, Graph Theory, Posets), Lattice Theory, Set Theory, Logic, Number Theory and related areas.
2. **IMS Prize-group-2:** Algebraic Geometry, Geometry, Topology, Algebraic Topology, and related areas.
3. **IMS Prize-group-3:** Measure Theory, Probability Theory, Stochastic Processes, and related areas.
4. **IMS Prize-group-4:** Differential / Integral / Functional equations and inequalities, Special Functions , Numerical Analysis and related areas.
5. **IMS Prize-group-5:** Solid Mechanics, Fluid Mechanics, Electromagnetic Theory, Magneto-Hydrodynamics, Astronomy, Astrophysics, Relativity and related areas.
6. **IMS Prize-group-6:** Operations Research, Optimization, Computational Mathematics, Information Technology, Bio mathematics, History of Mathematics and related areas.

AMU Prize: Algebra, Differential Geometry and Functional Analysis.

V. M. Shah Prize: Real Analysis, Complex Analysis, Fourier Analysis, Harmonic Analysis, Approximation Theory and related areas.

Three / Four judges are appointed by the Council for the “Paper Presentation Competition” for deciding the award of various Prizes. Each of these eight prizes listed above carries a Certificate and a cash amount of Rs. 1000/-.

Following conditions apply:

1. Only the Members of the Society are eligible for participation in the Competition.
2. The upper age limit of a candidate for participation in the Competition is 40 years as on December 31 of the respective year.
3. (a)The paper to be presented for the competition has to be under single authorship.
(b)Independent work at the post-doctoral level is preferred.
(c)The work must have been carried out in India.
(d)Stress will be on both, quality of research as well as performance during the presentation.
4. Soft copy of the full paper with the abstract (not exceeding 250 words) **in its electronic version i.e. in .pdf format** should reach Prof. M. M. Shikare on the e-mail address given earlier not later than October 31, 2015. Candidates should also submit their latest CV and the proof of their age (scanned copy of high school certificate will do) along with the paper.

Note: One who is already awarded a prize in a certain area in the past is not expected to participate in the competition for the prize in the same area.

An appeal:

All the Heads of the Departments / Institutions and the Research Supervisors are requested to encourage their research students for participation in this Competition.

INSTRUCTIONS FOR PREPARING ABSTRACT

The following instructions should be followed carefully to ensure smooth editing and printing of the abstract:

1. Soft copy of the Abstract is required.
2. The use of formulae and symbols should be minimized.
3. List of references should not form part of the abstract.
4. Classification of the abstract is a must.
5. Full address is not allowed, **e-mail address is a must.**
6. The word “abstract” should not be written.
7. The abstract must begin with the title of the paper.
8. Coma should be inserted at the end of the title and the name(s) of the author(s) be written on the same line.
9. The name of the author’s town should be written in brackets after the name; in case of two (or more) authors from the same town, the town be mentioned only after the last author’s name.

The abstract is likely to be rejected if any of these instructions (particularly (1), (2), (5) and (7)) is violated.

The **electronic versions of the paper and the abstract in .pdf format** should be sent to Prof. M. M. Shikare on the e-mail address given earlier so as to reach him not later than October 31, 2015 (after which date no paper will be accepted).

FORMAT FOR THE ABSTRACT

Name of the Author(s) :

Institution(s) :

Name of the Presenter :

Address for Correspondence :

ABSTRACT : The abstract must be accommodated in the space as in the box below in strict accordance with instructions given above. The word “abstract” must not be written in the box.

SECTION: The Section (A, B, C, etc.) should be carefully chosen and entered here. Refer the classification codes given earlier.

Periodicals published by the Society

The Society publishes two periodicals - *The Journal of the Indian Mathematical Society* (JIMS ; the Journal ; ISSN 0019-5839) and *The Mathematics Student* (Math Student ; the Mathematics Student; ISSN 0025-5742) , both of which are quarterly.

* *Only the research papers of high quality* are published in the Journal

* Ordinarily the following is published in The Mathematics Student :

- the texts of Presidential Addresses, the Plenary talks and the Award Lectures delivered at the Annual Conferences,
- the texts of the invited talks delivered at the Annual Conferences,
- research papers, and
- the Proceedings of the Society's Annual Conferences, Expository & Popular articles, Book Reviews, Reports of IMS Sponsored lectures, etc.

Copyright: Copyright of the articles published in the Journal or the Mathematics Student lies with the Indian Mathematical Society.

Manuscript Submission : For the Journal, manuscripts in the electronic form should be submitted to Prof. Satya Deo, Editor, JIMS (e-mail : jimsmorane@gmail.com). For The Mathematics Student, manuscripts in the electronic form should be submitted to Prof. J. R. Patadia, Editor, The Mathematics Student (e-mail: msindianmathsociety@gmail.com).

On the acceptance of the article, the authors are required to submit LaTeX file as well as pdf file of the article.

Manuscript Style: Manuscripts (including bibliographies, tables, etc.) should be typed double spaced on A4 size white paper with 1 inch (2.5 cm.) margins on all sides with font size 11 pt., preferably in LaTeX. Sections should appear in the following order : Title Page, Abstract, Text, Notes and References. Comments or replies to previously published articles should also follow this format with the exception of abstracts. While typing in LaTeX, the following Preamble be used:

```
\documentclass[10 pt,a4paper,twoside,reqno]{amsart}
\usepackage{amsfonts,amssymb,amscd,amsmath,enumerate,verbatim,calc}
\renewcommand{\baselinestretch}{1.2}
```



```
\textwidth = 12.5 cm
\textheight = 20 cm
\topmargin = 0.5cm
\oddsidemargin = 1 cm
\evensidemargin = 1 cm
\pagestyle{plain}
```

Title Page: The Title page should include the manuscript title, authors' names & permanent affiliations and the name, address & e-mail address of the author to whom galley proofs and soft copy (PDF file with watermarked "Author's copy") of the paper published (in place of reprints) is required to be sent.

Abstract: The following page should include an abstract of not more than 100 words, a list of two to six key words and AMS subject classification (2010).

Text: The text of the manuscript should begin on a new page. The introduction should have heading number 1. Subsequent section headings (including appendices) should be designated by Hindu-Arabic numerals (2,3,...etc.) and subsection headings should be numbered 2.1, 2.2, etc. Figures, tables and displayed equations should be numbered consecutively throughout the text (1, 2,...etc.). Equation numbers should appear flush left in parentheses and running variables for equation (e.g., $i = 1, 2, \dots, n$) flush right in parentheses.

References: Responsibility for the accuracy of bibliographic citations lies entirely with the Authors. References in the body of the text should be in cross-reference style (`\cite{}`) mode in LaTeX. Example: "...as mentioned in (`\cite{}`, `\cite{}`), Ramanujan (`\cite{}`) obtained the following result ...". References in the list at the end should be in alphabetical order of last name (not initials) and should be in bibliographic cross references mode/style.

Examples:

Reference to a journal publication:

[1]. Birkhoff, G., *Neutral elements in general lattices*, Bull. Amer. Math. Soc. **46** (1940), 702 - 705.

In LaTeX,

\bibitem{Birk} Birkhoff, G., \textit{Neutral elements in general lattices},

Bull. Amer. Math. Soc. {\bf{46}}(1940), 702 - 705.

Reference to a book:

[1]. Munkres, J., *Elements of Algebraic Topology*, Addison - Wesley, 1984.

In LaTeX,

\bibitem{Munkrs} Munkres, J., \textit{Elements of Algebraic Topology},

Addison - Wesley, 1984.

Illustration Style: Originals for illustrations should be sharp and of good contrast. Each Figure and Table should be mentioned in the text and numbered consecutively using Hindu-Arabic numerals. For each Figure and Table, its desired location in the text should be clearly specified. Each Figure and Table must have a caption. Example of proper style for captions : ‘Figure 1’ or ‘Table 1’. Suggested Figure formats are : TIFF, GIF, EPS, PPT and Postscript. Files should be at least 300 dpi.

Reprints: Authors of the papers printed in the Journal as well as in The Mathematics Student shall be entitled to receive a **soft copy (PDF file with watermarked “ Author’s copy”)** of the paper published.

There are **no page charges** for publications in the Journal as well as in The Mathematics Student. However, **if author(s)** (whose paper is accepted for publication in any of the IMS periodicals) **is (are) unable to send the LaTeX file of the accepted paper, then a charge Rs. 100/- (US \$ 10/-) per page will be levied for LaTeX typesetting charges.**

Subscriptions

* Annual subscription for the Journal / The Mathematics Student :
For each periodical

- Rs.1500/- for Libraries of Educational Institutions in India - provided the subscription is direct or through an agent who gives complete name and address of the subscriber. The supply will be made directly to the subscribing library.
- Rs. 1800/- for Libraries of Educational Institutions in India when the subscription is made through an agent who gives complete name and address of the subscriber. The supply will be made directly to the subscribing library. The agents will get 15% discount.

- Rs. 6000/- for others for personal use or to the agents who do not supply the names and addresses of the end users. In this case, the agents will get 20% discount.
- US \$150/- for personal use or for Libraries outside India. The agents are entitled to get 20 % discount on their orders.

Each issue of The Mathematics Student is being sent to the Life Members **in electronic form** to their e-mail address registered by the members with the Society for their personal use (not for circulation). No hard copy of this periodical will be sent to the Members. Those Members who have not registered their e-mail address are requested to register it on <imsgoesgreen@gmail.com>. It may please be noted that the contents of The Mathematics Student will continue to be available on the Society's website www.indianmathsociety.org and a physical copy of The Mathematics Student will continue to be available at the IMS Library (Ramanujan Institute of Advanced Study in Mathematics, Madras University, Chennai) as well as at the Registered Office of the Society (Department of Mathematics, Savitribai Phule Pune University, Pune - 411 007) for reference during office hours.

Membership of the Society

Life Membership Fees:

Rs.2000/- (US \$1000/- for those residing outside India - referred to as *International Life Members*).

The Life Members of the Indian Mathematical Society who have registered their e-mail with the Society are entitled to a FREE online access to The Mathematics Student or a FREE copy, **online in electronic form**, of The Mathematics Student for their personal use (not for circulation).

Ordinary Annual Membership Fees:

Rs. 250/- (US \$100/- for those residing outside India).

Sessional Membership Fees :

Rs. 250/- (US \$100/- for those residing outside India).

Sessional Members are those who join the Society only for a particular Session. They may contribute paper(s) for presentation and / or participate in any of the academic programmes held during the Session.

- *Membership form is available on the IMS website.*

Business Correspondence and Payments:

All business correspondence be addressed to Prof. S. K. Nimbhorkar, Treasurer, IMS;

Department of Mathematics, Dr. B. A. M. University, Aurangabad - 431 004 (Maharashtra), India. All payments are to be made to Prof. S. K. Nimbhorkar, Treasurer, IMS by DD drawn in favour of “**The Indian Mathematical Society**” payable at **Aurangabad** (Maharashtra), India at the address mentioned above.

Member in good standing:

A member is considered to be of good standing in a particular year if he/she has paid his/her Membership fees by **July 31** of that year.

IMS Library

The Indian Mathematical Society Library is housed in the Campus of the Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai - 600 005 ever since it was shifted from Pune.

The Library receives many journals on Exchange basis and has a rich collection of back numbers of reputed mathematical journals received from all over the world. The complete catalogue of the back volumes of all the periodicals published by the Society as well as those received in exchange by the Society and available in the IMS Library, Chennai, is now displayed on the IMS website. There is a spate of request for photocopies of articles published in these journals and the Library attends to these demands promptly. If a particular journal is not available in the IMS Library, the scholars / students are requested to contact other Libraries where it is likely to be available providing them with the addresses of those Libraries.

The address of the IMS Library is:

The Indian Mathematical Society Library,
The Ramanujan Institute for Advanced Study in Mathematics,
University of Madras, Chepauk, Chennai - 600 005.
Phone : (O) +91-44-25360357, (M) +91 - 9444835592
e-mail: ramajayamsaha@yahoo.co.in

For further information one may contact Prof. R. Sahadevan, Director, Ramanujan Institute for Advanced Study in Mathematics, University of Madras, Chennai, who is the Honourary Librarian for the Indian Mathematical Society Library.

NOMINATIONS FOR ELECTION TO THE COUNCIL OF THE SOCIETY

The Council has made the following nominations for elections to the Council:

President: Prof. D. V. Pai, IIT Bombay, Mumbai for the election to the office of

the President of the Society for a period of one year w. e. f. April 1, 2016.

As the Office bearers (for the next three years w.e.f April 1, 2016), the Council made the following nominations:

- (a) General Secretary: Prof. N. K. Thakare
- (b) Academic Secretary: Prof. Piyush Chandra
- (c) Treasurer: Prof. S. K. Nimbhorkar
- (d) Editor, JIMS: Prof. Satya Deo
- (e) Editor, The Math Student: Prof. J. R. Patadia

Dr. S. P. Tiwari (Indian School of Mines, Dhanbad) and Prof. P. Veeramani (IIT, Chennai) are nominated for election as members of the Council for a period of three years w. e. f. April 1, 2016.

Prof. M. M. Shikare, Department of Mathematics, Savitribai Phule Pune University, Pune is appointed by the Council as an Administrative Secretary of IMS for three years with effect from April 1, 2016.

Any member of the Society may submit to the Returning Officer, *Prof. M. M. Shikare*, Department of Mathematics, Savitribai Phule Pune University, Pune - 411 007, Maharashtra, India an alternative list of name(s) for some or all of the above vacancies; only such nominations being considered valid as are supported in writing by a letter of consent from each one of the candidates proposed by a member, so as to reach the Returning Officer not later than the October 5, 2015.

The nominations made by the Council with an indication made to that effect, together with other valid nominations made by members of good standing of the Society shall be submitted by the Returning Officer to all members of the Society in good standing by means of ballot papers sent by post by November 10, 2014 with instructions to be returned to him latest by the December 10, 2015.

(A member will be considered to be of good standing if his/her membership Fees are not in arrears and if he/she has paid his/her membership Fees for the current year by July 31, 2015).

The Returning Officer shall collect the ballot papers returned to him by the members up to December 10, 2015 and carry them to the venue of the Conference, where they will be opened and counted by him (or his nominee) in the presence of a committee consisting of the President (or his nominee) and the other Secretaries. A simple majority shall determine the result of the election in each case.

The list of newly elected office-bearers and additional members of the Council shall be announced at the General Body Meeting going to be held during the Annual Conference. The new Council shall assume charge of its office with effect from the April 1, 2016.

**MINUTES OF THE ANNUAL GENERAL BODY MEETING OF THE
SOCIETY HELD ON DECEMBER 30, 2014 AT 12:15 PM IN THE
GOLDEN JUBILEE AUDITORIUM OF THE INDIAN SCHOOL OF
MINES, DHANBAD**

The Annual General Body Meeting of the Indian Mathematical Society was held on Tuesday, the 30th December 2014 at 12.15 p.m. in the Golden Jubilee Auditorium of the Indian School of Mines, Dhanbad, Jharkhand under the presidentship of Prof. S. G. Dani.

The following business was transacted.

Item No. 1. To confirm the Minutes of the General Body meeting held on Tuesday, December 31, 2013 at 12.15 p.m. in Seminar Hall No. 1 of the Rajagiri School of Engineering and Technology, Rajagiri Valley, Cochin, Kerala. The Minutes of the General Body meeting held on December 31, 2013 at 12.15 pm at Cochin were confirmed.

Item No. 2. To receive the report of the General secretary for the year 2014.

Report of the General Secretary for the year 2014.

1. The IMS News Letters - No. 31 in March 2014 and No. 32 in August 2014 - were published. They are also displayed on the website of the Indian Mathematical Society. The soft copies of these News Letters have been sent by e-mails to all the members of the Society.
2. The meeting of the office bearers of the IMS and the representative of the Informatics (India) Ltd., concerning online publications of the periodicals, was held on 26th June 2014 at 11.00 am in the Department of Mathematics, Savitribai Phule Pune University, Pune.
3. As per the earlier decision, the second meeting concerning online publication of JIMS and digitization of the back volumes of the periodicals of IMS was held with the representatives of Informatics (India) Ltd., Bangalore on 13th July 2014 in the conference room of the Guest House of the Savitribai Phule Pune University, Pune from 10.00 am to 11.00 am. Various aspects concerning online publication of JIMS, digitization of periodicals as well as a preliminary draft of the memorandum

to be signed between IMS and Informatics (India) Ltd. were discussed in the meeting.

4. The meeting of the Academic Planning Committee for the 80th Annual Conference was held on Sunday, the 13th July 2014 from 11.00 am in the conference room of the Guest House of the Savitribai Phule Pune University, Pune. The meeting was presided over by Prof. S. G. Dani. The names for four memorial award lectures, plenary talks, invited talks, list of symposia and their conveners were finalized in the meeting. Invitations to the speakers of the Award Memorial Lectures were sent.
5. A committee of Prof. Satya Deo (Chairman), Prof. J. R. Patadia and Prof. M. M. Shikare was appointed to recommend the name of the author of the best research paper (published in JIMS and Math Student during 2012) for the award of A. Narasinga Rao Memorial Prize for the year 2012. The committee recommended Dr. Sanjay Kumar, Department of Mathematics, Deenbhandhu Chhotu Ram University of Science and Technology, Murthal, Sonapat for this award.
6. P. L. Bhatnagar Memorial Prize for 2014 has been awarded to Mr. Sangik Saha (Kolkata West Bengal) for being the top scorer for the Indian Team at the 55th International Mathematics Olympiad (IMO) held during July 3-13, 2014 at Cape Town, South Africa.
7. During the year of the report 190 new life members were enrolled, besides 70 sessional members.
8. A timely guidance and the help has been provided to Dr. S. P. Tiwari, Local organizing secretary of the 2014 IMS conference pertaining to raising of funds, local arrangements and inaugural function of the conference.
9. Each Life Member of the Society is now allotted a Permanent Membership Number. The complete list of Life Members of the Society is now available on the IMS website.
10. The complete catalogue of the back volumes of the periodicals published by the Society as well as those received in exchange by the Society and available in the IMS Library, Chennai is now available on the IMS website.

Item No. 3. To receive the Report of the Academic Secretary-2014.

The Academic Secretary, Prof. M. M. Shikare presented the brief report on the academic activities for the year 2014.

1. The meeting of the Academic Planning Committee (APC) of the IMS was held at the Department of Mathematics, Savitribai Phule Pune University, Pune on

July 13, 2014. The names of the four memorial award lecturers, plenary speakers, invited speakers, the topics of the symposia and their conveners were decided as per the following details.

2. Memorial Award lectures:

- (i) 25th Hansraj Gupta Memorial Award Lecture, Ritabrata Munshi, TIFR, Mumbai
- (ii) 25th V. Ramaswami Aiyer Memorial Award Lecture, Sudhir Ghorpade, IIT, Mumbai
- (iii) 28th P. L. Bhatnagar Memorial Award Lecture, S. K. Tomar, Punjab University, Chandigarh
- (iv) 25th Srinivasa Ramanujan Memorial Award Lecture, B. V. Rajaram Bhat, ISI, Bangalore

3. Plenary talks :

- (i) Prof. Rajesh Gopakumar, Harish-Chandra Research Institute, Allahabad
- (ii) Prof. Kim Plofkar, New York (USA)

4. Invited talks (One hour) :

- (i) Govinda Rangarajan, Department of mathematics, Indian institute of Science, Bangalore
- (ii) Prof. M. Mursaleen, Aligarh Muslim University, Aligarh
- (iii) Ashish Upadhyay, IIT, Patna

5. Invited talks (half an hour):

- (i) Dr. Mahender, Singh, IISER, Mohali
- (ii) Dr. J. N. Choudhary, Jalgaon
- (iii) Dr. V. V. Joshi, Savitribai Phule Pune University, Pune

6. Symposia and their conveners:

- (i) Chaos and Complexity in Nonlinear Phenomena: Prof. R. K. Upadhyay, ISM, Dhanbad
- (ii) Ergodic Theory: Prof. Anish Ghosh, TIFR, Mumbai
- (iii) Nonlinear Analysis (In memory of late Prof. S. P. Singh, Canada): Prof. Q. H. Ansari, AMU, Aligarh
- (iv) Number Theory: Prof. S. A. Katre, Savitribai Phule Pune University, Pune

7. The invitations were sent to the above mathematicians providing them the necessary details regarding the organization of the conference. They were requested to send the titles and the brief abstracts of their talks. The conveners of the symposia were requested to identify the speakers of the symposia and get the titles and abstracts of their talks.
8. In all 71 papers were received for oral presentations in the Conference while 16 papers were received for various prizes. The abstracts of the papers (in the form of soft files) were sent to Dr. S. P. Tiwari, local organizing secretary for printing them in the abstracts booklet of the conference.
9. The Academic programme of the conference was prepared in the month of November 2014. The programme was displayed on the website of the Indian Mathematical Society.

Item No. 4. To receive the report of the Administrative Secretary of the Indian Mathematical Society for the year 2014.

Report of the Administrative Secretary for the year 2014.

1. Assistance was provided to the General Secretary
 - (i) for sending e-mails of thanks and appreciations to the speakers of the Memorial Award lectures, Invited talks and conveners of the symposia, local organizing secretary;
 - (ii) for informing the President of his election to the post of President of the IMS; and
 - (iii) for informing Elected Council members of their election
2. The Minutes of the Council meeting and the general body meeting held at Cochin were prepared under the guidance of the General Secretary.
3. The print copies of JIMS Volume 81, nos. 3-4 (July- Dec. 2014) and JIMS Volume 82, nos. 1-2 (January - June 2015) were received from Parashuram Process, Pune and preserved in the Library of the Mathematics Department, Savitribai Phule Pune University, Pune. The camera ready copy of The Math. Student, Vol. 83, Numbers 1-4, (2014) was forwarded to the Parashuram Process for the purpose of printing.
4. The copies of JIMS Vol. 81 (No. 1-2) and Vol. 81 (nos. 3-4) were sent to the subscribing institutes and Universities by registered parcels. The account of corresponding expenses has been maintained.
5. Arrangements were made for holding the meeting of the Academic Planning Committee on Sunday, the 13th July 2014 from 11.00 am in the conference room of the Guest House of the Savitribai Phule Pune University, Pune.

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6. IMS News Letter Nos. 31 and 32 were prepared and sent by e-mails to the life members of the IMS.
 7. Back volumes of JIMS and The Math Student (about one thousand copies) sent by Prof. S. P. Arya to Pune were collected from Rajasthan Golden Trans. Com. and were carried to IMS office at Aundh, Pune.
 8. Invitation was sent to Mr. Sagnik Saha for attending the Inaugural function of IMS and receiving the P. L. Bhatnagar memorial prize awarded to him.
 9. The records / documents such as minutes of the Council meeting, minutes of the general body meeting, copies of the News Letters, copies of agenda for Council meeting, General body meeting etc. have been maintained.

Item No. 5. To consider the Audited Statement of Accounts for the year 2013-2014 and budget for the year 2015-2016.

The Audited Statement of Accounts for the year 2013-2014 and budget for the year 2015-2016 presented by the Treasurer, Prof. S. K. Nimbhorkar were approved.

Item No. 6. To receive the report of the Editor, The Journal of the Indian Mathematical Society for 2014.

Report of the Editor, Journal of the Indian Mathematical Society.

• Manuscript status:

Number of manuscripts pending with the referees or under process at the end of 2013 : 30

Number of manuscripts received during 2014 : 70

Total : 100

Number of manuscripts accepted in 2014 : 24

Number of manuscripts not accepted : 57

Number of manuscripts with the referees or under process : 19

Total : 100

- Publication status:

Volume 81 (1- 2) 2014 of the Journal of the Indian Mathematical Society was published and sent to the subscribers in January 2014.

Volume 81 (3 - 4) 2014 of the Journal of the Indian Mathematical Society was published in June 2013 and sent the subscribers in July 2014.

Volume 82(1 - 2) 2015 of the Journal of the Indian Mathematical Society is being released in the inaugural function of this conference and will be sent to subscribers in January 2015.

Volume 82 (3 - 4) 2015 of the Journal of the Indian Mathematical Society is under preparation and will be published in July 2015.

The Chief Editor, JIMS puts on record his grateful thanks to the referees from India and abroad for their assistance and support to JIMS. The editor also expresses his sincere thanks to the Treasurer of IMS, Prof. S. K. Nimbhorkar and the Admn. Secretary Prof. M. M. Shikare for providing valuable assistance in the overall publications of JIMS.

Item No. 7. To receive the report of the Editor, The Mathematics Student for 2014.

Report of the Editor of The Mathematics Student for 2014

Publication Status:

- The soft copy of the Vol. 82, Nos. 1- 4, (2013) of The Mathematics Student is sent on line to all the Life Members (who have registered their e-mail id on line on imgoesgreen@gmail.com or jamanadaspat@gmail.com or sknimbhorkar@gmail.com) at their registered e-mail addresses. The contents of this volume as well as the entire volume is available on the Society's website.

- The Vol. 83, Nos. 1- 4, (2014) of The Mathematics Student is published. Its soft copy will be sent on line to all the life members by the end of January 2015 at their registered e-mail addresses. The contents of this volume as well as the entire volume is already available on the Society's website.

- There is no backlog as regards to the publication of The Mathematics Student.

Manuscript Status:

- 38 manuscripts are received during the period from December 24, 2013 to December 23, 2014 and 13 manuscripts were reported as pending with the referees in the last report.
- Out of these total 51 manuscripts, 06 are accepted, 26 are not accepted and 19 are pending with the referees.

Acknowledgements:

- The Editor takes this opportunity to put on record his sincere thanks and profuse gratefulness to the referees for their continuous support and assistance in our sustained efforts for timely publication of The Mathematics Student. The Society looks forward to the active assistance in the constructive reviewing work as well as quality contributions from the large pool of mathematicians from India and abroad.
- The Editor thanks the Treasurer Prof. S. K. Nimbhorkar for his assistance in getting done the composing work of the Vol. 83, Nos. 1-4, (2014) of The Mathematics Student.
- The Editor expresses his sincere and heartfelt thanks to the Administrative Secretary Prof. M. M. Shikare and the Pune Press for their assistance in getting the Vol. 83, Nos. 1-4, (2014) of The Mathematics Student printed, and thus in its timely publication, at a very short notice of just ten days!

Call for research contributions:

- Contributions are welcome and are assured of all the sincere efforts for prompt processing.

Item No. 8. To consider the venue of the Annual Session of the next Conference.

The Council accepted the firm invitation from the Director, Visvesvaraya National Institute of Technology (VNIT), Nagpur for organizing the 81st Annual Conference of the Indian Mathematical Society. Prof. G. P. Singh, Professor of Mathematics and Dean (Students Welfare), VNIT will be the Local Organizing Secretary.

Item No. 9. Announcements of the results of the following elections: President for the year 2015-2016 and three members of the Council for a period of three years w. e. f. April 01, 2015.

The returning officer Prof. M. M. Shikare reported that the following members are

declared elected.

President for 2015-16: Prof. A. M. Mathai, Peechi, Kerala is elected as the President of IMS for a period of one year with effect from April 01, 2015.

Members of the Council for a period of three years w. e. f. April 1, 2015 : Dr. P. B. Vinod Kumar (Rajagiri School of Engineering and Technology, Rajagiri Valley, Cochin), Prof. Manjusha Muzumdar (Calcutta University, Kolkata) and Dr. Bankateshwar Tiwari (BHU, Varanasi) are elected as Members of the Council of IMS for a period of three years w. e. f. April 1, 2015.

Item No. 10. Any other item with the permission of the chair.
The Meeting ended with a vote of thanks to the Local Organizers and the President of the Indian Mathematical Society.

N. K. Thakare
General secretary
Indian Mathematical Society

NOTICE OF THE ANNUAL GENERAL BODY MEETING

The Annual General Body Meeting of the Indian Mathematical Society will be held on Wednesday, December 30, 2015 at 12.00 noon in the Department of Mathematics, VNIT, Nagpur (Maharashtra), to consider the following agenda.

All the members of the Society are requested to kindly attend the meeting.

AGENDA

1. To confirm the Minutes of the General Body Meeting held on December 30, 2014 at the Department of Applied Mathematics, Indian School of Mines, Dhanbad (Jharkhand).
2. To receive the report of the General Secretary for 2015.
3. To receive the report of the Academic Secretary for 2015.
4. To receive the report of the Administrative Secretary for 2015.
5. To consider the Audited Statement of Accounts for the year 2014-2015 and the Budget for the Financial Year 2016-2017.

6. To receive the report of the Editor of the Journal of the Indian Mathematical Society for 2015.
7. To receive the report of the Editor of The Mathematics Student for 2015.
8. To consider the venue of the 82nd Annual Session of the Society to be held in December 2016.
9. Announcement of the results of the following elections:
 - (i) President for 2016-2017;
 - (ii) Office bearer of the Council for a period of three years w.e.f. April 1, 2016;
 - (iii) three members of the Council for a period of three years w. e. f. April 01, 2016.
10. Any other item with the permission of the chair.
(Members in good standing are entitled to exercise vote.)

N. K. Thakare
General Secretary, IMS.
C/o Center for Advanced Study in Mathematics,
Savitribai Phule Pune University, Pune

August 27, 2015

**Highlights of the Academic Programme of the ensuing Conference at
VNIT, Nagpur, Maharashtra during December 27-30, 2015**

1. **Plenary Lectures : One**
The Plenary Lecture will be delivered by Prof. V. Srinivas, TIFR, Mumbai.
2. **IMS Memorial Award Lectures :**
 1. The 29th P. L. Bhatnagar Memorial Award Lecture will be delivered by Prof. V.D. Sharma, IIT Bombay, Mumbai.
 2. The 26th Srinivasa Ramanujan Memorial Award Lecture will be delivered by Prof. Parameswaran Sankaran, Institute of Mathematical Sciences, CIT Campus, Taramani, Chennai-600 113.
 3. The 26th V. Ramaswamy Iyer Memorial Award Lecture will be delivered by Prof. Uttara V. Naik Nimbalkar, SPPU, Pune.
Title: Likelihood, Estimating Functions and Generalized Method of Moments.

4. The 26th Hansraj Gupta Memorial Award Lecture will be delivered by Prof. B. Sury, Stat-Math Unit, Indian Statistical Institute, Bangalore.
Title: Generating matrix groups over nice rings.
5. The 12th Ganesh Prasad Memorial Award Lecture will be delivered by Prof. M. T. Nair, IIT, Chennai.
Title: Compact operators and Hilbert scales in ill-posed problems.

3. One hour Invited Talks:

Prof. Edy Tri Baskoro, Institut Teknologi Bandung (ITB), Bandung, Indonesia.

4. Half an hour Invited Talks:

- (i) Prof. Yaokun Wu, Shanghai Jiao Tong University, Shanghai, China.
Title: Graph dynamical system.
- (ii) Dr. Anupam Kumar Singh, Mathematics, IISER, Pune.
Title: A Membership test for the Classical Groups.
- (iii) Prof. B. N. Waphare, SPPU, Pune.
Title: Amartya Sen's Mathematical Approach to Social Choice Theory.
- (iv) Prof. K. C. Deshmukh, R. T. M. Nagpur University, Nagpur.
Title: Some Generalized Thermoelastic Problems with Heat Supply in a Solid Cylinder.
- (v) Prof. Avinashkumar Chaturvedi, Allahbad University.
Title: RETRACTABLE AND RELATED MODULES.
- (vi) Dr. Sanjaykumar Amrutiya, IIT, Gandhinagar.
Title: Moduli of quiver representations and its applications.
- (vii) Dr J. S. V. R. Krishnaprasad, M. J. College, Jalgaon.
Title: Low Reynolds number flow in tubes of varying cross-section.
- (viii) Dr. S. P. Tiwari, Indian School of Mines, Dhanbad.
Title: Fuzzy rough sets and fuzzy topologies.

5. Symposia:

A. Recent Advances in Complex Analysis

Convener: Dr. A. P. Singh, Central University, Rajasthan.

Speakers:

- (i) Dr. A. P. Singh, Central University, Rajasthan.
- (ii) Dr. S.S.Bhoosnurmath, Karnataka University, Dharwad.
- (iii) Dr. I. Lahiri, Kalyani University, Kalyani, West Bengal.
- (iv) Dr. G. L. Reddy, University of Hyderabad.
- (v) Dr. G. S. Srivastava, IIT Roorkee.

(vi) Dr. M. Guru Prem Prasad, IIT, Guwahati.

B. Fractional Calculus: Current Trends

Convener: V. S. Gejji, SPPU, Pune.

Speakers:

- (i) Dr. A. M. Mathai, Director, Center for Mathematical and Statistical Sciences, Peechi, Kerala and Emeritus Professor of Mathematics and Statistics, McGill University, Montreal, Canada.
- (ii) Dr. V. S. Gejji, SPPU, Pune.
- (iii) K. Balachandran, Department of Mathematics, Bharathiyar University, Coimbatore.
- (iv) Kiran Kolwankar, Dept of Physics, Jhunjhunwala College, Mumbai.
- (v) Sachin Bhalekar, Department of Mathematics, Shivaji University, Kolhapur.

C. Global Differential Geometry

Convener: Mukut Mani Tripathi, BHU, Varanasi.

Speakers:

- (i) Dr. Arindam Bhattacharyya, Affiliation: Department of Mathematics, Jadavpur University, West Bengal.
Title: Ricci Solitons and their applications in contact geometry.
- (ii) Dr. Rakesh Kumar, Department of Basic and Applied Sciences, Punjabi University, Patiala, Punjab.
Title: Lightlike Submanifolds of Semi-Riemannian Manifolds.
- (iii) Dr. H.G. Nagaraja, Affiliation: Department of Mathematics, Bangalore University, Bangalore, Karnataka.
Title: Finsler manifolds of constant positive curvature.
- (iv) Dr. N. Uday Kiran, Department of Mathematics and Computer Science, Sri Sathya Sai Institute of Higher Learning, Prashanthi Nilayam, Puttaparthi, Andhra Pradesh.
Title: Symplectic Geometry and its Applications.
- (v) Dr. Mukut Mani Tripathi.
Title: Chen-Ricci Inequalities for curvature like tensors and their applications.

D. Algorithmics and Graph Theory

Convener: Dr. Manish P. Kurhekar, Deptt. of Computer Science and Engineering, V.N.I.T, Nagpur.

Speakers:

- (i) Dr. Bharat Adsul, IIT Bombay, Mumbai.
- (ii) Dr. Meghana Nasre, IIT Madras, Chennai.
- (iii) Dr. Vinayak D. Pandit, IBM India Research Laboratory, Bengluru.

E. Cryptography and Security**Convener: Ravindra B. Keskar, Deptt. of Computer Science and Engineering, V.N.I.T, Nagpur.****Speakers:**

- (i) Dr. G.S. Tomar, Director, Machine Intelligence Research Lab, Gwalior.
- (ii) Dr. Chester Rebeiro, IIT Madras, Chennai.
- (iii) Mr. Ankur Panchbudhe, Co-founder and CTO of Vaultize, Pune.

F. Relativity**Convener: Dr. G. P. Singh, Department of Mathematics, VNIT, Nagpur.****Speakers:**

- (i) Dr. Subenoy Chakraborty, Jadavpur University, Kolkata.
- (ii) Dr. Ram Gopal Vishwakarma, Unidad Acadmica de Matemticas. Universidad Autnoma de Zacatecas C.P. 98068, Zacatecas, ZAC Mxico.
- (iii) Dr. R. V. Saraykar, RTM NagpurUniversity, Nagpur.
- (iv) Dr. Anirudh Pradhan , GLA University, Mathura, Uttar Pradesh.
- (v) Dr. Raghavendra Chaubey, DSTCIMS, BHU, Varanasi.

6. Panel Discussion:

There will be a panel discussion on the topic “Choice Based Credit System ” with the following panelists:

- 1. Prof. S. S. Khare, Ex Pro Vice Chancellor, North Eastern Hill University, Shillong.
- 2. Prof. S. B. Nimse, Vice Chancellor, Lucknow University.
- 3. Prof. N. K. Thakare, Ex Vice Chancellor, North Maharashtra University, Jalgaon .
- 4. Prof. Satya Deo, Ex Vice Chancellor, Rani Durgavati Vishwavidyalaya, Jabalpur and Awadhesh Pratap Singh University, Rewa.
- 5. Prof. H. P. Dikshit, Ex Vice Chancellor, Indira Gandhi National Open University (IGNOU).
- 6. Prof. V. P. Saxena, Ex Vice Chancellor, Jiwaji university, Gwalior.

NEWS AND ANNOUNCEMENTS*** Guidelines for acceptance of Donations to the Society**

- 1. There will not be any further institution of Memorial Award Lectures. (This point was discussed in the earlier meetings of the Council and such was the consensus).

2. The donation amount will not be less than Rupees Five Lakh. (There could be an upward revision of this amount from time to time).
3. The donor may be an individual or a trust or a group of individuals.
4. The Indian Mathematical Society will solely and independently own the amount donated to it.
5. A prospective donor should approach the General Secretary of the Indian Mathematical Society with a Offer. Keeping with the spirit of this Policy Guide lines and if so felt necessary, referring to the Council whether the proposal be negotiated or not, in his wisdom, the General Secretary will negotiate the terms and conditions for each donation proposal and will put it before the Council for its consideration and approval. The Council will deliberate on the proposal, and after modifications, if any, may accept the proposal through a special resolution with specific details mentioning the terms and conditions. This will be published in the IMS News Letter after the Donor agrees to the resolution of the Council.
6. Ordinarily during every Annual Conference of the Society there are several Invited Lectures and Symposia running in parallel sessions. One of these academic programmes may be permanently marked / identified as “so and so sponsored programme in the (fond) memory of ” or “so and so sponsored programme in the honour of ” as per the wish of each donor by the Council. This programme may be arranged in a parallel session during the Conference.
7. Each year, the Council through its Academic Planning Committee (APC) will be the final authority in this regard to finalize the name of a speaker of an invited talk or the names of the symposia speakers for this sponsored programme. The modus operandi for identifying the speaker(s) may be decided by the Council. The invited speaker(s) will be the guest of the host institution. In case of an honorarium, if any, to the invited speaker, the amount of the honorarium will not exceed the honorarium amount for the existing Memorial Award Lectures.
8. Ordinarily train travel to the extent of AC-2 Tier be reimbursed. However, in special cases the domestic air travel may be considered.
9. Not withstanding the above
 - (A). An offer of a donation with a stipulated purpose (not as part of the corpus), may be accepted by the Council on its merit.
 - (B). An offer of a donation of any amount in general, without any stipulated conditions, may be accepted by the Council on its merit as a part of the General Purpose Corpus.

The Council reserves its right whether or not a particular donation be accepted.

*** Green initiative taken by the Society - A fervent appeal to all members of the Society**

As a part of the “Green Initiative” taken by the Society (for further details, refer Society’s website www.indianmathsociety.org.in), the Council of the Society has decided to send on line the soft copy of The Mathematics Student / give on line access to The Mathematics Student to all the Life members instead of supplying the hard copy. For this purpose, all the members of the Society are requested to register their e-mail address on line, along with Name and the Unique Membership Number therein, to J. R. Patadia on imgoesgreen@gmail.com or msindianmathsociety@gmail.com so that further necessary action can be taken.

*** P. L. Bhatnagar Prize for 2015 to Indian Team at 56th International Mathematical Olympiad (IMO)**

The 56th International Mathematical Olympiad (IMO) was held during July 4-16, 2015 at Chiang Mai, Thailand. The Indian team bagged 1 silver, 2 bronze medals and secured the 37th position. A six member team of students picked up from across the country schools was sponsored by the Homi Bhabha Centre for Science Education (HBCSE), an Institution under the Tata Institute of Fundamental Research (TIFR). A total of 577 students from 101 countries participated in the prestigious world event.

Jeet Mohapatra (Odisha) won the silver medal whereas Shourya Pandey from Mumbai and Pranjali Warade from Nagpur won bronze medal.

Jeet Mohapatra (Odisha) was the top scorer at IMO from the Indian team. He will be awarded the P. L. Bhatnagar Memorial Prize of the Indian Mathematical Society for the year 2015. The prize carries a cash of Rs. 1000/- and a certificate. The Prize will be awarded to him in the Inaugural Session of the ensuing 81st Annual Conference of the Society on December 27, 2015 at the VNIT, Nagpur (Maharashtra).

*** The List of Life Members of the IMS is displayed on the website of the Society**

The Complete List of the Life Members of the Society is available on the IMS website along with their Membership Numbers. Members whose mails have been returned undelivered are marked accordingly with a note in red along with their names on the IMS website.

Society looks forward to their correct addresses.

Members are requested to quote their membership number while communicating change

of addresses, etc.

Any change or modification in the address and an e-mail id may please be communicated to the Treasurer, IMS, Prof. S. K. Nimbhorkar (if electronically, then on sknimbhorkar@gmail.com).

*** Indian Science Congress Association (ISCA)- Annual Sessions**

Dr. S. B. Nimse, Vice Chancellor of Lucknow University (U. P.) and Council member of IMS, presided over the 102nd Session of the Indian Science Congress Association that was held at the Mumbai University, Mumbai during January 3-7, 2015.

The 103rd Session of the Indian Science Congress Association will be held at the University of Mysore, Mysore during January 3-7, 2016. The Focal Theme of the Session will be “Science and Technology for Indigenous Development in India”. Dr. Ashok Kumar Saxena, Former Dean, Faculty of Science, C.S.J.M.University, Kanpur, is the General President.

Dr. Snehashish Chakraverty, National Institute of Technology, Rourkela is the Sectional President for the section of Mathematical Sciences (including Statistics).

*** ISCA Young Scientist Awardee and Best Poster Awardee for Mathematical Sciences (including Statistics) for the Year 2014-15**

Namita, University of Delhi, Delhi is the ISCA Young Scientist Awardee for the year 2014-15 for the Mathematical Sciences (including Statistics).

Garima Manocha, New Delhi and D.K.K. Vamsi, Prasanthinilayam are the Best Poster Awardee for the year 2014-15 in the Mathematical Sciences.

The IMS congratulates these distinguished young researchers and wishes them the best in their pursuit of excellence.

***A. K. Agarwal Award for Best Publication**

The Indian Mathematical Society (IMS) has set A. K. Agarwal Award for best research paper published (in any Journal) in the areas of Number Theory, Combinatorics, Discrete Mathematics, Analysis and Algebra. The corpus fund for this award has been made available to the Indian Mathematical Society (IMS) by Prof. A. K. Agarwal, Center for Advanced study in Mathematics, Punjab University, Chandigarh (India). The award consists of a citation and a cash prize of Rs. 10,000 /- (Rs. Ten Thousand) and will be given in the inaugural function of the Annual conference of the Indian

Mathematical Society. The award is planned to be given every year.

Terms and Conditions for the Award: The paper should be in single authorship. In exceptional cases, the paper by two authors could be considered. In this event the prize amount will be equally divided. The upper age limit is 45 years on 31st December of the year of the award and the author(s) should be Indian citizen/s. In case of two authors both must be below 45 years. The concerned journal must be an internationally refereed journal. More weightage could be given to well established journals. The author/s must have carried out the said research work in an Indian University / institution / college and the paper must have mention of the said Indian University / institution / college as affiliation. If there is no good quality paper in a particular year then the award need not be given in that year.

The IMS seeks applications / nominations for the award to be given for the year 2015. One may refer to the website of the IMS: www.indianmathsociety.org.in.

*** A. M. Mathai Award for Best Publication in Applicable Mathematics**

The Indian Mathematical Society (IMS) has set A. M. Mathai award for best research paper published in the area of mathematics which has some applications in other fields such as Physical Sciences, Engineering Sciences, Biological and Medical Sciences, Social Sciences, Probability and Statistics. The corpus fund for this award (Rs. 5 lakh) is made available to the Indian Mathematical Society (IMS) by Prof. A. M. Mathai, Director, Center for Mathematical and Statistical Sciences, Peechi, Kerala and Emeritus Professor, MacGill University, Canada. The award consists of a certificate, to and fro travel (A. C. II tier Train fare) to the venue of the annual meeting and a cash prize of Rs 30,000/- (Rs. Thirty Thousand).

Terms and Conditions for the Award: The paper must be a single-author paper. The age limit for the contestant must be 35 years or less by that years annual meeting date. The paper or its content should not have been considered for any other local, national, international award of any kind unsuccessfully or successfully at any time.

The paper can be in the category of published /accepted for publication in that year. More weight should be given for papers in well-established journals. Papers on the fusion of the topic under consideration with any other topic in mathematics, physical sciences, engineering sciences, biological/medical sciences should be given more weight compared to papers in a single topic in the area of the paper. Papers on routine generalizations, computations of formulae without proper analysis etc should not be considered for the award. The author should be associated with any university/college/institution in India when the work was done and the paper contains the name of that institution as affiliation when the paper was sent for publication.

If there is no good paper in a particular year then this award need not be given in that year. The award should not be given for the sake of giving an award in that year.

* * *

Prepared and issued by Prof. N. K. Thakare, General Secretary, Indian Mathematical Society with active co-operation of Prof. M. M. Shikare, Administrative Secretary, Indian Mathematical Society.

Date : August 27, 2015

INDIAN MATHEMATICAL SOCIETY

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