



# CENTRE FOR MATHEMATICAL SCIENCES

SOUTH, PALA AND HILL AREA CAMPUSES

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A

RESEARCH CENTRE IN MATHEMATICAL SCIENCES

OF

MAHATMA GANDHI UNIVERSITY, KERALA, INDIA

**Chairman**

Dr. A. Sukumaran Nair, M.A; M.Sc; Ph.D

**Director**

Dr. A.M. Mathai, M.A; M.Sc; Ph.D,  
F.N. A. Sc; F.I.M.S.

**Coordinator, South Campus**

Dr. K.S.S. Nambooripad, M.Sc; Ph.D

**Coordinator, Pala Campus**

Dr. K. K. Jose, M.Sc; Ph.D

**Coordinator, Hill Area Campus**

Dr. K.A. Germina, M.Sc; Ph.D

## FACULTY/RESEARCH GUIDES AT CMS

**Dr. A. Sukumaran Nair** (Mathematics Education, regular, not salaried, guiding research)

**Dr. A.M. Mathai** (Statistics, Special Functions, Fractional Calculus, Astrophysics, Information Theory, Geometrical Probabilities, Matrix-variate functions, etc, regular, not salaried, guiding research)

**Dr. R.K. Saxena** (Jodhpur, India, Life Member of CMS, Complex Analysis, Fractional Calculus, Integral Transform, regular, not salaried from CMS, guiding research at CMS)

**Dr. Hans J. Haubold** (Outer Space Division, United Nations, Life Member of CMS, not salaried from CMS, Astrophysics, guiding research at CMS)

**Dr. K.S.S. Nambooripad** (Algebra, Semigroups, regular, not salaried, guiding research)

**Dr. K.K. Jose** (Stochastic Processes, Statistics, Research Associate, Head, Department of Statistics, St. Thomas College Palai, not salaried from CMS, guiding research at CMS)

**Dr. R. Natarajan** (Reader, formerly of Lakehead University, Canada, Discrete Mathematics; regular, salaried, guiding research at CMS)

**Dr. Antony Vijesh** (Assistant Professor, from IIT, Chennai, Applied Nonlinear Functional Analysis, regular, salaried)

**Dr. Sachindranath Jayaraman** (Assistant Professor, from IIT, Chennai, Linear Algebra, regular, salaried)

**Dr. Anil Kumar** (Applied Mathematics, Research Associate, not salaried from CMS, guiding research)

**Dr. K.A. Germina** (Graph Theory, Adjunct Professor, not salaried from CMS, guiding research)

**Dr. Sebastian George** (Statistics, Research Associate, not salaried from CMS, guiding research)

**Dr. Sunil Mathew** (Fuzzy Topology, Research Associate, not salaried from CMS, guiding research at CMS)

**Dr. Vincent Mathew** (Theoretical Physics, Research Associate, not salaried from CMS, guiding research at CMS)

### Invitation:

Faculty, students, research workers and general public are invited to visit CMS Pala Campus and make use of the facilities - a good library, portrait collection of over 300 world mathematicians, books giving brief biographies of over 300 world mathematicians, mathematical sciences press (good printing facility) and general international level research atmosphere, and interact with the research workers and faculty at CMS.

## Other staff at CMS Pala Campus (Regular salaried positions)

**Vishnudas, V**   **Soby Haridas**   **Sini Devassy**   **Abhilash, R & Sanoj Joy**  
Liaison Officer   Research Assistant   Research Assistant   Technical Assistants

## PROGRAMS

**Regular research** (publications in international and national research journals), **Publications Series** (Mathematical Sciences Press at CMS Pala Campus; one to two books per year), **Research orientation courses** (several per year), DST sponsored **SERC Schools** (one five weeks school per year), **Undergraduate Mathematics Camps** (10-day camps, 4 times a year), **International Visitors** (5 to 6 per year), Distinguished **National Visitors** (5 to 6 per year), other **faculty and student visitors** from other campuses in India.

### Research fellows at CMS Pala Campus (publications listed as of 15 January 2008)

1. **Ms Shanoja S. Pai** (DST, SRF, Stochastic Processes, best paper award at a national conference held at Pala. Guide: Dr. K.K. Jose).
2. **Miss Anjaly Jose** (DST, JRF, Fuzzy Topology, one paper published, one submitted to an international journal. Guide: Dr. Sunil C. Mathew).
3. **Miss Gishamol Mathew** (DST, JRF, on leave, Physics, one paper published. Guide: Dr. Vincent Mathew).
4. **Mr. Bibin K. Jose** (DST, JRF, gone to Hill Area Campus, Graph Theory, one paper accepted in an international journal. Guide: Dr. K. A. Germina).
5. **Mr. Dilip Kumar** (DST, JRF, Reaction Rate Theory, best paper award in a national conference held at Jodhpur, India; one paper accepted in an international journal, one conference proceeding, and one more submitted. Guide: Dr. Hans J. Haubold/Dr.A.M.Mathai).
6. **Miss Seema S. Nair** (DST, JRF, Fractional Calculus, one paper published, one accepted in an international journal and one submitted to an international journal. Guide: Dr. R.K.Saxena/Dr.A.M.Mathai)
7. **Miss Anitha Kattuveltil** (DST, JRF, Mittag-Leffler functions and Dirichlet averages, one paper published and one accepted in an international journal. Guide: Dr. R.K. Saxena/Dr.A.M.Mathai).
8. **Miss Dhannya P. Joseph** (DST, JRF, Applications of Differential Equations (reaction rate theory), one paper submitted to an international journal. Guide: Dr. Hans J. Haubold/Dr. Sebastian George).
9. **Miss Nicy Sebastian** (DST, JRF, Generalized Operators. Guide: Dr. Sebastian George).
10. **Miss Manu Marian Thomas** (DST, JRF, Stochastic Processes. Guide: Dr. K.K. Jose).
11. **Miss Sonia K. Thomas** (Dr. M.N. Murthy Research Fellow, Fuzzy Sets. Guide: Dr. Sunil C. Mathew).
12. **Miss Shalitha Jacob** (Dr. M.N. Murthy Fellow, starting, no topic, no guide yet).
13. **Miss Mayamol, E.V.** (Dr. M. N. Murthy Fellow, starting, no topic, no guide yet).
14. **Miss Anumol, M** (Dr. M.N. Murthy Fellow, starting, no topic, no guide yet).

## Positions open

One Full Professor, several JRFs; apply on plain paper, no fees, no closing date, periodic selection meetings. For participation in CMS programs apply on plain paper, no fees.



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