

STAFF, NEWS & UPDATES

CSIR Centre for Mathematical Modelling and Computer Simulation (CSIR CMMACS) was set up in 1988 with the mandate to develop expertise, excellence and facilities for undertaking major mathematical modelling and simulation problems in identified areas primarily of relevance to CSIR. CSIR C-MMACS was repositioned in 2013 as CSIR-Fourth Paradigm Institute (CSIR-4PI) to provide the country a unique positioning in the domain of computational and data intensive research powered by high performance computing and informatics research. One of the smallest of CSIR laboratories, CSIR-4PI today is a young and vibrant institution of research.

Objectives:

- *To develop capability for addressing critical issues of scientific significance and social benefit.*
- *To enhance the scope and strength of mathematical modeling through development of new techniques/algorithms etc.*
- *To train and develop high-quality man-power in the area of Mathematical Modeling and Computer Simulation.*

Inside

- *Staff list*
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- *Services on External Committees/Membership of Professional Bodies*
- *Deputations*

Staff list

Head

Shyam Chetty

Honorary Emeritus Scientist

Gaur V K

Yajnik K S

Distinguished Scientist

Ehrlich Desa

Prakash V

Scientist

Anil Earnest

Anilkumar V

Ashapura Marndi

Ashish

Chiranjeevi Vivek

Goswami P

Gouda K C

Gyanendranath Mohapatra

Himesh S

Indira N K

Kantha Rao Bhimala

Krishna Mohan T R

Parvez I A

Patra G K

Pavithra N.R

Rajendran K

Ramamohan T R

Rakesh V

Ramesh K V

Rameshan K

Sajani Surendran

Senthilkumar V

Sharada M K

Sridevi Jade

Swathi P S

Tejpal Singh

Thangavelu R P

Vijayan M S M

Project Monitoring and Evaluation

Sharada M K (additional charge)

Suchanda Ray (additional charge)

Technical Officer

Prabhu

Suchanda Ray

Stores & Purchase

Nandeesh M J

Administration

Anilkumar Angadi

Neethu S Induchodan

Raman P K

Sathyanarayana K

Technical Staff

Chandrashekara Bhat

Dileep Kumar P

Sita S

Stella Margaret A

Veeresh

DST Women Scientist

Chikka Kalyani Devasena

Quick Hire Fellow

Tavpritesh Sethi

Research Associate

Jurismita Baruah

Mohammad Mafooz

Prakash Barman

SRF/JRF

Arya V B

Farrukh Altaf

Ipsita Putatunda

Jayasankar C B

Shafeer K B

Shaktidhar Nahak

Silpa K

Stella Jes Varghese

Sumana Sarkar

Sunil Kumar T C

Sushant Shekhar

Project Fellow/ Senior Project Fellow

Addala Koti Dharma Teja

Ajilesh P

Akash Choudhury

Alfred Johny

Amritha Babu

Athira U Nambeesan

Boddapati Anil

Chilukuri Anusha

Chinmaya Mohini

Donupudi Suribabu

Ganesan P

Gourab Maiti

Haseeb Rehman

Kambala Ganga Bhavani
Kirthi Sagar V
Kokkiligadda Swathi
Lavanya S
Murthy DHR
Nagaraju G
Nagaraj Naik
Natesh S
Navi Thejesh
Neethu C
Nirmala J Nair
Nunna Bala Ankaiah
Parthasarathi Barik
Payoshini Samantray
Prajith KC
Prashant Meti
Praveen S
Rakesh Teja Konduru
Rammes Raja Mir
Renu Goyal

Reshma Bhat
Sambit Kumar Panda
Sanjeeb Kumar Sahoo
Shelva Srinivasan
Smruthishree Lenka
Srinivatsav K
Sudeep Nesakumar
Sundara Deepthi
Sunil Babu

Project Assistant

Suganya R
Sofia Evelin
Sarath Kumar

Graduate Trainee

Jayalakshmi D C

Awards/Honours/Recognition

Anil Kumar V, Fellowship from Internet Society (ISOC) to be part of the 95th IETF (Internet Engineering Task Force) Standardization Meeting at Buenos Aires, Argentina

Goswami P, appointed as Director, NISTADS

Rajendran K, Appointed as Associate Editor, Journal of Earth System Sciences, Indian Academy of Science

Sridevi Jade, chief guest for National conference on Mathematical Modelling and paradigm shift in science at GITAM university, Bangalore on the occasion of Ramanujam birthday which is observed as National Mathematics Day.

Vijayan M S M

Chief guest, Festophys'16, 18 February 2016, Department of Physics, Gandhigram Rural University, Gandhigram, Tamilnadu.

Chief Guest, Blossom16 - Annual Day, 17 March 2016, FirstStep Public School CBSE, Kanavaipatti, Tamilnadu

Ph D awarded

Sushant Shekhar, AcSIR

Prakash Burman, Tezpur Univeristy

Kutubuddin Ansari, IIT Bombay

Mohapatra G N, Berhampur University

Senthilkumar V, IIT Kharagpur

Services on External Committees/Membership of Professional Bodies

Anil Earnest

Member, American Geophysical Union (AGU)
Member, Society of Exploration Geophysicists (SEG)
Member, Society of Earth Scientists (SES), India
Associate Member, International GNSS Service (IGS)
Member, Asia Oceania Geosciences Society (AOGS)

Anil Kumar V

Life Member, Computer Society of India
Member, Internet Society (ISOC)
Member, Cyber Security and IT Policy Committee National Aerospace Laboratories, Bangalore
Member, Technical Programme Committee, International Conference on Electronics Computing and Communication Technologies (IEEE CONECCT-2015)
Member, Program Committee, National Conference on Parallel Computing Technologies, PARCOMPTECH, 2015
Member, M Tech Thesis Evaluation Committee, Center for Cyber Security, Amrita Vishwa Vidyapeetham, Coimbatore
Member, Selection Committee, C-DAC, Bangalore
Member, Assessment Committee, C-DAC, Bangalore
Nodal Officer, National Knowledge Network

Goswami P

Member, General Body, KSNDMC
Member, Research Council, CSIR IMMT
Member, Executive Council, KSNDMC
Member, DST Programme Advisory Committee-Atmospheric Science
Member, National Expert Committee, ICZM Project (West Bengal), World Bank
Chairman, IMD Committee on Fog Forecasting
Member, MoES Advisory Committee on Monsoon Forecasting
Member, National Advisory Committee (NAC) of Intromet-2013

GoudaK C

Life Member, Indian Meteorological Society
Ex-officio Member, MoES Committee for Long Range Forecast of Monsoon
Member, Advisory Board, Dept. of CSE, Dayananda Sagar college of Engineering, Bangalore.
Member, Board of Studies, Dept. of MCA, Dayananda Sagar University, Bangalore
Member, Board of Studies, School of Computer Science, Jain University, Bangalore
Member, M.Tech. Thesis Evaluation Committee, VTU.
Member, Doctoral Committee, VTU.
Member, Technical Committee, International Conference on Information Science & Technology for Sustainability & Innovation" (ICISTSI' 2015), Jain University, Bangalore, 22-23 May, 2015.
Member, National Advisory Committee, National Conference on Geospatial Information and Technology Advancement (GITA-2K15), Bantakal, 16-17 October, 2015

Himesh S

Life Member, Institution of Engineers, India
Life Member, Indian Society for Technical Education
Life Member, Indian Association for Environmental Management
Life Member, Indian Meteorological Society

Indira N K

Member, Advisory Board, Dept. of Mathematics, Dayananda Sagar college of Engineering, Bangalore.

Member, Board of studies, Dayananda Sagar University, Bangalore

Member, Working group for greenhouse gases. Aerosol and greenhouse gas monitoring research, Ministry of Earth Sciences, Govt. of India.

Parvez I A

Coordinator, AcSIR, C-MMACS

PhD Examiner, Indian School of Mines, Dhanbad.

Member, Advisory Committee, Reviewing Committee of Scientific Projects at National Institute of Rock Mechanics (NIRM), Kolar

Member, Hindi Technical Advisory Committee (HTAC) of NAL.

Member, Technical Expert Committee of Karnataka State Natural Disaster Monitoring Centre (KSNDMC), Department of Science and Technology, Government of Karnataka.

Life Member: Indian Society of Earthquake Technology

Life Member: Indian Society of Earthquake Science

Patra G K

Life Member, Computer Society of India

Life Member, Indian Meteorological Society

Life Member, Cryptology Research Society of India

Life Member, Orissa Information Technology Society

Life Member, Advanced Computing and Communication Society

Life Member, International Association of Engineers

Member, Advisory Committee for 1st International Conference on Computer, Electrical and Modelling Systems

Member, Advisory Board of School of Computer Science and Engineering, Vellore Institute of Technology

Member, Board of Studies, Mathematics Department, Mount Carmel College, Bangalore

Member, Board of Studies of Department of Mathematics, Government Science College, Bangalore

Member, Doctoral Evaluation Committee, Anna University, Chennai

Member, Empowered Technical Committee for Centre for Modelling, Simulation and Design, University of Hyderabad.

Rajendran K

Member, Working Group on Climate Change, Kerala State Planning Commission, Government of Kerala.

Member, Board of Studies in Atmospheric Sciences, Cochin University of Science & Technology, Cochin, India, (2011-2014).

Life Member, Indian Meteorological Society

Rakesh V

Life Member, Indian Meteorological Society

Joint Secretary, Indian Meteorological Society, Bangalore Chapter

Sajani Surendran

Member, Working Group III, National Carbonaceous Aerosol Project, Ministry of Environment and Forests.

Life Member, Indian Meteorological Society

Senthilkumar V

Advisory Board, Fundamentals and Trends in Additive Manufacturing, Training Program on Additive Manufacturing, March 2016

Editorial Board Member in Journal of Modelling and Simulation in Design and Manufacturing (JMSDM)

Life Member, Indian Association for Computational Mechanics (IndACM)

Life Member, Indian society for Advancement of materials and Processing Engineering (ISAMPE)

Member, International Association of Engineers

Member, IAENG Society of Industrial Engineering

Member, IAENG Society of Mechanical Engineering

Sharada M K

Member, Advisory Committee, Faculty Development Program, MSRIT, Bengaluru

Sridevi Jade

Life Member, Indian Geotechnical Society

Member, International Society of Soil Mechanics and Foundation Engineering

Founder Life Member, Indian Society of Rock Mechanics and Tunneling Technology

Member, International GNSS Service (IGS)

Expert Member, Research Advisory Council (RAC), member of Wadia Institute of Himalayan Geology.

Expert member, Technical Advisory Committee, Government of Karnataka

Member, Information Sciences cluster 12th FYP Work Group/Task Force

Member, Doctoral Committee, Tezpur University

Swathi P S

Member, Purchase Committee, NAL

Member, Assessment Committee, NIO

Member, Assessment Committee, NAL

Thangavelu R P

Life Member, Computer Society of India

Life Member, Cryptology Research Society of India

Deputations

Chiranjeevi Vivek.G

Visited Astronomical Institute of the University of Bern, Bern, Switzerland, 25 – 29 January, 2016

Goswami P

Visited Colorado, USA to participate and deliver a plenary lecture at the 3rd International Conference in Energy and Meteorology 2015, 23-26 June 2015

Parvez I A

Visited NORSAR, Norway under Indo-Norwegian project, 23 August – 5 Sept, 2015.

Visited Earth Observatory of Singapore, Nanyang Technological University in Singapore, 11-14 November, 2015.

Visited the Institute of Earthquake Prediction Theory and Mathematical Geophysics, Russian Academy of Sciences 84/32 Profsoyuznaya Street, 117997 Moscow, Russia, 16-29 November, 2015.

Swathi P S

Visited Princeton University, USA – Modelling a living planet, A symposium celebrating the research of Prof. J. L. Sarmiento, 14-15 March, 2016

Rajendran K

Visit on invitation to Imperial College and LSE, London, 7-12 July 2015.

Ramees Raja Mir, SPF

Attended the International Training Course on Seismology, Seismic Data Analysis, Hazard Assessment and Risk Mitigation at the German Research Centre for Geosciences, Potsdam, Germany, 10 August – 4 Sept, 2015

Tavpritesh Sethi, QHF

Attended the Big Data in Biomedicine Conference, Stanford, USA, 20-22 May 2015