

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 CMMACS 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.

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CSIR-4PI Staff List

Head

Vidyadhar Y Mudkavi

Honorary Emeritus Scientist

Gaur V K
Dutt H N V
Indira N K
Ravichandran K S
Sinha U N
Srinivas Bhogle
Swathi P S
Yajnik K S

Scientist

Anil Earnest
Anil Kumar V
Ashapura Marndi
Ashish
Chiranjeevi Vivek
Gouda K C
Gyanendranath Mohapatra
Himesh S
Kantha Rao Bhimala
Parvez I A
Patra G K
Pavithra N R
Rajendran K
Rakesh V
Ramesh K V
Rameshan K
Sajani Surendran
Senthilkumar V
Sharada M K
Sridevi Jade
Thangavelu R P
Vijayan M S M

Project Monitoring and Evaluation

Sharada M K (additional charge)
Suchanda Ray

Technical Officer

Prabhu
Suchanda Ray

Technical Staff

Chandrashekara Bhat

Dileep Kumar P
Sita S
Stella Margaret A
Veeresh

Administration

Anilkumar Angadi
Balakrishna K R
Sathyanarayana K

Stores & Purchase

Mary Suneetha William

DST Women Scientist

Chikka Kalyani Devasena

SRF/JRF

Ajay Vijay Bankar
Arya V B
Bandesh
Dhananjay Kumar C
Iraganeni Rajasekhar Reddy
Jayasankar C B
Jayashree S
Kanike Raghavendra Prasad Babu
Kiran Kumar V
Shimna K
Silpa K
Smrati Purwar
Stella Jes Varghese

Project Assistants

Ajay Anand K V
Anjali Thomas
Ankit
Chaithra S T
Dilip Babu Loganathan
Payoshini Samantray
Pradeep Kumar Jha
Praveen S
Sanjeeb Kumar Sahoo
Shruti S
Shyamasundar
Sunena Rose
Suraj Ravindran
Vishal Gupta S

Awards/Honours/Recognition

Honours/Recognition

Anil Kumar V

Received Indian Internet Research and Engineering Forum (IIREF) Fellowship for participation in the Internet Engineering Task Force (IETF) meeting at Prague, Czech Republic.

Gouda K C

Awarded with CSIR Raman Research Fellowship

Silpa K won the best student poster award, felicitation and cash prize, SCOR-InterRidge Workshop Mid ocean ridges and other geological features

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)
Member, Seismological Society of America (SSA)

Anil Kumar V

Invited Member, Advisory Committee for Society for Electronics Transaction and Security (SETS) Chennai.
Member, Project Review and Steering Group (PRSG), Ministry of Electronics and Information Technology (MeitY), Government of India.
Mentor, Network Protocol Analysis Group, C R Rao Advanced Institute for Mathematics, Statistics and Computer Science (AIMSCS), Hyderabad.
Member, Technical Expert Group for IT Infrastructure Procurement and Implementation, Kidwai Memorial Institute of Oncology, Bangalore.
Member, Expert Committee for Supercomputing Facility for Cryptanalysis at CR Rao Advanced Institute of Mathematics, Statistics and Computer Science
Member, Internet Society (ISOC)
Member, Program Committee, National Conference on Parallel Computing Technologies, PARCOMPTECH- 2017
Life Member, Computer Society of India
Member Assessment Committee, CSIR-NAL
Member Assessment Committee, CSIR-NIO, Goa
Member, Selection committee C-DAC, Bangalore
Member, Thesis Evaluation Committee, Center for Cyber Security, Amrita VishwaVidyapeetham, Coimbatore.
Member, Assessment Committee, C-DAC, Bangalore
Nodal Officer, CSIR wide private IP scheme implementation
Nodal Officer, National Knowledge Network

Himesh S

Life Member, Indian Meteorological Society
Life Member, IAEM
Life Member, Institution of Engineers
Member, ACSIR DAC Committees

Gouda K C

Life Member, Indian Meteorological Society
Life Member, Indian Society of Remote sensing
Member, High-Weather Project of World Meteorological Organization
Executive member, India Meteorological Society, Bangalore Chapter
Member, Indo-Africa group on Research on Vector Borne Disease
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, Belagavi
Member, Doctoral Committee, VTU, Belgavi
Member, Doctoral Committee, Jain University
Member, Project review committee (PRC), DSIR-PRISM
Member, CSIR 4PI Grievance committee
Coordinator, Healthcare theme of CSIR at CSIR 4PI

Indira N K

Member, Board of studies, Dayananda Sagar University, Bangalore

Parvez I A

PhD Examiner, Indian School of Mines, Dhanbad, Indian Institute of Technology, Kanpur.
Member, Advisory Committee, Reviewing Committee of Scientific Projects, 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

Associate Dean, Mathematical & Information Sciences of AcSIR
Member, Senate of Academy of Scientific and Innovative Research
Member, Empowered Technical Committee, Centre for Modelling Simulation and Design, University of Hyderabad
Member, Industrial Advisory Board, School of Computer Science and Engineering, Vellore Institute of Technology.
Member, Selection Committee, National Centre for Disease Informatics and Research, Indian Council of Medical Research.
Member, Technical Expert Group for IT Infrastructure Procurement and Implementation, Kidwai Memorial Institute of Oncology, Bangalore.
Member, Board of Studies, Government Science College, Bangalore.
Member Assessment Committee, for Technical Officers (IT) at CSIR Head Quarter
Member Assessment Committee, CSIR-NAL

Member, Technical Committee, International Conference on Intelligent Computing 2018 (ICIC 2018)

Member, Advisory Committee, International Conference on Multimedia Processing, Communication and Information Technology – MPCIT 2018

Rajendran K

Associate Editor, Journal of Earth System Sciences, Indian Academy of Science

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

Member, Board of Studies in Atmospheric Sciences, Cochin University of Science & Technology, Cochin, Kerala.

Member, Scientific and Academic Council, Institute for Climate Change Studies, Department of Environment, Govt. of Kerala.

Executive Council Member, Indian Meteorological Society

Life Member, Indian Meteorological Society

Rakesh V

Life Member, Indian Meteorological Society

Member, AcSIR Academic Committee

Member, AcSIR DAC Committees

Coordinator, Agriculture theme of CSIR at CSIR 4PI

Sajani Surendran

Life Member, Indian Meteorological Society

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

Senthilkumar V

Nodal Scientist, CSIR 4PI, Micro Small & Medium Enterprises (MSME)

Nodal Scientist, CSIR 4PI, of CSIR Theme, Mining, Minerals and Materials (4M)

Associate Professor, Academy of Scientific and Innovative Research (AcSIR)

Life Member, Indian Association of Computational Mechanics (IndACM)

Life Member, Indian Society for Advancement of Materials and Processing Engineering (ISAMPE)

Associate Member, Institute of Nanotechnology, UK

Sridevi Jade

Life Member, Indian Geotechnical Society

Life member, Indian Geological Congress

Member, Indian Science Congress

Member, International Society of Soil Mechanics and Foundation Engineering

Founder Life Member, Indian Society of rock mechanics and tunneling technology

Associate Member, International GNSS Service (IGS)

Thangavelu R P

Life Member, Computer Society of India

Life Member, Cryptology Research Society of India

Member, Cloud Computing Innovation Council of India

Member, Expert Group on Infrastructure, National Supercomputing Mission, Govt. of India

Member, Executive Committee, Karnataka State Natural Disaster Monitoring Centre, Bangalore

Member, Technical Expert Group for IT Infrastructure Procurement and Implementation, Kidwai Memorial Institute of Oncology, Bangalore
Member, Technical Evaluation Committee for procurement of Supercomputers under NSM, Indian Institute of Science, Bangalore
Member, Technical Evaluation Committee for procurement of HPC system for Indian Institute of Technology, Dharwad
Member, Technical Evaluation Committee for procurement of HPC system for Gas Turbine Research Establishment, Bangalore
Member, Technical Expert Committee for procurement of HPC cluster, Aeronautical Development Agency, Bangalore
Member, Technical Evaluation Committee for Augmentation and upgradation of the shore station facility in Ocean Observation Systems, National Institute of Ocean Technology, Chennai
Member, Selection Committee, Karnataka State Natural Disaster Monitoring Centre, Bangalore
Member, Assessment Board, Ministry of Earth Science, Gol

Vidyadhar Y Mudkavi

Member, Executive Board, National Supercomputing Mission (NSM).
Chairman, Technical Evaluation Committee (TEC), Cloud Aerosol Interaction and Precipitation Enhancement Experiment (CAIPEEX), Indian Institute of Tropical Meteorology (IITM), Pune.
Chairman, Technical Advisory Committee (TAC), UAV Development for Atmospheric Measurements, IITM Pune.
Co-Chairman, Interdisciplinary Committee for Tejas Wake Clearance, Aeronautical Development Agency (ADA), Bengaluru.
Secretary, Trust for Advancement of Aerodynamics in India (TAAI), Bengaluru.
Member, National Advisory Committee, CAIPEEX, IITM, Pune.
Member, Technical Advisory Panel (TAP) for various departments of Government of Karnataka.
Member, Expert Committee, eVidhana, Government of Karnataka
Life member, Aeronautical Society of India (AeSI)
Member, Indian Academy for Mathematical Modeling and Simulation (IAMMS)
Member, Computer Society of India
Fellow, The Institution of Engineers (India)

Vijayan M S M

Member, American Geophysical Union (AGU)
Member, European Geophysical Union (EGU)
Associate Member, International GNSS Service (IGS)

Deputations

Anil Kumar V

Deputed for participation in 104th Internet Engineering Task Force (IETF) Meeting, Prague, Czech Republic, 23-29 March 2019

Rajendran K

Invited for formulating collaborative project, Japan Meteorological Business Support Center, Meteorological Research Institute (MRI), Tsukuba, Japan, 7 May- 1 June 2018.

Gouda K C

Deputed to University of Liverpool to work under CSIR Raman Research Fellowship(April 2018-July 2018)

Visited China to deliver talk in the WMO sponsored HIWeather Workshop on increasing the value of weather-related warnings, Chinese Academy of Meteorological Sciences, Beijing, China, 20-22 November 2018

Mudkavi V Y

Visited institutes of Fraunhofer Gesellschaft (FhG) Stuttgart, Germany. To meet the top management researchers, National Centre for Scientific Research (CNRS), Paris. To interact with Director and researchers and visiting research facilities of Pasteur Institute, Paris, Germany & France, 3-8 March 2019

Jayashankar C B, awarded Foreign Travel Grant (full support) by DST, Scenario Forum 2019 (Forum on Scenarios for Climate and Societal Futures), Denver, Colorado, USA, 11-13 March 2019.

Shimna Kannoth, awarded CSIR Foreign Travel Grant (full support) to present her papers in COSPAR2018, Pasadena, California, USA

Promotions

Thangavelu R P: Promoted as Chief Scientist

Sridevi Jade: Promoted as Chief Scientist

Parvez I A: Promoted to Senior Principal Scientist.

Anil Kumar V: Promoted to Senior Principal Scientist.

Rajendran K: Promoted to Senior Principal Scientist

Sajani Surendran: Promoted to Principal Scientist

Anil Earnest: Promoted to Senior Scientist

Mohapatra G N: Promoted to Senior Scientist