



Ramaiah University of Applied Sciences

Research Division

List of Reviewers for SASTech Journal

Mechanical and Civil Engineering Sciences

Sl. No.	Reviewer Name	Area of Expertise
1	Prof. Peter White Emeritus Professor Coventry University, U.K.	<ul style="list-style-type: none">• Heat Transfer• Automotive Cooling Systems• Fluid Mechanics• Air Turbine Design• Renewable Energy Systems
2	Prof. Gurmail Singh Emeritus Visiting Professor, U.K.	<ul style="list-style-type: none">• Automation• Systems Analysis and Business Process Re-Engineering• Manufacturing Management• Computer Simulation of Manufacturing Systems• Quality Management Systems
3	Prof. Leburn Rose Emeritus Visiting Professor, U.K.	<ul style="list-style-type: none">• Engineering and Quality Management• Higher Education Management• Technology and Ethics• Research Methods
4	Prof. B.N. Raghunandan Retd. Professor Department of Aerospace Engineering Indian Institute of Science	<ul style="list-style-type: none">• Aero-Thermochemistry• Propulsion Systems• Combustion• Heat and Mass Transfer• Atomization and Sprays• Energy
5	Prof. Eugene Lai School of Science & Technology Nottingham Trent University, U.K.	<ul style="list-style-type: none">• Project Management• Maintenance Management• Entrepreneurial Leadership

6	<p>Dr. Girija Gopala Rathnam Retd. Scientist National Aerospace Laboratory Bangalore</p>	<ul style="list-style-type: none"> • Multi Sensor Data Fusion and Tracking • Modelling and Parameter Estimation of Dynamical Systems • Fusion for Enhanced Synthetic Vision • Bayesian Networks • Fuzzy Logic
7	<p>Dr. John Philip Professor Homi Bhabha National Institute SO-H, Head, SMARTS & RTS & Metallurgy & Materials Group India Indira Gandhi Centre for Atomic Research Kalpakkam</p>	<ul style="list-style-type: none"> • Nanomaterials • Nanofluids and Ferrofluids • Smart Materials and Sensors • Intermolecular Force Measurements • Optical, Thermal and Rheological Properties of Soft-Matter • Thermal Imaging • Radiography • Computed Tomography
8	<p>Dr. R. Krishnamurthy Scientist G Directorate of Computational Dynamics Defence Research & Development Laboratory (DRDL) Hyderabad</p>	<ul style="list-style-type: none"> • Computational Fluid Dynamics • Numerical Algorithm and Code Development • Aero-Elasticity • Aerodynamics
9	<p>Dr. Vidyadhar Y. Mudkavi Outstanding Scientist and Head CSIR Fourth Paradigm Institute (CSIR4PI) Bangalore</p>	<ul style="list-style-type: none"> • Modelling and Simulation • Atmospheric Flows • Flight • Related Activities • High Performance Computing Initiatives
10	<p>Dr. B.V.S.S.S. Prasad Professor and Head Department of Mechanical Engineering Indian Institute of Technology - Madras, Chennai</p>	<ul style="list-style-type: none"> • Thermo Fluid Dynamics • Turbomachines • Energy Conversion Technologies including Fluidization Technology and CFD

11	Dr. M. S. Ganesha Prasad Professor and Dean (Student Affairs) Head - Department of Mechanical Engineering New Horizon College of Engineering Bangalore	<ul style="list-style-type: none"> • Manufacturing • Passive Cooling Techniques • Friction Stir Welding
12	Dr. M. I. Sakri Professor and Head Department of Automobile Engineering, B.L.D.E.A's College of Engineering and Technology, Bijapur	<ul style="list-style-type: none"> • Vibrations • Machine Design • Measurements and Metrology
13	Dr. M. K. Pradhan Assistant Professor Department of Mechanical Engineering, National Institute of Technology, Bhopal	<ul style="list-style-type: none"> • Conventional and Non-Conventional Manufacturing • Simulation and Optimization of Manufacturing Process • Statistical Modeling • Soft Computing Modeling • Finite Element Modelling CNC and CAD/CAM • Computer Integrated Manufacturing • Hybrid Optimization • Composite and Advanced Materials
14	Dr. Shubha V. Chief Scientist (Sc. G) Retd. National Aerospace Laboratories, Bangalore	<ul style="list-style-type: none"> • Instrumentation (Aviation Meteorological and Thermo-Physical) • Thermophysical Characterisation Techniques • Condensed Matter Physics • High Pressure Science and Technology • Materials Science – Thermoelectric Materials and Devices • Process and Product Technology for Ceramic Materials which can withstand Ultra High Temperatures (>3000°C) for Aerospace and Strategic Sectors

15	Dr. K. Ramachandra Director National Design and Research Forum The Institution of Engineers (India) - Karnataka State Centre, Bangalore	<ul style="list-style-type: none"> • Gas Turbines • Propulsion • UAVs / MAVs • Additive Manufacturing • 3D Printing
16	Dr. Dilipkumar Bhanudasji Axial Compressor Research Propulsion Division CSIR-NAL, NWTC, Bangalore	<ul style="list-style-type: none"> • Turbomachinery • Compressor Stability Management • Instabilities in Aero Compressors • Unsteady Flows/CFD
17	Dr. T. N. Venkatesh Principal Scientist Computational and Theoretical Fluid Dynamics Division, National Aerospace Laboratories Bangalore	<ul style="list-style-type: none"> • Computational Fluid Dynamics • Parallel Computing • Numerical Weather Prediction • Visualization • Aviation Weather
18	Dr. R. Gnanaguru Professor and Head Department of Mechanical Engineering, Narasu's Sarathy Institute of Technology, Salem	<ul style="list-style-type: none"> • Computer Aided Design • Computer Applications • Cryogenics • Robotics
19	Dr. S. V. Rajeeva Professor Department of Civil Engineering SJB Institute of Technology, Bangalore	<ul style="list-style-type: none"> • Structural Concrete Elements • Advanced Concrete Structures • Advanced Steel Structures • Advanced Concrete Technology • Matrix Structural Analysis • Finite Element Analysis • Theory of Plates
20	Dr. B. S. Ajaykumar Professor Department of Mechanical Engineering Bangalore Institute of Technology, Bangalore	<ul style="list-style-type: none"> • Machine Tools • Welding Technology
21	Dr. R.M.V.G.K. Rao Retd. Scientist, National Aerospace Laboratories Bangalore	<ul style="list-style-type: none"> • Composite Materials • Aerospace Engineering and Design

22	Dr. Manjunatha N. Hegde Dean (Academics) and Professor of Civil Engineering Dr. Ambedkar Institute of Technology Bangalore	<ul style="list-style-type: none"> • Structural Dynamics • Earthquake Engineering • Fibre Reinforced Concrete • Damage Assessment of Civil Infrastructures • Life Cycle Energy Cost of Buildings
23	Dr. H. B. Rudresh CEO, Vijaya Metal Finishers	<ul style="list-style-type: none"> • Precast Concrete Elements for Construction • Light Weight Insulating Roof • Designer Concrete
24	Dr. P.R. Bhanu Murthy Professor and Head, Department of Civil Engineering, JNTUA College of Engineering Anantapur	<ul style="list-style-type: none"> • Traffic Engineering • Urban Transportation Planning • Road Safety
25	Dr. Bhairav Thakkar Associate Professor, Head, Department of Civil Engineering Navrachana University, Vadodara	<ul style="list-style-type: none"> • Structural Engineering • Stress Engineering • Finite Element Analysis
26	Dr. Sreepathi L. K. Professor, Department of Mechanical Engineering JNN College of Engineering, Shimoga	<ul style="list-style-type: none"> • Heat Transfer • Non-Conventional Energy Sources • Rain Water Harvesting
27	Dr. Raju Subramanian Head - Calorimetry & Materials Modelling Section Metallurgy & Materials Group Indira Gandhi Centre for Atomic Research Kalpakkam, Tamil Nadu	<ul style="list-style-type: none"> • Metallurgy • Calorimetry • Materials Modelling
28	Dr. N. Balakrishnan Department of Aerospace Engineering and Supercomputer Education and Research Centre Indian Institute of Science	<ul style="list-style-type: none"> • Numerical Electromagnetics • Multi Parameter Radars • Signal Processing
29	Dr. R. Ravindra Department of Civil Engineering R.V. College of Engineering, Bangalore	<ul style="list-style-type: none"> • Analysis of Structures • Design of RCC and Steel Structures • Advance RCC Design • Matrix Methods of Structural Analysis • Reliability Engineering

30	<p>Dr. S. Ramamurthy Retd. Scientist G and Head - Propulsion Division National Aerospace Laboratories, Bangalore</p>	<ul style="list-style-type: none"> • Small Gas Turbine Engines for UAVs • Auxiliary Power Unit for Aircraft • Simulation of Gas Turbine Engine Performance • CFD and Optimization of Engine Components • Design and Testing of Gas Turbine Engine Components • Mixed Flow Compressor for Small Aero Engines • Inlet Flow Distortion to Aero Engines
31	<p>Prof. G. L. Sivakumar Babu Professor Geotechnical Engineering Division Department of Civil Engineering Indian Institute of Science</p>	<ul style="list-style-type: none"> • Risk and Reliability Applications in Geotechnical Engineering • Geosynthetics and Reinforced Soil Structures • Environmental Geotechnology • Fibres in Geotechnical Engineering • Earthquake Geotechnical Engineering • Geotechnics for Disaster Mitigation
32	<p>Dr. B. P. Naveen Research Associate, Department of Civil Engineering, Geo Technical Engineering (Division) Indian Institute of Science, Bangalore</p>	<ul style="list-style-type: none"> • Geo-Environmental Engineering • Ground Improvement Techniques • Foundation Engineering • Solid Waste Management • Geotechnical Field Testing • Deep Foundation

33	Dr. Veena Soraganvi Professor Department of Civil Engineering Basaveshwar Engineering College Bagalkot	<ul style="list-style-type: none"> • Groundwater Flow and Transport Field Studies with Modelling • Waste Water Treatment • Soil Organic Carbon Impacts • Application of Remote Sensing and GIS • Numerical and Stochastic Modelling
34	Dr. R. Shivashankar Professor Department of Civil Engineering National Institute of Technology Karnataka (NITK) Surathkal, Mangalore	<ul style="list-style-type: none"> • Geotechnical Engineering • Geomechanics • Slope Engineering • Geosynthetics Engineering • Soil-Structure Interaction • Ground Improvement
35	Dr. Rajesh Gopinath Associate Professor Department of Civil Engineering, BMS Institute of Technology and Management, Bangalore	<ul style="list-style-type: none"> • Environmental Engineering • Qualitative and Ethical Research Practices
36	Dr. Satish Chandra Chief Scientist and Head Structural Technologies Division, National Aerospace Laboratories, Bangalore	<ul style="list-style-type: none"> • Structural Mechanics • Aircraft Design and Testing • Impact and Crashworthiness • Computational Mechanics • High Performance Computing • Civil Aviation Policy Research • Technology Strategies
37	Dr. Arunachala U. Chandavar Associate Professor Department of Mechanical and Manufacturing Engineering, MIT, Manipal	<ul style="list-style-type: none"> • Solar Thermal Engineering • Fluid Mechanics • Renewable Energy System • Heat Transfer • Thermodynamics
38	Dr. K. P. Sinhamahapatra HAL Chair Professor and Former Head of Department Department of Aerospace Engineering, Indian Institute of Technology - Kharagpur	<ul style="list-style-type: none"> • Aerodynamics • Fluid Mechanics • Computational Fluid Dynamics

39	Dr. C. V. Srinivasa Professor and Head Department of Civil Engineering Global Academy of Technology Bangalore	<ul style="list-style-type: none"> • Watershed Management • GIS Based Flood Mapping • River System Modelling • Remote Sensing • Geographical Information System
40	Dr. G. K. Suryanarayana Head – National Trisonic Aerodynamics Facility National Aerospace Laboratories Bangalore	<ul style="list-style-type: none"> • Model Testing • Aerodynamics • High Speed Flows
41	Dr. Rakshith Raghavan Belur Engineer - Airbus India Bangalore	<ul style="list-style-type: none"> • Big Data • Operational Efficiency of Airlines • Computational Fluid Dynamics
42	Dr. Jagannath Korody Professor and Head Department of Mechanical and Manufacturing MIT, Manipal	<ul style="list-style-type: none"> • Project Management • Industrial Tribology • Advanced Thermodynamics and Combustion • Advanced Heat Transfer • Renewable Energy Systems • Refrigeration and Cryogenic Systems
43	Dr. Radhakrishna Professor Department of Civil Engineering R. V. College of Engineering Bangalore	<ul style="list-style-type: none"> • Concrete Technology • Geopolymers • High Volume Fly Ash Concrete • Controlled Low Strength Materials • RCC
44	Dr. N. Balasubramanya Professor and Dean (Admin) Acharya Institute of Technology Bangalore	<ul style="list-style-type: none"> • Hydraulics • Environmental Engineering
45	Dr. M. T. Prathap Kumar Professor and Head Department of Civil Engineering RNS Institute of Technology Bangalore	<ul style="list-style-type: none"> • Geological and Geotechnical Engineering • Geoenvironmental Engineering • Earthquake Engineering • Engineering Vibration

46	Dr. Rangachari Kidambi Scientist E2 CTFD Division National Aerospace Laboratories, Bangalore	<ul style="list-style-type: none"> • Mathematical Methods in Fluid Mechanics • Interfacial Flows • Low Reynolds Number Flows • Vortex Dynamics
47	Prof. J. Paulo Davim Professor and Head – Machining and Tribology Research Group, Department of Mechanical Engineering, University of Aveiro, Portugal	<ul style="list-style-type: none"> • Manufacturing • Materials Engineering • Machining • Tribology
48	Dr. T. Nageswara Rao Professor and Head Department of Mechanical Engineering, Gitam School of Technology, Bangalore	<ul style="list-style-type: none"> • Gas Turbines – Aerospace • Electronic Cooling • Heat Exchangers
49	Dr. T. V. Reshmidevi Assistant Professor Department of Civil Engineering BMS College of Engineering Bangalore	<ul style="list-style-type: none"> • Hydrologic Modeling and Watershed Management • Climate Change Impacts on the Water Resources • Remote Sensing and GIS Applications in Water Resources • Irrigation Management • Artificial Intelligence and Expert System Application in Natural Resource Management • Surface and Groundwater Hydrology
50	Dr. V. Ramesh Joint Head, Computational and Theoretical Fluid Dynamics Division National Aerospace Laboratories, Bangalore	<ul style="list-style-type: none"> • Computational Fluid Dynamics • Aerodynamics • Gas Dynamics
51	Prof. Mike Blundell Associate Dean and Professor, Faculty of Engineering and Computing of Vehicle Dynamics and Impact, Coventry University, U.K.	<ul style="list-style-type: none"> • Vehicle Dynamics and Impact • Airbag Deployment • Pedestrian Impact • Helicopter Crash Protection • Behavior of Automotive and Aircraft Tyres

52	Prof. Avijit Chatterjee Professor, Department of Aerospace Engineering Indian Institute of Technology, Mumbai	<ul style="list-style-type: none"> • Aircraft Design • Aerodynamics • Computational Fluid Dynamics • Computational Electromagnetics
53	Dr. Dipali Thakkar Department of Aeronautical Engineering SVIT, Gujarat	<ul style="list-style-type: none"> • Aerospace Structures • Helicopter/Rotorcraft Dynamics • Aeroelasticity • Fracture Mechanics • Mechatronics • Finite Element Analysis • Solid Mechanics • Load Calculations and Analysis • Smart Materials and Structures • Composite Materials • Structural Dynamics • Vibration Control
54	Dr. S. A. Channiwala Professor Department of Mechanical Engineering SVN Institute of Technology, Surat, Gujarat	<ul style="list-style-type: none"> • Combustion • Alternate Fuels and Energy
55	Dr. K. Ilango Assistant Professor, Amrita School of Engineering, Kerala	<ul style="list-style-type: none"> • Green Chemistry • Material Chemistry
56	Dr. Divakar Ramachandran Scientific Officer 'H+', Head, High-Resolution Materials Characterisation Section (MSSCD / PMG) and Head, Irradiated Materials Characterisation Section (PIED / GRIP) and Professor, Homi Bhabha National Institute	<ul style="list-style-type: none"> • Fast Reactor Structural and Fuel materials including Steels and Uranium alloys • Matrix – Second Phase Interface Structures in Metallic Alloys and Ceramic – Metal • Nano-composites
57	Dr. N. Nagesha Professor Dept. of Industrial & Production Engineering University BDT College of Engineering Davanagere	<ul style="list-style-type: none"> • Active Learning Strategies • Multi-Criteria Decision-Making

58	Dr. B. Somasundaram School of Mechanical Engineering Reva University Rukmini Knowledge park Kattigenahalli, Yelahanka Bangalore	<ul style="list-style-type: none"> • Manufacturing Science and Engineering • Thermal Spray Coatings • Advanced Materials • Oxidation and Hot Corrosion • Composites
59	Dr. H.G. Umeshchandra Associate Professor Alva`s Institute of Engineering and Technology Moodbidri	<ul style="list-style-type: none"> • Groundwater Hydrology • Water Resources Engineering • Remote Sensing • Photogrammetry • Engineering Geology • Environmental Studies • Air Pollution and Control
60	Dr. Amrutharaj H. Krishnan Professor Dept. of Printing & Media Engineering Manipal Institute of Technology Manipal	<ul style="list-style-type: none"> • Environmental Science • Printing and Media Technology
61	Dr. Srinath M. S. Professor Department of Mechanical Engineering Malnad College of Engineering Hassan	<ul style="list-style-type: none"> • Industrial & Production Engineering • Advanced Manufacturing • Non-Traditional Machining & Welding Processes
62	Dr. Dipak Kumar Maiti Professor and Head Department of Aerospace Engineering Indian Institute of Technology Kharagpur	<ul style="list-style-type: none"> • Shear Deformation Theory • Vibration Analysis • Finite Element Modelling
63	Dr. S.N. Omkar Chief Research Scientist Department of Aerospace Engineering Indian Institute of Science Bangalore	<ul style="list-style-type: none"> • Helicopter Dynamics • Satellite Image Processing • Biomechanics • Uninhabited Air Vehicles (UAV) • Composite Design Optimization • Structural Health Monitoring
64	Dr. V. Devaraj Professor Department of Civil Engineering UVCE Bangalore	<ul style="list-style-type: none"> • Structural Engineering • Pre-stressed Concrete • Construction Technology • Water resources engineering • Earthquake Engineering

