



Ramaiah University of Applied Sciences

Research Division

List of Approved Internal Ph.D. Supervisors

Faculty of Engineering and Technology					
Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Prof. S. R. Shankapal	Automotive and Aeronautical Engineering	B.E., M.Tech., Ph.D.	30	<ul style="list-style-type: none">• Control Systems Engineering• Vehicle Dynamics, Handling and Simulation• Energy Systems – Fuel Combustion• IC Engines and Power Turbines• Hybrid Powered Vehicles
2.	Prof. H.K. Narahari	Automotive and Aeronautical Engineering	B.Sc., D.M.I.T, M.E., Ph.D.	29	<ul style="list-style-type: none">• Supersonic and Subsonic Aerodynamics• Aircraft Design• Combustion Modelling• Heat Transfer
3.	Dr. S. Srikari	Automotive and Aeronautical Engineering	B.Sc., M.Sc., M.Tech., Ph.D.	13	<ul style="list-style-type: none">• Composite Materials• Bio Materials• Ceramics• Coating Technology• Polymers
4.	Dr. B. V. Vijay	Automotive and Aeronautical Engineering	B.E., M.S., Ph.D.	17	<ul style="list-style-type: none">• Structural Dynamics and Stability• Non – Linear Structural Behaviour• Composite Structures• Evolutionary Optimization• Fuzzy Systems
5.	Dr. A. T. Sriram	Automotive and Aeronautical Engineering	B.E., M.E., Ph.D.	15	<ul style="list-style-type: none">• Combustion – Gas Turbine, Scram Jet, IC Engines and Power Plants• Aerodynamics : Turbomachinery Aerodynamics, Flow Structure Interaction• Stability and Control – Aircraft and Other Related Power and Vehicle Application• Non – Thermal Plasma and Plasma Thrusters• Bio Fluid Mechanics – Blood Flow in Brain



Ramaiah University of Applied Sciences

Research Division

6.	Dr. B. S. Dayananda	Automotive and Aeronautical Engineering	B.E., M.Tech., Ph.D.	16	<ul style="list-style-type: none"> • Alternative Fuels • I C Engines • Combustion Technology
7.	Dr. R. Raja	Automotive & Aeronautical Engineering	B.E., M.E., Ph.D.	19	<ul style="list-style-type: none"> • Alternate Fuels for Automotive Engines • Design and Validation of Automotive System
8.	Dr. Mahesh K. Varpe	Automotive & Aeronautical Engineering	B.E., M.Tech., Ph.D.	10	<ul style="list-style-type: none"> • Aerospace Propulsion • Turbomachines • Flow Control • Experimental Aerodynamics and Flow Visualisation • Heat Transfer
9.	Dr. M. Sivapragasam	Automotive & Aeronautical Engineering	B.Sc., M.Sc., Ph.D.	09	<ul style="list-style-type: none"> • Fluid Mechanics • Aerodynamics • Computational Fluid Dynamics • Gas Turbine Engineering • Turbomachinery Aerodynamics
10.	Dr. H. M. Rajashekara Swamy	Civil Engineering	B.Tech., M.Tech., Ph.D.	28	<ul style="list-style-type: none"> • Static and Dynamic Analysis of Soil Structure interaction Problem • Frame and Wall Interaction Under Static and Dynamic Loads • Structural Health Monitoring of Structures • Static and Dynamic FEM Application in Structures and Soil Mechanics • Fluid – Structure Interaction • Mesh – Free Methods • Discrete Element Method
11.	Dr. S. D. Anitha Kumari	Civil Engineering	B.E., M.S., Ph.D.	10	<ul style="list-style-type: none"> • Earthquake Geotechnical Engineering • Discrete Element Modelling • Rock Mechanics • Blast/Shock Loading in Underground Structures • Seismic Hazard Analysis
12.	Dr. B. R. Venkatesh	Civil Engineering	B.Sc., M.Sc., Ph.D.	37	<ul style="list-style-type: none"> • Environmental Science • Geochemistry (Stable Isotopes) • Sedimentology (Earth Science) • Marine Geology



Ramaiah University of Applied Sciences

Research Division

13.	Dr. P. Lakshmikanthan	Civil Engineering	B.E., M.E., Ph.D.	06	<ul style="list-style-type: none">• Landfill Engineering and Solid Waste Management• Sustainable and Renewable Energy• Contaminant Transport and Site Remediation• Water and Waste Water Treatment• Reliability Analysis and Numerical Modelling
14.	Dr. Harshad Rameshwar Parate	Civil Engineering	B.E., M.E., Ph.D.	06	<ul style="list-style-type: none">• Water Resources Engineering• Vadose Zone Engineering• Surface and Groundwater Engineering
15.	Dr. P. V. R. Murthy	Computer Science and Engineering	M.Sc. Tech. (Computer Science Integrated), Ph.D.	31	<ul style="list-style-type: none">• Program Analysis (for Optimizations, Defect Detection, Concurrency, Security)• Parallel Computing• Software Engineering (Testing, Verification, Formal Methods and Refactorings)
16.	Dr. C. Narendra Babu	Computer Science & Engineering	B.E., M.Tech., Ph.D.	14	<ul style="list-style-type: none">• Time Series Analysis and Forecasting• Data Mining, Predictive Analytics• Big Data• Soft Computing
17.	Dr. Subarna Chatterjee	Computer Science & Engineering	B.E., M.E., Ph.D.	4.6	<ul style="list-style-type: none">• Medical Image Analysis & Processing• Image Processing & Pattern Recognition• Computational Geometry• Embedded System
18.	Dr. Raghavendra Venkatesh Kulkarni	Computer Science & Engineering	B.E., M.E., Ph.D.	28	<ul style="list-style-type: none">• Soft Computing• Wireless Sensor Networks• Digital Image Processing• Digital Signal Processing• Embedded Systems
19.	Dr. Pushphavathi T. P.	Computer Science & Engineering	B.E., M.Tech., Ph.D.	18	<ul style="list-style-type: none">• Data Mining• Soft Computing and Big Data Analytics• Software Engineering



Ramaiah University of Applied Sciences

Research Division

20.	Prof. Govind R. Kadambi	Electronics and Communication Engineering	B.E., M.S., Ph.D.	33	<ul style="list-style-type: none">• Antenna-Analysis and Design• Electromagnetics and Computational Electromagnetics• Multi Band Antennas for Wireless Applications• Adaptive Techniques in Communication and Signal Processing• Digital Beamforming, MAMETs and Optic Flow
21.	Dr. R. Hariharan	Electronics and Communication Engineering	B.E., M.E., Ph.D.	17	<ul style="list-style-type: none">• Machine Learning Algorithm• Complex Systems Modelling• Biomedical Image Processing• Video Surveillance
22.	Dr. S. Malathi	Electronics and Communication Engineering	B.E., M.E., Ph.D.	07	<ul style="list-style-type: none">• Fiber Optic Communication• Integrated Optics• Optical Sensors• Optical MEMS
23.	Dr. D. Punithavathi	Electronics and Communication Engineering	B.E., M.E., Ph.D.	09	<ul style="list-style-type: none">• Digital System Architecture• FPGA Based High Performance Architecture Design• Embedded System• Digital Signal Processing
24.	Dr. Rohini Deshpande	Electronics and Communication Engineering	B.E., M.E., Ph.D.	24	<ul style="list-style-type: none">• Digital Signal Processing• Optical Communication• Optical Networks• RADAR Signal Processing• Video Signal Processing
25.	Dr. Rinki Sharma	Electronics and Communication Engineering	B.E., M.Sc., Ph.D.	10.4	<ul style="list-style-type: none">• Computer Networks• Wireless Networks• Network Security• Internet of Things• Embedded Networks
26.	Dr. Preetham Shankpal	Electronics & Communication Engineering	B.E., M.S., Ph.D.	07	<ul style="list-style-type: none">• Image Processing• Signal Processing
27.	Dr. B. R. Karthikeyan	Electronics & Communication Engineering	B.E., M.Sc., Ph.D.	9.5	<ul style="list-style-type: none">• Antennas• Baseband Signal Processing• Adaptive Algorithms• Image Processing• Wireless Communications



Ramaiah University of Applied Sciences

Research Division

28.	Dr. T. Christy Bobby	Electronics & Communication Engineering	B.E., M.S., Ph.D.	18	<ul style="list-style-type: none"> • Bio Medical Image Processing • Bio Medical Signal Processing • Bio Medical Instrumentation • Machine Learning Techniques • Nano Bio Materials for Bone Tissue Engineering
29.	Dr. Y. Sunil	Electronics & Communication Engineering	B.E., M.Tech., Ph.D.	11	<ul style="list-style-type: none"> • Signal Processing • Speech and Image Processing • Communication • VLSI and Embedded System
30.	Dr. Pallaviram Sure	Electronics & Communication Engineering	B.Tech., M.Tech., Ph.D.	10	<ul style="list-style-type: none"> • Big Data Aware 5G Massive MIMO and MIMO-OFDM Systems • Green Communications with Spectrum Sensing • Sparse Modelling and Compressive Sensing based Antenna NFFT Transformation • High Dimensional Data Compression Backing Smart City Requirements
31.	Dr. K. Manickavasagam	Electrical Engineering	B.E., M.E., Ph.D.	15.7	<ul style="list-style-type: none"> • Power System Analysis • Renewable Energy System • Power System Operation • Power System Control • Power System Automation
32.	Dr. Shama Ravichandran	Electrical Engineering	B.E., M.E., Ph.D.	03	<ul style="list-style-type: none"> • Robust Control • Adaptive Control • Control Systems
33.	Dr. Sanjay Lakshminarayanan	Electrical Engineering	B.Tech., M.Sc., Ph.D.	16.5	<ul style="list-style-type: none"> • Power Electronics • Multi-Level Inverters • Renewable Energy Systems • Industrial Electronics
34.	Dr. Sanjeev K. Nayak	Electrical Engineering	B.E., M.Tech., Ph.D.	10.5	<ul style="list-style-type: none"> • Distributed Generation Power Quality • Power Electronics Interfacing Circuits • Fuel Cell and Micro Turbine Base • Distributed Generation System



Ramaiah University of Applied Sciences

Research Division

35.	Dr. Arulanatham	Mechanical & Manufacturing Engineering	B.E., M.Tech., Ph.D.	20	<ul style="list-style-type: none"> • Heat Transfer • Energy and Renewable Energy • CFD • Artificial Intelligence Techniques for Thermal Systems • Thermal Science
36.	Dr. Arun R. Rao	Mechanical & Manufacturing Engineering	B.E., M.Sc., Ph.D.	16	<ul style="list-style-type: none"> • Large Elasto – Plastic Deformation • Mechanical Behaviour of Materials • Solid Mechanics • Kinematics and Dynamics of Mechanisms • Structural Design and Optimisation
37.	Dr. Rahul M. Cadambi	Mechanical & Manufacturing Engineering	B.E., M.Tech., Ph.D.	10	<ul style="list-style-type: none"> • Synthesis of Nanomaterials • Polymer and Rubber Nanocomposites • Composite Materials • Metallised Coatings on Polymers and Rubbers
38.	Dr. T. N. Srikantha Dath	Mechanical & Manufacturing Engineering	B.E., M.E., Ph.D.	28	<ul style="list-style-type: none"> • Supply Chain Management • Knowledge Management • Operations Management • Quality Engineering and Management • Manufacturing Engineering
39.	Dr. M. C. Muruges	Mechanical & Manufacturing Engineering	B.E., M.Tech., Ph.D.	14	<ul style="list-style-type: none"> • Drilling of Polymer Matrix Composites
40.	Dr. Ananth S. Iyengar	Mechanical & Manufacturing Engineering	B.E., M.S., Ph.D.	2.5	<ul style="list-style-type: none"> • Thermal Engineering • Nanotechnology • Bio Sensors • Micro/Nano Fabrication
41.	Dr. N. C. Mahendra Babu	Mechanical & Manufacturing Engineering	B.E., M.Tech., Ph.D.	28	<ul style="list-style-type: none"> • Metal Fatigue Analysis • Fatigue Life Extension Techniques • Fracture Mechanics • Machinery Design • Structural Analysis
42.	Dr. R. Suresh	Mechanical & Manufacturing Engineering	B.E., M.Tech., Ph.D.	14.5	<ul style="list-style-type: none"> • Machining of Hard Materials • Non-Traditional Machining • Surface Coating • Composites Processing



Ramaiah University of Applied Sciences

Research Division

Faculty of Art and Design

Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Dr. Mamatha. G. Hegde	Fashion Design	B.Sc., M.Sc., Ph.D.	15	<ul style="list-style-type: none">• Natural Dyeing, Printing, Finishing• Embroidery, Designing• Clothing, Apparel Marketing, Merchandising• Textile Fibres, Yarns, Fabrics• Weaving, Knitting, Nonwovens, Nano Fibres

Faculty of Management and Commerce

Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Dr. N. Suresh	Management Studies	B.E., M.E., MBA, Ph.D.	23	<ul style="list-style-type: none">• Finance and Accounting• Operations Management• Strategic Management
2.	Dr. Sandhya Iya	Management Studies	B.A., M.A., Ph.D.	22	<ul style="list-style-type: none">• Management of R&D/Tech Personnel• TQM – HR Interface• Employee Engagement• Japanese Management
3.	Dr. J. P. Prasanna Kumar	Management Studies	M.Com., MBA, M.Phil., Ph.D.	33	<ul style="list-style-type: none">• Costing• Finance• Organisation Behaviour• Services Marketing
4.	Dr. H. S. Srivatsa	Management Studies	B.E., M.Sc., Ph.D.	14	<ul style="list-style-type: none">• Digital Marketing• Customer Relationship Management (CRM)• Services Marketing• Green Marketing• Technology Adoption
5.	Dr. A. C. Lokesh	Management Studies	B.Sc., M.Sc., Ph.D.	17	<ul style="list-style-type: none">• Renewable Energy• Lean Manufacturing• Innovation Management• Operations Management• Entrepreneurship
6.	Dr. K. M. Sharath Kumar	Management Studies	B.E., MBA, Ph.D.	12	<ul style="list-style-type: none">• Operations Research and Management• Research Methodology and Data Analysis• Quantitative Modelling and Data Envelopment Analysis• Logistics and Supply Chain Management• Business Analysis



Ramaiah University of Applied Sciences

Research Division

7.	Dr. G. Devakumar	Management Studies	B.E., MBA, Ph.D.	21	<ul style="list-style-type: none"> • Marketing Management • Brand Management • Strategic Management • Consumer Behaviour • Customer Relationship Management
8.	Dr. Chandra Sen Mazumdar	Management Studies	B.Sc., M.Sc. (Engg.), Ph.D.	06	<ul style="list-style-type: none"> • Supply Chain Management • Scheduling and Forecasting • Game Theory • Operations Research • Inventory Management
9.	Dr. Suman Chakraborty	Commerce	B.Com., M.Com., Ph.D.	14	<ul style="list-style-type: none"> • Money and Capital Market • Behavioural Finance • Financial Instruments and Services • Corporate Valuations • Portfolio Management
10	Dr. V. Narendranath	Hospital Administration	MBBS, MD	15	<ul style="list-style-type: none"> • Organization Behaviour • Health Care Facilities Planning • Human Resource • Operations Research

Faculty of Dental Sciences

Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Dr. B. K. Yashoda Devi	Oral Medicine and Radiology	BDS, MDS	23	<ul style="list-style-type: none"> • Premalignant Lesion and Condition • Bone Lesion and Tumors
2.	Dr. N. Rakesh	Oral Medicine and Radiology	BDS, MDS, Ph.D.	9.5	<ul style="list-style-type: none"> • Salivary Gland Disorders • Forensic Dentistry • Imaging
3.	Dr. Hema Seshan	Periodontics	BDS, MDS	25	<ul style="list-style-type: none"> • Advanced Diagnostic Aids • Biomaterials • Mucogingival Techniques
4.	Dr. K. Kranti	Periodontics	BDS, MDS	12	<ul style="list-style-type: none"> • Periodontal Disease Markers • Stem Cells in Periodontics • Genomics in Periodontics
5.	Dr. R. M. Lalitha	Oral & Maxillofacial Surgery	BDS, MDS	28	<ul style="list-style-type: none"> • Oral Cancer • Maxillofacial Trauma • Cysts of Jaws • Bone Regeneration



Ramaiah University of Applied Sciences

Research Division

6.	Dr. Kavitha Prasad	Oral & Maxillofacial Surgery	BDS, MDS	19	<ul style="list-style-type: none"> • Maxillofacial Pathology • Maxillofacial Trauma • Temporomandibular Joint Disorders • Cleft Lip and Palate • Orofacial Pain
7.	Dr. K. Ranganath	Oral & Maxillofacial Surgery	BDS, MDS	20	<ul style="list-style-type: none"> • Cadaver Based • Distraction Osteogenesis • Oncology • Congenital and Development Anomalies • Trauma
8.	Dr. B. V. Sreenivasa Murthy	Conservative Dentistry and Endodontics	BDS, MDS	27	<ul style="list-style-type: none"> • Molecular Biology • Biomaterials in Dentistry
9.	Dr. Sylvia Mathew	Conservative Dentistry and Endodontics	BDS, MDS	20	<ul style="list-style-type: none"> • Endodontics – Microbiology, Regeneration • Material Science
10.	Dr. Swaroop Hegde	Conservative Dentistry and Endodontics	BDS, MDS	19	<ul style="list-style-type: none"> • Micro Endodontics
11.	Dr. V. George John	Conservative Dentistry and Endodontics	BDS, MDS	17	<ul style="list-style-type: none"> • Advances in Dental Material Science • Endodontics – Lasers in Endodontics
12.	Dr. G.S. Prashantha	Orthodontics	BDS, MDS	10	<ul style="list-style-type: none"> • Growth Modulation • Bio – Mechanics • Clinical Innovations
13.	Dr. M. Sunil Kumar	Orthodontics	BDS, MDS	09	<ul style="list-style-type: none"> • Advances in Orthodontic Material Science • Lingual Orthodontics • Surgical Orthodontics • Contemporary Orthodontics in treatment Mechanics • Cleft lip and Cleft Palate
14.	Dr. Roopa S. Rao	Oral Pathology and Microbiology	BDS, MDS	13	<ul style="list-style-type: none"> • Oral Cancer and Precancer • Oral Microbiology • Forensic Odontology
15.	Dr. K. Pushpanjali	Public Health Dentistry	BDS, MDS, Ph.D.	19	<ul style="list-style-type: none"> • Oral Health Promotion • Dental Health Care Waste Management • School Oral Health Programmes • Health Profession Education
16.	Dr. S. Suma	Dentistry Prosthodontics	BDS, MDS	14	<ul style="list-style-type: none"> • Geriatrics and Nutrition • Maxillofacial Prosthodontics • Complete Denture • Cancer Related



Ramaiah University of Applied Sciences

Research Division

17.	Dr. K. Ravishankar	Dentistry Prosthodontics	BDS, MDS	12	<ul style="list-style-type: none"> • Implantology • Material Science
Faculty of Pharmacy					
Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Dr. V. Madhavan	Pharmacognosy	B.Pharm., M.Pharm., Ph.D.	35	<ul style="list-style-type: none"> • Standardisation of Herbal Drugs • Drugs Used in Alternative Systems of Medicine • Evaluation of Ayurvedic Formulation
2.	Dr. V. L. Ashoka Babu	Pharmacognosy	B.Pharm., M.Pharm., Ph.D.	13	<ul style="list-style-type: none"> • Pharmacognostical Studies • Phytochemical Studies • Pharmacological Evaluation such as Antioxidant, Hepatoprotective, Antidiabetic Activity • Tissue Culture • Hairy Root Culture
3.	Dr. R. Gowri	Pharmacognosy	B.Pharm., M.Pharm., Ph.D.	12	<ul style="list-style-type: none"> • Pharmacognostical Standardisation of Herbal Drugs and Extracts • Pharmacological Screening of Herbal Drugs / Extracts • HPTLC Analysis of Herbal Drugs / Extracts
4.	Dr. K. Sundar Saravanan	Pharmacognosy	B.Pharm., M.Pharm., Ph.D.	08	<ul style="list-style-type: none"> • Pharmacognostical Studies • Phytochemical Studies Involving Isolation of Constituents • Pharmacological Evaluation of Crude Drugs • Computer Aided Drug Design
5.	Dr. D.R. Harish Kumar	Pharmaceutical Chemistry	B.Pharm., M.Pharm., Ph.D.	26	<ul style="list-style-type: none"> • Synthetic Chemistry • Isolation of Phytoconstituents and Characterization of Natural Products
6.	Dr. Lakshmi M. Sundar	Pharmaceutical Chemistry	B.Pharm., M.Pharm., Ph.D.	09	<ul style="list-style-type: none"> • Pre-Clinical Pharmacokinetics and Metabolism • Drug Herb Interactions • Population Pharmacokinetics • Pharmacokinetics and Pharmacodynamic (PKPD) Modelling



Ramaiah University of Applied Sciences

Research Division

7.	Dr. S. Bharath	Pharmaceutics	B.Pharm., M.Pharm., MBA, Ph.D.	20	<ul style="list-style-type: none">• Polymer Science• Oral Controlled Drug Delivery Systems• Ocular Drug Delivery Systems• Buccal Drug Delivery Systems• Nasal Drug Delivery Systems
8.	Dr. B. V. Basavaraj	Pharmaceutics	B.Pharm., M.Pharm., Ph.D.	13	<ul style="list-style-type: none">• Gastroretentive Drug Delivery Systems• Nanotechnology• Advanced Drug Delivery Systems
9.	Dr. R. Deveswaran	Pharmaceutics	B.Pharm., M.Pharm., Ph.D.	14	<ul style="list-style-type: none">• Controlled Drug Delivery• Novel Drug Delivery• Analytical Method Development• Development of New Polymers, Excipients and Co-processed Excipients• Development and Evaluation of Herbal Formulations
10.	Dr. J. Anbu	Pharmacology	B.Pharm., D.M.L.T., M.Pharm., Ph.D.	13	<ul style="list-style-type: none">• In VIVO Anticancer Activity• Pharmacokinetic Drug Interactions• Antidiabetic Studies• Hypolipidemic Activity & Wound Healing• Antinephrolithiatic Activity
11.	Dr. G.R. Saraswathy	Pharmacology	B.Pharm., M.Pharm., Ph.D.	12	<ul style="list-style-type: none">• Pharmacovigilance• Clinical Drug Interaction Studies• Neuro Pharmacology• Psycho Pharmacology
12.	Dr. Anita Murali	Pharmacology	B.Pharm., M.Pharm., M.Sc., Ph.D.	25	<ul style="list-style-type: none">• Psycho Pharmacology Studies• Diabetes and its Complications• Anticancer Activity• Hepatoprotective Activity• Pharmacological Screening of Medicinal Plants
13.	Dr. Shvetank Bhat	Pharmacology	B.Pharm., M.Pharm., Ph.D.	09	<ul style="list-style-type: none">• Neuro Pharmacology• Inflammation• Pain• Diabetic Research• Thrombotic Disorders



Ramaiah University of Applied Sciences

Research Division

14.	Dr. Mohammad Azamathulla	Pharmacology	B.Pharm., M.Pharm., Ph.D.	8.9	<ul style="list-style-type: none"> • Cardiovascular Activity • Toxicity Studies • Antifertility Activity • Wound Healing Activity • Antiulcer Activity
15.	Dr. E. Maheswari	Pharmacy Practice	B.Pharm., M.Pharm., Ph.D.	11	<ul style="list-style-type: none"> • Clinical Pharmacy • Community Pharmacy • Pharmacovigilance • Pharmacoeconomics and Pharmacoepidemiology • Poison and Drug Information Study

Faculty of Science and Humanities

Sl. No.	Name	Department	Qualification	Experience in Years	Areas of Research Interest
1.	Dr. M. R. Srinivasan	Physics	B.Sc., M.Sc., Ph.D.	35	<ul style="list-style-type: none"> • Solid State Physics • Optics • MEMS • NOEMS • Ferroelectrics
2.	Dr. Asha Rao	Physics	B.Sc., M.Sc., Ph.D.	15	<ul style="list-style-type: none"> • Irradiation Studies on Semiconductor Devices • Fabrication, Simulation and Radiation Effects Studies on Multijunction Solar Cells • Nanomaterials Synthesis and Application in Solar Cells
3.	Dr. Bhaghyesh	Physics	B.Sc., M.Sc., M.Phil., Ph.D.	01	<ul style="list-style-type: none"> • Particle Physics (Theory, Phenomenology) • Hadron Physics (Phenomenology) • Nuclear Physics • Chiral Perturbation Theory
4.	Dr. R.S. Keshavamurthy	Physics	M.Sc., Ph.D.	31	<ul style="list-style-type: none"> • Nuclear Physics and Technology of Reactor • Mathematical Methods and Quantum Mechanics • Environment • Radiation Protection
5.	Dr. Vikas M. Shelar	Physics	B.Sc., M.Sc., Ph.D.	4.8	<ul style="list-style-type: none"> • Laser Based Flow Visualization in Fluid Dynamics • Laser Spectroscopy • Fluorescence Spectroscopy • Nanotechnology



Ramaiah University of Applied Sciences

Research Division

6.	Dr. Manjunatha S. O.	Physics	B.Sc., M.Sc., Ph.D.	01	<ul style="list-style-type: none">• CMR Properties in Manganite and Cobaltite• Multiferroics• Nano Ferrites for High Frequency Application
7.	Dr. B. S. Shivashankar	Physics	B.Sc., M.Sc., Ph.D.	11	<ul style="list-style-type: none">• Neutron Induced Reaction Cross-section Determination• Covariance Analysis of Nuclear Data• Nuclear Data Evaluations
8.	Dr. Y. C. Sunil Kumar	Chemistry	B.Sc., M.Sc., Ph.D.	07	<ul style="list-style-type: none">• Medicinal Chemistry• Natural Product Synthesis
9.	Dr. Sheetal Batkurki	Chemistry	B.Sc., M.Sc., Ph.D.	06	<ul style="list-style-type: none">• Heterocyclic Chemistry• Natural Product
10.	Dr. T. Niranjana Prabhu	Chemistry	M.Sc., M.Tech., Ph.D.	13	<ul style="list-style-type: none">• Polymer Composite Materials• Nanomaterials• Wastewater Treatment
11.	Dr. Jyotsna Kumar	Chemistry	B.Sc., M.Sc., Ph.D.	08	<ul style="list-style-type: none">• Catalyst• Green Chemistry• Environmental Chemistry• Barium Chemicals
12.	Dr. A. G. Jineesh	Chemistry	B.Sc., M.Sc., Ph.D.	01	<ul style="list-style-type: none">• Elastomer Nanocomposites• Synthesis of Functionalized Nanomaterials• Polymer Blends and Alloys• Dynamic Mechanical and Rheological Properties of Composites• Green Composites
13.	Dr. A. S. Deepak	Mathematics	B.E., M.Sc., Ph.D.	09	<ul style="list-style-type: none">• Inverse Problems for Partial Differential Equations• Harmonic Analysis• Numerical Analysis• Mathematics Physics• Functional Analysis
14.	Dr. Mahesha Narayana	Mathematics	B.Sc., M.Sc., Ph.D.	06	<ul style="list-style-type: none">• Computational Methods• Boundary Layer Flows• Convective Instabilities• Flow Through Porous Media• Bio – Mechanics
15.	Dr. S. Chandan Kumar	Mathematics	B.Sc., M.Sc., Ph.D.	04	<ul style="list-style-type: none">• Number Theory• Ramanujan's Theta Functions• Modular Equations• Continued Fractions



Ramaiah University of Applied Sciences

Research Division

16.	Dr. M. Shekar	Mathematics	B.Sc., M.Sc., Ph.D.	01	<ul style="list-style-type: none">• Convective Flow in a Corrugated Channel• Flow through Porous Medium• Immiscible Fluid Flows• Non-Newtonian Fluid Flow• Heat and Mass Transfer
17.	Dr. G. Somashekhara	Mathematics	B.Sc., M.Sc., Ph.D.	11	<ul style="list-style-type: none">• Differential Geometry
18.	Dr. Indira Narayanaswamy	Mathematics	B.Sc., M.Sc., Ph.D.	31	<ul style="list-style-type: none">• Multi-disciplinary Design Optimization (MDO)• CFD Applied to Aerodynamic Design• Applied Mathematics• Numerical Methods