

2026 PhD BATCH 2 Research Areas

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Mohammad Zuber	https://researcher.manipal.edu/en/persons/mohammad-zuber/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Haemodialysis catheter; Access recirculation; Catheter thrombosis; Hemodynamics; Catheter tip geometry; Blood flow; Medical device design; Experimental flow visualization;	Health Sciences	ALLIED HEALTH: EMERGENCY MEDICAL TECHNOLOGY (EMT)	FULL TIME CANDIDATES ONLY
Dr. G Divya Deepak	https://www.scopus.com/authid/detail.uri?authorid=57192384523	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Medical Image Analysis, Explainable AI, Deep Learning	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. G Divya Deepak	https://www.scopus.com/authid/detail.uri?authorid=57192384523	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Medical image analysis, AI/ML, Deep learning	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Priyanka Madhusudhan Rao	https://researcher.manipal.edu/en/persons/priyanka/publications/	Medical Imaging Technology	Manipal College of Health Professions, Manipal	MRI, Cervical spine, Musculoskeletal	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Saikiran Pendem	https://researcher.manipal.edu/en/persons/saikiran-pendem/	Medical Imaging Technology	Manipal College of Health Professions, Manipal	Basics of CT and MRI, Pulse sequences MRI, Head and Neck anatomy	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Shah Mohammed Abdul Khader	https://www.scopus.com/authid/detail.uri?authorid=36806042700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Carotid artery; medical imaging; CT/MR angiography; image segmentation; vessel geometry; bifurcation angle; tortuosity; atherosclerosis; stroke risk.	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Sowmya Gupta	https://researcher.manipal.edu/en/persons/sowmya-gupta/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Diabetic Retinopathy Detection, Point-of-Care Diagnostics, Tele-Ophthalmology, Vision Loss Prevention, Computer Vision in Healthcare, Automated Image Segmentation, AI ML	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Suresh Sukumar	https://researcher.manipal.edu/en/persons/suresh-sukumar/20	Medical Imaging Technology	Manipal College of Health Professions, Manipal	Structural MRI; Brain Volume; Visceral Adiposity; Peripheral Adiposity; Subcutaneous Fat; Obesity; Regional Brain Volume; Gray Matter; White Matter; Hippocampus; Cognitive Function; Neuroimaging; Body Composition	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Suresh Sukumar	https://researcher.manipal.edu/en/persons/suresh-sukumar/20	Medical Imaging Technology	Manipal College of Health Professions, Manipal	Paediatric radiography; Diagnostic Reference Levels (DRLs); Lower-limb radiography; kVp optimization; Radiation dose; Image quality; Radiation protection; ALARA; Exposure parameters; Dose optimization.	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Umesh Kumar Sahu	https://researcher.manipal.edu/en/persons/umesh-kumar-sahu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Advanced Medical Imaging, Digital Image Processing, Computer Vision, MATLAB, Open-CV, Advance Artificial Intelligence	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Winniecia Dkhar	https://researcher.manipal.edu/en/persons/winniecia-dkhar/	Medical Imaging Technology	Manipal College of Health Professions, Manipal	MRI, Medical Imaging Techniques, Anatomy, Physiology, Pathology	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Winniecia Dkhar	https://researcher.manipal.edu/en/persons/winniecia-dkhar/	Medical Imaging Technology	Manipal College of Health Professions, Manipal	MRI, Diffusion Kurtosis Imaging, Optic Nerve, Optic Pathway, Multiple Sclerosis	Health Sciences	ALLIED HEALTH: MEDICAL IMAGING TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Asha Patil	https://researcher.manipal.edu/en/persons/asha-patil/	Department of Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Clinical laboratories; Quality management system; Risk management; Laboratory quality.	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Kalaivani M	https://researcher.manipal.edu/en/persons/kalaivani-m/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Cancer Biology / Microbiome Research and Women's Health. Candidates with background in Life Sciences, Biotechnology, Microbiology, Molecular Biology, Biochemistry, Biomedical Sciences, Bioinformatics, Genetics, Medicine, Allied Health Sciences, or related disciplines. Basic understanding of molecular biology and biological data analysis will be advantageous.	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Kalaivani M	https://researcher.manipal.edu/en/persons/kalaivani-m/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Nutritional Microbiomics and Cardiometabolic Health, Candidates with backgrounds in Nutrition, Dietetics, Biotechnology, Microbiology, Molecular Biology, Biomedical Sciences, Bioinformatics, Public Health, Medicine, Allied Health Sciences, or related disciplines. Interest in nutrition, lifestyle research, microbiome science, and data analysis is desirable.	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Kalaivani M	https://researcher.manipal.edu/en/persons/kalaivani-m/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Clinical Biochemistry and Endocrine Health. Background in Biochemistry, Biotechnology, Biomedical Sciences, Nutrition, Life Sciences, Medicine, Allied Health Sciences, Endocrinology, Public Health, or related disciplines.	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Kavitha Sunil Shettigar	https://researcher.manipal.edu/en/persons/kavitha-s-shettigar/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Infectious diseases, microbiological techniques, PCR, basics of bioinformatics, molecular techniques	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Kavitha Sunil Shettigar	https://researcher.manipal.edu/en/persons/kavitha-s-shettigar/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Infectious diseases, microbiological techniques, PCR, basics of bioinformatics, molecular techniques	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Saritha Kamath U	https://researcher.manipal.edu/en/persons/saritha-kamath-u/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Inborn Errors of Metabolism (IEM), Laboratory Diagnostics, Laboratory Turnaround Time, Healthcare centre, Diagnostic Algorithms	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Saritha Kamath U	https://researcher.manipal.edu/en/persons/saritha-kamath-u/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Dietary habits, Physical activity, Mitochondrial health, Knee joint pain	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Saritha Kamath U	https://researcher.manipal.edu/en/persons/saritha-kamath-u/	Medical Laboratory Technology	Manipal College of Health Professions, Manipal	Developmental delay, micro nutrient deficiency, mitochondrial function, metabolic determinants	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Swati Sharma	https://www.scopus.com/pages/authors/55574195620	Department of Pathology	Kasturba Medical College, Manipal	Molecular and conventional pathology/Identification of therapeutic/prognostic biomarkers pertaining to immune environment in renal cell carcinoma through transcriptomic analysis – a clinicopathological study/ Renal cell carcinoma; immune-oncology; microenvironment/ Transcriptomic techniques; statistics	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Swati Sharma	https://www.scopus.com/pages/authors/55574195620	Department of Pathology	Kasturba Medical College, Manipal	Histopathology, Plant dyes/ Plant-Based Dyes in Medical Histopathology: A Valuable, Feasible, and Cost-Effective Approach to Tissue Diagnosis/ Plant-based dyes; histopathology; tissue staining; medical diagnosis; diagnostic accessibility; cost-effectiveness; sustainable healthcare/Medical laboratory techniques; Basic sciences; Basic botany	Health Sciences	ALLIED HEALTH: MEDICAL LABORATORY TECHNOLOGY	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Sarath S Nair	https://researcher.manipal.edu/en/persons/sarath-s-nair/	Radiotherapy	Kasturba Medical College, Manipal	Radiotherapy planning,Radiation physics,Radiation Dosimetry	Health Sciences	ALLIED HEALTH: MEDICAL RADIATION PHYSICS	PART TIME CANDIDATES ONLY
Dr. Shree Kripa	https://www.scopus.com/sources.uri?zone=TopNavBar&origin=searchbasic	Physiotherapy	Manipal College of Health Professions, Manipal	Research Area: Medical Physics – Artificial Intelligence and Adaptive Radiotherapy Research Topic: AI-assisted, uncertainty-aware patient selection and resource prioritization for adaptive radiotherapy. Keywords: Medical Physics, Adaptive Radiotherapy, Artificial Intelligence, Machine Learning, Uncertainty Quantification, CBCT, VMAT, Dose Accumulation, Treatment Planning, Clinical Decision Support. Domain Knowledge Requirements: Radiotherapy Physics, Medical Imaging, VMAT/IMRT Planning, CBCT and Image Registration, Dose Calculation, DVH Analysis, Adaptive Radiotherapy, Statistics, Machine Learning, AI Validation and Clinical Workflow.	Health Sciences	ALLIED HEALTH: MEDICAL RADIATION PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Shree Kripa	https://www.scopus.com/sources.uri?zone=TopNavBar&origin=searchbasic	Physiotherapy	Manipal College of Health Professions, Manipal	Research Area: Medical Physics – Adaptive Radiotherapy and Patient-Specific Dosimetry Research Topic: Patient-specific assessment of anatomical changes and their impact on the robustness of head and neck VMAT treatment plans. Keywords: VMAT, Head and Neck Cancer, Adaptive Radiotherapy, Dose Robustness, Anatomical Uncertainty, CBCT, Monte Carlo, Dose Accumulation, Patient-Specific Dosimetry. Domain Knowledge Requirements: Radiotherapy Physics, VMAT/IMRT Planning, CT/CBCT Imaging, Image Registration, Monte Carlo Dose Calculation, DVH Analysis, Radiation Dosimetry, Adaptive Radiotherapy, Uncertainty Analysis and Basic Statistics.	Health Sciences	ALLIED HEALTH: MEDICAL RADIATION PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Shree Kripa	https://www.scopus.com/sources.uri?zone=TopNavBar&origin=searchbasic	Physiotherapy	Manipal College of Health Professions, Manipal	Research Area: Medical Physics – VMAT Delivery and Patient-Specific Quality Assurance Research Topic: Plan-specific assessment of VMAT sensitivity to delivery errors and their clinical dosimetric impact. Keywords: VMAT, MLC Errors, Delivery Errors, PSQA, Error Sensitivity, Plan Complexity, Dosimetric Impact, Gamma Analysis, Risk Characterization, Monte Carlo. Domain Knowledge Requirements: Radiotherapy Physics, VMAT/IMRT Planning, LINAC and MLC Operation, Radiation Dosimetry, PSQA, Gamma Analysis, DVH Analysis, Monte Carlo Dose Calculation, Statistical Analysis and Risk Assessment.	Health Sciences	ALLIED HEALTH: MEDICAL RADIATION PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Sanjay Bharati	https://researcher.manipal.edu/en/persons/sanjay-bharati/	Nuclear Medicine	Manipal College of Health Professions, Manipal	Nuclear Medicine, Cancer Biology, Pharmaceutical development, Molecular dynamics	Health Sciences	ALLIED HEALTH: NUCLEAR MEDICINE	FULL TIME CANDIDATES ONLY
Dr. Sanjay Bharati	https://researcher.manipal.edu/en/persons/sanjay-bharati/	Nuclear Medicine	Manipal College of Health Professions, Manipal	Nuclear Medicine, Biotechnology, Molecular biology, Pharmacy, life sciences	Health Sciences	ALLIED HEALTH: NUCLEAR MEDICINE	FULL TIME CANDIDATES ONLY
Dr. Shivanand Bhushan	https://researcher.manipal.edu/en/persons/shivanand-bhushan/	Nuclear Medicine	Manipal College of Health Professions, Manipal	Radioisotopes handling , Radiation safety, laboratory nuclear medicine , Radiation emergency preparedness	Health Sciences	ALLIED HEALTH: NUCLEAR MEDICINE	FULL TIME / PART TIME CANDIDATES
Dr. Shivanand Bhushan	https://researcher.manipal.edu/en/persons/shivanand-bhushan/	Nuclear Medicine	Manipal College of Health Professions, Manipal	Anthropomorphic Phantoms , Nuclear Medicine quality control Phantoms , Biomedical device development, Nuclear Medicine Physics	Health Sciences	ALLIED HEALTH: NUCLEAR MEDICINE	FULL TIME / PART TIME CANDIDATES
Dr. Vinita Amrutraj Acharya	https://www.scopus.com/authid/detail.uri?authorid=57201693088	Occupational Therapy	Manipal College of Health Professions, Manipal	Psychosocial occupational therapy/Client centered practice/mental illness, qualitative research, capacity building/mental health occupational therapy background	Health Sciences	ALLIED HEALTH: OCCUPATIONAL THERAPY	FULL TIME CANDIDATES ONLY
Dr. Nagarajan T	https://researcher.manipal.edu/en/persons/nagarajan-t/	Optometry	Manipal College of Health Professions, Manipal	Optometry, Eye care, Visual Neuroscience	Health Sciences	ALLIED HEALTH: OPTOMETRY	FULL TIME CANDIDATES ONLY
Dr. Nagarajan T	https://researcher.manipal.edu/en/persons/nagarajan-t/	Optometry	Manipal College of Health Professions, Manipal	Optometry, Eye care, Visual Neuroscience	Health Sciences	ALLIED HEALTH: OPTOMETRY	FULL TIME CANDIDATES ONLY
Dr. Sulatha V Bhandary	https://researcher.manipal.edu/en/persons/sulatha-v-bhandary/	Ophthalmology	Kasturba Medical College, Manipal	low vision aids, utility of LVA, mobile unit, community screening and rehabilitation, optometry based LVA rehabilitation	Health Sciences	ALLIED HEALTH: OPTOMETRY	FULL TIME CANDIDATES ONLY
Dr. Sulatha V Bhandary	https://researcher.manipal.edu/en/persons/sulatha-v-bhandary/	Ophthalmology	Kasturba Medical College, Manipal	glaucoma screening, early diagnosis and treatment, community based population study, mobile unit , optometry	Health Sciences	ALLIED HEALTH: OPTOMETRY	FULL TIME CANDIDATES ONLY
Dr. Vinyas	https://www.scopus.com/authid/detail.uri?authorid=57219325134	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	3D-Printed Ocular and Orbital Implants, Finite Element Analysis, DOE, RSM, ANN	Health Sciences	ALLIED HEALTH: OPTOMETRY	FULL TIME / PART TIME CANDIDATES
Dr. Abraham Samuel Babu	https://researcher.manipal.edu/en/persons/abraham-samuel-babu/	Physiotherapy	Manipal College of Health Professions, Manipal	Cardiac Rehabilitation	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Bhagya R Navada	https://manipal.pure.elsevier.com/en/persons/bhagya-r-navada	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Virtual Reality (VR), Artificial Intelligence (AI), Physical Rehabilitation, Functional Recovery, Physiotherapy, Motion Tracking	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. Bhamini Krishna Rao	https://researcher.manipal.edu/en/persons/bhamini-k-rao/	Physiotherapy	Manipal College of Health Professions, Manipal	Pediatric physiotherapy, mixed method design , interest in technology	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Bhamini Krishna Rao	https://researcher.manipal.edu/en/persons/bhamini-k-rao/	Physiotherapy	Manipal College of Health Professions, Manipal	Pediatric and community physiotherapy, mixed method research	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. Bhamini Krishna Rao	https://researcher.manipal.edu/en/persons/bhamini-k-rao/	Physiotherapy	Manipal College of Health Professions, Manipal	Women's health /musculoskeletal physiotherapy, Mixed method research	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. G Arun Maiya	https://researcher.manipal.edu/en/persons/g-arun-maiya/	Administration	Manipal College of Health Professions, Manipal	Diabetic foot ulcer, Amputation prevention, Artificial intelligence, Risk assessment, Advocacy, Remote care	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Girish N	https://www.scopus.com/authid/detail.uri?authorid=56993475000	Physiotherapy	Manipal College of Health Professions, Manipal	Physiotherapy, Sarcopenia, Exergames, Aging research	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Girish N	https://www.scopus.com/authid/detail.uri?authorid=56993475000	Physiotherapy	Manipal College of Health Professions, Manipal	Physiotherapy; Geriatric rehabilitation; Frailty; Chair based exercises	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. John Solomon M	https://researcher.manipal.edu/en/persons/john-m-solomon/	Physiotherapy	Manipal College of Health Professions, Manipal	Physiotherapy, Rehabilitation, Implementation science, digital technologies	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Prabu Raja G	https://www.scopus.com/authid/detail.uri?authorid=57222128030	Exercise and Sports Sciences	Manipal College of Health Professions, Manipal	Sports injury Rehabilitation, Prevention and Performance enhancement	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Prateek Srivastava	https://researcher.manipal.edu/en/persons/prateek-srivastava/	Physiotherapy	Manipal College of Health Professions, Manipal	exercise physiology, masked hypertension, exercise-induced blood pressure response, workload-indexed systolic blood pressure, cardiorespiratory fitness, out-of-office blood pressure monitoring, cardiovascular risk screening, diagnostic-accuracy analysis, and biostatistics.	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	PART TIME CANDIDATES ONLY
Dr. Prateek Srivastava	https://researcher.manipal.edu/en/persons/prateek-srivastava/	Physiotherapy	Manipal College of Health Professions, Manipal	Adolescent health, school-based physical activity, obesity prevention, teacher-led interventions, behavioural theory, behaviour-change techniques, toolkit development, co-design, implementation science, mixed-methods research, process evaluation, stakeholder engagement, and school health promotion	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Prateek Srivastava	https://researcher.manipal.edu/en/persons/prateek-srivastava/	Physiotherapy	Manipal College of Health Professions, Manipal	Musculoskeletal fitness, exercise science, young adult health, college students, normative reference values, age- and sex-specific percentiles, muscular strength, muscular endurance, power, flexibility, functional performance, physical fitness assessment, anthropometry, cross-sectional research, epidemiology, biostatistics, quantile regression, and reference-curve development.	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Preetha Ramachandra Sarma	https://researcher.manipal.edu/en/persons/preetha-ramachandra/	Physiotherapy	Manipal College of Health Professions, Manipal	Women's health Physiotherapy/exercise intervention/ pregnancy/childbirth	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Preetha Ramachandra Sarma	https://researcher.manipal.edu/en/persons/preetha-ramachandra/	Physiotherapy	Manipal College of Health Professions, Manipal	Women's Health Physiotherapy/Exercise intervention/Hysterectomy	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Senthil Kumaran D	https://manipal.edu/soahs-manipal/departments/faculty/faculty-list/senthil-kumaran-d.html	Physiotherapy	Manipal College of Health Professions, Manipal	Research Area: Neurorehabilitation and Digital Health Technologies in Stroke Care Research Topic: Development and Evaluation of an Artificial Intelligence-Assisted Stroke Caregiver Empowerment Platform for Home-Based Rehabilitation Keywords: Stroke Rehabilitation, Artificial Intelligence, Digital Health, Caregiver Education, Home-Based Rehabilitation, Community Reintegration, Caregiver Support Systems Domain Knowledge Requirements: Clinical and Rehabilitation Knowledge, Technology and AI Knowledge, Research Methodology, Statistical Knowledge	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. Sivakumar G	https://researcher.manipal.edu/en/persons/sivakumar-g/	Physiology	Kasturba Medical College, Manipal	Nerebral palsy, pediatric neurorehabilitation, medical devices, technology	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. Sivakumar G	https://researcher.manipal.edu/en/persons/sivakumar-g/	Physiology	Kasturba Medical College, Manipal	Cerebral palsy, motor control, rehabilitation , brain injury	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES
Dr. Vaishali	https://researcher.manipal.edu/en/persons/vaishali-k/publications/	Physiotherapy	Manipal College of Health Professions, Manipal	Non communicable diseases, modifiable risk factors, physical activity, adolescents	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vaishali	https://researcher.manipal.edu/en/persons/vaishali-k/publications/	Physiotherapy	Manipal College of Health Professions, Manipal	Adolescents; Movement breaks; Sedentary behaviour; Physical fitness; Physiotherapy; NCD prevention	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vaishali	https://researcher.manipal.edu/en/persons/vaishali-k/publications/	Physiotherapy	Manipal College of Health Professions, Manipal	Adolescents; School food environment; Healthy eating; Dietary behaviour; Non-communicable disease prevention.	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vijay Pratap Singh	https://www.scopus.com/authid/detail.uri?authorid=55655933300	Physiotherapy	Manipal College of Health Professions (MCHP), Mangaluru	Exercise, depression, physiological effects, inflammation, depression	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vijaya Kumar K	https://www.scopus.com/authid/detail.uri?authorid=55676491400	Physiotherapy	Manipal College of Health Professions (MCHP), Mangaluru	cancer rehabilitation, sleep health, insomnia, exercise	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vijaya Kumar K	https://www.scopus.com/authid/detail.uri?authorid=55676491400	Physiotherapy	Manipal College of Health Professions (MCHP), Mangaluru	stroke rehabilitation, sleep health, sleep-disordered breathing, insomnia, functional recovery	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Vijaya Kumar K	https://www.scopus.com/authid/detail.uri?authorid=55676491400	Physiotherapy	Manipal College of Health Professions (MCHP), Mangaluru	head and neck cancer, manual therapy, physiotherapy, cancer rehabilitation	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME CANDIDATES ONLY
Dr. Mohandas Rao KG	https://researcher.manipal.edu/en/persons/mohandas-k-g-rao/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Work-related musculoskeletal disorders; Anatomy professionals; Ergonomics; Occupational health; Musculoskeletal health	Health Sciences	ALLIED HEALTH: PHYSIOTHERAPY	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Archana G	https://www.scopus.com/authid/detail.uri?authorid=57203866746	Speech and Hearing	Manipal College of Health Professions, Manipal	Speech and Hearing/Audiology/Hypereacusis/MSC audiology or MASLP or MSC Speech	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME / PART TIME CANDIDATES
Dr. Dhanshree Rajesh Gunjawate	https://www.scopus.com/authid/detail.uri?authorid=56485965300	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Audiology and Speech Language Pathology	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME / PART TIME CANDIDATES
Dr. Gopee Krishnan	https://www.scopus.com/authid/detail.uri?authorid=26634115200	Speech and Hearing	Manipal College of Health Professions, Manipal	Aphasia, Quality of Life, Assessment, Intervention, Qualitative Research	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Gopee Krishnan	https://www.scopus.com/authid/detail.uri?authorid=26634115200	Speech and Hearing	Manipal College of Health Professions, Manipal	Reading, Dyslexia, Orthography	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Kaushlendra Kumar	https://researcher.manipal.edu/en/persons/kaushlendra-kumar/	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Audiology, cognition and vestibular assessment	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Preetie Shetty A	https://www.scopus.com/authid/detail.uri?authorid=57279052700	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Neurodevelopmental disorders, neurological rehabilitation, communication sciences, Neurologic Music Therapy	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Radish Kumar B	https://www.scopus.com/authid/detail.uri?authorid=35755395700	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Dysphagia in Head and Neck Cancer patients	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Rohit Ravi	https://www.scopus.com/authid/detail.uri?authorid=56485347500	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Audiology, Cochlear Implants	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME / PART TIME CANDIDATES
Dr. Rohit Ravi	https://www.scopus.com/authid/detail.uri?authorid=56485347500	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Pediatric Audiology	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME / PART TIME CANDIDATES
Dr. Shivani Tiwari	https://www.scopus.com/authid/detail.uri?authorid=26634550600	Speech and Hearing	Manipal College of Health Professions, Manipal	Bilingualism, language development in children, speech language pathology	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Sunila John	https://researcher.manipal.edu/en/persons/sunila-john/	Speech and Hearing	Manipal College of Health Professions, Manipal	Speech-Language Pathology; Communication; Traumatic Brain Injury; Rehabilitation	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Usha Shastri	https://manipal.pure.elsevier.com/en/persons/usha-shastri	Audiology and Speech Language Pathology	Manipal College of Health Professions (MCHP), Mangaluru	Diagnostic audiology; Aural rehabilitation	Health Sciences	ALLIED HEALTH: SPEECH AND HEARING	FULL TIME CANDIDATES ONLY
Dr. Ananthakrishna T	http://aem-prod-lb-2.centralindia.cloudapp.azure.com/mit/departement-faculty/faculty-list/ananthakrishna-t.html	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Machine Learning, EEG signals, Bhramari Pranayama, Cognitive functions.	Health Sciences	AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY	FULL TIME CANDIDATES ONLY
Dr. Neetinakumar J Patil	https://www.manipal.edu/cimr/departement-faculty/faculty-list/dr--neetinakumar-j-patil0/_jcr_content.html	Centre for Integrative Medicine and Research(Yoga)	Division of Yoga, Manipal	Yoga; Pranayama; Meditation; PCOD; Women; Integrative Medicine: Preksha Dhyana; PMOS	Health Sciences	AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY	FULL TIME CANDIDATES ONLY
Dr. Neetinakumar J Patil	https://www.manipal.edu/cimr/departement-faculty/faculty-list/dr--neetinakumar-j-patil0/_jcr_content.html	Centre for Integrative Medicine and Research(Yoga)	Division of Yoga, Manipal	Yoga; Ayurveda; Meditation; Pranayama; PCOD; PMOS	Health Sciences	AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY	FULL TIME CANDIDATES ONLY
Dr. Arul Amuthan L	https://researcher.manipal.edu/en/persons/arul-amuthan-l/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Siddha, Varmatherapy, Sinusitis, Integrative Medicine	Health Sciences	AYURVEDA, YOGA AND NATUROPATHY, UNANI, SIDDHA AND HOMEOPATHY	FULL TIME CANDIDATES ONLY
Dr. Anil Kumar M N	https://researcher.manipal.edu/en/persons/anil-kumar-m-n/publications/	Psychiatry	Kasturba Medical College, Mangalore	suicide, self harm, transdiagnostic, VR based therapy, distress tolerance, self-compassion	Health Sciences	CLINICAL PSYCHOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Nithin Kumar	https://www.scopus.com/authid/detail.uri?authorid=36678889900	Community Medicine	Kasturba Medical College, Mangalore	Primary Research Area: Clinical and Community Mental Health Domain knowledge: Clinical Psychology, caregiver mental health, chronic illness and psychological interventions, research methodology, biostatistics and intervention evaluation.	Health Sciences	CLINICAL PSYCHOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Umesh Thonse	https://www.scopus.com/authid/detail.uri?authorid=57200552551	Psychiatry	Kasturba Medical College, Manipal	Keywords: Social Cognition, Emotion Recognition, Schizophrenia, Affect Recognition, Training of Affect Recognition. Domain Knowledge Requirements: Mphil in Clinical Psychology/Mphil in Psychiatric Social Work and should know Kannada reading and writing.	Health Sciences	CLINICAL PSYCHOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Gururaj Bolar	https://www.scopus.com/authid/detail.uri?authorid=57194114093	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Healthcare solutions, Dental implants, Coatings, Surface engineering, Sustainable materials processing	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Lakshmi P	https://www.scopus.com/authid/detail.uri?authorid=56195308900	Periodontology	Manipal College of Dental Sciences, Manipal	Periodontitis; Metabolic risk; Risk assessment; Risk stratification; Multidimensional determinants; Social determinants of health; Precision epidemiology; Community screening.	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Lakshmi P	https://www.scopus.com/authid/detail.uri?authorid=56195308900	Periodontology	Manipal College of Dental Sciences, Manipal	Periodontal disease; epidemiology; systemic associations; dental education; ergonomics; musculoskeletal disorders; public health; chronic inflammation; curriculum assessment; occupational health.	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Shah Mohammed Abdul Khader	https://www.scopus.com/authid/detail.uri?authorid=36806042700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Maxillofacial Implants, Patient-Specific Modelling, CT/CBCT, CAD/CAE, Implant Design, Biomechanical Optimisation, Medical Imaging, AI/ML	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Spoothi Singh	https://researcher.manipal.edu/en/persons/dr-spoothi-singh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Dentistry: Dental anatomy, oral pathology, dental caries, periodontal diseases and clinical diagnosis Dental Imaging: Intraoral photography, radiographs, CBCT and 3D intraoral scanning AI & Image Processing: Python, OpenCV, CNNs, Transformers, segmentation and classification 3D Vision: 3D reconstruction, point-cloud processing and image registration Clinical Research: Dataset preparation, annotation, statistical analysis and clinical validation Robotics Awareness: Basic understanding of robotic imaging, sensors and robot-assisted intraoral scanning; detailed robot development can be handled by the B.Tech robotics student.	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Vidya Saraswathi M	https://researcher.manipal.edu/en/persons/vidya-m-saraswathi/	Conservative Dentistry and Endodontics	Manipal College of Dental Sciences, Manipal	1.Endodontics 2.Local Anaesthesia 3.Mega 4.Artificial Intelligence 5.Pain Management	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. KARUNA Y. M.	https://www.scopus.com/authid/detail.uri?authorid=56565413900	Paedodontics and Preventive Dentistry	Manipal College of Dental Sciences, Mangalore	Pediatric dentistry, Early childhood caries, Oral health, Preventive dentistry	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Arathi Rao	https://researcher.manipal.edu/en/persons/arathi-rao	Administration	Manipal College of Dental Sciences, Mangalore	Material Science, Preventive Dentistry, Restorative Dentistry	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Junaïd Ahmed	https://researcher.manipal.edu/en/persons/junaïd-ahmed	Administration	Manipal College of Dental Sciences, Mangalore	1.Temporomandibular Joint (TMJ) 2.Eondylar Morphology 3.Dentulism 4.Bone Beam CT (CBCT) 5.Occlusal Biomechanics	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Junaïd Ahmed	https://researcher.manipal.edu/en/persons/junaïd-ahmed	Administration	Manipal College of Dental Sciences, Mangalore	Temporomandibular joint disorders; Artificial intelligence; Machine learning; Panoramic radiography; Large language models	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Supriya Nambiar M K	https://www.scopus.com/authid/detail.uri?authorid=57190390731	Orthodontics and Dentofacial Orthopedics	Manipal College of Dental Sciences, Mangalore	Orthodontics , Paediatric Mouth breathing , Quality of life ,Craniofacial development , well being	Health Sciences	DENTISTRY	PART TIME CANDIDATES ONLY
Dr. Praveen Jodalli	https://researcher.manipal.edu/en/persons/praveen-jodalli/	Public Health Dentistry	Manipal College of Dental Sciences, Mangalore	research , research methodology,competency based, validation, dental students, framework	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Ramya Shenoy Kudpi	https://researcher.manipal.edu/en/persons/ramya-shenoy	Public Health Dentistry	Manipal College of Dental Sciences, Mangalore	Geriatrics, dental care, older adults, accessibility	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Prashanthi S Madhyastha	https://researcher.manipal.edu/en/persons/prashanthi-s-madhyastha/	Dental Materials	Manipal College of Dental Sciences, Mangalore	Dental Materials, Tissue engineering, Nani-biomaterials, Hydrogels, Guided tissue regeneration, Periodontal	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Prashanthi S Madhyastha	https://researcher.manipal.edu/en/persons/prashanthi-s-madhyastha/	Dental Materials	Manipal College of Dental Sciences, Mangalore	Dental Materials, Tissue engineering, Nano-biomaterials, Hydrogels, Guided tissue regeneration, Periodontal	Health Sciences	DENTISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Akshatha Ganesh Nayak	https://www.scopus.com/authid/detail.uri?authorid=57192187901	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Research area: Toxicology Research topic: alterations in neurotransmitters Key words: Snake venom, Andrographis paniculata, antivenom, adjunct therapy Domain knowledge requirement: candidate should be master in either biochemistry or pharmacology or toxicology and willing to do animal experiments	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Anjali Suneel Mundkur	https://www.scopus.com/authid/detail.uri?authorid=56405476600	Reproductive Medicine and Surgery	Kasturba Medical College, Manipal	infertility/Polyendocrine Metabolic Ovarian Syndrome (PMOS)/Oocyte Bioenergetics; Follicular Fluid; Metabolomics; Lactate-Pyruvate Shuttle; Triglyceride-to-HDL ratio; In Vitro Fertilization (IVF)/biochemistry, embryology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Arvind Kumar Pandey	https://researcher.manipal.edu/en/persons/arvind-kumar-pandey/	Anatomy	Kasturba Medical College, Manipal	Human Anatomy, Microbiology ,Forensic, Research Methodology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Arvind Kumar Pandey	https://researcher.manipal.edu/en/persons/arvind-kumar-pandey/	Anatomy	Kasturba Medical College, Manipal	Human Anatomy, Histopathology, Toxicology, Basic Medical Sciences	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Ashwini Aithal P	https://www.scopus.com/authid/detail.uri?authorid=57220931291	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Human Anatomy, deep cervical fascia, fascial spaces	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Bincy M George	https://researcher.manipal.edu/en/persons/bincy-m-george/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Anatomy Iliotibial band , iliotibial band syndrome, deep fascia modifications. Knee Joint Stability,Fascial Anatomy	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Bincy M George	https://researcher.manipal.edu/en/persons/bincy-m-george/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Fascia lata, Crural fascia, Ultrasonography, Immunohistochemistry, Fascial pain.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Chandni Gupta	https://www.scopus.com/authid/detail.uri?authorid=36698825000	Anatomy	Kasturba Medical College, Manipal	Subcortical and Neocortical Structures, MRI, Alzheimer's, Parkinson's, and Schizophrenia.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Gayathri S Prabhu	https://researcher.manipal.edu/en/persons/gayathri-s-prabhu/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Atherosclerosis, Cognition, Hippocampus, Diets	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Jeffrey Pradeep Raj	https://www.scopus.com/authid/detail.uri?authorid=7006534548	Pharmacology	Kasturba Medical College, Manipal	Keywords: Nutraceuticals; Natural Products; Clinical Trials; Randomized Controlled Trials; Clinical Pharmacology; Evidence-Based Medicine Domain Knowledge Requirements: Basic knowledge of clinical research methodology, and pharmacology.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jeffrey Pradeep Raj	https://www.scopus.com/authid/detail.uri?authorid=7006534548	Pharmacology	Kasturba Medical College, Manipal	Research Area: Clinical Pharmacology, Pharmacometrics and Precision Medicine Keywords: Population Pharmacokinetics; Oncology; Precision Medicine; Pharmacometrics; Pharmacokinetic Variability; PK-PD; Pharmacogenetics Domain Knowledge Requirements: Pharmacology, pharmacokinetics, and clinical research methodology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Mamatha H	https://researcher.manipal.edu/en/persons/mamatha-hosapatna/	Anatomy	Kasturba Medical College, Manipal	Neuroanatomy ,radiology , anatomy dissection Histology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Manjula S D	https://manipal.edu/kmc-manipal/department-faculty/faculty-list/manjula-s-d.html	Physiology	Kasturba Medical College, Manipal	Fluoxetine, Mucuna pruriens, testicular abnormality, histopathology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Manjula S D	https://manipal.edu/kmc-manipal/department-faculty/faculty-list/manjula-s-d.html	Physiology	Kasturba Medical College, Manipal	Autonomic function test, Premenstrual syndrome, asana and pranayama , inflammatory markers	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Manjula S D	https://manipal.edu/kmc-manipal/department-faculty/faculty-list/manjula-s-d.html	Physiology	Kasturba Medical College, Manipal	Parkinsons disease, VCO, Ganoderma , neuroprotective effect	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Murali T S	https://www.scopus.com/authid/detail.uri?authorid=7004135103	Public Health & Genomics	Manipal School of Life Sciences, Manipal	Microbiology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Nayanatara Arunkumar	https://www.scopus.com/authid/detail.uri?authorid=56460062200	Physiology	Kasturba Medical College, Mangalore	Research Area: Neuroscience / Experimental Autism and Neuroprotection Keywords: Autism Spectrum Disorder, Experimental Autism, Neuroprotection, Zinc, Vitamin E, Magnesium, Neuroinflammation Research Topic: Multi-Targeted Neuroprotection by Zinc, Vitamin E, and Magnesium in a Valproate-Induced Rat Model of Autism Spectrum Disorder: An Integrated Study of Neuroinflammation, Oxidative Stress, Mitochondrial Dysfunction, Synaptic Plasticity, and Apoptosis	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Raviraj Shetty	https://www.scopus.com/authid/detail.uri?authorid=23470945300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Additive Manufacturing, Biomedical Applications, Medical implants, Medical device, Mechanical Performance	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Souvik Chaudhuri	https://researcher.manipal.edu/en/persons/souvik-chaudhuri/	Critical Care	Kasturba Medical College, Manipal	Clinical Biochemistry	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Souvik Chaudhuri	https://researcher.manipal.edu/en/persons/souvik-chaudhuri/	Critical Care	Kasturba Medical College, Manipal	Clinical Biochemistry	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Sunil R	https://www.scopus.com/authid/detail.uri?authorid=57226776464	Critical Care	Kasturba Medical College, Manipal	Critical care physiology, Hemodynamic monitoring, Oxygen cascade, Mortality prediction	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Swarupa Panda	https://www.scopus.com/authid/detail.uri?authorid=56911766300	Ageing Research	Manipal School of Life Sciences, Manipal	RESEARCH AREA: Cancer Biology; Tumor Metabolism; Cell Death Mechanisms; Redox Biology RESEARCH TOPIC: Role of SLC7A9-mediated cystine metabolism in metabolic adaptation, redox homeostasis and ferroptosis vulnerability in hepatocellular carcinoma. KEYWORDS: Hepatocellular Carcinoma, SLC7A9, Ferroptosis, Cystine Metabolism, Tumor Metabolism, Redox Homeostasis, Glutathione Metabolism, Lipid Peroxidation, Oxidative Stress, Cancer Therapeutics DOMAIN KNOWLEDGE REQUIREMENTS: Cancer Biology, Cell Biology, Molecular Biology, Biochemistry, Tumor Metabolism, Regulated Cell Death, Redox Biology, Gene Expression Analysis, and basic knowledge of cellular and molecular techniques.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Swarupa Panda	https://www.scopus.com/authid/detail.uri?authorid=56911766300	Ageing Research	Manipal School of Life Sciences, Manipal	RESEARCH AREA: Cell Biology; Ferroptosis and Regulated Cell Death; Inflammation; Organelle Biology; Redox Biology RESEARCH TOPIC: Role of peroxisomal dysfunction and the peroxisome–ubiquitin axis in regulating ferroptosis under inflammatory stress, with a focus on CEACAM1-mediated peroxisomal function and lipid metabolism. KEYWORDS: Ferroptosis, Peroxisomes, Peroxisomal Dysfunction, Ubiquitin, Peroxisome-Ubiquitin Axis, , Inflammation, Oxidative Stress, Lipid Metabolism, Ether Lipids, Lipid Peroxidation, Infection DOMAIN KNOWLEDGE REQUIREMENTS: Cell Biology, Molecular Biology, Biochemistry, Ferroptosis and Regulated Cell Death, Inflammation Biology, Organelle Biology, Redox Biology, Lipid Metabolism, Ubiquitin Biology and Protein Homeostasis, with basic knowledge of in vitro and in vivo experimental models, lipidomics and proteomics	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Vishu Kumar	https://www.scopus.com/authid/detail.uri?authorid=26025585900	Biochemistry	Kasturba Medical College, Manipal	Medical Mycology, Immunotherapy, Cryptococcal meningitis To execute this study, we are looking for candidates (a) with M.Sc. in immunology, biotechnology, microbiology, (b) preferably having 1-2 experience in basic research, (c) prior experience in animal handling and experimentation (specifically mice), and (d) having flair toward medical mycology, invasive mycoses and immunotherapy.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Y Lakshmisha Rao	https://www.scopus.com/authid/detail.uri?authorid=57211186929	Anatomy	Kasturba Medical College, Mangalore	Neurodegeneration, Mild Cognitive Impairment, Antioxidant, Resveratrol	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Umesh Kumar Yadav	https://www.scopus.com/authid/detail.uri?authorid=57763291000	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Biomedical Artificial Intelligence; Medical Image Processing; Computer Vision in Healthcare; Biomedical Signal Processing; Digital Twins in Healthcare; Computational Biomechanics; Gait and Human-Motion Analysis; Rehabilitation Engineering; Biomedical Control Systems; Assistive Robotics; Human-Robot Interaction; Wearable and Intelligent Healthcare Systems.	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Santhosha Devadiga	https://researcher.manipal.edu/en/persons/santhosha-devadiga/	Virus Research	Manipal Institute of Virology, Manipal	Virology/Immunotherapeutics/ Molecular Biology/ bioinformatics/cell biology	Health Sciences	HEALTH SCIENCE: BASIC MEDICAL SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Kapil Sadani	https://researcher.manipal.edu/en/persons/kapil-sadani/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Microbiology, Antimicrobial Resistance, Alternative Dignostics, Biosensors, Microscopy	Health Sciences	HEALTH SCIENCE: COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Piya Paul Mudgal	https://www.scopus.com/authid/detail.uri?authorid=5620799500	Virus Research	Manipal Institute of Virology, Manipal	Dengue and Emerging Viral Diseases/Dengue Pathogenesis, Diagnostics and Therapeutic Discovery/Dengue Virus; Viral Pathogenesis; Host-Virus Interactions; Molecular Diagnostics; Antiviral Therapeutics/Molecular Virology; Immunology; Genomics; Transcriptomics; Proteomics; Bioinformatics; Infectious Disease Research	Health Sciences	HEALTH SCIENCE: COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Piya Paul Mudgal	https://www.scopus.com/authid/detail.uri?authorid=5620799500	Virus Research	Manipal Institute of Virology, Manipal	Dengue Virus; Viral Pathogenesis; Host-Virus Interactions; Molecular Diagnostics; Antiviral Therapeutics	Health Sciences	HEALTH SCIENCE: COMMUNICABLE DISEASES	PART TIME CANDIDATES ONLY
Dr. Sreekanth Gopinathan Pillai	https://researcher.manipal.edu/en/persons/sreekanth-gopinathan-pillai/	Virus Research	Manipal Institute of Virology, Manipal	Virology/Antiviral Development/Host-virus interactions/Epstein-Barr Virus	Health Sciences	HEALTH SCIENCE: COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Suchitra Shenoy Mala	https://manipal.edu/kmc-mangalore/departement-faculty/faculty-list/suchitra-shenoy-m.html	Microbiology	Kasturba Medical College, Mangalore	Urosepsis/ virulence profile/ molecular biology/ antimicrobial resistance/ uncomplicated uti	Health Sciences	HEALTH SCIENCE: COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Jarina Begum	http://www.scopus.com/inward/authorDetails.uri?authorID=56689688500&partnerID=MN8TOARS	Community Medicine	Manipal-TATA Medical College, Jamshedpur	Entrustable professional activities; competency-based medical education; skill competencies; entrustment; workplace-based assessment; undergraduate medical education.	Health Sciences	HEALTH SCIENCE: EDUCATION	FULL TIME CANDIDATES ONLY
Dr. Manish Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57205511476	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Wearable Antenna; Biomedical Antenna; Flexible Antenna; Wireless Body Area Network (WBAN); Health Monitoring; Biomedical Sensors; Human-Body Communication; DGS; Metamaterial; Metasurface; SAR; IoT Healthcare; Remote Patient Monitoring; 5G/6G Communication.	Health Sciences	HEALTH SCIENCE: EDUCATION	FULL TIME / PART TIME CANDIDATES
Dr. Swati Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57605006900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Flexible Antenna, Wearable Sensors, Microwave Sensing, Health Monitoring, Biomedical Applications, Non-invasive Monitoring, Antenna-Tissue Interaction	Health Sciences	HEALTH SCIENCE: EDUCATION	FULL TIME / PART TIME CANDIDATES
Dr. Varalakshmi Chandrasekaran	https://researcher.manipal.edu/en/persons/varalakshmi-chandrasekaran/	Health Policy	Prasanna School of Public Health, Manipal	School Counselling, Student Support Services, Special Education, Student Outcomes, Mixed-Methods Research	Health Sciences	HEALTH SCIENCE: EDUCATION	PART TIME CANDIDATES ONLY
Dr. Veena Nayak	https://www.scopus.com/authid/detail.uri?authorid=24366888200	Pharmacology	Kasturba Medical College, Manipal	Medical education, mentorship, medical students, acceptability, training	Health Sciences	HEALTH SCIENCE: EDUCATION	FULL TIME / PART TIME CANDIDATES
Dr. Vijetha Shenoy Belle	https://www.scopus.com/authid/detail.uri?authorid=36660371200	Biochemistry	Kasturba Medical College, Manipal	Attitude Ethics and Communication, Medical Education, Innovation in Education, Medical Education Research, Curriculum development	Health Sciences	HEALTH SCIENCE: EDUCATION	PART TIME CANDIDATES ONLY
Dr. Misri Z K	https://manipal.edu/kmc-mangalore/departement-faculty/faculty-list/misri-z-k-1.html	Neurology	Kasturba Medical College, Mangalore	Neurological Disorders and Rehabilitation; Neurodevelopment; Speech-Language Pathology; Cognitive-Communication; Neurorehabilitation	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Pavan Kumar Agrawal	https://researcher.manipal.edu/en/persons/pavan-kumar-agrawal	Anatomy	Kasturba Medical College, Manipal	Neuroscience, Drosophila, Behavior, Genetics, Genomics	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Pavan Kumar Agrawal	https://researcher.manipal.edu/en/persons/pavan-kumar-agrawal	Anatomy	Kasturba Medical College, Manipal	Neuroscience, Molecular Biology, Drosophila, Behavior, Gene expression	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Sivakumar G	https://researcher.manipal.edu/en/persons/sivakumar-g/	Physiology	Kasturba Medical College, Manipal	Stroke, ischemic brain injury, injury;neuroprotection; prophylactic therapeutic strategies, preclinical study;	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Suhas M V	https://www.scopus.com/authid/detail.uri?authorid=57193575351	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Healthy Ageing, Cognitive Health, Digital Health, Epidemiology, Neuroscience and Health Data Analytics Research Topics: Identification of biomarkers associated with cognitive decline Differentiation of healthy ageing and pathological cognitive decline Longitudinal analysis of cognitive and health-related measurements Integration of cognitive assessments and neuroimaging indicators Explainable models for health-risk assessment Keywords: Healthy ageing, cognitive decline, digital biomarkers, cognitive assessment, dementia, longitudinal health data, risk prediction, neuroimaging, health data analytics Domain Knowledge Requirements Background in health sciences, allied health sciences, neuroscience, nursing, occupational therapy, or a related discipline Basic understanding of human health, ageing, or cognitive assessment Basic knowledge of research methodology and statistics Interest in health-data analysis and evidence-based research Familiarity with statistical software	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Prathibha Maria D' Almeida	https://researcher.manipal.edu/en/persons/prathibha-maria-d-almeida/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Neuroscience/ Neurophysiology/ Neuropharmacology/Herbal Therapeutics/ Behavioral Neuroscience. Keywords: chronic stress, Hippocampus, Neurodegeneration, Herbal medicine, Neuroprotection, Oxidative stress, Cognitive function	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Rakesh Kumar	https://scholar.google.com/citations?user=iY1m7sAAAAI&hl=en	Department of Anatomy	Kasturba Medical College, Manipal	R programming language, Bioinformatics, tissue sectioning and Immunohistochemistry, Imaging, Transcriptome and proteome analysis	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Rakesh Kumar	https://scholar.google.com/citations?user=iY1m7sAAAAI&hl=en	Department of Anatomy	Kasturba Medical College, Manipal	Animal handling, surgery and behavior testing, Histology, microscopy, qPCR, manuscript writing, Knowledge of Bioinformatics and R-Programming	Health Sciences	HEALTH SCIENCE: NEUROSCIENCE	FULL TIME CANDIDATES ONLY
Dr. Anju Shukla	https://researcher.manipal.edu/en/persons/anju-shukla/	Medical Genetics	Kasturba Medical College, Manipal	Human genetics, rare genetic disorders, bioinformatics, multi-omics	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Anju Shukla	https://researcher.manipal.edu/en/persons/anju-shukla/	Medical Genetics	Kasturba Medical College, Manipal	Human genetics, rare genetic disorders, bioinformatics, multi-omics, pediatric neurodegenerative disorders	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Eshwari K	https://researcher.manipal.edu/en/persons/eshwari-k/	Community Medicine	Kasturba Medical College, Manipal	Mental health, literacy, empowerment, children, stakeholders	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Ganesh P	https://researcher.manipal.edu/en/persons/ganesh-paramasivam/	Cardiology	Kasturba Medical College, Manipal	Research area: Artificial intelligence in healthcare/cardiology. Key words: Artificial intelligence (AI), deep learning, medical imaging, coronary artery disease, cardiovascular disorder. Domain knowledge requirements desirable from the PhD applicant: Python programming, Deep learning basics, Data science basics, Medical imaging understanding (optional).	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Ganesh P	https://researcher.manipal.edu/en/persons/ganesh-paramasivam/	Cardiology	Kasturba Medical College, Manipal	Research area: Artificial intelligence in healthcare/cardiology. Key words: Artificial intelligence (AI), deep learning, medical imaging, coronary artery disease, cardiovascular disorder. Domain knowledge requirements desirable from the PhD applicant: Python programming, Deep learning basics, Data science basics, Medical imaging understanding (optional).	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Jarina Begum	http://www.scopus.com/inward/authorDetails.url?authorID=56689688500&partnerID=Mt8TOARS	Community Medicine	Manipal-TATA Medical College, Jamshepur	Tribal women; cervical cancer; breast cancer; cancer screening; KAP; health-seeking behaviour; socio-cultural barriers	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Koushik H	https://www.scopus.com/authorid/detail.uri?authorid=57201362097	Paediatrics	Kasturba Medical College, Manipal	health science, pediatrics, diabetes mellitus, childhood diabetes, type 2 diabets mellitus	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Muddukrishna B S	https://researcher.manipal.edu/en/persons/muddukrishna-badamane-sathanarayana/	Pharma Quality Assurance	Manipal College of Pharmaceutical Sciences, Manipal	Material science; Pharmaceutical Cocrystals; Nanocrystals; Anticancer Drugs; Solubility Enhancement; Oral Bioavailability	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Pratibha Todur	https://researcher.manipal.edu/en/persons/pratibha-todur/	Respiratory Therapy	Manipal College of Health Professions, Manipal	Mechanical ventilation, respiratory care, biomarkers	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Ramesh Holla	https://www.scopus.com/authorid/detail.uri?authorid=55270371800	Community Medicine	Kasturba Medical College, Mangalore	AI in public Health, Non Communicable Disease, Hospital based study, Public Health, Implementation Research	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Sanjay Kini B	https://www.scopus.com/authorid/detail.uri?authorid=57189257471	Community Medicine	Kasturba Medical College, Manipal	Adolescent mental health/translational research/public health research	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Shiran Shetty	https://www.scopus.com/authorid/detail.uri?authorid=51665958000	Gastroenterology	Kasturba Medical College, Manipal	Artificial Intelligence, Machine Learning, Medical image Analysis, Gastroenterology, Pharmacy	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Shiran Shetty	https://www.scopus.com/authorid/detail.uri?authorid=51665958000	Gastroenterology	Kasturba Medical College, Manipal	Acute-on-Chronic Liver Failure (ACLF), Acute Kidney Injury, Ascites, Hepatology, Pharmacy	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Shiran Shetty	https://www.scopus.com/authorid/detail.uri?authorid=51665958000	Gastroenterology	Kasturba Medical College, Manipal	Ulcerative Colitis, Fecal Calprotectin, Psychological Distress, Gastroenterology, Pharmacy	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Sridevi H B	https://researcher.manipal.edu/en/persons/sridevi-h-b/	Pathology	Kasturba Medical College, Mangalore	Hematopathology/ Acute Leukemia/Key words: Acute Leukemia; Targeted therapy; Diagnostics; Proteogenomics; Immunophenotyping by Flow Cytometry	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Sridevi H B	https://researcher.manipal.edu/en/persons/sridevi-h-b/	Pathology	Kasturba Medical College, Mangalore	Hematopathology/ Cytokine Profiling/ Key words: Cytokines; Precision Medicine; Diagnostics; Immunophenotyping by Flow Cytometry	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME CANDIDATES ONLY
Dr. Syed Irfan Ali	https://www.scopus.com/authorid/detail.uri?authorid=56688953400	Community Medicine	Manipal-TATA Medical College, Jamshepur	Non Communicable Disease, treatment adherence, diabetes, hypertension, scale development, mixed-methods research, rural health.	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Ravindra Swamy	https://www.scopus.com/authorid/detail.uri?authorid=55440943900	Division of Anatomy	Department of Basic Medical Sciences, Manipal	Skeletal fluorosis treatment by plant medicines, fluorosis, bone deformity, osteoporosis, osteosclerosis, reactive oxygen species, alkaloids.	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Poornima Ajay Manjrekar	https://researcher.manipal.edu/en/persons/poornima-a-manjrekar/	Biochemistry	Kasturba Medical College, Mangalore	Diabetes Mellitus/Phenotypes of diabetes/Complications, subcellular signatures/organ specific changes/ Basic knowledge of Biochemistry and laboratory techniques	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Poornima Ajay Manjrekar	https://researcher.manipal.edu/en/persons/poornima-a-manjrekar/	Biochemistry	Kasturba Medical College, Mangalore	Type 2 Diabetes Mellitus/Lipidomics/ Family history of Diabetes, Natural progression of diabetes, Lipid abnormalities, cluster analysis/Biochemistry knowledge, Able to handle computer applications, Wet lab techniques	Health Sciences	HEALTH SCIENCE: NON-COMMUNICABLE DISEASES	FULL TIME / PART TIME CANDIDATES
Dr. Arathi P Rao	https://www.scopus.com/authorid/detail.uri?authorid=57192835733	Health Policy	Prasanna School of Public Health, Manipal	Public Health/Risk related content in Digital health communication/Behavioral risk, Health communications, Digital Health, Risk Content, Epidemiology/MPH, Monitoring and Evaluation, Risk assessment, qualitative and quantitative research methods	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Arathi P Rao	https://www.scopus.com/authorid/detail.uri?authorid=57192835733	Health Policy	Prasanna School of Public Health, Manipal	Public Health/ Mental Health/ Mental health issues, Coping strategies, Co-designing, Undergraduate Students/Mental Health, Master of Public Health Degree	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Brayal Carry D'Souza	https://www.scopus.com/authid/detail.uri?authorid=57196354064	Department of Healthcare & Hospital Management	Prasanna School of Public Health, Manipal	Health Care Quality	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Divya Arvind Prabhu	https://www.scopus.com/authid/detail.uri?authorid=57202121166	Community Medicine	Kasturba Medical College, Manipal	research topic:Hybrid Stroke Support Intervention to Improve Health Seeking Behaviour and Stroke Outcomes in Coastal Karnataka Keywords: Stroke; stroke support intervention; health seeking behaviour; stroke outcomes; randomised control trial	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Jarina Begum	http://www.scopus.com/inward/authorDetails.uri?authorid=566896885500&partnerid=MN8TOARS	Community Medicine	Manipal-TATA Medical College, Jamshepur	Tribal adolescents; mental well-being; resilience; peer support; connectedness; implementation research.	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Mithun . .	https://www.scopus.com/authid/detail.uri?authorid=57145799600	Department of Community Medicine	Kasturba Medical College, Mangalore	School health, Non communicable disease, Machine learning, ultra processed food, cardiometabolic	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Mithun . .	https://www.scopus.com/authid/detail.uri?authorid=57145799600	Department of Community Medicine	Kasturba Medical College, Mangalore	Maternal health, child health, machine learning, nutrition, pregnancy	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Mithun . .	https://www.scopus.com/authid/detail.uri?authorid=57145799600	Department of Community Medicine	Kasturba Medical College, Mangalore	Adolescent, evaluation, HPV, Vaccination, Community	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Nithin Kumar	https://www.scopus.com/authid/detail.uri?authorid=36678889900	Community Medicine	Kasturba Medical College, Mangalore	Primary research area: Community Mental Health and Nutrition Domain knowledge : Foundational knowledge in Community Medicine/Public Health, Mental Health, Nutrition and Women's/Reproductive Health, along with proficiency in epidemiology, research methodology, biostatistics and community-based health promotion.	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Prasanna Mithra P	https://researcher.manipal.edu/en/persons/prasanna-mithra/	Community Medicine	Kasturba Medical College, Mangalore	Health Sciences/Public Health/health education module, caries management, children/Basic research methodology, field based research expertise	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Ramesh Holla	https://www.scopus.com/authid/detail.uri?authorid=55270371800	Community Medicine	Kasturba Medical College, Mangalore	Nutrition programme, Mixed method study, Evaluation, Community based study, Intervention	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Ramesh Holla	https://www.scopus.com/authid/detail.uri?authorid=55270371800	Community Medicine	Kasturba Medical College, Mangalore	Nutrition, Public Health, AI in Public Health, Non Communicable Disease, Malnutrition	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Suneel C Mundkur	https://www.scopus.com/pages/search/authors?searchid=0ff099f0-61a8-49bb-aae2-77213c0cfef2	Paediatrics	Kasturba Medical College, Manipal	Quality in healthcare / AI in Quality / Artificial Intelligence (AI)Machine Learning (ML)Clinical Decision Support Systems (CDSS)Computerized Provider Order Entry (CPOE)Natural Language Processing (NLP) / MBA in healthcare or MHA	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Suneel C Mundkur	https://www.scopus.com/pages/search/authors?searchid=0ff099f0-61a8-49bb-aae2-77213c0cfef2	Paediatrics	Kasturba Medical College, Manipal	Healthcare quality / medication errors and EHR / Electronic Health Records (EHR)Electronic Prescribing (e-Prescribing),Clinical Decision Support Systems (CDSS), Context-Aware Alerting, Health Information Technology (HIT), / MBA in healthcare or MHA	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Syed Irfan Ali	https://www.scopus.com/authid/detail.uri?authorid=56688953400	Community Medicine	Manipal-TATA Medical College, Jamshepur	Mental health, Adolescents; Emotional intelligence; Stress; Anxiety; Psychological well-being: Emotional regulation; Resilience; Coping skills; Social and Emotional Learning; Adolescent mental health; Academic stress; Cross-sectional study; Mental-health screening; Positive psychology	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Usha Rani	https://researcher.manipal.edu/en/persons/usha-rani/	Department of Healthcare & Hospital Management	Prasanna School of Public Health, Manipal	Health Economics, Quality of care, Return on investment, Healthcare financing, Access to Care, Hospital administration, Public Health	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Usha Rani	https://researcher.manipal.edu/en/persons/usha-rani/	Department of Healthcare & Hospital Management	Prasanna School of Public Health, Manipal	Meditation; Postpartum Maternal Health; Mental Well-Being; Intervention; Patient experience; Patient care; Hospital intervention	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Varalakshmi Chandrasekaran	https://researcher.manipal.edu/en/persons/varalakshmi-chandrasekaran/	Health Policy	Prasanna School of Public Health, Manipal	Mental health, Suicides, Emerging adulthood, Psychology	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Ramya Shenoy Kudpi	https://researcher.manipal.edu/en/persons/ramya-shenoy	Public Health Dentistry	Manipal College of Dental Sciences, Mangalore	Geriatrics/ Trauma/ Dento facial trauma / Older adults	Health Sciences	HEALTH SCIENCE: PUBLIC HEALTH AND EPIDEMIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Anjali Suneel Mundkur	https://www.scopus.com/authid/detail.uri?authorid=56405476600	Reproductive Medicine and Surgery	Kasturba Medical College, Manipal	Endometriosis; Infertility; Neutrophil-to-Lymphocyte Ratio (NLR); Antral Follicle Count (AFC); Ovarian Stromal Blood Flow; Embryo Quality; Low-Resource Research/ biochemistry, embryology, microbiology	Health Sciences	HEALTH SCIENCE: REPRODUCTIVE SCIENCE	FULL TIME / PART TIME CANDIDATES
Dr. Anjali Suneel Mundkur	https://www.scopus.com/authid/detail.uri?authorid=56405476600	Reproductive Medicine and Surgery	Kasturba Medical College, Manipal	Male Infertility; ICSI; Neutrophil-to-Lymphocyte Ratio (NLR); Sperm Survival Assay; Oxidative Stress; Blastocyst Quality; Low-Resource Research	Health Sciences	HEALTH SCIENCE: REPRODUCTIVE SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Sadhana Holla	https://www.scopus.com/authid/detail.uri?authorid=56394338600	Department of Pharmacology	Kasturba Medical College, Manipal	Research Area: Cancer biology, Phytopharmacology Keywords: Ovarian Cancer, Moringa Oleifera, Organoids, Chemosensitization, Chemoprotection Domain knowledge requirements: Cell culture and in vitro work, phytopharmaceuticals, phytochemistry	Health Sciences	HEALTH SCIENCE: REPRODUCTIVE SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Sandhya Kumari M V	https://www.scopus.com/authid/detail.uri?authorid=57226628185	Reproductive Science	Kasturba Medical College, Manipal	Reproductive toxicology/paternal type 2 diabetes/semaglutide and metformin/Reproductive health in male offspring	Health Sciences	HEALTH SCIENCE: REPRODUCTIVE SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Vijetha Shenoy Belle	https://www.scopus.com/authid/detail.uri?authorid=36660371200	Biochemistry	Kasturba Medical College, Manipal	Reproductive Biology; Zebrafish model; Nutrition; Organogenesis; offspring health; Embryogenesis	Health Sciences	HEALTH SCIENCE: REPRODUCTIVE SCIENCE	FULL TIME CANDIDATES ONLY
Dr. Balakrishna S Maddodi	https://researcher.manipal.edu/en/persons/balakrishna-s-maddodi/	Civil Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning for Environmental Sustainability and Biodiversity Conservation	Health Sciences	LIFE SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Bhavanari Mallikarjun	https://www.scopus.com/authid/detail.uri?authorid=57216947103	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Lab-on-a-Chip; Plasmonic Nanomaterials; Rapid DNA Amplification; Optical Biosensing; Microfluidic PCR; Point-of-Care Diagnostics	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Binay Kumar Tripathy	https://www.scopus.com/authid/detail.uri?authorid=57197754744	Civil Engineering	Manipal Institute of Technology, Manipal	Bioscience, nanomaterial, pollutant, electrochemical method	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Bobby Paul	https://researcher.manipal.edu/en/persons/bobby-paul/	Bioinformatics	Manipal School of Life Sciences, Manipal	Bioinformaticians with experience in handling genome data or graduates with knowledge in handling Linux operating systems, Structured Query Language, web designing, machine learning, scripting languages such as Python, Perl, PHP, and R statistical programming.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Budheswar Dehury	https://researcher.manipal.edu/en/persons/budheswar-dehury/	Bioinformatics	Manipal School of Life Sciences, Manipal	Ferroptosis, Structure-based Drug Design, GPX4, hepatocyte organoids	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Dibyajyoti Haldar	https://researcher.manipal.edu/en/persons/dibyajyoti-haldar/	Biotechnology	Manipal Institute of Technology, Manipal	Biobased polymers; Antimicrobial activity; Insecticidal activity; Biodegradable materials; Sustainable biotechnology	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Dibyajyoti Haldar	https://researcher.manipal.edu/en/persons/dibyajyoti-haldar/	Biotechnology	Manipal Institute of Technology, Manipal	Waste cooking oil; Biodiesel; Lignin-based catalyst; Transesterification; Waste valorization	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Dibyajyoti Haldar	https://researcher.manipal.edu/en/persons/dibyajyoti-haldar/	Biotechnology	Manipal Institute of Technology, Manipal	Fungal isolation; Mycelium; Leather-like material; Sustainable biomaterials; Agricultural waste valorization	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Enaganti Prasanth Kumar	https://www.scopus.com/authid/detail.uri?authorid=57215010899	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Bioelectronics, AI/ML, Health monitoring, Wearable sensors, Biomedical devices, Biosensors, Signal processing, Data acquisition, Machine learning, non-invasive monitoring.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Gireesh G	https://researcher.manipal.edu/en/persons/gireesh-gangadharan/	Ageing Research	Manipal School of Life Sciences, Manipal	Neuroscience, Cognitive Neuroscience, Neurophysiology	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Gururaj Bolar	https://www.scopus.com/authid/detail.uri?authorid=57194114093	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Surface engineering, Additive Manufacturing, Biomaterials, Sustainable material processing, Healthcare solutions	Health Sciences	LIFE SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Himanshu Gupta	https://www.scopus.com/authid/detail.uri?authorid=59914273900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; Molecular Biology; Cellular Biology; Biological Complexity; Systems Biology	Health Sciences	LIFE SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Jitendra Carpenter	https://researcher.manipal.edu/en/persons/jitendra-carpenter/	Chemical Engineering	Manipal Institute of Technology, Manipal	Biological chemistry, Life sciences, clinical In-vitro and In vivo studies, Cancer therapy , Drug formulations, nanoemulsions	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Mathew Peter	https://researcher.manipal.edu/en/persons/mathew-peter/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Biomaterials and hydrogel-based bioink formulation, 3D bioprinting principles, Cell culture , Rheological and mechanical characterization of bioinks, Microscopy, histology, and immunofluorescence analysis, Evaluation of cell viability, proliferation, differentiation, Experimental design, data analysis, and biocompatibility assessment	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Nirmal Mazumder	https://researcher.manipal.edu/en/persons/nirmal-mazumder/	Biophysics	Manipal School of Life Sciences, Manipal	Biochemistry, Biotechnology, Polymer science	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Pramod K	https://www.scopus.com/authid/detail.uri?authorid=57760573500#	Biomedical Engineering	Manipal Institute of Technology, Manipal	Life Sciences, Cell Biology, Biotechnology, 3D Cell Culture, Cell Proliferation, Biomaterials, Hydrogel, Cryogel, Porous Scaffolds, Tissue Engineering, Regenerative Medicine, Cell-Material Interactions, Electrical Characterization, Biomedical Applications	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Priyanka Upadhyai	https://researcher.manipal.edu/en/persons/priyanka-upadhyai/	Medical Genetics	Kasturba Medical College, Manipal	Research Area: Molecular Genetics, Neurogenetics and RNA Biology Research Topic: Functional modelling of rare neurodevelopmental disorders Keywords: RNA exosome; EXOSC1; neurodevelopmental disorders; RNA metabolism; nucleolar stress; Drosophila disease models Domain Knowledge Requirements: A sound foundation in molecular biology, cell biology, genetics and biochemistry, with an interest in RNA biology, neurodevelopment and genetic disease mechanisms. Familiarity with cell culture, principles of gene expression, molecular cloning, or microscopy would be desirable. Previous experience with Drosophila or mammalian cell culture will be advantageous but not essential, as all relevant training will be provided.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Rajesh J	https://www.scopus.com/authid/detail.uri?authorid=58738422400	Biotechnology	Manipal Institute of Technology, Manipal	Congo red; jackfruit peel biochar; bacterial immobilization; agro-waste valorization; sustainable treatment.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Ramesh V	https://researcher.manipal.edu/en/persons/ramesh-v/	Chemical Engineering	Manipal Institute of Technology, Manipal	life sciences; biotechnology	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Sooraj Mohan	https://researcher.manipal.edu/en/persons/sooraj-mohan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Microbiology; Mycology; Microbial culture; Solid and liquid culturing techniques; Fermenter; Data analytics	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Subbalaxmi S	https://www.manipal.edu/mit/department-faculty/faculty-list/subbalaxmi-s.html	Biotechnology	Manipal Institute of Technology, Manipal	Bioprocess Engineering, Industrial Microbiology, Fermentation	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Subbalaxmi S	https://www.manipal.edu/mit/department-faculty/faculty-list/subbalaxmi-s.html	Biotechnology	Manipal Institute of Technology, Manipal	Industrial Microbiology, Biopolymer, Bionanotechnology, Bioremediation.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Sudharshan Prabhu	https://www.scopus.com/authid/detail.uri?authorid=55785376000	Department of Cell and Molecular Biology	Manipal School of Life Sciences, Manipal	Cell Biology, Biochemistry, Biotechnology, Microbiology, any Lifesciences degree	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Sujatha Prabhu P	https://www.manipal.edu/dbms/department-faculty/faculty-list/sujatha-prabhu-p/_jcr_content.html	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Gastric disease progression; DNA methylation, Molecular biomarkers; Non-invasive diagnosis	Health Sciences	LIFE SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Sujatha Prabhu P	https://www.manipal.edu/dbms/department-faculty/faculty-list/sujatha-prabhu-p/_jcr_content.html	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Gut-brain axis; Chronic stress; Intestinal barrier; Neuroinflammation; Anxiety-like behaviour	Health Sciences	LIFE SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. pooja Shivappa	https://www.scopus.com/authid/detail.uri?authorid=57193518864	Department of Biotechnology	Manipal School of Life Sciences, Manipal	Radiation biology, translational oncology	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shibu Chameettachal	https://www.scopus.com/authid/detail.uri?authorid=55687212100	Department of Integrated Research	Kasturba Medical College, Manipal	Research Area: Biomedical Engineering Tissue Engineering/ Translational Virology Keywords: 3D Tissue Engineering; Airway Epithelium; Zoonotic Spillover; Predictive Virology Domain Knowledge Requirements: Prospective candidates must possess a Master's degree (M.Tech./M.E./M.Sc./M.Pharm.) in biomedical engineering, biotechnology, cell biology, tissue engineering, virology, or a closely allied discipline. Applicants should have strong theoretical knowledge of viral entry kinetics and tissue-level viral replication dynamics, along with hands-on experience in BSL-2/BSL-3 laboratory practices, virology/molecular virology, handling of viral vectors or pseudotyped viruses, and viral assays. Additionally, relevant research/work experience in the following areas will be given additional weightage: advanced cell culture techniques, air-liquid interface (ALI) cultures, organoids, biomaterials and characterization techniques, 3D bioprinting, microfluidics, and tissue characterization techniques.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Manasa Nune	https://www.scopus.com/authid/detail.uri?authorid=55661142600	Regenerative Medicine	Manipal Institute of Regenerative Medicine, Bengaluru	Biomaterials, Regenerative Medicine, Tissue Engineering	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Jyothi Prasanna S	https://manipal.edu/mu/campuses/mahe-bengaluru/academics/institution-list/sorm/departement-faculty/faculty-list/s-jyothi-prasanna.html	Regenerative Medicine	Manipal Institute of Regenerative Medicine, Bengaluru	Mitochondrial Biology and Health./ Quality control /Tumorigenesis and mitochondrial dynamics / Requires strong knowledge in molecular biology	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Anujith Kumar KV	https://researcher.manipal.edu/en/publications/?search=Anujith+Kumar&originalSearch=Anujith+Kumar&pageSize=50&ordering=publicationYearThenTitle&showAdvanced=false&allConcepts=true&inferConcepts=true&searchBy=RelatedConcepts&descending=true	Regenerative Medicine	Manipal Institute of Regenerative Medicine, Bengaluru	Diabetes, Human iPSCs, Proteasome, Proteostasis,	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Anandh D	https://researcher.manipal.edu/en/persons/anandh-d/	Regenerative Medicine	Manipal Institute of Regenerative Medicine, Bengaluru	Neuroscience, Stem Cells,	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. P Sandeep Mallya	https://researcher.manipal.edu/en/persons/p-sandeep-mallya/	Department of Bioinformatics	Manipal School of Life Sciences, Manipal	Multi-omics integration; Computational biology; Biomarker discovery; Disease mechanisms; Precision medicine.	Health Sciences	LIFE SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Ashwin R Rai	https://www.scopus.com/authid/detail.uri?authorid=52464410400	Anatomy	Kasturba Medical College, Mangalore	Nursing Students, Academic Progression, Clinical Performance, Musculoskeletal Tracking, Ergonomic Compliance	Health Sciences	NURSING	PART TIME CANDIDATES ONLY
Dr. Ashwin R Rai	https://www.scopus.com/authid/detail.uri?authorid=52464410400	Anatomy	Kasturba Medical College, Mangalore	Anatomy, Teaching-learning methods, student perception, nursing education.	Health Sciences	NURSING	PART TIME CANDIDATES ONLY
Dr. Judith Angelitta Noronha	https://researcher.manipal.edu/en/persons/judith-angelitta-noronha	Administration	Manipal College of Nursing, Manipal	Anaemia/ womenhealth/ mixed method research/	Health Sciences	NURSING	FULL TIME CANDIDATES ONLY
Dr. Mamatha Shivananda Pai	https://www.scopus.com/authid/detail.uri?authorid=57146628500	Paediatric Nursing	Manipal College of Nursing, Manipal	Evidence Translation; Clinical Practice Guidelines; Nursing Students; Evidence Based Nursing Practice	Health Sciences	NURSING	FULL TIME CANDIDATES ONLY
Dr. Prithvishree Ravindra	https://www.scopus.com/authid/detail.uri?authorid=36149740000	Emergency Medicine	Kasturba Medical College, Manipal	Maternal Health, Obstetric Emergencies, Modified Early Obstetric Warning Score (MEOWS/MOEWs), Maternal Deterioration, Patient Safety, Quality Improvement	Health Sciences	NURSING	FULL TIME CANDIDATES ONLY
Dr. Radhika R Pai	https://researcher.manipal.edu/en/persons/radhika-r-pai/	Fundamentals of Nursing	Manipal College of Nursing, Manipal	Chemotherapy-Induced Peripheral Neuropathy Exercise and Rehabilitation Non-Pharmacological Symptom Management Cancer Survivorship and Quality of Life	Health Sciences	NURSING	FULL TIME CANDIDATES ONLY
Dr. Sonia Rosaline Blanch D' Souza	https://researcher.manipal.edu/en/persons/sonia-r-b-d-souza/	Obstetric & Gynaecological Nursing	Manipal College of Nursing, Manipal	antenatal and perinatal nursing, obstetrics-gynecological-neonatal nursing, psychiatric nursing, sociological and psychological field, women's health	Health Sciences	NURSING	FULL TIME CANDIDATES ONLY
Dr. Vinish V	https://www.scopus.com/authid/detail.uri?authorid=57200578506	Community Health Nursing	Manipal College of Nursing, Manipal	First aid, first responders care, emergency care, accident care	Health Sciences	NURSING	FULL TIME / PART TIME CANDIDATES
Dr. Mahadev Rao	https://researcher.manipal.edu/en/persons/mahadev-rao/	Pharmacy Practice	Manipal College of Pharmaceutical Sciences, Manipal	Breast cancer, Precision therapy, Epigenetics, PRC2 complex, Drug repurposing	Health Sciences	PHARMACY PRACTICE AND CLINICAL PHARMACY	FULL TIME CANDIDATES ONLY
Dr. Mahadev Rao	https://researcher.manipal.edu/en/persons/mahadev-rao/	Pharmacy Practice	Manipal College of Pharmaceutical Sciences, Manipal	Tuberculosis, HIV, Pharmacogenomics, Precision Medicine	Health Sciences	PHARMACY PRACTICE AND CLINICAL PHARMACY	FULL TIME CANDIDATES ONLY
Dr. Mahadev Rao	https://researcher.manipal.edu/en/persons/mahadev-rao/	Pharmacy Practice	Manipal College of Pharmaceutical Sciences, Manipal	Lung cancer, Precision therapy, Pharmacogenomics, Population pharmacokinetics, Epigenetics	Health Sciences	PHARMACY PRACTICE AND CLINICAL PHARMACY	FULL TIME CANDIDATES ONLY
Dr. Aravinda Pai	https://researcher.manipal.edu/en/persons/aravinda-pai/	Pharmaceutical Chemistry	Manipal College of Pharmaceutical Sciences, Manipal	Synthetic Chemistry, Medicinal Chemistry, Nano formulation, computational design	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	PART TIME CANDIDATES ONLY
Dr. Bhavana B Bhat	https://researcher.manipal.edu/en/persons/bhavana-b-bhat/	Pharmaceutical Regulatory Affairs and Management	Manipal College of Pharmaceutical Sciences, Manipal	Cosmetics, Green cosmetics, eco friendly, cosmeceuticals	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	FULL TIME CANDIDATES ONLY
Dr. Bhavana B Bhat	https://researcher.manipal.edu/en/persons/bhavana-b-bhat/	Pharmaceutical Regulatory Affairs and Management	Manipal College of Pharmaceutical Sciences, Manipal	Consumer behaviour, market trends, consumer analysis, marketing	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	PART TIME CANDIDATES ONLY
Dr. Dileep Kumar	https://www.scopus.com/authid/detail.uri?authorid=57201453948	Pharmaceutical Chemistry	Manipal College of Pharmaceutical Sciences, Manipal	Research Area: Cancer Drug Discovery and Medicinal Chemistry Research Topic: Structure-Based Design, In-Silico Screening, Synthesis, and Biological Evaluation of Novel Small-Molecule Anticancer Agents	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	FULL TIME CANDIDATES ONLY
Dr. Dileep Kumar	https://www.scopus.com/authid/detail.uri?authorid=57201453948	Pharmaceutical Chemistry	Manipal College of Pharmaceutical Sciences, Manipal	Drug Discovery / Neuropharmacology / Medicinal Chemistry	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Dileep Kumar	https://www.scopus.com/authid/detail.uri?authorid=57201453948	Pharmaceutical Chemistry	Manipal College of Pharmaceutical Sciences, Manipal	Research Area: Alzheimer's Disease Drug Discovery and Artificial Intelligence Research Topic: Machine Learning-Driven Identification and Prioritization of Novel Therapeutic Candidates for Alzheimer's Disease Keywords: Alzheimer's disease; Drug discovery; Artificial intelligence; Machine learning; QSAR; Virtual screening; Random Forest; Extra Trees; Support Vector Machine; Explainable AI; Feature selection; Molecular descriptors; Molecular fingerprints; Structure-based drug design; Molecular docking; Molecular dynamics; ADMET prediction; Lead identification; Lead optimization; Neurodegenerative diseases. Domain Knowledge Requirements: Medicinal and pharmaceutical chemistry Alzheimer's disease biology and neuropharmacology Artificial intelligence and machine learning Quantitative structure–activity relationship (QSAR) modeling Molecular descriptors and chemical fingerprints Data curation and dataset preparation	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	PART TIME CANDIDATES ONLY
Dr. Varadaraj Bhat G	https://manipal.edu/mcops-manipal/departement-faculty/faculty-list/varadaraj-bhat-g.html	Pharmaceutical Chemistry	Manipal College of Pharmaceutical Sciences, Manipal	Anticancer	Health Sciences	PHARMACY: PHARMACEUTICAL CHEMISTRY, PHARMACEUTICAL ANALYSIS AND DRUG REGULATORY AFFAIRS	FULL TIME CANDIDATES ONLY
Dr. Anup Naha	https://researcher.manipal.edu/en/persons/anup-naha/	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Controlled Drug delivery, Liquid crystals, biosensing, personalized medicine	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Dhas Namdev Laxmanrao	https://researcher.manipal.edu/en/persons/dhas-namdev-laxmanrao/	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Microneedles Nanoconstructs Cancer Therapy Nanomedicine Targeted Drug Delivery Polymeric Nanoparticles Transdermal Drug Delivery Controlled Drug Release Tumor Targeting	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Dhas Namdev Laxmanrao	https://researcher.manipal.edu/en/persons/dhas-namdev-laxmanrao/	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Anticancer Nanoparticles Nanomedicine Cancer Drug Delivery Stimuli-Responsive Nanocarriers Precision Oncology	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mansi Upadhyay	https://scholar.google.co.in/citations?user=d9wIwLIAAAJ&hl=en	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Novel delivery system, Women health, Therapeutic management, Bioavailability, Nanocarriers	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Sachin Dattram Pawar	https://researcher.manipal.edu/en/persons/sachin-dattram-pawar	Pharma Quality Assurance	Manipal College of Pharmaceutical Sciences, Manipal	Amorphous Nanoparticles, Solid-State Characterization, Pharmacokinetics, Pharmaceutical Nanotechnology, Amorphous Solid Dispersion, pH-Responsive Drug Delivery, Nanoprecipitation, Bioavailability Enhancement, BCS Class II Drugs, Supersaturation and Precipitation Kinetics, LC-MS/MS Bioanalysis	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Sachin Dattram Pawar	https://researcher.manipal.edu/en/persons/sachin-dattram-pawar	Pharma Quality Assurance	Manipal College of Pharmaceutical Sciences, Manipal	High-Resolution Mass Spectrometry, Ion Mobility Spectrometry, Biologics Characterization, Monoclonal Antibodies, Oligonucleotides, Peptide Mapping, Post-Translational Modifications,	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	PART TIME CANDIDATES ONLY
Dr. Sreedhar D	https://www.scopus.com/authid/detail.uri?authorid=57948125000	Pharmaceutical Regulatory Affairs and Management	Manipal College of Pharmaceutical Sciences, Manipal	Pharmaceutical Regulatory Affairs; Clinical Practice; Pharmacy Practice; Regulatory Science; Medication Safety; Pharmacovigilance; Patient Safety; Clinical Outcomes; Regulatory Implementation; Medication Errors; Healthcare Regulation.	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Sreedhar D	https://www.scopus.com/authid/detail.uri?authorid=57948125000	Pharmaceutical Regulatory Affairs and Management	Manipal College of Pharmaceutical Sciences, Manipal	Pharmaceutical Regulatory Affairs; Regulatory Intelligence; Regulatory Science; Pharmaceutical Safety; Post-Marketing Surveillance; Drug Recalls; Regulatory Alerts	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	PART TIME CANDIDATES ONLY
Dr. Srinivas Mutalik	http://researcher.manipal.edu/en/persons/srinivas-mutalik/	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Diabetes mellitus, Diabetic foot ulcer, scaffold, drug delivery	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Usha Yogendra Nayak	https://www.manipal.edu/mcops-manipal/departement-faculty/faculty-list/usha-y-nayak.html	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Breast cancer, phytomolecules, lipid nanoparticles	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Usha Yogendra Nayak	https://www.manipal.edu/mcops-manipal/departement-faculty/faculty-list/usha-y-nayak.html	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Nanoformulations, Fibrosis, targeted delivery, bioavailability	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Vamshi Krishna T	https://www.manipal.edu/mcops-manipal/departement-faculty/faculty-list/vamshi-krishna/_jcr_content.html	Pharmaceutics	Manipal College of Pharmaceutical Sciences, Manipal	Transdermal drug delivery	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Virendra Siddharam Ligade	https://researcher.manipal.edu/en/persons/virendra-s-ligade/	Pharmaceutical Regulatory Affairs and Management	Manipal College of Pharmaceutical Sciences, Manipal	Drug Regulatory Affairs, Drug and Cosmetic development, Testing Knowledge about various testing methods, regulations involved in Drug and Cosmetic development	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Ritu Kudarha	https://www.scopus.com/authid/detail.uri?authorid=56674718900	Department of Biotherapeutics Research	Manipal Centre for Biotherapeutics Research, Manipal	Nano delivery systems; Formulation development; Cancer biology and resistance; hands-on training on in vitro cell culture models, Animal handling and in-vivo tumor models, Statistical analysis, Molecular docking and bioinformatics	Health Sciences	PHARMACY: PHARMACEUTICS, PHARMACEUTICAL QUALITY ASSURANCE, REGULATORY AFFAIRS AND PHARMACEUTICAL MANAGEMENT	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jayesh Mudgal	https://researcher.manipal.edu/en/persons/jayesh-mudgal/	Pharmacology	Manipal College of Pharmaceutical Sciences, Manipal	Pharmacology; Preclinical Screening; Drug Repurposing; In Silico Pharmacology; In Vitro Pharmacology; Cell-Based Assays; Molecular Pharmacology; Drug-Target Interactions; Neuropharmacology; Experimental Pharmacology.	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	PART TIME CANDIDATES ONLY
Dr. K Sreedhara Ranganath Pai	https://researcher.manipal.edu/en/persons/k-sreedhara-ranganath-pai	Pharmacology	Manipal College of Pharmaceutical Sciences, Manipal	Molecular biology, cancer biology, in silico, Pre clinical Pharmacology,	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. KIRAN KUMAR K	https://www.scopus.com/authid/detail.uri?authorid=57195945260	Pharmaceutical Biotechnology	Manipal College of Pharmaceutical Sciences, Manipal	Cancer, cell and molecular biology	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	PART TIME CANDIDATES ONLY
Dr. Vijayanarayana K	https://researcher.manipal.edu/en/persons/vijayanarayana-k/publications/	Pharmacy Practice	Manipal College of Pharmaceutical Sciences, Manipal	Clinical Pharmacy, Alcohol dependence, Psychosocial. Clinical Research, Study designs, Statistics	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	PART TIME CANDIDATES ONLY
Dr. Yogendra Nayak	https://researcher.manipal.edu/en/persons/yogendra-nayak/	Pharmacology	Manipal College of Pharmaceutical Sciences, Manipal	Idiopathic Pulmonary Fibrosis, Pulmonary Delivery, Antifibrotic Drugs, Natural Product, TGF-β/Smad signaling	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Arul Amuthan L	https://researcher.manipal.edu/en/persons/arul-amuthan-l/	Basic Medical Sciences	Department of Basic Medical Sciences, Manipal	Pharmaceutics, antifungal	Health Sciences	PHARMACY: PHARMACOLOGY, PHARMACY PRACTICE, PHARMACOGNOSY AND PHARMACEUTICAL BIOTECHNOLOGY	FULL TIME CANDIDATES ONLY
Dr. Santhosh K V	https://researcher.manipal.edu/en/persons/santhosh-k-v/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Scientometric, Statistics, AI, Research integrity	Health Sciences	PUBLIC POLICY	FULL TIME / PART TIME CANDIDATES
Dr. Abhishek S Rao K P	https://researcher.manipal.edu/en/persons/abhishek-s-rao-k-p/	Commerce	Manipal School of Commerce and Economics, Manipal	Supply chain, food supply chain, hospitality	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Abhishek S Rao K P	https://researcher.manipal.edu/en/persons/abhishek-s-rao-k-p/	Commerce	Manipal School of Commerce and Economics, Manipal	Supply chain. Artificial intelligence, Hospitality	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Ambigal R	https://www.scopus.com/authid/detail.uri?authorid=57222714414	Commerce	Manipal School of Commerce and Economics, Manipal	Medical Devices, Indigenous innovation, Health Economics, Clinician Trust, Public Health, HTA, Market	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Ambigal R	https://www.scopus.com/authid/detail.uri?authorid=57222714414	Commerce	Manipal School of Commerce and Economics, Manipal	Digital CBT, Health economics, Cost utility analysis, Mental health, public health, Depression and anxiety, Health equity, Digital health, HTA	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Ambigal R	https://www.scopus.com/authid/detail.uri?authorid=57222714414	Commerce	Manipal School of Commerce and Economics, Manipal	Real-world evidence (RWE), Real-world data (RWD), Health economics, Market access, public health, health informatics, HTA, Cost-effectiveness analysis, Analytics	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Daniel Frank	https://www.scopus.com/authid/detail.uri?authorid=58677482300	Commerce	Manipal School of Commerce and Economics, Manipal	Research Area: Behavioural Finance and Household Financial Decision-Making / Research Topic: Influence of digital financial tools on retirement preparedness among Indian households, with particular attention to adoption self-selection, the gap between planning confidence and observable saving behaviour, and distributional effects across income, education and formal versus informal employment. Key Words: Retirement preparedness, Digital financial tools, Fintech adoption, Household financial behaviour, Optimism bias, Financial self-efficacy	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Deepak Parashar	https://researcher.manipal.edu/en/persons/deepak-parashar/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning; Financial Analytics; Behavioural Finance; Explainable AI; Time-Series Forecasting; Risk Management; Decision Intelligence.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Geetha E	https://researcher.manipal.edu/en/persons/geetha-e/	Commerce	Manipal School of Commerce and Economics, Manipal	Finance, Banking, Capital markets, financial markets, stock market, MSME,	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Geetha E	https://researcher.manipal.edu/en/persons/geetha-e/	Commerce	Manipal School of Commerce and Economics, Manipal	Finance, Commerce, Banking, Management, Economics, Financial Inclusion, Financial Markets, Capital Markets, Financial Inclusion, Financial Innovation.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Giridhar B Kamath	https://researcher.manipal.edu/en/persons/giridhar-b-kamath/	Humanities and Management	Manipal Institute of Technology, Manipal	Social media influencers; Consumer behaviour; Influencer credibility; Purchase intention; Theory of Planned Behaviour; Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Giridhar B Kamath	https://researcher.manipal.edu/en/persons/giridhar-b-kamath/	Humanities and Management	Manipal Institute of Technology, Manipal	Artificial intelligence; Consumer adoption; Technology Acceptance Model; Online shopping; Consumer trust; Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Giridhar B Kamath	https://researcher.manipal.edu/en/persons/giridhar-b-kamath/	Humanities and Management	Manipal Institute of Technology, Manipal	Sustainable consumption; Intention-behaviour gap; Theory of Planned Behaviour; Green scepticism; Responsible purchasing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Itam Urmila Jagadeeswari	https://www.scopus.com/authid/detail.uri?authorid=57201761401	DOC	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Topics may include AI-enabled recruitment and selection, AI-driven performance management, predictive talent analytics, digital HR platforms and employee experience, ethical and responsible AI in HRM, and changing HR roles and competencies in the age of AI	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	PART TIME CANDIDATES ONLY
Dr. Itam Urmila Jagadeeswari	https://www.scopus.com/authid/detail.uri?authorid=57201761401	DOC	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Social enterprise business models and livelihood outcomes; community-based entrepreneurship and local development; women's social entrepreneurship and empowerment; impact measurement and social value assessment in social enterprises.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Kavitha T C	https://researcher.manipal.edu/en/persons/kavitha-t-c/	Commerce	Manipal School of Commerce and Economics, Manipal	CRM, CRM strategies, Customer Retention, Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Kavitha T C	https://researcher.manipal.edu/en/persons/kavitha-t-c/	Commerce	Manipal School of Commerce and Economics, Manipal	Circular Supply Chain / Reverse Logistics and Consumer Satisfaction & Loyalty/ Reverse logistics, sustainable packaging, product returns, consumer satisfaction/ Operations and Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Kavitha T C	https://researcher.manipal.edu/en/persons/kavitha-t-c/	Commerce	Manipal School of Commerce and Economics, Manipal	Tourism Marketing / Social-media content, and AI-based personalisation/Destination image, Travel intention, Generation Z tourists/ Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Lakshminarayanan S	https://www.scopus.com/authid/detail.uri?authorid=57191268884	Commerce	Manipal School of Commerce and Economics, Manipal	AI and HR	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Lakshminarayanan S	https://www.scopus.com/authid/detail.uri?authorid=57191268884	Commerce	Manipal School of Commerce and Economics, Manipal	HR Analytics	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Lakshminarayanan S	https://www.scopus.com/authid/detail.uri?authorid=57191268884	Commerce	Manipal School of Commerce and Economics, Manipal	AI and HRM	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mahesh Prabhu H	https://researcher.manipal.edu/en/persons/mahesh-prabhu-h/	Humanities and Management	Manipal Institute of Technology, Manipal	Quality Management, operations, statistical techniques	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mahesh Prabhu H	https://researcher.manipal.edu/en/persons/mahesh-prabhu-h/	Humanities and Management	Manipal Institute of Technology, Manipal	Marketing, Tourism, Consumer Behavior	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mathew Thomas Gil	https://researcher.manipal.edu/en/persons/mathew-thomas-gil/https://www.scopus.com/authid/detail.uri?authorid=57200618799	Commerce	Manipal School of Commerce and Economics, Manipal	Green marketing/ Green scepticism/ Signalling theory/ Willingness to pay/ PLS-SEM/ Marketing/	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mathew Thomas Gil	https://researcher.manipal.edu/en/persons/mathew-thomas-gil/https://www.scopus.com/authid/detail.uri?authorid=57200618799	Commerce	Manipal School of Commerce and Economics, Manipal	Agentic AI/ Consumer trust/ Algorithm aversion/ Technology adoption/ Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Mathew Thomas Gil	https://researcher.manipal.edu/en/persons/mathew-thomas-gil/https://www.scopus.com/authid/detail.uri?authorid=57200618799	Commerce	Manipal School of Commerce and Economics, Manipal	Quick commerce/ Dark patterns/ Impulsive buying/ Consumer wellbeing/ S-O-R framework/ Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Navin Kumar K	https://www.scopus.com/authid/detail.uri?authorid=57204566348	School of Management	Manipal Institute of Management, Manipal	Organizational Behavior; General Management; Generation Z Students; AI-Assisted Learning; Learning Behavior; Student Engagement; Qualitative Research	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Navin Kumar K	https://www.scopus.com/authid/detail.uri?authorid=57204566348	School of Management	Manipal Institute of Management, Manipal	Human Resource Management; Organizational Behavior; General Management; Gen Z Employees	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Navin Kumar K	https://www.scopus.com/authid/detail.uri?authorid=57204566348	School of Management	Manipal Institute of Management, Manipal	Human Resource Management; Organizational Behavior; General Management; Education	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. P S Varsha	https://www.scopus.com/authid/detail.uri?authorid=57210919302	Commerce	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Agentic AI; AI agents; Delegation; Multi-agent coordination; Organisational control; Human oversight; Accountability; AI governance	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. P S Varsha	https://www.scopus.com/authid/detail.uri?authorid=57210919302	Commerce	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Agentic AI; Delegation theory; Contextual integrity; Information security compliance; Privacy violation; Non-human actor	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. P S Varsha	https://www.scopus.com/authid/detail.uri?authorid=57210919302	Commerce	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Technostress; IT identity; Transactional stress theory; Identity salience; Digital well-being; Discontinuance	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Pushparaj Nayak	https://www.scopus.com/authid/detail.uri?authorid=57901536700	Commerce	Manipal School of Commerce and Economics, Manipal	Family Business, Succession Planning, Innovation, Sustainability, Governance, Indian Enterprises	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Pushparaj Nayak	https://www.scopus.com/authid/detail.uri?authorid=57901536700	Commerce	Manipal School of Commerce and Economics, Manipal	Entrepreneurial Orientation, Family-Owned SMEs, Innovation, Proactiveness, Risk-Taking, Firm Performance, Family Involvement, Generational Stage, Socio-Emotional Wealth	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Pushparaj Nayak	https://www.scopus.com/authid/detail.uri?authorid=57901536700	Commerce	Manipal School of Commerce and Economics, Manipal	Entrepreneurship Education, Entrepreneurial Intention, Innovation Orientation, Start-up Readiness, Experiential Learning, Institutional Support, Business Incubation, Higher Education, Indian Students	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Rajesh R Pai	https://researcher.manipal.edu/en/persons/rajesh-r-pai/	Humanities and Management	Manipal Institute of Technology, Manipal	Smart City Initiatives, Digital Inclusion, Daily Wage Workers, E-Governance, India	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Rajesh R Pai	https://researcher.manipal.edu/en/persons/rajesh-r-pai/	Humanities and Management	Manipal Institute of Technology, Manipal	Smart Packaging: Consumer Adoption; Consumer Behaviour; Sustainable Packaging; Prototype Evaluation	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Rajesh R Pai	https://researcher.manipal.edu/en/persons/rajesh-r-pai/	Humanities and Management	Manipal Institute of Technology, Manipal	Human-AI collaboration; organisational decision-making; decision quality	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Rakshith Bhandary	https://researcher.manipal.edu/en/persons/rakshith-bhandary/	Commerce	Manipal School of Commerce and Economics, Manipal	Explainable AI, Credit Risk Modeling, SHAP / LIME, Model Risk Management, Basel III/IV, Algorithmic Fairness, Artificial Intelligence.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Rakshith Bhandary	https://researcher.manipal.edu/en/persons/rakshith-bhandary/	Commerce	Manipal School of Commerce and Economics, Manipal	Root Cause Analysis, Causal Inference, Theory of Constraints, Current Reality Tree, Supply Chain Disruption, Causal Discovery, Algorithmic Diagnostics, Bayesian Networks, Artificial Intelligence, Machine Learning Applications in Logistics.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Rakshith Bhandary	https://researcher.manipal.edu/en/persons/rakshith-bhandary/	Commerce	Manipal School of Commerce and Economics, Manipal	Human-AI Collaboration, Employee Performance, Employee Creativity, Decision Quality, Task-AI Fit, AI Literacy, Calibrated Trust, Explainable AI, Cognitive Load, Human Control, Human Resource Development.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Santhosha Shetty	https://www.scopus.com/authid/detail.uri?authorid=57218618450	Commerce	Manipal School of Commerce and Economics, Manipal	Entrepreneurship development, Mindset, Motivation, Follow-up, Entrepreneurship development program, Fostering	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Santhosha Shetty	https://www.scopus.com/authid/detail.uri?authorid=57218618450	Commerce	Manipal School of Commerce and Economics, Manipal	entrepreneurship development, entrepreneurship training, entrepreneurship development programmes, impact on economic aspects, rural development, self-employment training	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shylaja H N	https://www.scopus.com/authid/detail.uri?authorid=57214440790	DOC	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Behavioural finance, behavioural biases, investment and portfolio management	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Shylaja H N	https://www.scopus.com/authid/detail.uri?authorid=57214440790	DOC	Manipal Institute of Commerce, Finance and Economics (MICFE), Bengaluru	Financial literacy, behavioural biases, financial investments,	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Sreekha P	https://www.scopus.com/authid/detail.uri?authorid=58500316000	Commerce	Manipal School of Commerce and Economics, Manipal	Sustainable bonds, Blue bonds, Climate challenges, asymmetric effects, Greenium, energy-commodity markets.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Sreekha P	https://www.scopus.com/authid/detail.uri?authorid=58500316000	Commerce	Manipal School of Commerce and Economics, Manipal	Carbon pricing policies, Climate challenges, Cross-country comparison, energy-commodity markets.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Sriram K V	https://researcher.manipal.edu/en/persons/sriram-k-v/	Humanities and Management	Manipal Institute of Technology, Manipal	Strategic HR Analytics; Human Resource Analytics; Workforce Analytics; Data-Driven Decision Making;	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Suhan	https://www.scopus.com/pages/search/publications?searchid=783812fc-9c02-489c-ad9b-574284ac1cce	Commerce	Manipal School of Commerce and Economics, Manipal	Sports psychology, Performance anxiety, athlete mental performance, psychological resilience and social media self-regulation	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Suhan	https://www.scopus.com/pages/search/publications?searchid=783812fc-9c02-489c-ad9b-574284ac1cce	Commerce	Manipal School of Commerce and Economics, Manipal	false memories, emotional intensity, memory confidence, cognitive psychology and consumer behaviour	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Suhan	https://www.scopus.com/pages/search/publications?searchid=783812fc-9c02-489c-ad9b-574284ac1cce	Commerce	Manipal School of Commerce and Economics, Manipal	distorting consumer memory, memory confidence, perceived product quality, purchase intention, consumer behaviour and cognitive psychology	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Yashwanth N	https://researcher.manipal.edu/en/persons/yashwanth-n/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Business Analytics, Artificial Intelligence, Data Science, Economics, Human Resource Analytics, Strategic Management	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Lidwin Kenneth Michael	https://researcher.manipal.edu/en/persons/lidwin-kenneth-michael/	Humanities and Management	Manipal Institute of Technology, Manipal	Operations Management, Operations Research, SCM	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Lidwin Kenneth Michael	https://researcher.manipal.edu/en/persons/lidwin-kenneth-michael/	Humanities and Management	Manipal Institute of Technology, Manipal	Luxury Brand Marketing; Luxury Consumer Behaviour; Luxury Consumption; Brand Equity; Brand Heritage; Consumer Perception; Digital Luxury Marketing; Social Media Marketing; Sustainable Luxury;	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Lidwin Kenneth Michael	https://researcher.manipal.edu/en/persons/lidwin-kenneth-michael/	Humanities and Management	Manipal Institute of Technology, Manipal	Coastal tourism, Karnataka, homestay development, mixed-method study	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Nagaraj Kamath H	https://www.scopus.com/authid/detail.uri?authorid=57195278546	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Manipal	Management / Technology Management/ Health Care, Technology, commercialization, start-up/ Management and Bio-Medical	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraj Kamath H	https://www.scopus.com/authid/detail.uri?authorid=57195278546	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Manipal	Management/Tourism/Education, Culture, Tourism, Heritage and Wellness/General Management and Tourism, Art and Culture	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Vrinda	https://researcher.manipal.edu/en/persons/vrinda/	Commerce	Manipal School of Commerce and Economics, Manipal	Sustainable Tourism Development and Overtourism Management/Sustainable tourism, overtourism, destination sustainability, responsible tourism, sustainable destination management/Tourism management, sustainable tourism, destination management, tourism planning, tourism policy	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Vrinda	https://researcher.manipal.edu/en/persons/vrinda/	Commerce	Manipal School of Commerce and Economics, Manipal	Human Resource Management, Organizational Behaviour, Digital Labour and Gig Economy/Gig economy, digital labour, gig workers, platform work, Job Demands-Resources (JD-R) model, job demands, job resources, platform resources, burnout, psychological well-being, work engagement, algorithmic management, job insecurity, digital surveillance, sustainable employment/Human resource management, organizational behaviour, occupational health psychology, employee well-being, Job Demands-Resources theory, gig economy and digital labour platforms, platform management, labour relations, employment sustainability, research methodology, Structural Equation Modeling (SEM)	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Vrinda	https://researcher.manipal.edu/en/persons/vrinda/	Commerce	Manipal School of Commerce and Economics, Manipal	Tourism Management, Tourism Psychology, Human Resource Management, Digital Transformation and Responsible Tourism/Digital fatigue, digital detox, tourism, constant connectivity, technostress, social media fatigue, psychological detachment, digital self-control, digital disconnection, tourism employees, tourists, responsible digital tourism, digital transformation	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Subrahmanya Kumar N.	https://researcher.manipal.edu/en/persons/n-subrahmanya-kumar/	Commerce	Manipal School of Commerce and Economics, Manipal	Research Area: Capital Markets; Behavioural Finance; Financial Technology Research Topics: AI in investment decisions; algorithmic trading and market quality; retail and young investor behaviour; influencers and social-media sentiment; investor protection and market regulation Keywords: Artificial intelligence; algorithmic trading; retail investors; influencers; behavioural finance; market efficiency; investor protection Domain Knowledge Requirements: Postgraduate degree in Finance, Commerce, Management, Economics or a related discipline (as per eligibility norms). A basic understanding of financial markets and introductory statistics is expected. Interest in data analysis is desirable; prior experience in programming or machine learning is not required, but willingness to learn tools such as Python or R is welcome.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Subrahmanya Kumar N.	https://researcher.manipal.edu/en/persons/n-subrahmanya-kumar/	Commerce	Manipal School of Commerce and Economics, Manipal	Research Area: Sustainable Finance; Corporate Finance; Capital Markets Research Topics: ESG and firm value; climate-risk pricing; sustainability reporting and BRSR; greenwashing; ESG ratings; green and responsible investment Keywords: ESG; sustainable finance; climate risk; sustainability reporting; greenwashing; cost of capital; responsible investing Domain Knowledge Requirements: Postgraduate degree in Finance, Commerce, Management, Economics, Accounting or a related discipline (as per eligibility norms). Basic understanding of corporate finance and financial statements is expected. Interest in sustainability and corporate governance is desirable; no prior research or specialised software experience is required. A working knowledge of basic statistics is expected. Prior experience with Python, R or other analytical software is not required; however, willingness to learn these tools during the programme is desirable.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Subrahmanya Kumar N.	https://researcher.manipal.edu/en/persons/n-subrahmanya-kumar/	Commerce	Manipal School of Commerce and Economics, Manipal	Research Area: Financial Accounting; Corporate Governance; Accounting Analytics Research Topics: Earnings quality; financial fraud and misconduct; corporate disclosure and managerial communication; related-party transactions; audit quality; AI in accounting Keywords: Earnings quality; financial reporting; corporate disclosure; forensic accounting; corporate governance; textual analysis; accounting analytics Domain Knowledge Requirements: Postgraduate degree in Commerce, Accounting, Finance, Management or a related discipline (as per eligibility norms). Sound understanding of financial statements and accounting standards is expected. Familiarity with data analysis is an advantage but not a requirement. A working knowledge of basic statistics is expected. Prior experience with Python, R or other analytical software is not required; however, willingness to learn these tools during the programme is desirable.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Savitha	https://researcher.manipal.edu/en/persons/savitha/	Commerce	Manipal School of Commerce and Economics, Manipal	Behavioral finance, mutual funds, Corporate Finance	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Savitha	https://researcher.manipal.edu/en/persons/savitha/	Commerce	Manipal School of Commerce and Economics, Manipal	Investment management, capital markets, financial management	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. M Janani	https://www.scopus.com/authid/detail.uri?authorid=59459961100	TAPMI	T A Pai Management Institute, Bengaluru	Organizational Psychology, Organizational Behavior, and Human Resource Management.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Harini K N	https://www.scopus.com/authid/detail.uri?authorid=57217735932&origin=resultslist	TAPMI	T A Pai Management Institute, Bengaluru	Strategic Management, Uncertainty, Innovation, Entrepreneurship, International Business, Sustainability, Competitive Advantage, Strategic Alliances	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Harini K N	https://www.scopus.com/authid/detail.uri?authorid=57217735932&origin=resultslist	TAPMI	T A Pai Management Institute, Bengaluru	Strategic Management, Strategic Marketing, Marketing Management, Marketing Strategy, Competitive Advantage	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Harini K N	https://www.scopus.com/authid/detail.uri?authorid=57217735932&origin=resultslist	TAPMI	T A Pai Management Institute, Bengaluru	Strategic Human Resource Management (HRM), Workplace Wellbeing, Workplace Spirituality, Indian Knowledge Systems, Organizational Performance, Sustainable HRM	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME CANDIDATES ONLY
Dr. Subhasree Kar	https://www.scopus.com/authid/detail.uri?authorid=55847853200	TAPMI	T A Pai Management Institute, Bengaluru	Human Resource Management, Future of Work, Work Dynamics, Inclusive Organisational Behaviour, Business Management, Organisational Change, Building New Workplaces, Human-centred Approach, Future of Work Behaviour.	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Subhasree Kar	https://www.scopus.com/authid/detail.uri?authorid=55847853200	TAPMI	T A Pai Management Institute, Bengaluru	Human Resource Management, Sustainable Development, Sustainable Development Goals, Sustainable Leadership, Strategic HRM, Organisational Culture, SDG-10, SDG-4, SDG-5, SDG-13, SDG-8, Sustainable Organisations .	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Subhasree Kar	https://www.scopus.com/authid/detail.uri?authorid=55847853200	TAPMI	T A Pai Management Institute, Bengaluru	Human Resource Management, Sustainable Development, Sustainable Development Goals, Sustainable Leadership, Strategic HRM, Organisational Culture, SDG-10, SDG-4, SDG-5, SDG-13, SDG-8, Sustainable Organisations .	Management, Liberal Arts, Humanities, Social Sciences and Law	COMMERCE, ECONOMICS & MANAGEMENT	FULL TIME / PART TIME CANDIDATES
Dr. Aditya Banerjee	https://www.scopus.com/authid/detail.uri?authorid=57218589942	Liberal Arts, Humanities and Social Sciences	Department of Liberal Arts, Humanities and Social Sciences, MAHE, Bengaluru	Loneliness, environment and human behavior; Loneliness and person–environment interaction; social connectedness; belongingness	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Aditya Banerjee	https://www.scopus.com/authid/detail.uri?authorid=57218589942	Liberal Arts, Humanities and Social Sciences	Department of Liberal Arts, Humanities and Social Sciences, MAHE, Bengaluru	Workplace loneliness; Workplace ostracism; Work environment; Social connectedness; Belongingness	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Deepak D	https://researcher.manipal.edu/en/persons/deepak-d/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Work-Integrated Learning (WIL) Management Education WIL Quality University–Industry Collaboration Higher Education Employability	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Prashant Kumar Choudhary	https://www.scopus.com/authid/detail.uri?authorid=57220047502	Public Policy	Department of Public Policy, MAHE, Bengaluru	Voting, Election, Polarisation, Identity	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Rajesh Mahadeva	https://www.scopus.com/authid/detail.uri?authorid=57204158068	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, English Literature, Generative AI, AI-generated Writing, Human Experience	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Rajesh Mahadeva	https://www.scopus.com/authid/detail.uri?authorid=57204158068	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, AI-generated Literature, Contemporary Literature, Technology, Human-Machine Relationships, Emotional Depth	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Rajesh Mahadeva	https://www.scopus.com/authid/detail.uri?authorid=57204158068	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Machine Creativity, Human Creativity, Artificial Intelligence, Authorship, Originality	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Anupama B N	https://researcher.manipal.edu/en/persons/anupama-b-n	Liberal Arts, Humanities and Social Sciences	Manipal Institute of Liberal Arts, Humanities and Social Sciences (MILHS), Bengaluru	trauma, memory, gender, war, intersectionality, Indian Writings in English	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Anupama B N	https://researcher.manipal.edu/en/persons/anupama-b-n	Liberal Arts, Humanities and Social Sciences	Manipal Institute of Liberal Arts, Humanities and Social Sciences (MILHS), Bengaluru	Cultural hybridity, identity, intersectionality, assimilation, acculturation	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Swathi Shivanand	https://www.scopus.com/authid/detail.uri?authorid=55633626700	Liberal Arts, Humanities and Social Sciences	Manipal Institute of Liberal Arts, Humanities and Social Sciences (MILHS), Bengaluru	Indian Politics/Contemporary India/Karnataka/Contemporary History	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Swathi Shivanand	https://www.scopus.com/authid/detail.uri?authorid=55633626700	Liberal Arts, Humanities and Social Sciences	Manipal Institute of Liberal Arts, Humanities and Social Sciences (MILHS), Bengaluru	Urban Studies/Migration/Inequality/Environment	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Purushottam Kesar	https://www.scopus.com/authid/detail.uri?authorid=57313549000	Architecture	Manipal School of Architecture & Planning, Manipal	Urban Studies, Human Geography, Urban Sociology	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Purushottam Kesar	https://www.scopus.com/authid/detail.uri?authorid=57313549000	Architecture	Manipal School of Architecture & Planning, Manipal	Urban Studies, Human Geography, Urban Sociology, Digital Humanities	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Purushottam Kesar	https://www.scopus.com/authid/detail.uri?authorid=57313549000	Architecture	Manipal School of Architecture & Planning, Manipal	Urban Studies, Human Geography, Urban Sociology	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME / PART TIME CANDIDATES
Dr. Keya Chakraborty	https://researcher.manipal.edu/en/persons/keya-chakraborty	SMI	Srishti Manipal Institute Of Art,Design & Technology, Bengaluru	Keywords: pluriverse, ecocentric learning, place-responsive, community-led, participation and co-creation. Domain Knowledge: Architects, Geographers, Ecologists, Environmental Science	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Kiran Mariapudi	https://www.scopus.com/authid/detail.uri?authorid=58768263100	TAPMI	T A Pai Management Institute, Bengaluru	Organizational Behaviour, Work Psychology / Technostress, digital well-being, Industry 4.0	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Kiran Mariapudi	https://www.scopus.com/authid/detail.uri?authorid=58768263100	TAPMI	T A Pai Management Institute, Bengaluru	Organizational Behavior, Knowledge Management, Social Network Analysis	Management, Liberal Arts, Humanities, Social Sciences and Law	HUMANITIES, PHILOSOPHY, LIBERAL ARTS, SOCIAL SCIENCES	FULL TIME CANDIDATES ONLY
Dr. Ramya Shenoy Kudpi	https://researcher.manipal.edu/en/persons/ramya-shenoy	Public Health Dentistry	Manipal College of Dental Sciences, Mangalore	Legal aspects in dentistry /Legal, dentistry , Act./ Dental , Law	Management, Liberal Arts, Humanities, Social Sciences and Law	LAW	FULL TIME / PART TIME CANDIDATES
Dr. Sunil John	https://orcid.org/0000-0002-5544-3306	Law	Manipal Law School, Bengaluru	Environmental Law, Sustainable Development, Human Rights, Rights of the forest dwellers, Government policies, International Law, International treaties and United Nations	Management, Liberal Arts, Humanities, Social Sciences and Law	LAW	FULL TIME / PART TIME CANDIDATES
Dr. Sunil John	https://orcid.org/0000-0002-5544-3306	Law	Manipal Law School, Bengaluru	Legal History, Colonialism, East India Company, legal Institutions, social transformation, Modern Indian legal systems,	Management, Liberal Arts, Humanities, Social Sciences and Law	LAW	FULL TIME / PART TIME CANDIDATES
Dr. Sunil John	https://orcid.org/0000-0002-5544-3306	Law	Manipal Law School, Bengaluru	Human Rights, WTO regimes, international trade, dispute redressal mechanisms, Case studies from the WTO	Management, Liberal Arts, Humanities, Social Sciences and Law	LAW	FULL TIME / PART TIME CANDIDATES
Dr. Manjushree G Naik	https://scholar.google.com/citations?view_op=search_authors&mauthors=manjushree+G+Naik&hl=en&oi=a0	School of Communication	Manipal Institute of Communication, Manipal	Applicants should have a basic understanding of media and communication, gender studies, digital media, journalism, sociology or related social sciences. Familiarity with research methodology and digital platforms will be an advantage. Keywords: Gender, Communication, Digital Media, Artificial Intelligence, Algorithms, Women, Representation, Digital Inequality, Social Media, Journalism, Online Violence, Intersectionality.	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Manjushree G Naik	https://scholar.google.com/citations?view_op=search_authors&mauthors=manjushree+G+Naik&hl=en&oi=a0	School of Communication	Manipal Institute of Communication, Manipal	Applicants should preferably have knowledge of Media and Communication, Journalism, Gender Studies, Sociology, Cultural Studies, Religious Studies or related social sciences. Familiarity with qualitative/quantitative research methods, media analysis and digital platforms would be advantageous. Keywords: Religion, Gender, Religious Communication, Media, Digital Religion, Women, Representation, Identity, Social Media, Religious Discourse, Digital Communities, Intersectionality.	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Shilpa Kalyan	https://researcher.manipal.edu/en/persons/shilpa-kalyan/	Liberal Arts, Humanities and Social Sciences	Department of Liberal Arts, Humanities and Social Sciences, MAHE, Bengaluru	Media Literacy, Misinformation, Media Effects, Media Representations	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shilpa Kalyan	https://researcher.manipal.edu/en/persons/shilpa-kalyan/	Liberal Arts, Humanities and Social Sciences	Department of Liberal Arts, Humanities and Social Sciences, MAHE, Bengaluru	Artificial Intelligence, Technology adoption, Media Literacy, Higher Education, Media Education	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Shilpa Kalyan	https://researcher.manipal.edu/en/persons/shilpa-kalyan/	Liberal Arts, Humanities and Social Sciences	Department of Liberal Arts, Humanities and Social Sciences, MAHE, Bengaluru	Marketing Communication, Brand Communication, Diversity & Inclusion, Consumer Behaviour, Digital Marketing	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Shubha H S	https://scholar.google.com/citations?user=GK_95YgAAAAI&hl=en	Media Studies	Manipal Institute of Communication, Manipal	Digital Media, Platform studies, Media consumption and engagement, Gender and Media related topics, sustainability and communication, Folk communication,, Religion/cultural communication	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Debjani Halder	https://www.scopus.com/authid/detail.uri?authorid=59971604400	Media Studies	Manipal Institute of Communication, Manipal	**Research Area:** Film Studies, Filmmaking and Practice-Based Research. **Research Topic:** Critical and creative investigations of cinema, focusing on migration, gender, visual ethnography, feminist film theory, film history, archives and pedagogy. **Keywords:** Film Studies; Filmmaking; Practice-Based Research; Migration; Gender; Feminist Film Theory; Film History; Film Pedagogy; Film Archives; Visual Ethnography; Documentary Cinema; Memory; Identity; Displacement; South Asian Cinema; Cultural Studies. **Domain Knowledge Requirements:** Applicants should have a foundational understanding of film theory, film history, filmmaking and qualitative research methods. Familiarity with feminist film theory, gender and migration studies, visual ethnography, documentary practice, archival research, oral history and the politics of representation is desirable. Candidates from Film, Media, Communication, Cultural Studies, Gender Studies, History or related discipline	Management, Liberal Arts, Humanities, Social Sciences and Law	MEDIA AND COMMUNICATION	FULL TIME CANDIDATES ONLY
Dr. Anoop Kumar Shukla	https://researcher.manipal.edu/en/persons/anoop-kumar-shukla/	Architecture	Manipal School of Architecture & Planning, Manipal	ArcGIS / QGIS, Remote sensing, Google Earth Engine (GEE), Python, R, SHAP Library	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Roshan S Shetty	https://www.scopus.com/authid/detail.uri?authorid=59248159700&origin=AuthorEval	Architecture	Manipal School of Architecture & Planning, Manipal	Healthcare Sustainability, Healthcare Management, Hospital Performance, Corporate Social Responsibility	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Roshan S Shetty	https://www.scopus.com/authid/detail.uri?authorid=59248159700&origin=AuthorEval	Architecture	Manipal School of Architecture & Planning, Manipal	Positive Distraction, Healing Environment Design, Evidence-Based Design, Wellbeing, Hospital environment	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Roshan S Shetty	https://www.scopus.com/authid/detail.uri?authorid=59248159700&origin=AuthorEval	Architecture	Manipal School of Architecture & Planning, Manipal	Construction Project Performance, Project Success Factors, Risk and Quality Management, Sustainable Construction, Stakeholder Management	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Sasmita Chand	https://researcher.manipal.edu/en/persons/sasmita-chand/	Architecture	Manipal School of Architecture & Planning, Manipal	Textile Waste; Waste Characterization; Valorization; Circular Economy; Textile Recycling; Environmental Remediation	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Sasmita Chand	https://researcher.manipal.edu/en/persons/sasmita-chand/	Architecture	Manipal School of Architecture & Planning, Manipal	Industrial Solid Waste; Leachate; Environmental Risk; Low-Cost Treatment; Adsorption; Sustainable Waste Management	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Shanta Pragyan Dash	https://researcher.manipal.edu/en/persons/shanta-pragyan-dash/	Architecture	Manipal School of Architecture & Planning, Manipal	Research Area: Sustainable Architecture, Climate-Responsive Design, Building Materials, and Resilient Human Settlements Research Topic: Integration of Climate-Responsive Architectural Strategies and Sustainable Building Materials for Developing Resilient, Low-Carbon, and Context-Sensitive Human Settlements Keywords: Climate-Responsive Architecture; Sustainable Building Materials; Resilient Human Settlements; Domain Knowledge Requirements: Architecture and sustainable design (PG)	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Shanta Pragyan Dash	https://researcher.manipal.edu/en/persons/shanta-pragyan-dash/	Architecture	Manipal School of Architecture & Planning, Manipal	Research Area: Social Architecture, Inclusive Design, Community-Based Planning, and Sustainable Human Settlements Research Topic: Investigating participatory architectural and planning approaches to create inclusive, culturally responsive, accessible, and socially resilient built environments Keywords: Social Architecture; Inclusive Design; Participatory Planning; Community Engagement; Social Sustainability; Domain Knowledge Requirements: Architecture and Urban Planning/Urban Design (PG)	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Shantharam Patil	https://researcher.manipal.edu/en/persons/shantharama-patil/	Architecture	Manipal School of Architecture & Planning, Manipal	Architecture, Virtual Reality (VR), Mixed Reality (MR), Building Information Modelling (BIM), Computational design, Digital fabrication	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Vipin Tandon	https://researcher.manipal.edu/en/persons/vipin-tdandon/	Architecture	Manipal School of Architecture & Planning, Manipal	Earth Sciences	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Vipin Tandon	https://researcher.manipal.edu/en/persons/vipin-tdandon/	Architecture	Manipal School of Architecture & Planning, Manipal	Water Resource Management	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Pradeep G Kini	https://researcher.manipal.edu/en/persons/pradeep-g-kini/	Architecture	Manipal School of Architecture & Planning, Manipal	Building Energy Policy, Regulatory Frameworks, and Sustainable Construction	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Kirti Nishant Nikam	https://researcher.manipal.edu/en/persons/kirti-nishant-nikam-2/	Architecture	Manipal School of Architecture & Planning, Manipal	Urban studies, Childhood development, Architecture, Public health, Policy frameworks, and Spatial design	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Kirti Nishant Nikam	https://researcher.manipal.edu/en/persons/kirti-nishant-nikam-2/	Architecture	Manipal School of Architecture & Planning, Manipal	Heritage Conservation, Sustainable Development, Community Participation, Adaptive Reuse, Cultural Sustainability	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Kirti Nishant Nikam	https://researcher.manipal.edu/en/persons/kirti-nishant-nikam-2/	Architecture	Manipal School of Architecture & Planning, Manipal	Human-Nature Interaction, Place Attachment, Sustainable Behaviour, Psychological Impact of Climate Change, Urban Health	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Anoop Kumar Shukla	https://researcher.manipal.edu/en/persons/anoop-kumar-shukla/	Architecture	Manipal School of Architecture & Planning, Manipal	Unmanned Aerial Vehicle (UAV), Crop Yield Estimation, Machine Learning, Multispectral Remote Sensing, GIS, Precision Agriculture, Vegetation Indices,	Technology and Science	ARCHITECTURE	FULL TIME / PART TIME CANDIDATES
Dr. Keya Chakraborty	https://researcher.manipal.edu/en/persons/keya-chakraborty	SMI	Srishti Manipal Institute Of Art,Design & Technology, Bengaluru	Keywords: sustainability transformation; transition design, wicked problems, pluriverse, system thinking. Domain knowledge: Architecture, Civil engineering, Geography, Ecology, Social science	Technology and Science	ARCHITECTURE	FULL TIME CANDIDATES ONLY
Dr. Bhagyalaxmi	https://researcher.manipal.edu/en/persons/bhagyalaxmi/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Material Science, Biodegradable quenchants, Sustainable Heat treatment, Microstructure, Renewable quenchants, Mechanical properties, Material science, Heat treatment principles and Techniques	Technology and Science	ARTS, DESIGN & TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Bhagyalaxmi	https://researcher.manipal.edu/en/persons/bhagyalaxmi/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Material Science, Optimization, Sustainable Heat treatment, Microstructure, Mechanical properties, Material science, Heat treatment principles and Techniques	Technology and Science	ARTS, DESIGN & TECHNOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Bharath Raja Guru	https://www.scopus.com/authid/detail.uri?authorid=36672864000	Biotechnology	Manipal Institute of Technology, Manipal	Biotechnology/regenerative medicine/tissue engineering/ stem cell research	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Chethan K N	https://www.scopus.com/authid/detail.uri?authorid=57190621120	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Computational Biomechanics and Orthopedic Implant Engineering	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Chethan K N	https://www.scopus.com/authid/detail.uri?authorid=57190621120	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Computational biomechanics; finite element analysis; ANSYS; CATIA; 3D Slicer; Bonemat	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Gajanan Anne	https://researcher.manipal.edu/en/persons/gajanan-anne/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Material science, Microbiology, Biotechnology	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Gajanan Anne	https://researcher.manipal.edu/en/persons/gajanan-anne/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Material Science, biology, microbiology,	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Harisha S R	https://www.scopus.com/authid/detail.uri?authorid=57192236417	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Mathematical modeling, weather, Crop disease	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Kapil Sadani	https://researcher.manipal.edu/en/persons/kapil-sadani/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Basic Biology, Physics and Chemistry, Food adulteration; foodborne toxins; biosensors; rapid diagnostics;	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Madhusudan Kulkarni	https://researcher.manipal.edu/en/persons/madhusudan-kulkarni/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Paper-Based Microfluidics Immunosensors Point-of-Care Diagnostics Protein Biomarkers Electrochemical Biosensors	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Mathew Peter	https://researcher.manipal.edu/en/persons/mathew-peter/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Cancer Biology, Bone Tissue Engineering, and Tumor Microenvironment Modelling, Mammalian cell culture and 3D co-culture technique, Biomaterials, scaffolds, and tissue-engineered models	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Mithun Vijay Kanchan	https://researcher.manipal.edu/en/persons/mithun-vijay-kanchan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Creatinine, Microfluidics, Diagnosis, Lab-on-chip, Colorimetric detection	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Mukunthan K S	https://researcher.manipal.edu/en/persons/mukunthan-k-s/	Biotechnology	Manipal Institute of Technology, Manipal	MXene bioelectronic skin Artificial intelligence Multimodal biosensing Self-powered wearable sensors Sweat biomarker monitoring Flexible bioelectronics Personalized healthcare Early disease prediction	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Murthy B R N	https://researcher.manipal.edu/en/persons/murthy-b-r-n/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Technical Lignin-based high performance polymer composites; Lignin modification; Lignin polymerization; Biocomposites; Sustainable materials; Polymer matrices; Circular bioeconomy.	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Naresh Mandal	https://www.scopus.com/authid/detail.uri?authorid=57205631972	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Glassy Carbon Electrode (GCE), Hepatitis B Virus (HBV), Hepatitis B Surface Antigen (HBsAg), Electrochemical Immunosensor, Nanocomposite Interfacing, Differential Pulse Voltammetry (DPV), Point-of-Care Serology	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Naresh Kumar Mani	https://researcher.manipal.edu/en/persons/naresh-kumar-mani/	Biotechnology	Manipal Institute of Technology, Manipal	Biotechnology/Analytical Chemistry/Interdisciplinary research/ Preference will be given to GATE & National scholars	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Nethaji S	https://researcher.manipal.edu/en/persons/nethaji-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Photoactive Biomaterials, Antibacterial Biomaterials, Antimicrobial Photodynamic Therapy, Biomaterial Characterization	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Rajesh J	https://www.scopus.com/authid/detail.uri?authorid=58738422400	Biotechnology	Manipal Institute of Technology, Manipal	Biochar–bacteria coupling; Adsorption–biodegradation mechanism; Life Cycle Assessment; Bioremediation; Techno-economic feasibility	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Sawan Shetty	https://researcher.manipal.edu/en/persons/sawan-shetty/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Biomaterials, nanomaterials	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Vidhu Sankar Babu	https://researcher.manipal.edu/en/persons/vidhu-sankar-babu/	Plant Sciences	Manipal School of Life Sciences, Manipal	Mimosa pudica; gnosophysiology; plant cognition; thigmomasty; mechanoperception; habituation; memory-like response; action potential; calcium signalling; pulvinus; turgor movement; high-throughput phenotyping; movement phenomics; stimulus discrimination; plant behaviour.	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Vidhu Sankar Babu	https://researcher.manipal.edu/en/persons/vidhu-sankar-babu/	Plant Sciences	Manipal School of Life Sciences, Manipal	Callandra haematocephala; gnosophysiology; nyctinasty; circadian rhythm; leaflet movement; pulvinus; chronobiology; environmental sensing; light entrainment; temperature response; calcium dynamics; ion transport; turgor regulation; time-series phenomics; plant behaviour.	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Deepak Khare	https://www.scopus.com/authid/detail.uri?authorid=57216675899	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Artificial organs development, Tissue Engineering, Regenerative medicine, 3D Printing, Surface engineering	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Deepak Khare	https://www.scopus.com/authid/detail.uri?authorid=57216675899	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Orthopedic implant, Smart manufacturing, Surface engineering, Tissue engineering	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Deepak Khare	https://www.scopus.com/authid/detail.uri?authorid=57216675899	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Biomedical device development, Cardiac tissue engineering, Surface engineering	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Girish C R	https://www.scopus.com/authid/detail.uri?authorid=5615659000	Chemical Engineering	Manipal Institute of Technology, Manipal	plant sources, adsorption, plant sources, biochar, emerging contaminant, wastewater	Technology and Science	BASIC SCIENCE: BIOLOGY	FULL TIME CANDIDATES ONLY
Dr. Adarsh Rag S	https://researcher.manipal.edu/en/persons/adarsh-rag-s/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Research Area / Research Topic: Supercapacitors, Energy Storage Materials, Graphene-Based Electrode Materials Keywords: Supercapacitor, Graphene, Electrode Materials, Nanomaterials, Energy Storage, Electrochemical Performance Domain Knowledge Requirements: Basic knowledge of materials science	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ananda Hegde	https://www.scopus.com/authid/detail.uri?authorid=57202323368	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Materials Engineering; Corrosion	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Anupama Rajendra Hiremath	https://researcher.manipal.edu/en/persons/anupama-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Polymer composite, fiber material, Impact enhancement, performance analysis	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar H S	https://researcher.manipal.edu/en/persons/arunkumar-h-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Composite membranes; Solar air heater; Humidity control; Water-vapour transport; Membrane regeneration; Synthesis and Characterisation	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ashwatha Narayana Prabhu	https://researcher.manipal.edu/en/persons/ashwatha-n-prabhu/	Physics	Manipal Institute of Technology, Manipal	Chalcogenides, solid state reaction, ink formulation, screen printing, thermoelectric devices, Seebeck coefficient, power output, power factor, power density.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Atanu Das	https://researcher.manipal.edu/en/persons/atanu-das/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	This research investigates defect-engineered MoS ₂ /reduced-graphene-oxide heterostructures grown hydrothermally on carbon cloth for flexible supercapacitor electrodes. Sulfur-vacancy engineering and rGO incorporation will be used to increase electrochemically active sites, improve conductivity, control interlayer spacing, and suppress MoS ₂ restacking. Direct growth on carbon cloth will provide a flexible, binder-free conductive network. The influence of synthesis conditions and composite composition on morphology, defect concentration, charge-transfer resistance, capacitance, rate capability, and cycling stability will be examined. Electrochemical performance will be evaluated using cyclic voltammetry, galvanostatic charge-discharge, and impedance spectroscopy. The optimized electrode will be employed to fabricate a flexible solid-state supercapacitor.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Bhavanari Mallikarjun	https://www.scopus.com/authid/detail.uri?authorid=57216947103	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Nano, thin film, electrocatalysts, hydrogen, energy, sensor, composites, renewable energy, biosensor, nanostructures, novel materials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Dhanya Sunil	https://researcher.manipal.edu/en/persons/dhanya-sunil/	Chemistry	Manipal Institute of Technology, Manipal	Synthesis, characterization techniques, communication skills	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Dhanya Sunil	https://researcher.manipal.edu/en/persons/dhanya-sunil/	Chemistry	Manipal Institute of Technology, Manipal	ORGANIC SYNTHESIS, FLUORESCENT MOLECULES, MATERIAL SCIENCE, SECURITY INKS, SENSORS	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Enaganti Prasanth Kumar	https://www.scopus.com/authid/detail.uri?authorid=57215010899	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Supercapacitors, electrode materials, electrochemical analysis, nanomaterials, carbon materials, conducting polymers, flexible devices, cyclic voltammetry, impedance spectroscopy.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Fasiulla	https://researcher.manipal.edu/en/persons/fasiulla-khan/	Chemistry	Manipal Institute of Technology, Manipal	Phthalocyanine catalysts, Metallophthalocyanines, Water electrolysis, Hydrogen evolution reaction (HER), Oxygen evolution reaction (OER), Renewable energy , Electrocatalysis	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Fasiulla	https://researcher.manipal.edu/en/persons/fasiulla-khan/	Chemistry	Manipal Institute of Technology, Manipal	photodynamic therapy (PDT); cancer therapy; photosensitizers; singlet oxygen; reactive oxygen species; red-light activation; tumor targeting; zinc phthalocyanine; apoptosis.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Fasiulla	https://researcher.manipal.edu/en/persons/fasiulla-khan/	Chemistry	Manipal Institute of Technology, Manipal	Phthalocyanine, conducting polymers, supercapacitors, energy storage, carbon composites, redox activity, pseudocapacitance, graphene, electrochemical performance	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Gajanan Anne	https://researcher.manipal.edu/en/persons/gajanan-anne/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Material Science, Chemistry, Corrosion	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Gautham P Jeppu	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=gautham+jeppu&btnG=&oeq	Chemical Engineering	Manipal Institute of Technology, Manipal	chemistry, water treatment, adsorption	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Girish M G	https://researcher.manipal.edu/en/persons/girish-m-g/	Civil Engineering	Manipal Institute of Technology, Manipal	Biochar, Wastewater Treatment, Circular Economy, Contaminant Removal	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Gouri Syamala Rao Mullapudi	https://www.scopus.com/authid/detail.uri?authorid=57222052617	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Metal-Oxide Framework (MOF), Thin film Transistors (TFTs), Bio Sensors, Health Monitoring.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Gowri Shankar M C	https://www.scopus.com/authid/detail.uri?authorid=25644800700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Biodegradable polymers, polymer composites, green chemistry, eco-friendly materials, polymer synthesis, natural fibres, starch, cellulose, biodegradation, recycling, sustainable packaging, bioplastics, material characterization, FTIR, SEM, DSC, TGA, mechanical properties	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Gowri Shankar M C	https://www.scopus.com/authid/detail.uri?authorid=25644800700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Aluminum alloy, ferrous particles, metal matrix composites, corrosion behaviour, materials chemistry, heat treatment, microstructure, intermetallic phases, oxide layer, wear resistance, electrochemical testing, SEM-EDS, XRD, protective coatings.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Gurumurthy B M	https://www.scopus.com/authid/detail.uri?authorid=56989656700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Nanocomposites, Electrochemical Sensors, Pesticide Residues, Food Safety, Nanomaterials, Electrochemical Detection.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Gururaj Bolar	https://www.scopus.com/authid/detail.uri?authorid=57194114093	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Surface engineering, Corrosion resistance, Antibacterial surfaces, Biomaterials, Healthcare solutions, Sustainable material processing	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Harisha S R	https://www.scopus.com/authid/detail.uri?authorid=57192236417	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Agriculture, IoT, Artificial Intelligence and Machine Learning	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Harshini Dasari	https://www.manipal.edu/mu/directorate-of-research/pure.html	Chemical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, Heterogenous catalysis, Catalysis	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Kapil Sadani	https://researcher.manipal.edu/en/persons/kapil-sadani/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Basic Chemistry and Physics, Emerging contaminants; electrochemical sensors; electrocatalysis	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Lavanya M	https://www.scopus.com/results/authorNamesList.uri?name=name&st1=Lavanya&st2=Mulky&institute=Manipal+Academy+of+Higher+Education&origin=searchauthorlookup	Chemical Engineering	Manipal Institute of Technology, Manipal	Chemistry, Biology, Chemical Engineering	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Madhusudan Kulkarni	https://researcher.manipal.edu/en/persons/madhusudan-kulkarni/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Laser-Induced Graphene Wearable Biosensors Electrochemical Sensing Continuous Health Monitoring Flexible Electronics	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Madhwesh N	https://www.scopus.com/authid/detail.uri?authorid=54383601700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic Science	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath Shettar	https://www.scopus.com/authid/detail.uri?authorid=56938862400	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Polymer chemistry, Organic and surface chemistry, Pyrolysis and carbonization, different characterization techniques, SEM/EDS, and surface morphology	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath Shettar	https://www.scopus.com/authid/detail.uri?authorid=56938862400	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Lignocellulosic and cellulose chemistry, Polymer chemistry, Natural-fiber surface chemistry, Alkali and silane treatments, Acetylation and coupling-agent chemistry, different characterization techniques, SEM/EDS, and surface morphology	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath Shettar	https://www.scopus.com/authid/detail.uri?authorid=56938862400	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Polymer chemistry, Inorganic and materials chemistry, Agricultural and industrial waste characterization, Waste processing and valorization, Calcination and thermal treatment, different characterization techniques, SEM/EDS, and surface morphology	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Mithun Vijay Kanchan	https://researcher.manipal.edu/en/persons/mithun-vijay-kanchan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Creatinine, Microfluidics, Diagnosis, Lab-on-chip, Colorimetric detection	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Murthy Dharmapura	https://researcher.manipal.edu/en/persons/murthy-dharmapura/	Chemistry	Manipal Institute of Technology, Manipal	hydrogen, nanotechnology, semiconductors, sustainability, photocatalysis, green energy, waste-to-value, spectroscopy, physical chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Murthy Dharmapura	https://researcher.manipal.edu/en/persons/murthy-dharmapura/	Chemistry	Manipal Institute of Technology, Manipal	2D materials, hydrogen, nanotechnology, semiconductors, sustainability, photocatalysis, green energy, spectroscopy, physical chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Nagaraja Shetty	https://manipal.pure.elsevier.com/en/persons/nagaraja-shetty	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Chemistry, Materials, Composite/Cellulose Nanocrystals (CNCs), Interfacial Chemistry, Thermochemical Degradation, Machinability Optimization/Chemistry, Material Science	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Naresh Mandal	https://www.scopus.com/authid/detail.uri?authorid=57205631972	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Glassy Carbon Electrode (GCE), Parkinson's Disease, Alpha-Synuclein Oligomers, Dopamine Detection, Electrochemical Biosensors, Nanocomposites	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Nethaji S	https://researcher.manipal.edu/en/persons/nethaji-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Catalysis, Effluent Treatment, Antimicrobial Resistance	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Nitinkumar S Shetty	https://manipal.pure.elsevier.com/en/persons/nitinkumar-s-shetty	Chemistry	Manipal Institute of Technology, Manipal	Fluorescent Heterocyclic materials, Synthetic Organic Chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Nitinkumar S Shetty	https://manipal.pure.elsevier.com/en/persons/nitinkumar-s-shetty	Chemistry	Manipal Institute of Technology, Manipal	Synthetic Organic Chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Omkar S Powar	https://www.scopus.com/authid/detail.uri?authorid=57200753447	Biomedical Engineering	Manipal Institute of Technology, Manipal	Research Area: Biomedical Engineering — Point-of-Care Diagnostics & AI-Enabled Medical Devices Keywords: Point-of-care diagnostics, Microfluidics, Colorimetry, Convolutional Neural Networks, Machine Learning, Biosensors, Image Processing, Embedded Systems (Raspberry Pi), Xurography, Smartphone-based/Instrument-free Diagnostics, Glucose Monitoring	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Pavan Hiremath	https://researcher.manipal.edu/en/persons/pavan-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic knowledge of inorganic/physical chemistry, chemical reactions, solution preparation, and laboratory practices is sufficient. Familiarity with electrochemistry or material characterization is desirable but not mandatory. Advanced knowledge of nanochemistry or sophisticated synthesis techniques is not expected at the entry stage.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Poornima Bhagavath	https://researcher.manipal.edu/en/persons/poornima-bhagavath/	Chemistry	Manipal Institute of Technology, Manipal	Liquid Crystals, Soft Matter, Materials Chemistry, Nanomaterials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Poornima Bhagavath	https://researcher.manipal.edu/en/persons/poornima-bhagavath/	Chemistry	Manipal Institute of Technology, Manipal	Liquid Crystals, Soft Matter, Materials Chemistry, Nanomaterials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Pramod Martha	https://www.scopus.com/authid/detail.uri?authorid=57191595427	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Materials Science and Polymer Engineering Research Topic: Synthesis and Characterization of Self-Healing Conductive Polymer Composites for Wearable Sensors and Actuators Keywords: Conductive polymers, self-healing materials, polymer composites, flexible materials, wearable sensors, soft actuators Domain Knowledge Requirements: Polymer chemistry, materials synthesis, nanomaterials, composite materials, and material characterization techniques.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Pramod Balwantrao Salunkhe	https://www.scopus.com/authid/detail.uri?authorid=36701993500	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Catalysis, Fuel cell, Heat Transfer	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Preethi Kumari P	https://researcher.manipal.edu/en/persons/preethi-p-kumari/	Chemistry	Manipal Institute of Technology, Manipal	Green synthesis, Heterocyclic compound, hybrid composite, corrosion, Molecular dynamic simulation	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Pushpanjali	https://www.scopus.com/authid/detail.uri?authorid=57196467214	Chemistry	Manipal Institute of Technology, Manipal	Bio-inspired nanomaterials from natural resources Green synthesis using plant extracts and biopolymers Sustainable nanomaterial production Biomass-derived nanocomposites	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Pushpanjali	https://www.scopus.com/authid/detail.uri?authorid=57196467214	Chemistry	Manipal Institute of Technology, Manipal	Environmental Nanotechnology and Water Treatment, Functional polymer synthesis Polymeric nanocomposites Surface modification and functionalization	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Pushpanjali	https://www.scopus.com/authid/detail.uri?authorid=57196467214	Chemistry	Manipal Institute of Technology, Manipal	Nanoformulated corrosion inhibitors Nanocomposite protective coatings Functional nanoparticles for anticorrosion Smart and responsive coating systems	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Raja S	https://researcher.manipal.edu/en/persons/raja-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Rajesh J	https://www.scopus.com/authid/detail.uri?authorid=58738422400	Biotechnology	Manipal Institute of Technology, Manipal	Tetracycline; green synthesis; metal oxide nanoparticles; Fenton oxidation; Fenton-like oxidation; advanced oxidation processes.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna Nayak	https://researcher.manipal.edu/en/persons/ramakrishna-nayak	Humanities and Management	Manipal Institute of Technology, Manipal	Keywords: Flexible Electrochemical Sensor; Heavy-Metal Detection; Nanomaterials; Mass Production; Water-Quality Monitoring; Environmental Sensing Domain knowledge required: Basic knowledge of materials science, nanotechnology, electrochemistry, flexible substrates, and sensor characterization is desirable. The topic is suitable for students interested in interdisciplinary, application-oriented research involving materials, electronics, and environmental monitoring.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna Vikas Sadanand	https://researcher.manipal.edu/en/persons/ramakrishna-vikas-sadanand/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Composite materials, Natural fiber composites, High-velocity impact testing, Defense materials, Aerospace materials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Ramesh V	https://researcher.manipal.edu/en/persons/ramesh-v/	Chemical Engineering	Manipal Institute of Technology, Manipal	chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ramesh V	https://researcher.manipal.edu/en/persons/ramesh-v/	Chemical Engineering	Manipal Institute of Technology, Manipal	chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ranjeet Kumar Mishra	https://www.scopus.com/authid/detail.uri?authorid=57210436119	Chemical Engineering	Manipal Institute of Technology, Manipal	Engineered biochar, pharmaceutical contaminants, Wastewater treatment, Adsorption, and Environmental remediation.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ranjeet Kumar Mishra	https://www.scopus.com/authid/detail.uri?authorid=57210436119	Chemical Engineering	Manipal Institute of Technology, Manipal	Biomass, catalysts, reaction mechanisms, bio oil, biochar	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Raviraj Shetty	https://www.scopus.com/authid/detail.uri?authorid=23470945300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Chemical Modification, Tribological Performance, Vegetable oil, Cutting fluids	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Saraswati Kulkarni	https://scholar.google.com/citations?user=N98Cr44AAAAI&hl=en	Biomedical Engineering	Manipal Institute of Technology, Manipal	Electrochemistry, Biosensors, Nanotechnology/Development of Electrochemical Biosensors for Early Diagnosis of Endometriosis/Electrochemical biosensors, diagnosis/Fundamentals of Electrochemistry (redox reactions, electrode kinetics), Principles of Biosensors (transduction mechanisms, sensitivity, selectivity), Basics of Nanotechnology (nanomaterial synthesis and properties)	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Saraswati Kulkarni	https://scholar.google.com/citations?user=N98Cr44AAAAI&hl=en	Biomedical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, 2D material synthesis and characterization, gas-sensing mechanisms, adsorption kinetics, semiconductor devices, sensor fabrication, electrical characterization, gas-flow systems, data analytics and machine learning.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Satish Shenoy B	https://researcher.manipal.edu/en/persons/satish-shenoy-b/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Polymers, Chemistry, Textile Engineering, Materials Science, Thermal Processing	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shailendra Kumar Tiwari	https://manipal.pure.elsevier.com/en/persons/shailendra-kumar-tiwari	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Microfluidics, Biomedical Sensors, Point-of-Care Diagnostics and Healthcare Technology Research Topic: Microfluidic Paper-Based Analytical Devices (μPADs), Salivary Glucose Biosensing, Advanced Nanomaterials, Smartphone-Based Detection and AI-Assisted Point-of-Care Diagnostics Keywords: Microfluidic Paper-Based Sensors; Salivary Glucose; Nanobiosensors; Smartphone-Based Detection; Point-of-Care Diagnostics Domain Knowledge Requirements: Microfluidics, Biosensors, Biomedical Instrumentation, Nanomaterials, Electrochemical/Colorimetric Sensing, Microfabrication, Signal Processing, Machine Learning/Artificial Intelligence, Smartphone-Based image Processing and Basic knowledge of biological samples.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Shanmuga Priya S	https://www.scopus.com/authid/detail.uri?authorid=57199407923	Chemical Engineering	Manipal Institute of Technology, Manipal	DFT, DOE, Machine learning	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Shanmuga Priya S	https://www.scopus.com/authid/detail.uri?authorid=57199407923	Chemical Engineering	Manipal Institute of Technology, Manipal	synthesis, characterisation, testing	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Shiva Kumar	https://manipal.edu/mit/departement-faculty/faculty-list/shiva-kumar.html	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	CO2 Adsorption, membranes, Physical, chemical characterization	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Shiva Kumar	https://manipal.edu/mit/departement-faculty/faculty-list/shiva-kumar.html	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Membrane science, Adsorption, Chemical Characterisation	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Shounak De	https://researcher.manipal.edu/en/persons/shounak-de/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Material synthesis, Metal oxides, Potentiostat, 2D Emerging materials, Energy storage	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Somashekara Bhat	https://researcher.manipal.edu/en/persons/somashekara-bhat/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Solid-state electrolytes, Electrochemical stability window, Wide-voltage-window supercapacitors, Voltage-window engineering.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Sowmya R Holla	https://www.manipal.edu/mit/departement-faculty/faculty-list/sowmya/_jcr_content.html	Chemistry	Manipal Institute of Technology, Manipal	Conductive inks; Metal-organic frameworks (MOFs); Flexible electrochemical devices; Micro supercapacitors	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Sridevi H	https://www.scopus.com/authid/detail.uri?authorid=57193909856	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	water treatment, nanomaterials, biochar, nutrient removal, regeneration	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Srinivas Kini	https://www.scopus.com/authid/detail.uri?authorid=56082289900	Chemical Engineering	Manipal Institute of Technology, Manipal	Biochar; Metal-organic frameworks (MOFs); Microplastics; Emerging contaminants; Wastewater treatment	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Srinivasulu M	https://researcher.manipal.edu/en/persons/maddasani-srinivasulu/publications/	Chemistry	Manipal Institute of Technology, Manipal	CHEMISTRY	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Srinivasulu M	https://researcher.manipal.edu/en/persons/maddasani-srinivasulu/publications/	Chemistry	Manipal Institute of Technology, Manipal	Materials Chemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Srinivasulu M	https://researcher.manipal.edu/en/persons/maddasani-srinivasulu/publications/	Chemistry	Manipal Institute of Technology, Manipal	Materials Chemistry / Electrochemistry	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Subash Acharya	https://researcher.manipal.edu/en/persons/subash-acharya/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Smart materials, Characterization of particles and fluid, Fluid rheology	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Suhas Y Nayak	https://researcher.manipal.edu/en/persons/suhas-yeshwant-nayak/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	High-velocity impact; Failure mechanisms; Energy absorption; Fibre-matrix interface; Defence applications	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Sunil Rathore	https://researcher.manipal.edu/en/persons/sunil-rathore/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Nanomaterials and Two-Dimensional Materials, Thin-Film Technology, Semiconductor Gas Sensors, Environmental and Healthcare Sensing	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Thirunavukkarasu I	https://www.scopus.com/authid/detail.uri?authorid=25928064400	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Chemistry, CSTR, Reaction rate, Non-Isothermal	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Vairavel P	https://researcher.manipal.edu/en/persons/vairavel-p/ https://www.scopus.com/authid/detail.uri?authorid=57194454716	Chemical Engineering	Manipal Institute of Technology, Manipal	Basic knowledge in Chemistry, material science, polymer/organic chemistry, semiconductor, synthesis and characterization of nanocomposite materials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Yashoda M P	https://researcher.manipal.edu/en/persons/yashodha-m-p/	Chemistry	Manipal Institute of Technology, Manipal	Biopolymer hydrogel, food freshness, intelligent packaging, anthocyanin, colorimetric sensing	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Yashoda M P	https://researcher.manipal.edu/en/persons/yashodha-m-p/	Chemistry	Manipal Institute of Technology, Manipal	Heat-resistant coatings; Dust-resistant coatings; Fly ash; Rice husk ash; Waste-derived fillers; Sustainable coatings	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Yashoda M P	https://researcher.manipal.edu/en/persons/yashodha-m-p/	Chemistry	Manipal Institute of Technology, Manipal	IoT, antimicrobial, nanocomposite, food preservation.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Suresh D Kulkarni	https://researcher.manipal.edu/en/persons/suresh-d-kulkarni/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Title: Nanomaterials for energy and environmental applications; Keywords: Nanomaterials, solar photocatalyst; Energy; Photoreformation; Domain Knowledge expected: spectroscopy, condensed matter physics, semiconductor, computer skills	Technology and Science	BASIC SCIENCE: CHEMISTRY	PART TIME CANDIDATES ONLY
Dr. Deepa Prabhu	https://www.scopus.com/authid/detail.uri?authorid=56350236100	Chemistry	Manipal Institute of Technology, Bengaluru	•Electrochemical Sensors •Metal-Organic Frameworks (MOFs) •Nanomaterials for Healthcare Applications •Analytical and Bioanalytical Chemistry Keywords Cortisol Detection, Stress Biomarker, Electrochemical Biosensor, Metal-Organic Frameworks (MOFs), Nanomaterials Domain Knowledge Requirements The candidate/researcher working on this project should possess knowledge in the following areas: 1. Materials Chemistry and Nanotechnology 2. Electrochemistry and Sensor Technology 3. Biomedical Sciences and Analytical Chemistry 4. Instrumentation and Characterization Techniques 5. Data Analysis and Statistical Validation	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Deepa Prabhu	https://www.scopus.com/authid/detail.uri?authorid=56350236100	Chemistry	Manipal Institute of Technology, Bengaluru	Research Area: •Nanotechnology for Environmental Monitoring •Electrochemical Sensors •Environmental Analytical Chemistry •Advanced Functional Nanomaterials Keywords: Environmental Contaminants, Electrochemical Sensors, Nanomaterials, Functional Nanomaterials, Environmental Monitoring, Water Quality Analysis, Soil Contamination, Heavy Metal Detection, Pollutant Sensing Domain Knowledge Requirements: 1. Materials Science and Nanotechnology 2. Electrochemistry and Sensor Development	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Deepa Prabhu	https://www.scopus.com/authid/detail.uri?authorid=56350236100	Chemistry	Manipal Institute of Technology, Bengaluru	Research Area: Electrochemistry, Corrosion Science & Computational Materials Science Keywords: Aluminium alloys, Marine corrosion, Computational modelling, Density Functional Theory, Electrochemical corrosion	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Manasa K	https://www.scopus.com/authid/detail.uri?authorid=57194002837	Chemistry	Manipal Institute of Technology, Bengaluru	Environmental Chemistry, Biomass Valorisation, Sustainable Materials and Green Chemistry, Environmental Remediation, Functional Materials	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Ritwik Modak	https://www.scopus.com/authid/detail.uri?authorid=55582980000	Chemistry	Manipal Institute of Technology, Bengaluru	Coordination Chemistry, Lanthanide, Luminescence, Chemosensors	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ritwik Modak	https://www.scopus.com/authid/detail.uri?authorid=55582980000	Chemistry	Manipal Institute of Technology, Bengaluru	Homo- and heterometallic complexes; Bio-inspired catalysis; Metalloenzyme models; Metal-metal cooperativity; Coordination chemistry.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ritwik Modak	https://www.scopus.com/authid/detail.uri?authorid=55582980000	Chemistry	Manipal Institute of Technology, Bengaluru	Homo- and heterometallic complexes; Photophysical properties; Energy transfer; Luminescent materials.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Manasa K	https://www.scopus.com/authid/detail.uri?authorid=57194002837	Chemistry	Manipal Institute of Technology, Bengaluru	Biomass Valorisation and Green Chemistry, Functional Materials and Chemical Sensors, Analytical and Environmental Chemistry, Colorimetric/Fluorescence-Based Sensing, Sustainable Materials and Environmental Monitoring	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Girish C R	https://www.scopus.com/authid/detail.uri?authorid=56156569000	Chemical Engineering	Manipal Institute of Technology, Manipal	wastewater, adsorption, biochar, isotherm, agricultural waste, emerging pollutant	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME CANDIDATES ONLY
Dr. Ramesh Potnuri	https://www.scopus.com/authid/detail.uri?authorid=57844160800	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Renewable-energy waste management, composite-material recycling, waste valorization, circular economy, and sustainable process engineering. Development of thermal, catalytic, chemical, and integrated processes for converting difficult-to-recycle wind turbine blade waste into fuels, chemicals, fibres, carbon-rich materials, and other value-added products. Wind turbine blade waste; composite recycling; glass-fibre-reinforced polymers; thermoset composites; pyrolysis; catalytic conversion; resource recovery; waste valorization; circular economy; process optimization; sustainability assessment; waste-to-value. Chemical Engineering, Civil Engineering, Mechanical Engineering, Materials Science, Environmental Engineering, Biotechnology, Chemistry, Physics, Energy Engineering, and related disciplines.	Technology and Science	BASIC SCIENCE: CHEMISTRY	FULL TIME / PART TIME CANDIDATES
Dr. Aasif Mohmad Lone	https://www.scopus.com/authid/detail.uri?authorid=57191498274	Civil Engineering	Manipal Institute of Technology, Manipal	Lake/Wetland Sediments; Tropical India Lakes; Southern India; Anthropocene; Late Holocene; Nutrient Cycling and Eutrophication; Biogeochemistry; Critical Zone Processes; Palst environment Reconstruction, Human Impacts	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME CANDIDATES ONLY
Dr. Aasif Mohmad Lone	https://www.scopus.com/authid/detail.uri?authorid=57191498274	Civil Engineering	Manipal Institute of Technology, Manipal	Soils and sediments, Geochemistry, Provenance Analysis, Weathering Studies	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME CANDIDATES ONLY
Dr. Aasif Mohmad Lone	https://www.scopus.com/authid/detail.uri?authorid=57191498274	Civil Engineering	Manipal Institute of Technology, Manipal	Coastal sediments; sediment provenance; chemical weathering; source-to-sink processes; sediment cores; estuaries; nearshore environments; elemental geochemistry; trace metals; stable isotopes; $\delta^{13}\text{C}$; $\delta^{15}\text{N}$; organic-matter sources; monsoon runoff; anthropogenic contamination; Chennai coast	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	PART TIME CANDIDATES ONLY
Dr. Binay Kumar Tripathy	https://www.scopus.com/authid/detail.uri?authorid=57197754744	Civil Engineering	Manipal Institute of Technology, Manipal	Emerging contaminant, Environment ecology, Geoenvironmental matrix, pollutant sensing, Electrochemical technique,	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME CANDIDATES ONLY
Dr. Jagadeesha B Pai	https://www.scopus.com/authid/detail.uri?authorid=15840220000	Civil Engineering	Manipal Institute of Technology, Manipal	remote sensing, GIS, traditional medicine practitioners, Indian Knowledge System	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Jagadeesha B Pai	https://www.scopus.com/authid/detail.uri?authorid=15840220000	Civil Engineering	Manipal Institute of Technology, Manipal	Coastal erosion, Geospatial techniques, Coastal zone, West coast	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Radhika Bhandary P	https://www.scopus.com/authid/detail.uri?authorid=58973740600	Civil Engineering	Manipal Institute of Technology, Manipal	Hydraulic conductivity, Rainfall infiltration, Seepage Analysis, Contaminant Transport, numerical modelling	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Sandesh Upadhyaya K	https://researcher.manipal.edu/en/persons/sandesh-upadhyaya-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Applicants are expected to work on the following areas: Climate Change, Dynamic ocean environment, wind-wave climate	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Sharanappagouda Kadabinakatti	https://researcher.manipal.edu/en/persons/sharanappagouda-b-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Weathered Rock Mass, Residual Soil, Discontinuity Mapping, Chemical Index of Alteration (CIA), Rock Mass Rating (RMR), Soil-Rock Interface, Shear Strength, Slope Stability	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Sowmya Gupta	https://researcher.manipal.edu/en/persons/sowmya-gupta/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Deep Learning, Crop Yield Prediction, Convolutional Neural Networks (CNNs), Smart Farming, Unmanned Aerial Vehicles (UAVs), AI ML	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Sughosh P	https://www.scopus.com/authid/detail.uri?authorid=35339944900	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	MICP; landfill leachate; landfill cover soil; soil stabilization; heavy metal immobilization; environmental safety; bio-cementation	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME / PART TIME CANDIDATES
Dr. Vairavel P	https://researcher.manipal.edu/en/persons/vairavel-p/ https://www.scopus.com/authid/detail.uri?authorid=57194454716	Chemical Engineering	Manipal Institute of Technology, Manipal	Basic knowledge in wastewater treatment, material science, synthesis and characterization of nanocomposite materials	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME CANDIDATES ONLY
Dr. Harini Santhanam	https://researcher.manipal.edu/en/persons/harini-santhanam/	Science and Humanities	Manipal Institute of Technology, Bengaluru	Environmental Science, Chemistry, Ecology, Geochemistry, Geology, Botany, Zoology, Remote Sensing, GIS	Technology and Science	BASIC SCIENCE: GEOLOGY AND ECOLOGY	FULL TIME CANDIDATES ONLY
Dr. Amar Mohan Shinde	https://researcher.manipal.edu/en/persons/amar-mohan-shinde/	Civil Engineering	Manipal Institute of Technology, Manipal	End-of-Life Vehicles; System Dynamics; Optimization; Vehicle Scrappage; Circular Economy	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Argha Ghosh	https://www.scopus.com/authid/detail.uri?authorid=57207030868	Mathematics	Manipal Institute of Technology, Manipal	Topology, Real Analysis, Functional Analysis, Mathematics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Ashish Agrawal	https://researcher.manipal.edu/en/persons/ashish-agrawal/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Heat Transfer Optimization ; Numerical Methods ; Computational Thermal Analysis ; Finite Element Method ; Thermo-Fluid Systems	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Ashwin Kumar Devaraj	https://researcher.manipal.edu/en/persons/ashwin-kumar-devaraj/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Mathematical analysis, free vibration, composite panels	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Athira T M .	https://www.scopus.com/authid/detail.uri?authorid=57211395544	Mathematics	Manipal Institute of Technology, Manipal	Research Area: Fuzzy set theory and decision-making problems Keywords: Fuzzy Set Theory, Fuzzy Information Measures, Multi-Criteria Decision Making, Uncertainty Modelling, Machine Learning	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Bindu S	https://www.scopus.com/authid/detail.uri?authorid=57190659736	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Mathematical modelling, Differential equations, Linear algebra and matrix theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Divya Shenoy P	https://researcher.manipal.edu/en/persons/divya-shenoy-p/	Mathematics	Manipal Institute of Technology, Manipal	Linear Algebra, Matrix Theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Girish H	https://www.scopus.com/authid/detail.uri?authorid=58061530100	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Applied Mathematics, Computational Mathematics, Fluid Mechanics, Numerical Analysis	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Girish H	https://www.scopus.com/authid/detail.uri?authorid=58061530100	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Applied Mathematics, Computational Mathematics, Numerical Analysis, Fluid Mechanics, and Scientific Computing	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Girish H	https://www.scopus.com/authid/detail.uri?authorid=58061530100	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Applied Mathematics, Computational Mathematics, Mathematical Fluid Mechanics, Numerical Analysis, Scientific Computing, and Data-Driven Modelling	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Girish M Sajjanshettar	https://www.scopus.com/authid/detail.uri?authorid=60380606000	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Manipal	General Topology and Its Applications in Various Scientific Disciplines	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Gowtham H J	https://researcher.manipal.edu/en/persons/gowtham-h-j/fingerprints/	Mathematics	Manipal Institute of Technology, Manipal	Linear Algebra, Graph Theory and Algebra	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Guruprasad T Shetty	https://researcher.manipal.edu/en/persons/guruprasad-t-shetty/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Computational Mathematics; Computational Mechanics, Physics-Informed Neural Networks (PINNs); Nonlinear Solid Mechanics; Finite Element Method (FEM).	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Harinakshi Karkera	https://www.scopus.com/authid/detail.uri?authorid=57196409472&featureToggles=FEATU RE_AUTHOR_DETAILS_BOTOX-1&at_feature_toggle=1	Mathematics	Manipal Institute of Technology, Manipal	Basics of Differential Equations, Basics of Numerical Methods	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Harinakshi Karkera	https://www.scopus.com/authid/detail.uri?authorid=57196409472&featureToggles=FEATU RE_AUTHOR_DETAILS_BOTOX-1&at_feature_toggle=1	Mathematics	Manipal Institute of Technology, Manipal	Basics of Differential Equations, Basics of Numerical Methods	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Harinakshi Karkera	https://www.scopus.com/authid/detail.uri?authorid=57196409472&featureToggles=FEATU RE_AUTHOR_DETAILS_BOTOX-1&at_feature_toggle=1	Mathematics	Manipal Institute of Technology, Manipal	Basics of Differential Equations, Basics of Numerical Methods	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Harisha S R	https://www.scopus.com/authid/detail.uri?authorid=57192236417	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Deep Learning, Crop Diseases, Mathematical modeling	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Harishkumar Kamat	https://www.scopus.com/authid/detail.uri?authorid=57190964271	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Computational Tribology and Numerical Analysis Research Topic: Nonlinear Mathematical Modelling and Numerical Analysis of an Externally Adjustable Fluid Film Bearing under Cavitation and Thermal Effects Keywords: Externally adjustable fluid film bearing, hydrodynamic lubrication, generalized Reynolds equation, mass-conserving cavitation, thermal effects, energy equation, temperature-dependent viscosity, nonlinear partial differential equations Domain Knowledge Requirements: The candidate should have knowledge of ordinary and partial differential equations, numerical methods, linear algebra, mathematical modelling, optimization techniques and scientific computing.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Indira K P	https://www.manipal.edu/mit/department-faculty/faculty-list/indira-kp/_jcr_content.html	Mathematics	Manipal Institute of Technology, Manipal	optimization, quantum computing, quantum computing, hybrid quantum-classical algorithms, quantum optimization, variational quantum algorithms, QAOA, logistics, portfolio optimization, noise mitigation.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jeevan M	https://researcher.manipal.edu/en/persons/jeevan-m/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Research Area: Biomedical Signal & Image Processing, Affective Computing, and Artificial Intelligence in Mental Healthcare Research Topic: Beyond Basic Emotions: A Multimodal Deep Learning Framework for Compound and Complex Emotion Recognition towards Early Screening of Stress and Suicidal Tendency. Keywords: Compound Emotion Recognition; Complex/Social Emotions; Multimodal Deep Learning; Affective Computing; Facial Expression Analysis; Speech Emotion Recognition; Stress Detection; Suicide-Risk Screening; Explainable AI. Domain Knowledge Requirements: 1. Digital and biomedical signal processing (ECG, EDA, speech acoustics) 2. Image/video processing and computer vision (facial action units, compound expression recognition) 3. Machine learning and deep learning (CNNs, transformers, multimodal fusion, self-supervised learning) 4. Programming (Python, PyTorch/TensorFlow) and statistical/experimental design (imbalance-aware, leakage-free evaluation)	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Karthik Rao M C	https://researcher.manipal.edu/en/persons/karthik-rao-m-c/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Bayesian Graph Neural Network, AI, Image processing	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Manjunath Shetty	https://www.scopus.com/authid/detail.uri?authorid=57211144475	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Material Science/Material Informatics/AI-ML, Energy storage /Mathematics, Material Science, Python coding	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Manjunatha Gudekote	https://www.scopus.com/authid/detail.uri?authorid=38661450500	Mathematics	Manipal Institute of Technology, Manipal	Numerical solutions of ordinary/ partial differential equations, Boundary value problems, Mathematical modelling, Peristalsis, Fluid flow problems.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Mithun Vijay Kanchan	https://researcher.manipal.edu/en/persons/mithun-vijay-kanchan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Computational Fluid Dynamics, Fluid-Structure Interaction, Immersed boundary method	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraj N Katagi	https://www.scopus.com/authid/detail.uri?authorid=8649424800	Mathematics	Manipal Institute of Technology, Manipal	Fluid mechanics, applied mathematics, and numerical programming skills.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraja Shetty	https://manipal.pure.elsevier.com/en/persons/nagaraja-shetty	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Materials Science and Engineering; Computational Mechanics; Mathematical Modelling of Materials; Nanocomposite Materials/Phase-field modelling; Nano reinforced materials; Microstructural evolution; Mathematical modelling; Experimental validation/Materials Science and Engineering, Mechanical Metallurgy, Nanomaterials and Nanocomposites, Microstructural Characterization, Mathematical Modelling, Partial Differential Equations, Numerical Methods, Computational Materials Science, and Experimental Materials Characterization.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Nitesh Kumar	https://www.scopus.com/authid/detail.uri?authorid=55675572200	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research area: Applied Mathematics, Mathematical Modelling, Computational Mathematics, Biomedical Engineering Research Topic: Mathematical modelling and computational analysis of blood flow in stenosed arteries. Keywords: Mathematical modelling; blood flow; arterial stenosis; computational fluid dynamics; numerical methods; wall shear stress; sensitivity analysis; biomedical modelling. Domain Knowledge Requirements: A background in Mathematics, Applied Mathematics, Computational Mathematics, or a closely related discipline is preferred	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Nitesh Kumar	https://www.scopus.com/authid/detail.uri?authorid=55675572200	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Mathematical Modelling, Computational Mathematics, Biomedical Engineering Research Topic: Uncertainty and sensitivity analysis of computational models for carotid plaque vulnerability. Keywords: Mathematical modelling; uncertainty quantification; sensitivity analysis; carotid artery; atherosclerosis; blood flow; wall shear stress; biomechanical modelling; computational methods. Domain Knowledge Requirements: A background in Mathematics, Applied Mathematics, Computational Mathematics, Statistics, or a closely related discipline is preferred.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Nitesh Kumar	https://www.scopus.com/authid/detail.uri?authorid=55675572200	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Mathematical Modelling, Computational Mathematics, Optimisation, Biomedical Engineering Research Topic: Mathematical modelling and optimisation of coronary bypass graft design for improved blood flow. Keywords: Mathematical modelling; optimisation; blood flow; coronary artery bypass graft; graft geometry; computational fluid dynamics; wall shear stress; numerical methods; biomedical modelling. Domain Knowledge Requirements: A background in Mathematics, Applied Mathematics, Computational Mathematics, Statistics, or a closely related discipline is preferred.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Nitish Kumar	https://www.scopus.com/authid/detail.uri?authorid=57200896432	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Graph theory, Lattice Networks, Crystal lattices, Mathematical Crystallography	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Nitish Kumar	https://www.scopus.com/authid/detail.uri?authorid=57200896432	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Control theory, Eigen value Analysis, Nonlinear differential equations, Stability Analysis, Lyapunov Stability, Bifurcation Theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Omkar S Powar	https://www.scopus.com/authid/detail.uri?authorid=57200753447	Biomedical Engineering	Manipal Institute of Technology, Manipal	Non-Communicable Diseases (NCDs) – AI-Enabled Diagnostic Device Development	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Pramod Balwantrao Salunkhe	https://www.scopus.com/authid/detail.uri?authorid=36701993500	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Mathematical modeling, Heat transfer, Battery cooling	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Pramod Balwantrao Salunkhe	https://www.scopus.com/authid/detail.uri?authorid=36701993500	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Mathematical modeling, solution of partial differential equations, Fluid Dynamics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna K Kini	https://researcher.manipal.edu/en/persons/ramakrishna-k-kini/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Statistical modelling, Change-point detection , Robust statistics , Hypothesis testing, Probability theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi Laxmikant Malghan	https://researcher.manipal.edu/en/persons/rashmi-laxmikant-malghan/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Artificial Intelligence, Graph network, Graph Laplacians	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Sriharsha Hegde	https://www.scopus.com/authid/detail.uri?authorid=56735664400	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Fluid dynamics, smart materials, partial derivatives	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Srivatsa Kumar B R	https://researcher.manipal.edu/en/persons/srivatsa-b-r-kumar/	Mathematics	Manipal Institute of Technology, Manipal	Mathematics-Number Theory and Special Functions	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Subramanya R Prabhu	https://researcher.manipal.edu/en/persons/subramanya-r-prabhu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Mathematical Modelling, Optimization, Sensitivity Analysis, Regression Analysis, Numerical Methods.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Umanath R Poojary	https://www.scopus.com/authid/detail.uri?authorid=57191591921	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Free Vibration, natural frequency, mode shape, boundary value problem,	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Vishnu G Nair	https://researcher.manipal.edu/en/persons/vishnu-g-nair/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Key words: Nonlinear Dynamics, Reusable Launch Vehicles, Trajectory Optimization, Multi-Phase Optimal Control, Constrained Optimization, Differential Equations, Dynamical Systems, Stability Analysis, Numerical Optimization, Mathematical Modelling, Computational Mathematics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Yashwanth N	https://researcher.manipal.edu/en/persons/yashwanth-n/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Applied Mathematics, Mathematical Modelling, Optimization, Statistics, Machine Learning, Explainable Artificial Intelligence	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Yogeesha Pai	https://www.scopus.com/authid/detail.uri?authorid=57195337851	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Graph theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Yogeesha Pai	https://www.scopus.com/authid/detail.uri?authorid=57195337851	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Graph theory	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Jayakrishnan Radhakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57200777859	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Computational Mathematics, Mathematical Modelling and Optimization Research Topic: Mathematical modelling, numerical analysis, and PDE-constrained optimization of wake interactions in multi-turbine wind-farm systems Keywords: Nonlinear Partial Differential Equations, Wind-Turbine Wakes, Wake Interaction, PDE-Constrained Optimization, Reduced-Order Modelling, Numerical Analysis, Computational Fluid Dynamics, Turbulence Modelling, Multi-Objective Optimization, Uncertainty Quantification, Atmospheric Boundary Layer, Wind-Farm Layout Optimization Domain Knowledge Requirements: Partial differential equations, numerical methods, mathematical optimization, fluid dynamics, computational mathematics, turbulence modelling, scientific computing, reduced-order modelling, probability and uncertainty analysis, and basic knowledge of wind-turbine aerodynamics.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jayakrishnan Radhakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57200777859	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Computational Mathematics, Nonlinear Dynamics and Optimal Control Research Topic: Development, analysis, and numerical solution of coupled mathematical models governing aerodynamic loading and structural deformation in adaptive wind-turbine blades Keywords: Nonlinear Partial Differential Equations, Fluid-Structure Interaction, Optimal Control, Aeroelasticity, Adaptive Structures, Numerical Analysis, Stability Analysis, Reduced-Order Modelling, Bifurcation Analysis, Scientific Computing, Wind-Turbine Aerodynamics Domain Knowledge Requirements: Partial and ordinary differential equations, numerical methods, continuum mechanics, nonlinear dynamics, stability theory, optimization, optimal-control theory, scientific computing, fluid mechanics, and basic structural mechanics.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Anita Das	https://www.scopus.com/authid/detail.uri?authorid=55450734200	Mathematics	Manipal Institute of Technology, Bengaluru	Spanning tree, distance in graphs, graph product, special graph classes	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Sumit Kumar	https://www.scopus.com/authid/detail.uri?authorid=58739380300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Microfluidics, Electric field, Soft Channel, Rheology, Binary liquid systems	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Sneha Jaiswal	https://www.scopus.com/authid/detail.uri?authorid=56142099400	Science and Humanities	Manipal Institute of Technology, Bengaluru	Fluid Mechanics; Porous Media; Scientific Computing; Applied Mathematics; Numerical Methods	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Sneha Jaiswal	https://www.scopus.com/authid/detail.uri?authorid=56142099400	Science and Humanities	Manipal Institute of Technology, Bengaluru	Fluid Mechanics; Porous Media; Scientific Computing; Applied Mathematics; Numerical Methods	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Abhilash Kumar Tilak	https://www.scopus.com/authid/detail.uri?authorid=56312505800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Fluid and Thermal Engineering	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Jayalaxmi Rajesh Hanni	https://researcher.manipal.edu/en/persons/jayalaxmi-rajesh-hanni/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Capacitive level sensing, Embedded sensor systems, Liquid level measurement, Multiphase fluids (oil–water systems), High-viscosity fluid sensing, Non-invasive sensing, Industrial process instrumentation, Smart sensing systems.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Lakshmi K M	https://www.scopus.com/authid/detail.uri?authorid=57205725777	Science and Humanities	Manipal Institute of Technology, Bengaluru	Ferro nanoliquid, nanoliquid-saturated porous medium, natural convection, heat transfer, multi-physics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Lakshmi K M	https://www.scopus.com/authid/detail.uri?authorid=57205725777	Science and Humanities	Manipal Institute of Technology, Bengaluru	Ferro nanoliquid, nanoliquid-saturated porous enclosures, natural convection, heat transfer, multi-physics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Lakshmi K M	https://www.scopus.com/authid/detail.uri?authorid=57205725777	Science and Humanities	Manipal Institute of Technology, Bengaluru	Ferro nanoliquid, nanoliquid-saturated porous medium, natural convection, heat transfer, multi-physics	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME CANDIDATES ONLY
Dr. Ramesh Potnuri	https://www.scopus.com/authid/detail.uri?authorid=57844160800	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Applied mathematics, artificial intelligence, machine learning, statistical modelling, optimization, scientific computing, and data-driven engineering. Development of mathematical, statistical, and AI/ML models for prediction, optimization, uncertainty analysis, and decision-making in sustainable engineering, renewable energy, environmental systems, and waste-to-energy processes. Applied mathematics; mathematical modelling; machine learning; statistical learning; optimization; numerical methods; uncertainty quantification; explainable AI; deep learning; scientific computing; energy systems; environmental modelling; process optimization; data-driven engineering; digital twins. Mathematics, Applied Mathematics, Statistics, Data Science, Computer Science, Artificial Intelligence, Physics, and related quantitative disciplines. Candidates from engineering disciplines with strong mathematical and computational skills are also encouraged to apply.	Technology and Science	BASIC SCIENCE: MATHEMATICS	FULL TIME / PART TIME CANDIDATES
Dr. Adarsh Nigam	https://www.scopus.com/authid/detail.uri?authorid=57195511132	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Sensors, Nanotechnology, Solid State Physics, Microelectronics, Keywords: Soil Sensors, Nanomaterials, Sensors Design and Integration, Low-Power Sensor Circuits.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Adarsh Rag S	https://researcher.manipal.edu/en/persons/adarsh-rag-s/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Research Area / Research Topic: Advanced Energy Storage, Supercapacitors, Graphene Nanocomposites Keywords: Graphene, Nanocomposites, Supercapacitor, Electrode Materials, Energy Storage, Electrochemical Devices Domain Knowledge Requirements: Basic knowledge of nanomaterials	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Ajeetkumar Patil	https://researcher.manipal.edu/en/persons/ajeetkumar-patil/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Sensor, Fluorescence, Spectroscopy, Biomedical	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Akhilesh Ranjan	https://www.scopus.com/authid/detail.uri?authorid=36933970800	Physics	Manipal Institute of Technology, Manipal	Particle Physics, Beyond Standard Model	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Amit Kumar Goyal	https://researcher.manipal.edu/en/persons/amit-kumar-goyal/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Flexible Devices; Triboelectric Nanogenerators; Wearable Devices; Energy Harvesting	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Anoop Kanjirakat Baby	https://www.scopus.com/authid/detail.uri?authorid=22833538700	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	It is especially suitable for students from a Physics background who are interested in applying basic concepts of light, optics, and image formation to an important healthcare challenge. Only a fundamental understanding of undergraduate Physics is required; prior knowledge of biology, medical diagnostics, advanced programming, or fluorescence techniques is not necessary.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Anupama Rajendra Hiremath	https://researcher.manipal.edu/en/persons/anupama-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Surface modification; metals and alloys; protective oxide layers; nanoparticle-reinforced coatings; corrosion inhibition; wear resistance; nanocomposite coatings; oxide-film stability; surface energy; diffusion mechanisms; lattice interactions; coating adhesion; microhardness; fracture behavior; tribology; electrochemical characterization; SEM/EDS; X-ray diffraction; FTIR spectroscopy; Raman spectroscopy; surface physics; nanomaterials; solid-state engineering	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar H S	https://researcher.manipal.edu/en/persons/arunkumar-h-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Renewable Energy Physics, Heat Transfer, Fluid Dynamics, Computational Physics and Solar Thermal Engineering	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Ashish Agrawal	https://researcher.manipal.edu/en/persons/ashish-agrawal/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Multiphysics Simulation; Heat and Mass Transfer; Energy Systems; Computational Modeling; Thermo-Fluid Coupling	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Ashwatha Narayana Prabhu	https://researcher.manipal.edu/en/persons/ashwatha-n-prabhu/	Physics	Manipal Institute of Technology, Manipal	Chalcogenides, melt growth technique, thermoelectric material, Seebeck coefficient, figure of merit.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Atanu Das	https://researcher.manipal.edu/en/persons/atanu-das/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area Semiconductor device modelling, electrochemical sensors and solid-liquid interfaces. Research Topic Coupled TCAD-Python simulation of MOSFET-integrated electrochemical sensors for analysing ion transport, interfacial potential and transistor response. Keywords TCAD; Python; MOSFET; ISFET; electrochemical sensor; ion transport; surface potential; interface modelling. Domain Knowledge Requirements Basic knowledge of MOSFET physics, TCAD, electrochemistry, numerical modelling and Python programming.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Atanu Das	https://researcher.manipal.edu/en/persons/atanu-das/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area Atmospheric electricity, ionospheric physics, earthquake electromagnetics and computational geophysics. Research Topic Theoretical and numerical modelling of atmospheric and ionospheric electrical disturbances associated with thunderstorms and possible earthquake-related processes. Keywords Atmospheric electric field; ionosphere; earthquake; thunderstorm; global electric circuit; GNSS-TEC; charge transport; computational modelling. Domain Knowledge Requirements Basic knowledge of electromagnetics, atmospheric and ionospheric physics, differential equations, numerical methods and Python-based scientific computing.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Bhaghyesh .	https://www.scopus.com/authid/detail.uri?authorid=41260941300	Physics	Manipal Institute of Technology, Manipal	Physics, Particle Physics, Advanced Quantum Mechanics, Mathematical Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Bhaskar Awadhiya	https://www.scopus.com/authid/detail.uri?authorid=56451156200	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Semiconductor Devices, Cryogenic Electronics, Nanoelectronics, Quantum Electronics, Device Modelling, and Low-Temperature Characterization	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Bhaskar Awadhiya	https://www.scopus.com/authid/detail.uri?authorid=56451156200	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Ferroelectric Devices, Nanoelectronics, Semiconductor Devices, Negative-Capacitance Electronics, and Low-Power Electronic Devices	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Bhavanari Mallikarjun	https://www.scopus.com/authid/detail.uri?authorid=57216947103	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Electrocatalysis, Photocatalysis, Electrochemical sensing, Waste-to-Wealth Conversion, localized surface plasmon resonance, sustainable energy	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Chandrachur Chakraborty	https://researcher.manipal.edu/en/persons/chandrachur-chakraborty/publications/	Natural Sciences	Manipal Center for Natural Sciences, Manipal	Black hole physics, Strong gravity, Accretion, Dark matter, High-energy astrophysical phenomena, General relativity	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Dhanya Sunil	https://researcher.manipal.edu/en/persons/dhanya-sunil/	Chemistry	Manipal Institute of Technology, Manipal	Synthesis/Composites/flexible printed electronics/Basic domain knowledge/good communication skills	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Gouri Syamala Rao Mullapudi	https://www.scopus.com/authid/detail.uri?authorid=57222052617	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Thin-film transistors (TFTs), Flexible Electronics, Wearable Electronics, Health Care Monitoring.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Gouri Syamala Rao Mullapudi	https://www.scopus.com/authid/detail.uri?authorid=57222052617	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Thin-film Transistors (TFTs), Flexible Electronics, Wearable Sensor, Glucose Sensor, HealthCare Monitoring.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Gurumurthy B M	https://www.scopus.com/authid/detail.uri?authorid=56989656700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Natural Fibers, Fiber Extraction, Surface Treatment, Mechanical Decortication, Alkaline Retting, Enzymatic Treatment, Polymer Composites,	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Harshini Dasari	https://www.manipal.edu/mu/directorate-of-research/pure.html	Chemical Engineering	Manipal Institute of Technology, Manipal	Nano fibers, Hetrogenous Catlysis, Soot Oxidation,	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Ismayil	https://researcher.manipal.edu/en/persons/ismayil/publications	Physics	Manipal Institute of Technology, Manipal	Research Area: Condensed Matter Physics. Research Topic: Interfacial Physics and Characterization of Dual-Ion Conducting Solid Polymer Electrolytes for High-Performance Mg-Na Hybrid Batteries Keywords: Condensed Matter Physics, Solid Polymer Electrolytes, Ionic Conductivity, Electrochemical Properties, Energy Storage Devices. Domain Knowledge Requirements: Solid State Physics, Ion transport mechanisms, Structure-property relationships, Characterization Techniques.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Jagadeesh Chandra R B	https://researcher.manipal.edu/en/persons/jagadeesh-chandra-r-b/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Functional materials and electromagnetic compatibility. Research Topic: Multilayer carbon-fabric composites with spray-pyrolyzed conductive, dielectric, and magnetic oxide coatings for absorption-dominant EMI shielding. Keywords: Carbon fabric, spray pyrolysis, multilayer coatings, EMI shielding, metal oxides, dielectric loss, magnetic loss, and impedance matching. Domain Knowledge Requirements: Materials science, thin-film deposition, electromagnetic theory, composite fabrication, microwave measurements, materials characterization, and analysis of shielding effectiveness.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Jitendra Carpenter	https://researcher.manipal.edu/en/persons/jitendra-carpenter/	Chemical Engineering	Manipal Institute of Technology, Manipal	Computational fluid dynamics, hydrodynamic cavitation, emulsification, chemical engineering	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Kalpataru Panda	https://www.scopus.com/authid/detail.uri?authorid=38962050400	Physics	Manipal Institute of Technology, Manipal	2D materials, MXenes, Triboelectric nanogenerators, Energy harvesting, Self-powered devices, Flexible electronics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Madhwesh N	https://www.scopus.com/authid/detail.uri?authorid=54383601700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic Science	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraja K K	https://researcher.manipal.edu/en/persons/nagaraja-k-k/	Physics	Manipal Institute of Technology, Manipal	Solid State Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Nagaraja K K	https://researcher.manipal.edu/en/persons/nagaraja-k-k/	Physics	Manipal Institute of Technology, Manipal	Solid State Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Nagaraja K K	https://researcher.manipal.edu/en/persons/nagaraja-k-k/	Physics	Manipal Institute of Technology, Manipal	Solid state physics, electrochemistry	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Narendra Khatri	https://researcher.manipal.edu/en/persons/narendra-khatri/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basic Knowledge of Physics and Energy	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Nethaji S	https://researcher.manipal.edu/en/persons/nethaji-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Bimetallic Heterojunctions, Visible-Light Photocatalysis, Antibiotic Degradation, Antimicrobial Resistance (AMR), Nanomaterials	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Pavan Hiremath	https://researcher.manipal.edu/en/persons/pavan-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic undergraduate-level knowledge of electricity, electronics, material properties, measurements, and general physics is sufficient. Prior experience in sensor fabrication, advanced instrumentation, programming, or machine learning is not compulsory. Required experimental and analytical skills can be acquired progressively during the research programme.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Poornesh P	https://researcher.manipal.edu/en/persons/dr-poornesh-p/	Physics	Manipal Institute of Technology, Manipal	Physics, Laser, Nanomaterials, Nonlinear optics, Maker Fringe, THG	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Poornesh P	https://researcher.manipal.edu/en/persons/dr-poornesh-p/	Physics	Manipal Institute of Technology, Manipal	Physics, Gas sensors, Metal oxide nanocomposites, nanomaterials, humidity-resilient sensors	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Poornesh P	https://researcher.manipal.edu/en/persons/dr-poornesh-p/	Physics	Manipal Institute of Technology, Manipal	Energy materials, thermoelectric, waste-heat recovery, Seebeck coefficient, figure of merit (ZT), sustainable energy harvesting	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Pramod K	https://www.scopus.com/authid/detail.uri?authorid=57760573500#	Biomedical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, Luminescence, Photophysics, Energy Transfer, Surface Engineering, Surface Functionalization, Surface Grafting, Luminescence Quenching, Luminescence Enhancement, Time-Resolved Spectroscopy, Optical Sensing, Functional Materials, Nanophotonics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Pramod Martha	https://www.scopus.com/authid/detail.uri?authorid=57191595427	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Computational Materials Physics, Two-Dimensional Nanomaterials, Energy and Environmental Materials Research Topic: Computational and Experimental Investigation of Two-Dimensional Nanomaterials for Energy and Environmental Applications Keywords: Two-dimensional nanomaterials, density functional theory, molecular modelling, TCAD simulation, material synthesis, energy materials, environmental remediation Domain Knowledge Requirements: Solid-state physics, semiconductor physics, materials science, nanomaterials, and characterization techniques.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Pramoda Kumara Shetty	https://researcher.manipal.edu/en/persons/pramoda-kumara-shetty/	Physics	Manipal Institute of Technology, Manipal	Radiation Physics, Material Science, Thin Films, Radiation Sensing, Condensed Matter Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Raja S	https://researcher.manipal.edu/en/persons/raja-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Ramakrishna Nayak	https://researcher.manipal.edu/en/persons/ramakrishna-nayak	Humanities and Management	Manipal Institute of Technology, Manipal	Keywords: Flexible Energy Harvesting; Thermoelectric Generator (TEG); Nano-triboelectric Generator (TENG); Nanomaterials; Self-Powered Sensors; Wearable Electronics; Sustainable Energy Devices; Printed and Flexible Electronics.; Domain knowledge required: Basic background in materials science or nanotechnology, with an understanding of functional nanomaterials and composites. Knowledge of solid-state devices or energy conversion principles, along with basic electronics, is essential for device design and testing. Familiarity with flexible or printed electronics, and with the mechanical reliability of devices, is highly desirable. An interest in applied, interdisciplinary research connecting materials, devices, and real-world energy needs is important.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Rituraj Bhattacharjee	https://www.scopus.com/authid/detail.uri?authorid=57212170486	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Research Area: Nonlinear Optics and Free-Space Optical Communication Research Topic: MATLAB-Based Modelling of Nonlinear Dispersion and Turbulence Compensation for Satellite Free-Space Optical Links Keywords: Nonlinear optics, free-space optical communication, satellite optical communication, optical phase conjugation, four-wave mixing, atmospheric turbulence, dispersion compensation, MATLAB modelling, nonlinear Schrödinger equation, ISRO space missions Domain Knowledge Requirements: Basic knowledge of optical communication, electromagnetic theory, signals and systems, engineering mathematics, differential equations and probability. Familiarity with MATLAB programming is desirable. Prior knowledge of nonlinear optics, atmospheric optical channels or satellite communication would be beneficial but is not mandatory.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Sandesh Bhaktha B	https://www.scopus.com/authid/detail.uri?authorid=57424383000	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Applied Electromagnetics and Energy Conversion Physics, Nonlinear Magnetic Field Analysis, Switched Reluctance Motor, Computational Electromagnetics, Electric Mobility Systems	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Shanmuga Priya S	https://www.scopus.com/authid/detail.uri?authorid=57199407923	Chemical Engineering	Manipal Institute of Technology, Manipal	DFT, synthesis, characterisation	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Shivaprakash Y M	https://www.scopus.com/authid/detail.uri?authorid=57151189300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Natural fibres; agricultural residues; fibre extraction; bio-composites; process optimization.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Shounak De	https://researcher.manipal.edu/en/persons/shounak-de/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Physical Vapor Deposition (PVD) ; 2D Nanomaterial Thin Films; Charge Transport Physics ; Supercapacitor-Sensor Integration ; Structure-Property Relationships	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Somashekara Bhat	https://researcher.manipal.edu/en/persons/somashekara-bhat/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Humidity-adaptive supercapacitors, Temperature-adaptive supercapacitors, Hydrogel electrolytes, Environmental adaptability, Ionic conductivity, Water retention, Flexible energy storage	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Somashekara Bhat	https://researcher.manipal.edu/en/persons/somashekara-bhat/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Solid-state electrolytes, Electrochemical stability window, Wide-voltage-window supercapacitors, Voltage-window engineering, Flexible Electrodes	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Srinivas Kini	https://www.scopus.com/authid/detail.uri?authorid=56082289900	Chemical Engineering	Manipal Institute of Technology, Manipal	Biochar-MOF composites; Wastewater treatment; Emerging pollutants; Adsorption mechanisms; Circular valorization	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Suhas Kowshik C S	https://researcher.manipal.edu/en/persons/suhas-kowshik-c-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Green Composites; Nanocomposites; Functional Nanofillers; Sustainable Materials; Sensing Materials; Electrical Properties; Dielectric Properties; Energy Applications; Multifunctional Materials	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Suhas Y Nayak	https://researcher.manipal.edu/en/persons/suhas-yeshwant-navak/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Radiation shielding. Composite materials, Ionizing radiation, Mass attenuation coefficient, Lead-free shielding	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Sumit Kumar	https://researcher.manipal.edu/en/persons/sumit-kumar/	Natural Sciences	Manipal Center for Natural Sciences, Manipal	Research Area: Particle Physics / High Energy Physics / Quantum Information Research Topic: Quantum Entanglement as a Probe of Fundamental Interactions at High-Energy Colliders Keywords: Quantum Entanglement, Quantum Information, Particle Physics, Beyond Standard Model Physics Domain Knowledge Requirements: Quantum Mechanics, Mathematical Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Sunil Rathore	https://researcher.manipal.edu/en/persons/sunil-rathore/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Two-Dimensional Semiconductor Materials, Thin-Film Transistors and Gas Sensors, • Flexible and Wearable Electronics, Breath Analysis and Healthcare Monitoring, • Machine-Learning-Assisted Sensing	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Umanath R Poojary	https://www.scopus.com/authid/detail.uri?authorid=57191591921	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Energy harvester, cantilever beam, natural frequency	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Vairavel P	https://researcher.manipal.edu/en/persons/vairavel-p/ https://www.scopus.com/authid/detail.uri?authorid=57194454716	Chemical Engineering	Manipal Institute of Technology, Manipal	Basic knowledge in Physics, material science, polymer electrolytes, optical studies; Synthesis and characterization of nanocomposite materials	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Vinod Kumar Joshi	https://www.scopus.com/authid/detail.uri?authorid=56045181300	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Magnetism and Magnetic Materials, Computational Physics, Nanotechnology, nanoelectronic devices, and emerging non-volatile memories, semiconductor devices	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Vishnu G Nair	https://researcher.manipal.edu/en/persons/vishnu-g-nair/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Gravitational Wave Detectors, LIGO, Virgo, Mirror Suspension, Multi-Stage Pendulum, Vibration Isolation, Seismic Noise, Low-Frequency Noise, Suspension Dynamics, Mechanical Damping, Quality Factor, Mechanical Losses, Energy Dissipation, Material Selection, Structural Dynamics, Noise Budget, Numerical Modelling, MATLAB/Python Simulation	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES
Dr. Syeda Nazma Islam	https://www.scopus.com/authid/detail.uri?authorid=56226814200	Natural Sciences	Manipal Center for Natural Sciences, Manipal	Astronomy and Astrophysics, High Energy Astrophysics, Accretion onto compact objects	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Zahir Ahmad Shah	https://www.scopus.com/authid/detail.uri?authorid=57854817400#	Natural Sciences	Manipal Center for Natural Sciences, Manipal	Astronomy and astrophysics; high-energy astrophysics; blazars; Supermassive Black Holes; relativistic jets; multi-messenger astronomy; broadband SED modelling. Domain knowledge: Basic physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Sudip Mandal	https://www.scopus.com/authid/detail.uri?authorid=56954229600	Natural Sciences	Manipal Center for Natural Sciences, Manipal	Research area: Astronomy and Astrophysics; Keywords: Solar Magnetic fields, Solar variability; Sunspots Domain knowledge: Basic Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Sajan Daniel George	https://researcher.manipal.edu/en/persons/sajan-daniel-george/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Biosensors/Surface and Optically printed Plasmonics/Optical Prining, Plasmonics, Biosensors, Surface Engineering/Physics or Chemistry	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Vivek Semwal	https://researcher.manipal.edu/en/persons/vivek-semwal/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Plasmonic, Optical sensors, Optical fiber, Nanophononics, Physics	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Rajashekhar Pujar	https://www.scopus.com/authid/detail.uri?authorid=56950940900	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Research Area: Advanced Materials and Nanotechnology Research Topic: Synthesis and Functionalization of 2D Materials for Sensor and Energy Storage Applications Keywords 2D Materials, Graphene, MoS ₂ , Functionalization, Electrochemical Sensors Energy Storage Domain Knowledge Requirements: Basic understanding of nanomaterials and 2D materials; knowledge of material synthesis techniques such as CVD and chemical synthesis methods Fundamentals of electrochemical and optical sensors Basic concepts of energy storage devices such as batteries and supercapacitors Familiarity with material characterization techniques Interest in nanotechnology, advanced materials, and device fabrication	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Bharath S P	https://www.scopus.com/authid/detail.uri?authorid=57202702433	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Gas sensing, Bio marker detection, Material degradation, Impedance analysis, Machine learning	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Jijo Lukose	https://researcher.manipal.edu/en/persons/jijo-lukose/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Raman Spectroscopy, Machine Learning, mammalian cell culture, in-vitro toxicity assays, oxidative-stress and inflammatory-marker analysis	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Aseefhali Bankapur	https://researcher.manipal.edu/en/persons/aseefhali-bankapur/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Research Area: Nanobiophotonics; Keywords: Surface-enhanced Raman Spectroscopy (SERS), FTIR, Plasmonic nanostructures, Biosensing, Biomarker detection, DNA/RNA, Protein, Exosomes.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Sreekanth P	https://scholar.google.com/citations?user=eofzTUAAAA&hl=en	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Optics, Photonics, Experimental physics, Lasers, Nanofabrication, Material science	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Sreekanth P	https://scholar.google.com/citations?user=eofzTUAAAA&hl=en	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Optics, Photonics, Physics, Experimental physics, Nanofabrication, Material science, Nonlinear optics, Laser applications	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Khoobaram Choudhari	https://researcher.manipal.edu/en/persons/choudhari-k-s/	Atomic and Molecular Physics	Manipal Institute of Applied Physics, Manipal	Nanostructured material, Nanoporous material, Optical biosensing, electrochemical sensing, gas sensing	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Arpitha G R	https://www.scopus.com/authid/detail.uri?authorid=56965028800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Sustainable bio-based polymer composites, natural fibers, nanofillers, materials science, composite processing, and material characterization.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Arpitha G R	https://www.scopus.com/authid/detail.uri?authorid=56965028800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Sustainable bio-based polymer composites, natural fibers, nanofillers, materials science, composite processing, and material characterization.	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Rahul S	https://www.scopus.com/authid/detail.uri?authorid=57213645580	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Non-Hermitian Spin chains, Disorder	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Rahul S	https://www.scopus.com/authid/detail.uri?authorid=57213645580	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Non-Hermitian Skin effect, Anderson Localization	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Abhilash Kumar Tilak	https://www.scopus.com/authid/detail.uri?authorid=56312505800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Fluid and Thermal Engineering	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Abhilash Kumar Tilak	https://www.scopus.com/authid/detail.uri?authorid=56312505800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Fluid and Thermal Engineering	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Hareesh K	https://researcher.manipal.edu/en/persons/hareesh-k/	Physics	Manipal Institute of Technology, Bengaluru	Energy Storage devices, Nanomaterials, Synthesis, Capacitor	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Anand Pal	https://researcher.manipal.edu/en/persons/anand-pal/	Physics	Manipal Institute of Technology, Bengaluru	Research Area: Computational Materials Physics Research Topic: First-principles investigation and computational design of quaternary Heusler alloys for electronic, magnetic, and thermoelectric applications Keywords: Quaternary Heusler alloys; Density Functional Theory (DFT); Electronic structure; Energy-storage materials; Thermoelectricity Domain Knowledge Requirements: •Condensed Matter Physics •Computational Materials Science •Density Functional Theory (DFT) (desirable) •Thermoelectric Materials •Linux/Python/Scientific Computing •High-Performance Computing (HPC) basics (desirable)	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Anand Pal	https://researcher.manipal.edu/en/persons/anand-pal/	Physics	Manipal Institute of Technology, Bengaluru	Research Area: Computational Physics and Data-Driven Materials Science Research Topic: Integration of machine-learning methods with DFT workflows to design and optimize advanced battery materials Keywords: Energy-storage materials; DFT; Machine learning; Graph neural networks; Generative models; High-throughput screening Domain Knowledge Requirements: •Solid-state physics and quantum mechanics •Deep-learning and neural-network fundamentals •Python programming and data analysis •High-throughput workflow development and database usage	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Vinod Hegde	https://www.scopus.com/authid/detail.uri?authorid=57193835774	Physics	Manipal Institute of Technology, Bengaluru	Triboelectric Nanogenerators, TENG, Self-Powered Sensors	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Girish C R	https://www.scopus.com/authid/detail.uri?authorid=56156569000	Chemical Engineering	Manipal Institute of Technology, Manipal	biochar, adsorption, wastewater, isotherm, agricultural waste, emerging contaminant	Technology and Science	BASIC SCIENCE: PHYSICS	FULL TIME CANDIDATES ONLY
Dr. Adarsh Rag S	https://researcher.manipal.edu/en/persons/adarsh-rag-s/	School of Computer Engineering	Manipal Institute of Technology, Manipal	**Research Area / Research Topic:** Supercapacitors, Hybrid Nanomaterials, Advanced Energy Storage **Keywords:** Supercapacitor, Hybrid Nanomaterials, Electrode Materials, Energy Storage, Nanotechnology, Electrochemical Performance **Domain Knowledge Requirements:** Basic knowledge of nanomaterials	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Binay Kumar Tripathy	https://www.scopus.com/authid/detail.uri?authorid=57197754744	Civil Engineering	Manipal Institute of Technology, Manipal	Biomass waste, pyrolysis, electrochemical process, Environmental Engineering, chemical process	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Gautham P Jeppu	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=gautham+jeppu&btnG=&oeq	Chemical Engineering	Manipal Institute of Technology, Manipal	chemistry, chemical, biotechnology, civil, Renewable bioenergy; Anaerobic digestion; Solar-thermal integration; Hybrid biogas systems; Synergistic biomethanation	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Harshini Dasari	https://www.manipal.edu/mu/directorate-of-research/pure.html	Chemical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, electrocatalysts, MOFs	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jitendra Carpenter	https://researcher.manipal.edu/en/persons/jitendra-carpenter/	Chemical Engineering	Manipal Institute of Technology, Manipal	Physical chemistry , Chemical Engineering, Cavitation, Nanoemulsions, Shelf life, Encapsulation and release	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Lavanya M	https://www.scopus.com/results/authorNamesList.uri?name=name&st1=Lavanya&st2=Mulky&institute=Manipal+Academy+of+Higher+Education&origin=searchauthorlookuo	Chemical Engineering	Manipal Institute of Technology, Manipal	Chemistry, Biology, chemical engineering	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raja S	https://researcher.manipal.edu/en/persons/raja-s/	Chemical Engineering	Manipal Institute of Technology, Manipal	Chemistry/Physics/Chemical/Civil/Biotechnology/Environmental Engineering	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ranjeet Kumar Mishra	https://www.scopus.com/authid/detail.uri?authorid=57210436119	Chemical Engineering	Manipal Institute of Technology, Manipal	Biomass-to-hydrogen; Biochar-based carbon materials; Microbial electrolysis; Thermochemical conversion; Circular resource recovery	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Srinivas Kini	https://www.scopus.com/authid/detail.uri?authorid=56082289900	Chemical Engineering	Manipal Institute of Technology, Manipal	Biochar-based catalysts; Biomass pyrolysis; Bio-oil upgrading; Functionalized biochar; Deoxygenation	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ramesh Potnuri	https://www.scopus.com/authid/detail.uri?authorid=57844160800	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Sustainable energy, waste valorization, circular economy, and AI/ML-assisted process engineering. Intelligent and sustainable valorization of end-of-life solar photovoltaic waste through thermal, catalytic, chemical, and integrated conversion processes. End-of-life solar PV waste; PV recycling; waste valorization; pyrolysis; catalytic conversion; resource recovery; circular economy; artificial intelligence; machine learning; explainable AI; process optimization; techno-economic analysis; life-cycle assessment. Basic knowledge of chemical or thermal conversion processes, materials characterization, renewable energy, waste management, data analysis, and process modelling. Familiarity with Python, machine learning, or sustainability assessment is desirable but not mandatory.	Technology and Science	ENGG: CHEMICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amar Mohan Shinde	https://researcher.manipal.edu/en/persons/amar-mohan-shinde/	Civil Engineering	Manipal Institute of Technology, Manipal	Carbon Footprint; Sustainable Construction Materials; Ballasted Tracks; Flexible Pavement; Life Cycle Assessment	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amar Mohan Shinde	https://researcher.manipal.edu/en/persons/amar-mohan-shinde/	Civil Engineering	Manipal Institute of Technology, Manipal	Rigid Pavement; Carbon Footprint; Life Cycle Assessment; Low-Carbon Concrete; Sustainable Infrastructure	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arun Kumar Y M	https://www.scopus.com/authid/detail.uri?authorid=58906122000	Civil Engineering	Manipal Institute of Technology, Manipal	FEM, Foundation Engineering	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Arun Kumar Y M	https://www.scopus.com/authid/detail.uri?authorid=58906122000	Civil Engineering	Manipal Institute of Technology, Manipal	FEM, Foundation Engineering	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Asha Udaya Rao	https://researcher.manipal.edu/en/persons/asha-udaya-rao/	Civil Engineering	Manipal Institute of Technology, Manipal	Keywords: Sustainable concrete, Green materials, Life Cycle Assessment (LCA), Circular economy, Low-carbon construction.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Asha Udaya Rao	https://researcher.manipal.edu/en/persons/asha-udaya-rao/	Civil Engineering	Manipal Institute of Technology, Manipal	Keywords: Microbially Induced Calcite Precipitation (MICP), Bio-mediated Soil Improvement, Soil Stabilization, Sustainable Geotechnics, Ground Improvement Technologies	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Asha Udaya Rao	https://researcher.manipal.edu/en/persons/asha-udaya-rao/	Civil Engineering	Manipal Institute of Technology, Manipal	Keywords: 3D Printed Concrete, Agro-Industrial Byproducts, Sustainable Construction, Durability, Circular Economy.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Avinash A R	https://researcher.manipal.edu/en/persons/avinash-a-r/	Civil Engineering	Manipal Institute of Technology, Manipal	Base isolation; Friction pendulum bearing; Lead rubber bearing; Masonry infill; Mainshock-aftershock sequences; Residual displacement; Progressive damage; Seismic resilience	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Avinash A R	https://researcher.manipal.edu/en/persons/avinash-a-r/	Civil Engineering	Manipal Institute of Technology, Manipal	Base isolation; Masonry infill; Out-of-plane behavior; Floor acceleration; Finite element modeling; Contact interaction; Fragility assessment; Reinforced concrete frames	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bhagyashree	https://researcher.manipal.edu/en/persons/bhagyashree	Civil Engineering	Manipal Institute of Technology, Manipal	Sustainable construction, Concrete Technology, Strength and Durability of concrete, Artificial Neural Network Concrete Technology, Sustainable materials for concrete, Alternative building materials, Smart Construction Technologies. Sustainable Construction - Concrete Technology - Supplementary Cementitious Materials (SCMs) - Recycled Aggregates - Eco-Friendly Curing - Smart Materials - Nanotechnology - Durability - Environmental Impact	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bhagyashree	https://researcher.manipal.edu/en/persons/bhagyashree	Civil Engineering	Manipal Institute of Technology, Manipal	- Construction Safety Management - Sustainable Construction Management - Building Information Modeling - Project Scheduling and Optimization - Risk Management in Construction Projects	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bhagyashree	https://researcher.manipal.edu/en/persons/bhagyashree	Civil Engineering	Manipal Institute of Technology, Manipal	Geo-technology and Mineralogy/Geological and Geotechnical Analysis, Risk Assessment, Geotechnical and geochemical Investigation, Environmental Geology Assessment / Geological Analysis Geotechnical Engineering Site Characterization Subsurface Conditions Risk Assessment Site Suitability Soil Mechanics Geological Mapping	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Chaitra M	https://www.scopus.com/authid/detail.uri?authorid=57195236221	Civil Engineering	Manipal Institute of Technology, Manipal	Tall buildings; Seismic performance; Structural control; Adaptive control; Nonlinear dynamic analysis; Structural damage; Earthquake engineering; Vibration control	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Chinmay Rajhans	https://researcher.manipal.edu/en/persons/dr-chinmay-rajhans/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Smart Traffic Lights, Computer Vision, Traffic Congestion, Vehicle Tracking, Smart Cities, Smart Signal Timing, AI ML	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Girish M G	https://researcher.manipal.edu/en/persons/girish-m-g/	Civil Engineering	Manipal Institute of Technology, Manipal	Alkali-Activated Concrete, Slag Aggregate, Pervious Pavement, Stormwater Management, Low-Carbon Pavement, Circular Economy in Construction	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Girish M G	https://researcher.manipal.edu/en/persons/girish-m-g/	Civil Engineering	Manipal Institute of Technology, Manipal	LC3, Limestone Calcined Clay Cement, Low-Carbon Cement, Calcined Clay, Clinker Reduction, Supplementary Cementitious Materials, Scalable Sustainable Concrete	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gopinatha Nayak	https://www.scopus.com/authid/detail.uri?authorid=7004388895	Civil Engineering	Manipal Institute of Technology, Manipal	Concrete technology, Durability, Corrosion ,prestress concrete, steel bars , innovative concretes-civil engineering/material science	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gopinatha Nayak	https://www.scopus.com/authid/detail.uri?authorid=7004388895	Civil Engineering	Manipal Institute of Technology, Manipal	Concrete technology -Corrosion recycled plastic , Civil Engineering/material engineering	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Harishkumar Kamat	https://www.scopus.com/authid/detail.uri?authorid=57190964271	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Structural Engineering, Surface Coatings, Computational Fluid Dynamics, and Material Characterization. Research Topic: CFD-Based Performance Evaluation and Material Characterization of Bio-Lubricated Coated Composite Bearings for Structural Applications. Keywords: Structural Bearings; Composite Bearings; Surface Coatings; Bio-lubricants; Computational Fluid Dynamics; Material Characterization; Domain Knowledge Requirements: Knowledge of structural engineering, composite materials, surface coatings, fluid mechanics, and CFD	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kiran Kumar Shetty M	https://researcher.manipal.edu/en/persons/kiran-kumar-shetty-m/	Civil Engineering	Manipal Institute of Technology, Manipal	Self-compacting concrete , artificial aggregates, Concrete, Durability	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kiran Kumar Shetty M	https://researcher.manipal.edu/en/persons/kiran-kumar-shetty-m/	Civil Engineering	Manipal Institute of Technology, Manipal	Self-compacting concrete, fibers, durability	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Lathashri U A	https://researcher.manipal.edu/en/persons/lathashri-u-a/	Civil Engineering	Manipal Institute of Technology, Manipal	Groundwater-Surface Water Interaction, Coastal River Basins, Visual MODFLOW Flex, Baseflow Contribution, Groundwater Recharge, Hydrological Modeling	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Lathashri U A	https://researcher.manipal.edu/en/persons/lathashri-u-a/	Civil Engineering	Manipal Institute of Technology, Manipal	Bench-scale modeling; Infiltration; Groundwater recharge; Subsurface flow; Hydrologic processes; Rainfall simulation	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Lathashri U A	https://researcher.manipal.edu/en/persons/lathashri-u-a/	Civil Engineering	Manipal Institute of Technology, Manipal	Automatic Weather Station (AWS), Hydro-Meteorological Monitoring, Groundwater Recharge, Climate Variability, Sustainable Water Resources Management	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Laxman P Kudva	https://researcher.manipal.edu/en/persons/laxman-p-kudva/	Civil Engineering	Manipal Institute of Technology, Manipal	Construction Management, Digital Construction, Automation in Construction, Computer Vision in Construction, Industry 4.0	Technology and Science	ENGG: CIVIL STREAM	FULL TIME CANDIDATES ONLY
Dr. Laxman P Kudva	https://researcher.manipal.edu/en/persons/laxman-p-kudva/	Civil Engineering	Manipal Institute of Technology, Manipal	Construction project management; construction safety; organisational behaviour; mixed methods; structural equation modelling; multilevel and quasi-experimental analysis; Indian safety practice and regulation	Technology and Science	ENGG: CIVIL STREAM	PART TIME CANDIDATES ONLY
Dr. Laxman P Kudva	https://researcher.manipal.edu/en/persons/laxman-p-kudva/	Civil Engineering	Manipal Institute of Technology, Manipal	Construction management, Digital construction, Structural health Monitoring, Sensory in construction	Technology and Science	ENGG: CIVIL STREAM	FULL TIME CANDIDATES ONLY
Dr. Radhika Bhandary P	https://www.scopus.com/authid/detail.uri?authorid=58973740600	Civil Engineering	Manipal Institute of Technology, Manipal	Soft soil, soil reinforcement, natural fibers, biopolymers, settlement	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Radhika Bhandary P	https://www.scopus.com/authid/detail.uri?authorid=58973740600	Civil Engineering	Manipal Institute of Technology, Manipal	Waste water, bio-adsorbent, circular economy, keratin waste	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra K Holla	https://manipal.edu/mit/department-faculty/faculty-list/raghavendra-h-holla.html	Civil Engineering	Manipal Institute of Technology, Manipal	Multi-Criteria Decision-Making (MCDM); Contractor Selection; Construction Management; Analytic Hierarchy Process (AHP); TOPSIS; Decision Support System; Project Performance; Risk Management; Construction Procurement; Infrastructure Projects.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra K Holla	https://manipal.edu/mit/department-faculty/faculty-list/raghavendra-h-holla.html	Civil Engineering	Manipal Institute of Technology, Manipal	Deva Vastu - Vastu Shastra - Sustainable Architecture - Green Building Practices - Biophilic Design - Energy Efficiency - Cultural Heritage	Technology and Science	ENGG: CIVIL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sandesh Upadhyaya K	https://researcher.manipal.edu/en/persons/sandesh-upadhyaya-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Applicants are expected to work on the following areas: Concrete Technology, Alternative materials, irradiation, nano materials	Technology and Science	ENGG: CIVIL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sandesh Upadhyaya K	https://researcher.manipal.edu/en/persons/sandesh-upadhyaya-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Applicants are expected to work on the following areas: Concrete Technology, Self-Healing mechanism, Alkali-activated materials and sustainable materials	Technology and Science	ENGG: CIVIL STREAM	PART TIME CANDIDATES ONLY
Dr. Shantharam Patil	https://researcher.manipal.edu/en/persons/shantharama-patil/	Architecture	Manipal School of Architecture & Planning, Manipal	Civil Engineering, Structural Engineering, Artificial Intelligence, High-Rise Buildings, Earthquake Engineering, Machine Learning, Structural Dynamics, Vibration Control, Seismic Response Mitigation, Smart Structures	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shantharam Patil	https://researcher.manipal.edu/en/persons/shantharama-patil/	Architecture	Manipal School of Architecture & Planning, Manipal	Civil Engineering, Structural Engineering, Steel-Concrete Composite Structure, Numerical Investigation, Machine Learning, Impact Load, Cyclic Load, Simulation, Statistical and sensitivity analyses	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sharanappagouda Kadabinakatti	https://researcher.manipal.edu/en/persons/sharanappagouda-b-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Arabian Sea Marine Clays, Site Characterization, Sample Disturbance, Cyclic Triaxial Testing, Direct Simple Shear (DSS), Pore Pressure Generation, SHANSEP Framework, Undrained Shear Strength	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sharanappagouda Kadabinakatti	https://researcher.manipal.edu/en/persons/sharanappagouda-b-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Mine Tailings Utilization, Circular Economy, Alkali-Activation / Geopolymerization, Subgrade Stabilization, Resilient Modulus (SM _{r5}), Freeze-Thaw Durability, Heavy Metal Leaching (TCLP), Unconfined Compressive Strength (UCS)	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreelaxmi Prashanth	https://researcher.manipal.edu/en/persons/shreelaxmi-prashanth/	Civil Engineering	Manipal Institute of Technology, Manipal	sustainable construction, additive manufacturing, buildability, extrudability, AAMs	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreelaxmi Prashanth	https://researcher.manipal.edu/en/persons/shreelaxmi-prashanth/	Civil Engineering	Manipal Institute of Technology, Manipal	masonry constructions, extreme conditions, flooding, Alternate wetting and drying	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sridevi H	https://www.scopus.com/authid/detail.uri?authorid=57193909856	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Biochar, modified asphalt, Sustainable pavement; Mechanical performance; Transportation infrastructure.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sridevi H	https://www.scopus.com/authid/detail.uri?authorid=57193909856	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, composites, remediation, emerging pollutants, adsorption potential	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sugandhini H K	https://researcher.manipal.edu/en/persons/sugandhini-h-k/	Civil Engineering	Manipal Institute of Technology, Manipal	Fly Ash; Coal Bottom Ash; Pond Ash; Carbon Sequestration; Multi-Ash Cementitious Composites; Mineral Carbonation; Durability; Sustainable Construction Materials	Technology and Science	ENGG: CIVIL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sugghosh P	https://www.scopus.com/authid/detail.uri?authorid=35339944900	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Municipal landfill leachate; Circular economy; Sustainable waste management; Resource efficiency; Waste valorization; Leachate treatment; Beneficial utilization; Environmental sustainability	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Suhas Kowshik C S	https://researcher.manipal.edu/en/persons/suhas-kowshik-c-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Self-healing polymers; Polymer composites; Concrete repair; Crack healing; Structural rehabilitation; Sustainable materials; FRP	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar T Yadav	https://researcher.manipal.edu/en/persons/arunkumar-t-yadav/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Water resources, RS & GIS, Morphodynamics, Satellite data,	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adithya Tantri	https://researcher.manipal.edu/en/persons/adithya-tantri/	Civil Engineering	Manipal Institute of Technology, Bengaluru	3D printing concrete, Asphalt, self compacting concrete	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sujay Raghavendra N	https://researcher.manipal.edu/en/persons/sujay-raghavendra-n/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Water Resources Engineering, Machine Learning	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adithya Tantri	https://researcher.manipal.edu/en/persons/adithya-tantri/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Micro structure analysis, Material chemistry, Concrete technology, Durability enhancement technique	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Sujay Raghavendra N	https://researcher.manipal.edu/en/persons/sujay-raghavendra-n/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Structural Engineering, Steel Structures	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adithya Tantri	https://researcher.manipal.edu/en/persons/adithya-tantri/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Self-healing concrete, Autogenous healing, Autonomous healing, Bacterial concrete, Microbial concrete, Mineral-based healing agents, Bacterial healing agents	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Firoz Alam Faroque	https://www.scopus.com/authid/detail.uri?authorid=57211890401	Civil Engineering	Manipal Institute of Technology, Bengaluru	Civil Engineering Materials & Environmental Sustainability	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Firoz Alam Faroque	https://www.scopus.com/authid/detail.uri?authorid=57211890401	Civil Engineering	Manipal Institute of Technology, Bengaluru	ESG integration; corporate sustainability; non-financial reporting; CSRD; ISSB; GRI; Scope 3 emissions; Life Cycle Assessment (LCA); Life Cycle Thinking; carbon footprint; sustainability training; capacity building; behavioral change; corporate governance; supply chain sustainability	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Firoz Alam Faroque	https://www.scopus.com/authid/detail.uri?authorid=57211890401	Civil Engineering	Manipal Institute of Technology, Bengaluru	Finite Element Analysis: Advanced solver configurations in COMSOL Multiphysics, convergence control, mesh refinement, Solid Mechanics: Continuum damage mechanics, fracture energy, non-linear constitutive relations. Structural Engineering: Reinforced concrete design, shear vs. flexural failure modes.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar T Yadav	https://researcher.manipal.edu/en/persons/arunkumar-t-yadav/	Civil Engineering	Manipal Institute of Technology, Bengaluru	Urban Heat Island; Land Surface Temperature; Thermal Remote Sensing; GIS; Landsat; LULC; NDVI; NDBI; Urban Climate; Machine Learning; Sustainable Urban Planning.	Technology and Science	ENGG: CIVIL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhinandan Routray	https://www.scopus.com/authid/detail.uri?authorid=57200499011	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	•Zero-Day Intrusion Detection •Explainable AI (XAI) •Generative AI •Agentic AI •Autonomous Cyber Defense •BG Networks •Smart IoT Security •Anomaly Detection	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adesh N D	https://researcher.manipal.edu/en/persons/adesh-n-d/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Domain knowledge: Fundamentals of Artificial Intelligence and Machine Learning; Deep Learning and CNNs; Image Processing and Computer Vision. Keywords: Artificial Intelligence, Deep Learning, Imagery, Semantic Segmentation, Horticulture, Forest Monitoring, Land-Use Change Detection.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adesh N D	https://researcher.manipal.edu/en/persons/adesh-n-d/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Keywords: Autonomous Vehicles, Internet of Things (IoT), V2V Communication, V2I Communication, Intelligent Transportation Systems (ITS), Machine Learning, Collision Avoidance, Smart Traffic Management, Vehicular Networks, Smart Cities Domain Knowledge Requirements: Machine learning and artificial intelligence, Fundamentals of wireless and mobile communication, computer networks, IoT and sensor networks, V2V/V2I/V2X communication.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adesh N D	https://researcher.manipal.edu/en/persons/adesh-n-d/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Domain Knowledge Requirements: Machine learning and deep learning, Cellular and wireless communication, 4G/5G network architecture, radio resource management, computer networks, , optimization techniques. Keywords: Artificial Intelligence, Machine Learning, Reinforcement Learning, Edge Intelligence, Network Automation, Self-Organizing Networks (SON), Radio Resource Management, Mobility Management, Load Balancing, Energy-Efficient Networks.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ahamed Shafeeq B M	https://www.scopus.com/authid/detail.uri?authorid=59261608200	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; AI-Driven Development Lifecycle (AI-DLC); Software Development Lifecycle; Generative AI; Large Language Models (LLMs); AI-Assisted Software Engineering; Human-AI Collaboration; Software Automation; Software Quality; AI-Driven Software Engineering.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ahamed Shafeeq B M	https://www.scopus.com/authid/detail.uri?authorid=59261608200	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Swarm Intelligence; Clustering; Optimization; Metaheuristic Algorithms; Cluster Quality; High-Dimensional Data; Noisy Data; Scalability; Heterogeneous Datasets; Machine Learning;	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ahamed Shafeeq B M	https://www.scopus.com/authid/detail.uri?authorid=59261608200	Computer Science and Engineering	Manipal Institute of Technology, Manipal	LLMs; Environmental Data Analytics; Spatiotemporal Analysis; Machine Learning; Explainable AI; Decision Support.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ajitha Shenoy K B	https://researcher.manipal.edu/en/persons/ajitha-shenoy-k-b-2/	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI, Algorithms, Computer Science	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ajitha Shenoy K B	https://researcher.manipal.edu/en/persons/ajitha-shenoy-k-b-2/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Computer vision, Deep learning, Anomaly detection	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ajitha Shenoy K B	https://researcher.manipal.edu/en/persons/ajitha-shenoy-k-b-2/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Computer Vision, Deep Learning, Object Detection	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amit Kumar Goyal	https://researcher.manipal.edu/en/persons/ amit-kumar-goyal/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; Adaptive Intelligence; Security; Next-Generation Devices; Optimization; Cybersecurity	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anita Kini	https://www.scopus.com/authid/detail.uri?authorid=57215565803	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Precision agriculture/Agricultural digital twin/Multimodal agricultural data/Advanced deep learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anita Kini	https://www.scopus.com/authid/detail.uri?authorid=57215565803	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Digital Twin/Artificial Intelligence/Predictive Healthcare/Biomedical Instrumentation/Deep Learning/	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anitha H	https://researcher.manipal.edu/en/persons/anitha-h/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI in Health Care Neurological disorder	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Anitha H	https://researcher.manipal.edu/en/persons/anitha-h/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	surgical navigation system	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anitha H	https://researcher.manipal.edu/en/persons/anitha-h/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	2 D -3D registration	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ankur Jaiswal	https://researcher.manipal.edu/en/persons/ankur-jaiswal/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basic of CAD Modeling, Python, MATLAB	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ankur Jaiswal	https://researcher.manipal.edu/en/persons/ankur-jaiswal/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basis of Python coding, Image Processing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Archana Praveen Kumar	https://www.scopus.com/authid/detail.uri?authorid=57732446500	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Research Area: NLP — discourse-level semantics and fine-grained opinion mining, with explainable AI. Research Topic: In social text, sentiment is often attributed to the wrong entity, because opinion targets appear as pronouns or informal mentions rather than named entities. This work develops a joint entity-aware, coreference-driven model for target-based sentiment analysis, in which the resolved coreference chain acts both as a model component and as the explanation for each attribution. It tests joint modelling against pipeline and LLM baselines, and asks whether such explanations are causally faithful. Keywords: target-based sentiment analysis; coreference resolution; anaphora; named entity recognition; explainable AI; faithfulness; noisy user-generated text. Domain Knowledge: span-based coreference and sequence labelling; aspect-based sentiment analysis; transformer fine-tuning and multi-task learning; XAI attribution and faithfulness evaluation; Python/PyTorch.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Archana Praveen Kumar	https://www.scopus.com/authid/detail.uri?authorid=57732446500	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Research Area: Multimodal NLP and computer vision — continuous sign language translation for education, with Deaf-led evaluation. Research Topic: Much of the grammar of a sign language is carried non-manually, through eyebrow position, head movement, gaze, mouthing and spatial reference, which systems recognising isolated signs from hand shape discard. This work treats the task as continuous translation over the full visual signal rather than gesture classification, targeting instructional discourse in Indian Sign Language. It covers corpus construction with native signers, translation under data scarcity, and technical vocabulary lacking established signs. Evaluation uses comprehension studies with Deaf collaborators. Keywords: sign language translation; multimodal learning; non-manual markers; low-resource languages; accessibility; Deaf-led design. Domain Knowledge: vision transformers and pose estimation; sequence-to-sequence models; sign linguistics; corpus annotation.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Archana Praveen Kumar	https://www.scopus.com/authid/detail.uri?authorid=57732446500	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Research Area: Clinical NLP and Responsible AI — implicit sentiment in mental health language, with fairness and privacy. Research Topic: Distress is often expressed indirectly, through minimisation, passive framing, sarcasm and avoidance, so models trained on overt emotion under-detect those least likely to disclose. This work builds an implicit sentiment framework for mental health text, asking which markers of indirect distress are learnable from public forum data, whether accuracy varies across gender and cultural expression styles, and whether generative models can synthesise clinical text without exposing patient disclosures. Keywords: implicit sentiment analysis; clinical NLP; sarcasm and hedging; algorithmic fairness; bias auditing; privacy-preserving ML; synthetic text; explainability. Domain Knowledge: transformer fine-tuning; figurative language; synthetic-data generation; fairness auditing; differential privacy; screening instruments (PHQ-9, GAD-7); research ethics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashwath Rao B	https://researcher.manipal.edu/en/persons/ashwath-rao-b/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Speech Processing, Natural Language Processing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashwath Rao B	https://researcher.manipal.edu/en/persons/ashwath-rao-b/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Computer Science & Engineering, Signal Processing, Healthcare Technology	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashwath Rao B	https://researcher.manipal.edu/en/persons/ashwath-rao-b/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Speech Processing, Speech Augmentation, Natural Language Processing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Balachandra	https://researcher.manipal.edu/en/persons/balachandra-m/	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI/Cyber Security/Skill Enhancement through Gamification: Design of a Secured Framework Leveraging Emerging Computing Technologies for Adaptive, Personalized Learning/Machine Learning, Gamification, Cyber Security/Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Cenitta D	https://www.scopus.com/authid/detail.uri?authorid=57205102082	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Federated Learning, Deep Learning, Explainable AI, Privacy-Preserving Machine Learning, Healthcare AI, Trustworthy AI, Non-ID Data, Model Interpretability	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Cenitta D	https://www.scopus.com/authid/detail.uri?authorid=57205102082	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Multimodal Deep Learning, Multimodal Fusion, Explainable AI, Transformers, Attention Mechanisms, Representation Learning, Robust AI, Decision Support Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Cenitta D	https://www.scopus.com/authid/detail.uri?authorid=57205102082	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Edge AI, Deep Learning, Efficient AI, Model Compression, Knowledge Distillation.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Chandrakala C B	https://researcher.manipal.edu/en/persons/chandrakala-c-b/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Edge-Fog Computing /Information Security / Federated Learning, Agentic AI, Digital Twins ,Explainable and Trustworthy AI/ AI .Distributed computing	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. Chandrakala C B	https://researcher.manipal.edu/en/persons/chandrakala-c-b/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Computer Science/Edge Computing/Edge, Resource Utilization, Intelligent Systems/AI, ML, Distributed Computing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Chinmay Rajhans	https://researcher.manipal.edu/en/persons/dr-chinmay-rajhans/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Deepfake Detection, Artificial Intelligence (AI), Photo Verification, Computer Vision, Digital Forensics, AI ML.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Cifha Crecil Saldanha	https://researcher.manipal.edu/en/persons/cifha-crecil-saldanha/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Multimodal Artificial Intelligence; Generative AI; Neurodevelopmental Disorders; Autism; ADHD; Child Mental Health; Computational Phenotyping; Representation Learning; Explainable AI; Deep Learning; Missing-Modality Learning; Precision Mental Health	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Cifha Crecil Saldanha	https://researcher.manipal.edu/en/persons/cifha-crecil-saldanha/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Federated Learning; Privacy-Preserving AI; Distributed Machine Learning; Healthcare AI; Multimodal Learning; Explainable AI; Differential Privacy; Personalized Federated Learning; Non-ID Data; Trustworthy AI; Medical Informatics; Data Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Dasharathraj K Shetty	https://researcher.manipal.edu/en/persons/dasharathraj-k-shetty/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Artificial Intelligence in Dental Education; Computer Vision and Automated Assessment, Computer Vision: image acquisition, segmentation, feature extraction and multi-view analysis; Artificial Intelligence/Deep Learning: classification, object detection and image-based error identification; Image Processing: preprocessing, alignment, contour and shape analysis;	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Dasharathraj K Shetty	https://researcher.manipal.edu/en/persons/dasharathraj-k-shetty/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Artificial Intelligence; Maxillofacial Fractures; Computed Tomography; Anatomical Localization; Deep Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Deepak Parashar	https://researcher.manipal.edu/en/persons/deepak-parashar/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning; Medical Image Analysis; Multimodal Data Analytics; Digital Twins in Healthcare; Explainable AI; Cancer Informatics; Predictive and Personalised Medicine.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepak Parashar	https://researcher.manipal.edu/en/persons/deepak-parashar/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning; Multimodal Data Analytics; Digital Twins; Explainable AI; Predictive Maintenance; Industrial IoT; Edge Computing; Cyber-Physical Systems.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Diana Olivia	https://www.scopus.com/authid/detail.uri?authorid=55341179300	Information and Communication Technology	Manipal Institute of Technology, Manipal	Artificial Intelligence in Healthcare; Cognitive Computing; Neuropsychological Assessment; Assistive Technologies	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Deepa .	https://researcher.manipal.edu/en/persons/g-deepa/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Anomaly Detection, Information Security, Zero-Trust Network	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Deepa .	https://researcher.manipal.edu/en/persons/g-deepa/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Large Language Models, Deep Learning, Anomaly Detection, Information Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Deepa .	https://researcher.manipal.edu/en/persons/g-deepa/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Cybersecurity, Machine Learning, Social Networks, Information Security, Data Analysis, Deepfake Detection, Content Propagation, Social Media Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Pradeep Reddy	https://www.scopus.com/authid/detail.uri?authorid=36601563100	School of Computer Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning Deep Learning Multimodal AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Pradeep Reddy	https://www.scopus.com/authid/detail.uri?authorid=36601563100	School of Computer Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning Deep Learning Multimodal AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Pradeep Reddy	https://www.scopus.com/authid/detail.uri?authorid=36601563100	School of Computer Engineering	Manipal Institute of Technology, Manipal	Internet of Things (IoT), LoRa, LoRaWAN, Low-Power Wide-Area Network (LPWAN)	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gautham P Jeppu	https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=gautham+jeppu&btnG=&oeq	Chemical Engineering	Manipal Institute of Technology, Manipal	Computer science, Multimodal Data Fusion; Deep Sequence Modeling; Explainable AI (XAI); Predictive Clinical Decision Support; Precision Cardiology (SDG 3.4).	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Girija Attigeri	https://www.scopus.com/authid/detail.uri?authorid=37010751200	Information and Communication Technology	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Multimodal Data Analytics and Healthcare Informatics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Girija Attigeri	https://www.scopus.com/authid/detail.uri?authorid=37010751200	Information and Communication Technology	Manipal Institute of Technology, Manipal	Artificial Intelligence, Computer Vision, Remote Sensing and Precision Agriculture	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gouranga Mandal	https://www.scopus.com/authid/detail.uri?authorid=57214804807	School of Computer Engineering	Manipal Institute of Technology, Manipal	Optimization, Renewable Power Systems, Environmental Sustainability	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gouranga Mandal	https://www.scopus.com/authid/detail.uri?authorid=57214804807	School of Computer Engineering	Manipal Institute of Technology, Manipal	Medical image enhancement Deep learning Image denoising Image super resolution Contrast enhancement	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gouranga Mandal	https://www.scopus.com/authid/detail.uri?authorid=57214804807	School of Computer Engineering	Manipal Institute of Technology, Manipal	Endoscopic image enhancement Gastrointestinal disease Polyp detection Illumination correction Deep learning Medical image analysis	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Hareesha K S	https://researcher.manipal.edu/en/persons/hareesha-k-s/publications/	Administration	Manipal Institute of Technology, Manipal	Artificial Intelligence in Healthcare; Medical Data Analytics; Multimodal Data Fusion; Sparse Time-Series Modeling; Explainable AI (XAI); Predictive Nephrology; and Clinical Decision Support Systems.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Hemalatha S	https://researcher.manipal.edu/en/persons/hemalatha-s/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Large Language Models, Artificial Intelligence, Information Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Hemalatha S	https://researcher.manipal.edu/en/persons/hemalatha-s/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Internet of Things, Artificial Intelligence, Smart cities, Data analytics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Hemalatha S	https://researcher.manipal.edu/en/persons/hemalatha-s/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Information security, Data Security, Privacy and Security, Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Himanshu Gupta	https://www.scopus.com/authid/detail.uri?authorid=59914273900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Cybersecurity, Trustworthy Artificial Intelligence; Autonomous Systems; Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jagadeesh Chandra R B	https://researcher.manipal.edu/en/persons/jagadeesh-chandra-r-b/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Brain-computer interface, Motor imagery, EEG signal processing, Machine learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Jeevan M	https://researcher.manipal.edu/en/persons/jeevan-m/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Research Area: Affective Computing, Multimodal Biomedical Signal & Image Processing, and Explainable Artificial Intelligence for Psychiatric Screening. Research Topic: Reading the Unspoken: A Multimodal Deep Learning Framework for Detecting Concealed Distress, Pain, and Suicidal Intent, Grounded in the Genuine Psychophysiology Behind Mentalism. Keywords: Micro-Expression Recognition; Ideomotor Effect; Concealed-Emotion Detection; Multimodal Deep Learning; Automatic Pain Assessment; Linguistic Leakage; Suicide-Risk Screening; Explainable AI; Psychophysiology. Domain Knowledge Requirements: 1. Signal and Image Processing. 2. Machine learning and deep learning (CNNs/transformers, attention-based multimodal fusion, explainability methods) 3. Programming (Python; PyTorch/TensorFlow; OpenCV) and rigorous experimental design (patient-disjoint external validation).	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Karthik Rao M C	https://researcher.manipal.edu/en/persons/karthik-rao-m-c/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Image processing, Vertebral Segmentation, Deep Learning, Uncertainty-Aware Prediction	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Keerthana Jayadeva Prasad	https://researcher.manipal.edu/en/persons/keerthana-prasad/	School of Information Science	Manipal School of Information Sciences, Manipal	Deep learning, AI based diagnosis	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kishore B	https://www.scopus.com/authid/detail.uri?authorid=55554828600	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Intelligent Transportation Systems; Software-Defined Networking; Edge Computing; Artificial Intelligence; Multisensory Data Fusion; Connected Vehicles; Adaptive Traffic Control.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kishore B	https://www.scopus.com/authid/detail.uri?authorid=55554828600	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Intelligent Transportation Systems; Software-Defined Networking; Edge Computing; Artificial Intelligence; Multisensory Data Fusion; Connected Vehicles; Adaptive Traffic Control.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Krishnaraj Chadaga	https://researcher.manipal.edu/en/persons/krishnaraj-chadaga/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI and ML	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Krishnaraj Chadaga	https://researcher.manipal.edu/en/persons/krishnaraj-chadaga/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI and ML	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Krishnaraj Chadaga	https://researcher.manipal.edu/en/persons/krishnaraj-chadaga/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI and ML, Solar Energy	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Mamatha Balachandra	https://www.scopus.com/authid/detail.uri?authorid=35785894700	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning for Healthcare/Biomechanically Informed Explainable AI for Early Prediction of Diabetic Foot Ulcer Risk Using Plantar Pressure Data/Diabetic Foot Ulcer, Diabetic Foot Syndrome, Plantar Pressure, Biomechanical Analysis, Artificial Intelligence, Machine Learning, Explainable AI, Early Risk Prediction, Foot Biomechanics, Clinical Decision Support/Artificial Intelligence & Machine Learning, Explainable AI, Biomedical/Healthcare Engineering, Foot Biomechanics, Diabetic Foot Pathology, Plantar Pressure Analysis, Signal Processing, Data Analytics, and Clinical Decision Support	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manish Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57205511476	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; MIMO Antenna; 5G Communication; 6G Communication; Antenna Optimization; Compact Antenna; Wideband Antenna; Mutual Coupling; Antenna Gain; Radiation Efficiency; ECC; IoT; Wireless Communication.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjula Shenoy K	https://www.scopus.com/authid/detail.uri?authorid=57221744448	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI, Healthcare analytics, Multimodal Learning, Longitudinal Neuroimaging Analysis, Explainable AI (XAI), and Uncertainty-Aware Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjula Shenoy K	https://www.scopus.com/authid/detail.uri?authorid=57221744448	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI, ML, AI for healthcare, Explainability, Personalized AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjula Shenoy K	https://www.scopus.com/authid/detail.uri?authorid=57221744448	Information and Communication Technology	Manipal Institute of Technology, Manipal	Natural Language Processing, LLM, AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath K N	https://researcher.manipal.edu/en/persons/manjunath-k-n/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Medical Image Processing, AI in image analysis, Linear Algebra	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunatha .	https://researcher.manipal.edu/en/persons/manjunatha/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Edge Intelligence and Real-Time Analytics, AI/ML, Security for Smart Devices, IoT Intrusion Detection Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunatha .	https://researcher.manipal.edu/en/persons/manjunatha/	School of Computer Engineering	Manipal Institute of Technology, Manipal	Agentic AI, Real-Time Stream Analytics, AI-Driven Security Operations, IoT and Edge Device Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunatha .	https://researcher.manipal.edu/en/persons/manjunatha/	School of Computer Engineering	Manipal Institute of Technology, Manipal	AI for Genomic Surveillance, Continual Learning, Precision Medicine, Machine Learning for Healthcare, Computational Biology	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manoj T	https://www.scopus.com/authid/detail.uri?authorid=57549908800	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Blockchain, Generative Deep Learning, LLM, Smart Agriculture, Precision Agriculture, Agricultural Risk Management	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Manoj T	https://www.scopus.com/authid/detail.uri?authorid=57549908800	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Adversarial Attacks, Large Language Models, Model Security, Privacy-Preserving Artificial Intelligence, Trustworthy Artificial Intelligence	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Muralikrishna S N	https://researcher.manipal.edu/en/persons/muralikrishna-s-n/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Medical Image Analysis, Deep Learning, Computer Vision, Explainable AI, Liver Cirrhosis, Image Segmentation, Disease Detection and Staging.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Muralikrishna S N	https://researcher.manipal.edu/en/persons/muralikrishna-s-n/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Deep Learning, Document Image Analysis	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Narendra Khatri	https://researcher.manipal.edu/en/persons/narendra-khatri/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basic Knowledge of AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Narendra V G	https://researcher.manipal.edu/en/persons/narendra-v-g/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Image Processing, Computer Vision, Machine Learning, Deep Learning, Explainable AI, Quality, Real life style	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Narendra V G	https://researcher.manipal.edu/en/persons/narendra-v-g/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Image Processing, Computer Vision, Machine Learning, Deep Learning, Explainable AI, Disease Prediction, Clinical Indicator, Risk Analysis	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Narendra V G	https://researcher.manipal.edu/en/persons/narendra-v-g/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Image Processing, Computer Vision, Soft Computing Techniques, Machine Learning, Deep Learning, Artificial Intelligence, Defects Detection, Agricultural Products	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nikita Goel	https://www.scopus.com/authid/detail.uri?authorid=57217480198	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Wireless communications, AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nisha P Shetty	https://researcher.manipal.edu/en/persons/nisha-p-shetty/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Computer Engineering/ Education / AI/ ML / DL	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nisha P Shetty	https://researcher.manipal.edu/en/persons/nisha-p-shetty/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Computer Engineering/ Education / AI/ ML / DL/NLP	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Om Prakash Kumar	https://researcher.manipal.edu/en/persons/om-prakash-kumar/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Machine learning, Deep learning, Python programming, image processing, computer vision, and healthcare applications	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Om Prakash Kumar	https://researcher.manipal.edu/en/persons/om-prakash-kumar/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Python programming, machine learning, deep learning, computer vision, video processing, and smart-city applications	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Omkar S Powar	https://www.scopus.com/authid/detail.uri?authorid=57200753447	Biomedical Engineering	Manipal Institute of Technology, Manipal	Biomedical Artificial Intelligence, Healthcare Machine Learning, Medical Informatics, Critical Care Analytics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. P. B Shanthi .	https://researcher.manipal.edu/en/persons/shanthi-p-b/publications/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI and Machine Learning Applications	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. P. B Shanthi .	https://researcher.manipal.edu/en/persons/shanthi-p-b/publications/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	AI and Machine Learning Application	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Pankaj Kumar	https://researcher.manipal.edu/en/persons/pankaj-kumar/	Information and Communication Technology	Manipal Institute of Technology, Manipal	UAV, IRS, ML/AI, Performance metrics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pankaj Kumar	https://researcher.manipal.edu/en/persons/pankaj-kumar/	Information and Communication Technology	Manipal Institute of Technology, Manipal	UAV, IRS, ML/AI, Energy harvesting, Performance metrics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pankaj Kumar	https://researcher.manipal.edu/en/persons/pankaj-kumar/	Information and Communication Technology	Manipal Institute of Technology, Manipal	UAV, IRS, ML/AI, Energy harvesting, Optimization, Performance metrics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pankaj Kumar	https://www.scopus.com/authid/detail.uri?authorid=58589778900	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; Deep Learning; Renewable-Energy Forecasting; Solar and Wind Power Forecasting; Time-Series Analysis; Explainable AI; Uncertainty Quantification; Energy Management System; Predictive Analytics; Internet of Things; Smart Grid; Optimization; Decision-Support System	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Preetham Kumar	https://researcher.manipal.edu/en/persons/preetham-kumar/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Explainable AI, Machine Learning, Multimodal data processing	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. Radhika Kamath	https://researcher.manipal.edu/en/persons/radhika-kamath/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Obfuscation , Federated learning (FL), Deep Learning, Privacy Preserving	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Radhika Kamath	https://researcher.manipal.edu/en/persons/radhika-kamath/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Parallel Programming , Distributed Deep Learning, Privacy Preserving, Smart City	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Radhika Kamath	https://researcher.manipal.edu/en/persons/radhika-kamath/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Parallel Programming, Machine Unlearning, Deep Neural Networks	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Raghavendra Ganiga	https://researcher.manipal.edu/en/persons/raghavendra-ganiga/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Small Language Models (SLMs); Healthcare Information Extraction; HL7 FHIR; Knowledge Distillation; Model Quantization	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Raghavendra Ganiga	https://researcher.manipal.edu/en/persons/raghavendra-ganiga/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Lightweight Speech Recognition; Dravidian Languages; Healthcare AI; Clinical Speech Processing; Model Compression	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Raghavendra S	https://researcher.manipal.edu/en/persons/raghavendra-s/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Autonomous vehicles, image classification, computer vision, deep learning, convolutional neural networks, vision transformers, object detection, real-time perception, intelligent transportation systems, road-scene understanding.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Raghavendra S	https://researcher.manipal.edu/en/persons/raghavendra-s/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Autonomous vehicles, semantic segmentation, deep learning, computer vision, road-scene understanding, vision transformers, attention mechanisms, real-time perception, obstacle detection, intelligent transportation systems.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra S	https://researcher.manipal.edu/en/persons/raghavendra-s/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Floor-plan analysis, semantic segmentation, deep learning, computer vision, architectural drawings, room detection, building information modelling, vision transformers, spatial-layout understanding, image classification.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna M	https://researcher.manipal.edu/en/persons/ramakrishna-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	AI, Image Processing, Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna M	https://researcher.manipal.edu/en/persons/ramakrishna-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Software Defined Networks, AI, Network Monitorig	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna M	https://researcher.manipal.edu/en/persons/ramakrishna-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	NLP, Geotagging, AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Ramakrishna K Kini	https://researcher.manipal.edu/en/persons/ramakrishna-k-kini/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Intelligent Anomaly Detection, Real-Time Monitoring, Medical Sensor Data, AI-Enabled Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ramya D Shetty	https://researcher.manipal.edu/en/persons/ramya-d-shetty/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Complex network analysis, ML and DL	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Ramya D Shetty	https://researcher.manipal.edu/en/persons/ramya-d-shetty/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Complex network analysis, and ML and DL	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ramya D Shetty	https://researcher.manipal.edu/en/persons/ramya-d-shetty/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Complex network analysis, and ML and DL	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi Laxmikant Malghan	https://researcher.manipal.edu/en/persons/rashmi-laxmikant-malghan/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Artificial Intelligence, Explainable AI, Deep Learning, Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Rashmi Laxmikant Malghan	https://researcher.manipal.edu/en/persons/rashmi-laxmikant-malghan/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	AI, Explainable AI, Deep Learning, Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Rashmi M	https://researcher.manipal.edu/en/persons/rashmi-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Social Network Analysis, Deep learning, Hypergraph learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Rashmi M	https://researcher.manipal.edu/en/persons/rashmi-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Social Network Analysis, deep learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi M	https://researcher.manipal.edu/en/persons/rashmi-m/	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Computer vision, deep learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi Naveen Raj	https://researcher.manipal.edu/en/persons/rashmi-naveen-raj/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Research area: Artificial Intelligence, Reinforcement Learning, Autonomous vehicles Domain Knowledge: Python programming, AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi Naveen Raj	https://researcher.manipal.edu/en/persons/rashmi-naveen-raj/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Autonomous driving, Artificial Intelligence, Reinforcement learning Programming, Python	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raviraja Holla M	https://researcher.manipal.edu/en/persons/dr-raviraja-holla-m/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Image processing, Cryptography, Digital Signal Processing	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. Raviraja Holla M	https://researcher.manipal.edu/en/persons/dr-raviraja-holla-m/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Medical Imaging and Visual Secret Sharing (VSS), General-Purpose Computation on Graphics Processing Units (GPGPU), Super-Resolution Techniques, Security and Performance Optimization in VSS.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Raviraja Holla M	https://researcher.manipal.edu/en/persons/dr-raviraja-holla-m/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Visual Secret Sharing (VSS), Super-Resolution, Parallel Computing, Image Processing	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. Renuka. A	https://researcher.manipal.edu/en/persons/renuka-a/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning, Privacy preserving technologies, Cybersecurity, Internet of Vehicles	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Renuka. A	https://researcher.manipal.edu/en/persons/renuka-a/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence and Machine Learning, Data Analytics, Large Language Models	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rituraj Bhattacharjee	https://www.scopus.com/authid/detail.uri?authorid=57212170486	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence, Computational Microfluidics and Separation Science Keywords: Machine learning, surrogate modelling, Bayesian optimization, reinforcement learning, microfluidic separation, liquid biopsy, COMSOL, ANSYS Fluent Domain Requirements: Proficiency in Python or MATLAB and basic knowledge of machine learning, optimization and numerical computing. Prior knowledge of microfluidics or CFD is useful but not essential.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Roopashri Shetty	https://researcher.manipal.edu/en/persons/roopashri-shetty/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Distributed systems, optimization, Cloud Computing	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. S Arockiaraj	https://www.scopus.com/authid/detail.uri?authorid=57422475600	School of Information Science	Manipal School of Information Sciences, Manipal	Machine learning, Deep learning, Data analytics, Air Quality Prediction and Pollution Dispersion, Climate Action	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Satyajit Mahapatra	https://researcher.manipal.edu/en/persons/satyajit-mahapatra	Information and Communication Technology	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence and Machine Learning Research Topic: Robust Deep Learning for Small, Imbalanced, and Noisy Datasets Keywords (Maximum 5): Deep Learning Class Imbalance Learning Data Augmentation Medical Image Analysis Transfer Learning Domain Knowledge Requirements: Machine Learning, Deep Learning, Computer Vision, Pattern Recognition, Statistics, and Python Programming.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Satyajit Mahapatra	https://researcher.manipal.edu/en/persons/satyajit-mahapatra	Information and Communication Technology	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence for Remote Sensing and Geospatial Analytics Research Topic: Deep Learning and Spatiotemporal Modeling for Earth Observation Data Analysis Keywords (Maximum 5): Remote Sensing Deep Learning Change Detection Geospatial Analytics Vision Transformers Domain Knowledge Requirements: Machine Learning, Deep Learning, Computer Vision, Remote Sensing, and Python Programming.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Satyajit Mahapatra	https://researcher.manipal.edu/en/persons/satyajit-mahapatra	Information and Communication Technology	Manipal Institute of Technology, Manipal	Research Area: Foundation Models and Multimodal Artificial Intelligence Research Topic: Vision-Language Foundation Models for Multimodal Representation Learning and Intelligent Applications Keywords (Maximum 5): Vision-Language Models Foundation Models Multimodal Learning Representation Learning Generative and Multimodal AI Domain Knowledge Requirements: Machine Learning, Deep Learning, Computer Vision, Natural Language Processing, Multimodal Learning, Foundation Models, and Python Programming.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Shailesh K R	https://researcher.manipal.edu/en/persons/shailesh-k-r/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Computer vision, deep learning, explainable AI, uncertainty estimation and robot control. Research Area: Computer Vision, Artificial Intelligence, Deep Learning, Autonomous Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shavantreva Sangappa Bilakeri	https://www.scopus.com/authid/detail.uri?authorid=57992241400	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Research Topic: Autonomous Aerial Vision for Multi-Object Tracking and Scene Understanding Keywords: Aerial Multi-Object Tracking, UAV Vision, Drone Video Analytics, Object Detection, Deep Learning, Transformers, Spatio-Temporal Learning, Trajectory Prediction, Small Object Detection, Re-Identification, Camera Motion Compensation, Autonomous Vision. Domain Knowledge Requirements: Fundamentals of Machine Learning and Deep Learning; Computer Vision and Image/Video Processing; Python programming: familiarity with deep learning frameworks such as PyTorch or TensorFlow; basic understanding of object detection and tracking. Knowledge of UAV systems, transformers, optical flow, or trajectory modelling would be advantageous but is not mandatory.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shavantreva Sangappa Bilakeri	https://www.scopus.com/authid/detail.uri?authorid=57992241400	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Research Area: Computer Vision, Artificial Intelligence, Deep Learning, Autonomous Systems, Intelligent Transportation Systems Research topic: Multimodal 3D Multi-Object Tracking for Autonomous Driving and Intelligent Transportation Systems Keywords: 3D Multi-Object Tracking, Autonomous Driving, Multimodal Sensor Fusion, 3D Object Detection, Deep Learning, Transformers, Bird's-Eye-View Representation, Trajectory Prediction, Object Re-Identification, Spatio-Temporal Learning, Intelligent Transportation Systems Domain Knowledge Requirements: Fundamentals of Machine Learning and Deep Learning; Computer Vision and Image/Video Processing; Python programming: familiarity with deep learning frameworks such as PyTorch or TensorFlow. Basic understanding of object detection, multi-object tracking, and 3D geometry is desirable. Knowledge of LIDAR, radar, sensor fusion, autonomous driving datasets, transformers, or trajectory prediction would be an added advantage but is not mandatory.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shavantreva Sangappa Bilakeri	https://www.scopus.com/authid/detail.uri?authorid=57992241400	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Research Area: Computer Vision, Artificial Intelligence, Deep Learning, Intelligent Video Analytics, Smart Surveillance Systems Research Topic Multi-Camera Multi-Object Tracking and Re-Identification for Large-Scale Intelligent Surveillance Keywords Multi-Camera Multi-Object Tracking, Cross-Camera Tracking, Person Re-Identification, Vehicle Re-Identification, Deep Learning, Vision Transformers, Graph Neural Networks, Spatio-Temporal Learning, Data Association, Camera Topology, Long-Term Tracking, Intelligent Video Surveillance Domain Knowledge Requirements: Fundamentals of Machine Learning and Deep Learning; Computer Vision and Image/Video Processing; Python programming; familiarity with deep learning frameworks such as PyTorch or TensorFlow. Basic understanding of object detection, multi-object tracking, and feature representation is desirable. Knowledge of re-identification, transformers, graph neural networks, metric learning, or multi-camera video analytics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sivakumar V	https://researcher.manipal.edu/en/persons/sivakumar-v/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Large Language Models, Evolutionary Computation, Automated Algorithm Design, Hyper-Heuristics, Co-Adaptive Systems, Explainable AI, Metaheuristics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Sivakumar V	https://researcher.manipal.edu/en/persons/sivakumar-v/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Trustworthy AI, Large Language Models, Evolutionary Algorithms, Algorithm Discovery, Benchmarking, Interpretability, Reproducibility, Causal Evaluation	Technology and Science	ENGG: COMPUTER STREAM	PART TIME CANDIDATES ONLY
Dr. Sivakumar V	https://researcher.manipal.edu/en/persons/sivakumar-v/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	Underwater Sensor Networks, Internet of Underwater Things, Large Language Models, Evolutionary Computation, Adaptive Routing, Resource Optimization, AUVs, Co-Adaptive Intelligence	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sowmya Gupta	https://researcher.manipal.edu/en/persons/sowmya-rupia/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Computer Vision, AI ML, Real-Time Processing, Facial Verification, Feature Extraction, Pattern Recognition	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Spoorthi Singh	https://researcher.manipal.edu/en/persons/dr-spoorthi-singh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Advanced Image Processing & Computer Vision Image enhancement, registration, segmentation, object detection, change detection and geospatial image analysis. Deep Learning & Foundation Models CNNs, Vision Transformers, SAM-type segmentation models, vision foundation models, transfer learning and domain adaptation. Multimodal AI RGB + Thermal + SAR + UAV + Satellite + DEM + temporal data fusion. AI Programming & Implementation Python, PyTorch/TensorFlow, OpenCV, CUDA/GPU computing, GIS/QGIS/Google Earth Engine and model optimization. Vision-Language Models & Explainable AI Image-to-text reasoning, disaster scene interpretation, confidence/uncertainty estimation and explainable predictions. Disaster Analytics & Decision Support Damage severity assessment, hazard mapping, accessibility analysis and AI-based rescue-priority generation.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Subramanya R Prabhu	https://researcher.manipal.edu/en/persons/subramanya-r-prabhu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Artificial intelligence; machine learning: predictive modelling; decision-support system; friction stir welding	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Subraya Krishna Bhat	https://researcher.manipal.edu/en/persons/subraya-krishna-bhat/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic Calculus/Mathematics, Basic Physics, Basics of Strength of Materials, Differential Equations and Numerical Methods	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Subraya Krishna Bhat	https://researcher.manipal.edu/en/persons/subraya-krishna-bhat/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic Calculus/Mathematics, Basic Physics, Optimization, Differential Equations and Numerical Methods	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Sucharitha Shetty	https://www.scopus.com/authid/detail.uri?authorid=57211168892	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Seed quality assessment, seed identification, computer vision, domain adaptation, domain generalization, deep learning, transfer learning, few-shot learning, seed morphology, defect detection, explainable AI, non-destructive assessment	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sucharitha Shetty	https://www.scopus.com/authid/detail.uri?authorid=57211168892	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Resource-constrained databases, autonomous databases, database performance optimization, AI-assisted tuning, experience-driven learning, workload characterization, resource management, adaptive optimization, knowledge transfer, explainable AI, self-tuning databases	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sughosh P	https://www.scopus.com/authid/detail.uri?authorid=35339944900	School of Civil and Chemical Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; Deep Learning; Explainable AI; Greenhouse Gas Emissions; Environmental Data Modelling; Sustainable Waste Management	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumith N	https://researcher.manipal.edu/en/persons/sumith-n/	Information and Communication Technology	Manipal Institute of Technology, Manipal	machine learning, deep learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumith N	https://researcher.manipal.edu/en/persons/sumith-n/	Information and Communication Technology	Manipal Institute of Technology, Manipal	machine learning, deep learning, social networks	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumith N	https://researcher.manipal.edu/en/persons/sumith-n/	Information and Communication Technology	Manipal Institute of Technology, Manipal	image processing, machine learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Swati Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57605006900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Antenna Design, Antenna Optimization; 5G, 6G, mmWave, Reconfigurable Antenna, Massive MIMO, Beamforming, Intelligent Antenna.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Tanuja Shallesh	https://researcher.manipal.edu/en/persons/tanuja-shallesh/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence in Healthcare, Digital Health / Preventive Healthcare Technology, Explainable AI (XAI) in Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Tanuja Shallesh	https://researcher.manipal.edu/en/persons/tanuja-shallesh/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence & Machine Learning, Deep Learning, Remote sensing, Multimodal Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Tanuja Shallesh	https://researcher.manipal.edu/en/persons/tanuja-shallesh/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence in Healthcare, Digital Health / Preventive Healthcare Technology	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ujjwal .	https://researcher.manipal.edu/en/persons/uijwal/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Clinical Risk Prediction; Transfer Learning; Domain Adaptation; Data-Efficient Learning; Trustworthy AI; Explainable AI; Uncertainty Estimation; Model Calibration; Healthcare Analytics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ujjwal .	https://researcher.manipal.edu/en/persons/uijwal/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Elastic Optical Networks; Routing and Spectrum Allocation; Heuristic Algorithms; Optimization; Metaheuristic Algorithms; Artificial Intelligence; Deep Reinforcement Learning; Explainable AI; Spectrum Fragmentation; Optical Communication Networks.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ujjwal .	https://researcher.manipal.edu/en/persons/uijwal/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Credit-Risk Prediction; Concept Drift; Data-Efficient Learning; Adaptive Learning; Transfer Learning; Loan Default; Probability Calibration; Uncertainty Estimation; Explainable AI; Macroeconomic Conditions.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Umesh Kumar Sahu	https://researcher.manipal.edu/en/persons/umesh-kumar-sahu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	MATLAB, Open-CV, Image Processing, Computer vision, Basics of AI and Control system	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Veena Maya	https://researcher.manipal.edu/en/persons/veena-mayya/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI, ML, CKD	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Veena Maya	https://researcher.manipal.edu/en/persons/veena-mayya/publications/	Information and Communication Technology	Manipal Institute of Technology, Manipal	AI, ML, Dental Decision Support Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Venkatesh Bhandage	https://www.scopus.com/authid/detail.uri?authorid=57202333193	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Python coding, Basics of Machine Learning and Deep Learning, Basic image/medical image understnading	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vijaya Arjunan R	https://researcher.manipal.edu/en/persons/vijaya-arjunan-r/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	dermoscopic lesion; Data augmentation; multi-class detection; ML; DL; CNN	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vijaya Arjunan R	https://researcher.manipal.edu/en/persons/vijaya-arjunan-r/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Skin lesion prediction; Skin lesion classification; Modified long short-term memory; Novel single candidate-oriented sewing training-based optimizer algorithm;	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vijaya Arjunan R	https://researcher.manipal.edu/en/persons/vijaya-arjunan-r/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Virtual Reality (VR), Cybersickness, Multimodal Framework, Real-Time Detection, ML, DL.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vivekananda K Bhat	https://researcher.manipal.edu/en/persons/vivekananda-k-bhat/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Cyber security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Vivekananda K Bhat	https://researcher.manipal.edu/en/persons/vivekananda-k-bhat/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Cyber security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Vivekananda K Bhat	https://researcher.manipal.edu/en/persons/vivekananda-k-bhat/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Quantum Machine learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Yashwanth N	https://researcher.manipal.edu/en/persons/yashwanth-n/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Data Science, Signal Processing, Intelligent Electrical Systems, Cyber-Physical Systems, Cybersecurity	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Naveen Gehlot	https://researcher.manipal.edu/en/persons/naveen-gehlot/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Biomedical Signal Processing, Explainable Artificial Intelligence, Human-Machine Interaction, Explainable AI (XAI), Biomedical Signals, sEMG, EEG, Interpretable Machine Learning, Feature Selection, Feature Attribution, Deep Learning, Signal Processing, Human-Machine Interaction, Wearable Biomedical Systems, Gesture Recognition.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pooja S	https://www.scopus.com/authid/detail.uri?authorid=57192429800	School of Computer Engineering	Manipal Institute of Technology, Manipal	Generative Artificial Intelligence, Intelligent Tutoring Systems , Open-Ended Response Assessment, Large Language Models , Explainable AI, Personalized Feedback, Natural Language Processing, Educational Technology	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pooja S	https://www.scopus.com/authid/detail.uri?authorid=57192429800	School of Computer Engineering	Manipal Institute of Technology, Manipal	Cyber-Physical Power Systems (CPPS), AI-driven Smart Grid , Grid Modernization, Smart Grid Security , Energy Cyber-Physical Systems,	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pooja S	https://www.scopus.com/authid/detail.uri?authorid=57192429800	School of Computer Engineering	Manipal Institute of Technology, Manipal	USB Security Intrusion Detection System (IDS) Explainable Artificial Intelligence (XAI) Side-Channel Attacks Contention-Based Leakage Adversarial Traffic Analysis Cyber-Physical Systems Security Anomaly Detection Adaptive Obfuscation Peripheral Interface Security Interpretable Machine Learning Hardware-Level Threat Mitigation	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Umesh Kumar Yadav	https://www.scopus.com/authid/detail.uri?authorid=57763291000	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Machine Learning; Quantum Deep Learning; Explainable AI; Data Science; Time-Series Analysis; Intelligent Optimization; Reinforcement Learning; Autonomous Systems; Digital Twins; Edge AI; Robotics; Cyber-Physical Systems.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Preeti Jha	https://www.scopus.com/authid/detail.uri?authorid=57202074548	School of Computer Engineering	Manipal Institute of Technology, Bengaluru	Hybrid quantum-classical computing; big data clustering; high-dimensional data; scalability; noise robustness; quantum machine learning.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Preeti Jha	https://www.scopus.com/authid/detail.uri?authorid=57202074548	School of Computer Engineering	Manipal Institute of Technology, Bengaluru	Deepfake video detection; GAN-based data augmentation; cross-dataset generalization; video classification; domain generalization	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Preeti Jha	https://www.scopus.com/authid/detail.uri?authorid=57202074548	School of Computer Engineering	Manipal Institute of Technology, Bengaluru	Scalable clustering; concept drift detection; data streams; incremental learning; distributed processing; evolving big data.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gururaj H L	https://www.scopus.com/authid/detail.uri?authorid=56538437700	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Computer Networks, Network Security and Cyber Security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gururaj H L	https://www.scopus.com/authid/detail.uri?authorid=56538437700	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Computer Networks and Cyber security	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kaushik Mishra	https://researcher.manipal.edu/en/persons/kaushik-mishra/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: IoT, Edge computing, Fog computing, Cloud computing, Internet of Medical Things Keywords: Adaptive service caching, Joint caching-offloading optimization mechanisms, IoMT, Healthcare, Mobile Edge Computing Domain Knowledge Requirements: OS, Cloud Computing, CN, AI-ML	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepak Sethi	https://www.scopus.com/authid/detail.uri?authorid=57191157118	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Explainable artificial intelligence, TinyML, anomaly detection, Internet of Things, wireless body area networks, wireless sensor networks, edge intelligence, real-time monitoring.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepak Sethi	https://www.scopus.com/authid/detail.uri?authorid=57191157118	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Split learning, multimodal data fusion, privacy preservation, Internet of Things, wireless body area networks, wireless sensor networks, edge computing, healthcare monitoring.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kaushik Mishra	https://researcher.manipal.edu/en/persons/kaushik-mishra/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Mobile Edge Computing, Internet of Vehicular Things, Vehicular Edge Networking, Intelligent Transportation Systems, Distributed Resource Management. Research Topic: Mobility-aware task offloading and adaptive service caching in IoT using MEC. Keywords: IoVT, MEC, task offloading, service caching, mobility awareness, vehicle handoff, latency minimization, cache hit ratio, service migration, vehicular networks. Domain Knowledge Requirements: MEC architecture, vehicular networking, task scheduling, service caching, mobility modeling, handoff-aware optimization, latency and migration overhead analysis, and simulation/prototyping of edge-enabled vehicular systems.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Lokesh Singh	https://www.scopus.com/authid/detail.uri?authorid=55810862900	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Deep Learning, Medical Image Analysis, Computer Vision, Explainable AI (XAI), Vision Transformers, Image Segmentation, Image Classification, Multimodal Learning, Transfer Learning, Python, TensorFlow/PyTorch.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Lokesh Singh	https://www.scopus.com/authid/detail.uri?authorid=55810862900	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Cybersecurity, Machine Learning, Deep Learning, Network Intrusion Detection, Malware Analysis, Anomaly Detection, Adversarial Machine Learning, Explainable AI, Federated Learning, Data Mining, Python, Network Security.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Lokesh Singh	https://www.scopus.com/authid/detail.uri?authorid=55810862900	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Data Science, Deep Learning, Data Mining, Classification, Clustering, Feature Engineering, Feature Selection, Ensemble Learning, Explainable AI, Optimization, Python, Data Structures and Algorithms.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumyashree .	https://researcher.manipal.edu/en/persons/soumyashree/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Agentic AI, Multi-Agent Systems, Autonomous Decision-Making, Explainable AI, Artificial Intelligence Security, Adaptive Learning, Large Language Models, Human-in-the-Loop, Access Control, Intelligent Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumyashree .	https://researcher.manipal.edu/en/persons/soumyashree/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Multimodal AI, Medical Imaging, Clinical Text, Early Disease Detection, Deep Learning, Explainable AI, Clinical Decision Support	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumyashree .	https://researcher.manipal.edu/en/persons/soumyashree/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Agentic AI, Multimodal AI, Smart Agriculture, Crop Disease Detection, Explainable AI, Precision Farming, Multi-Agent Systems, IoT Sensors	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreyas J	https://www.scopus.com/authid/detail.uri?authorid=57211623371	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Research Area: Artificial Intelligence in Agriculture, Precision Agriculture, Computer Vision and Edge Computing Research Topic: Explainable Edge AI for Early Detection and Severity Assessment of Tomato Leaf Diseases Using Smartphone Images and Microclimate Data Keywords: Artificial Intelligence; Precision Agriculture; Tomato Leaf Disease; Deep Learning; Computer Vision; Vision Transformers; Image Segmentation; Disease Severity Assessment; Explainable AI; Edge AI; Smartphone-Based Diagnosis; Multimodal Learning; Microclimate Data; Internet of Things; Model Compression Domain Knowledge Requirements: Fundamentals of artificial intelligence, machine learning and deep learning, Computer vision, image processing and pattern recognition, Convolutional neural networks and vision transformers, Object detection and image-segmentation techniques Explainable AI and model-interpretability methods.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Shreyas J	https://www.scopus.com/authid/detail.uri?authorid=57211623371	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Research Area: Artificial Intelligence in Agriculture, Precision Nutrient Management, Remote Sensing and Sustainable Agriculture Research Topic: Explainable Machine Learning for Site-Specific Fertilizer Recommendation in Rice Cultivation Using Soil, Weather and Crop-Health Data Keywords: Artificial Intelligence; Precision Agriculture; Fertilizer Recommendation; Rice Cultivation; Nutrient Management; Soil Fertility; Nitrogen Prediction; Machine Learning; Explainable AI; Remote Sensing; Vegetation Indices; Internet of Things; Yield Prediction; Site-Specific Agriculture; Sustainable Farming Domain Knowledge Requirements: Fundamentals of artificial intelligence and machine learning Supervised learning, regression, classification and ensemble-learning methods Explainable AI techniques such as SHAP and LIME Python programming and libraries such as Pandas, Scikit-learn, TensorFlow or PyTorch Statistical analysis, feature engineering and experimental design, Soil-data collection.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Sathiyaraj Rajendran	https://www.scopus.com/authid/detail.uri?authorid=57205462503	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Machine Learning Neonatology Genetic Disorders Metabolic Disabilities Predictive Analytics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sathiyaraj Rajendran	https://www.scopus.com/authid/detail.uri?authorid=57205462503	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Internet of Things (IoT) Sustainability Big Data Analytics Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sathiyaraj Rajendran	https://www.scopus.com/authid/detail.uri?authorid=57205462503	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Internet of Things (IoT) Edge Computing Environmental Monitoring Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreyas J	https://www.scopus.com/authid/detail.uri?authorid=57211623371	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Keywords Artificial Intelligence; Grape Quality Grading; Grape Maturity Assessment; Computer Vision; Deep Learning; Multimodal Learning; Hyperspectral Imaging; Multispectral Imaging; Image Segmentation; Explainable AI; Non-Destructive Quality Assessment; Precision Horticulture; Defect Detection; Soluble Solids Content; Edge AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Arunkumar Balakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57188830256	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	medical image fusion, hybrid deep learning, multi-modal imaging, explainable AI, computer-aided diagnosis, healthcare AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar Balakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57188830256	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	medical image fusion, quantum deep learning, multi-modal imaging, explainable AI, hybrid quantum-classical models, healthcare AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar Balakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57188830256	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	large language models, healthcare AI, hallucination detection	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shaleen Bhatnagar	https://researcher.manipal.edu/en/persons/shaleen-bhatnagar/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Artificial Intelligence, Medical Image Analysis, and Quantum Machine Learning Research Topic: Trustworthy Medical Image Analysis Using Hybrid Quantum-Classical Learning Keywords: Medical image classification; hybrid quantum-classical learning; quantum machine learning; deep learning; robustness; explainable AI; model evaluation. Domain Knowledge Requirements: A foundation in machine learning, deep learning, Python programming, and linear algebra. Familiarity with medical image processing or quantum computing is desirable; the candidate can develop expertise in the other area during the PhD.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shaleen Bhatnagar	https://researcher.manipal.edu/en/persons/shaleen-bhatnagar/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Machine Learning, Computer Vision, Precision Agriculture Keywords: Crop stress diagnosis; multimodal learning; nutrient deficiency; plant disease; water stress; uncertainty estimation; domain generalization. Domain Knowledge Requirements: Python, machine learning, basic statistics, and computer vision.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Karthik S A	https://www.scopus.com/authid/detail.uri?authorid=57202704793	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Quantum Machine Learning, Artificial Intelligence, Medical Image Processing, Deep Learning and Computer Vision Keywords: Quantum Machine Learning (QML), Brain MRI, Brain Tumour Detection, Image Segmentation, Image Classification, Quantum Neural Networks, Vision Transformers, Explainable AI, Medical Image Analysis Domain Knowledge Requirements: Basic knowledge of Python, Machine Learning, Deep Learning, Computer Vision and Image Processing is desirable. Prior knowledge of Quantum Computing is not mandatory; students will be introduced to the required quantum concepts during the research.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Karthik S A	https://www.scopus.com/authid/detail.uri?authorid=57202704793	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Quantum Machine Learning, Artificial Intelligence, Computer Vision, Deep Learning, Agricultural Image Processing and Precision Agriculture Keywords: Quantum Machine Learning (QML), Vision Transformer (ViT), Rice Blast Disease, Rice Leaf Images, Plant Disease Detection, Image Classification, Quantum Neural Networks, Explainable AI, Deep Learning, Precision Agriculture Domain Knowledge Requirements: Basic knowledge of Python, Machine Learning, Deep Learning, Computer Vision and Image Processing is desirable. Knowledge of agriculture or plant pathology is beneficial but not mandatory. Prior knowledge of Quantum Computing is not required; students can learn the necessary quantum concepts during the Ph.D. research.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Karthik S A	https://www.scopus.com/authid/detail.uri?authorid=57202704793	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Research Area: Agentic AI, Multimodal Artificial Intelligence, Medical Image Analysis, Computer Vision, Generative AI and Clinical Decision Support Keywords: Agentic AI, Diabetic Retinopathy, Retinal Fundus Images, Multimodal AI, Vision-Language Models, Large Language Models, Lesion Detection, Medical Image Analysis, Explainable AI, Clinical Report Generation, Multi-Agent Systems Domain Knowledge Requirements: Basic knowledge of Python, Machine Learning, Deep Learning, Computer Vision and Image Processing is desirable. Knowledge of Generative AI, Large Language Models or Vision-Language Models is beneficial but not mandatory. Medical knowledge of ophthalmology is not required, as the necessary domain concepts can be learned during the research.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra M Devadas	https://scholar.google.com/citations?user=zBPeWQQAAAAI&hl=en	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Artificial Intelligence / Trustworthy & Explainable AI Keywords: Agentic AI, Causal Inference, LLM Hallucination Mitigation, Self-Verification, Explainable AI, Trustworthy Decision Systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra M Devadas	https://scholar.google.com/citations?user=zBPeWQQAAAAI&hl=en	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Research Area: Cybersecurity / Edge Computing & Neuromorphic Systems Keywords: Network Intrusion Detection, Neuromorphic Computing, Spiking Neural Networks, Edge AI, 6G Security, Adversarial Robustness, IoT	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra M Devadas	https://scholar.google.com/citations?user=zBPeWQQAAAAI&hl=en	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Research Area: Computational Biology / Bioinformatics & Interpretable Machine Learning Keywords: Survival Analysis, Multi-Omics Integration, Metaheuristic Optimization, Explainable AI, Deep Learning, Cancer Prognosis, Feature Selection	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Snigdha Sen	https://researcher.manipal.edu/en/persons/snigdha-sen/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	LLM, Knowledge Graph, Medical Diagnosis, Agentic AI, Retrieval-Augmented Generation	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Snigdha Sen	https://researcher.manipal.edu/en/persons/snigdha-sen/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Hate Speech Detection, Cyberbullying, Code-Mixed Text (Hinglish), Explainable AI, Multilingual NLP	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Snigdha Sen	https://researcher.manipal.edu/en/persons/snigdha-sen/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Digital Twin, Quantum Computing, Anomaly Detection, Satellite Scheduling, Uncertainty Modelling	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sanket Mishra	https://www.scopus.com/authid/detail.uri?authorid=57200648670	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Open-vocabulary object detection, uncertainty calibration, conformal prediction, long-tailed recognition, distribution shift	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Sanket Mishra	https://www.scopus.com/authid/detail.uri?authorid=57200648670	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Unsupervised domain adaptation, adverse weather perception, RGB-NIR fusion, knowledge distillation, semantic segmentation	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sanket Mishra	https://www.scopus.com/authid/detail.uri?authorid=57200648670	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Multimodal fusion, clinical time series, missing modality robustness, clinical natural language processing, early warning systems	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Dharmanna Lamani	https://www.scopus.com/authid/detail.uri?authorid=56127055800	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Quantum Computing, Image Analysis, Fractal Dimension Algorithms and Glaucoma	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Dharmanna Lamani	https://www.scopus.com/authid/detail.uri?authorid=56127055800	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	CrewAI, Alzheimer's Disease, Artificial Intelligence and Machine Learning.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhijit Das	https://www.scopus.com/authid/detail.uri?authorid=57209556825	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Multimodal AI, Predictive Healthcare Deep Learning, Machine Learning in Healthcare, Artificial Intelligence in Medicine, Early Disease Detection, Personalized Treatment	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhijit Das	https://www.scopus.com/authid/detail.uri?authorid=57209556825	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Autonomous Cyber Defense, Generative AI, Explainable LLMs, IoT Security, AI-Driven Cyber Defense, Cyber Threat Intelligence, Multimodal IoT Data Analysis, Adversarial Attack Simulation, Threat Detection and Prediction	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Madhura K	https://www.scopus.com/authid/detail.uri?authorid=57420914300	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Keywords: Multi-Agent Systems, Generative Enterprise Ecosystems, Tool-Use Protocols, Zero-Trust Architecture, Interoperability Fabrics, API Discovery, Runtime Sandboxing, Autonomous Workflows	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumanth V	https://www.scopus.com/authid/detail.uri?authorid=57769205900	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	IoT, Image Classification, Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumanth V	https://www.scopus.com/authid/detail.uri?authorid=57769205900	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Blockchain Technology, IoT, Data mining	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumanth V	https://www.scopus.com/authid/detail.uri?authorid=57769205900	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	IoT, Data mining, Computer Network, Machine Learning.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Madhura K	https://www.scopus.com/authid/detail.uri?authorid=57420914300	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Keywords: Persistent Memory Architectures, Long-Running Agents, Hierarchical Context Compression, Incremental Codebase Comprehension, Autonomous Software Engineering, Abstract Syntax Trees, Memory Taxonomies, Context Window Optimization	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Madhura K	https://www.scopus.com/authid/detail.uri?authorid=57420914300	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Keywords: Cloud-Native SRE, Multi-Agent Framework, Causal Trace Analysis, Self-Healing Microservices, Root-Cause Analysis, Autonomous Runtime Remediation, Distributed Systems, Telemetry Observability	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sunil Kumar Singh	https://www.scopus.com/authid/detail.uri?authorid=7407868477	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	UAVs Networks, IoT, Deep Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sunil Kumar Singh	https://www.scopus.com/authid/detail.uri?authorid=7407868477	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	IoT, Machine Learning, Digital Twin	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sunil Kumar Singh	https://www.scopus.com/authid/detail.uri?authorid=7407868477	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	IoT, Healthcare, Machine Learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shilpa Ankalaki	https://researcher.manipal.edu/en/persons/shilpa-ankalaki/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Human Activity Recognition, Machine Learning, Deep Learning, Artificial Intelligence, Digital Twin	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. SK Mahmudul Hassan	https://www.scopus.com/authid/detail.uri?authorid=57218597543	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Machine Learning, Deep learning, Pattern Recognition,	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Kumar Sekhar Roy	https://www.scopus.com/authid/detail.uri?authorid=56785116500	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	digital twins, PQC, cyber-physical security, intelligent anomaly detection.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Kumar Sekhar Roy	https://www.scopus.com/authid/detail.uri?authorid=56785116500	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	PQC, Artificial Intelligence, Communication	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. SK Mahmudul Hassan	https://www.scopus.com/authid/detail.uri?authorid=57218597543	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Medical Image Processing, Deep learning, Machine learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. SK Mahmudul Hassan	https://www.scopus.com/authid/detail.uri?authorid=57218597543	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Precision agriculture, machine learning, deep learning	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Tusar Kanti Mishra	https://www.scopus.com/authid/detail.uri?authorid=55444980700	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	AI; Health and Technology; Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Tusar Kanti Mishra	https://www.scopus.com/authid/detail.uri?authorid=55444980700	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	AI; Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepti Sisodia	https://www.scopus.com/authid/detail.uri?authorid=36998852000	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Cybersecurity, Deep Learning, Explainable AI, Network Security, Python, Data Analytics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepti Sisodia	https://www.scopus.com/authid/detail.uri?authorid=36998852000	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Deep Learning, Explainable AI, Trustworthy AI, Ensemble Learning, Imbalanced Learning, Feature Selection, Adaptive Learning, Predictive Analytics, Python, Data Science.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepti Sisodia	https://www.scopus.com/authid/detail.uri?authorid=36998852000	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Machine Learning, Imbalanced Learning, Rare-Event Detection, Data Balancing, Oversampling, Undersampling, SMOTE, Cost-Sensitive Learning, Ensemble Learning, Classification, Data Mining, Python, Data Analytics.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Varlagadda Vishnu Srinivasa Murthy	https://researcher.manipal.edu/en/persons/varlagadda-vishnu-srinivasa-murthy/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Artificial Intelligence in Healthcare, Autonomous Systems, Clinical Decision Support	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Varlagadda Vishnu Srinivasa Murthy	https://researcher.manipal.edu/en/persons/varlagadda-vishnu-srinivasa-murthy/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Explainable AI (XAI), Recommender Systems, Personalization, Deep Learning, Trustworthy AI Domain Knowledge: Machine Learning, Recommender Systems, Data Mining, Deep Learning, NLP.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Varlagadda Vishnu Srinivasa Murthy	https://researcher.manipal.edu/en/persons/varlagadda-vishnu-srinivasa-murthy/	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Autonomous Navigation, Agricultural Robotics, Computer Vision, Sensor Fusion, Path Planning Domain Knowledge: AI/ML, Robotics, Computer Vision, Deep Learning, Sensors/IoT, Optimization.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Shreya Banerjee	https://www.scopus.com/authid/detail.uri?authorid=57208159197	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Cyber Security, Software Engineering, AI, ML/DL	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreya Banerjee	https://www.scopus.com/authid/detail.uri?authorid=57208159197	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	AI/ML, Database Technologies, Data Analytics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gauri Kalnoor	https://researcher.manipal.edu/en/persons/gauri-kalnoor/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Multi-Agent Systems, Autonomous Robots, Precision Farming, Reinforcement Learning, Intelligent Navigation	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Gauri Kalnoor	https://researcher.manipal.edu/en/persons/gauri-kalnoor/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Agentic AI, Multi-Agent Systems, Healthcare Automation, AI Governance, Personalized Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Gauri Kalnoor	https://researcher.manipal.edu/en/persons/gauri-kalnoor/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	Explainable AI, Uncertainty Quantification, Disease Prediction, Clinical Risk Assessment, Personalized Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Amreen Ayesha	https://www.scopus.com/authid/detail.uri?authorid=58064540800	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Liquid Biopsy, Circulating Tumor DNA (ctDNA), Deep Learning (CNNs, RNNs), Cancer Early Detection, Biomarker Analysis, Pancreatic and Ovarian Cancer, Time-Series Analysis, Real-Time Cancer Monitoring	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amreen Ayesha	https://www.scopus.com/authid/detail.uri?authorid=58064540800	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Sagrass distribution maps, Acoustic Telemetry, Habitat Suitability Model, Predictive ecosystem model, GIS spatial analysis, Coastal protection, Ecosystem Monitoring Technology, Marine biodiversity management	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anitha P	https://www.scopus.com/authid/detail.uri?authorid=58198002000	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Machine Learning, AI, Cloud Computing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anitha P	https://www.scopus.com/authid/detail.uri?authorid=58198002000	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	Cloud computing, Machine Learning, AI	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amreen Ayesha	https://www.scopus.com/authid/detail.uri?authorid=58064540800	Information and Communication Technology	Manipal Institute of Technology, Bengaluru	### Top 5 Keywords 1. Quantum-Agentic AI 2. Federated Learning 3. Multimodal AI 4. Digital Twins 5. Explainable AI (XAI)	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rashmi R	https://researcher.manipal.edu/en/persons/rashmi-r/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	1. Computational Pathology 2. Artificial Intelligence 3. Colorectal Cancer 4. Histopathological Image Analysis 5. Explainable AI 6. Computer Vision 7. Medical Image Analysis	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Rashmi R	https://researcher.manipal.edu/en/persons/rashmi-r/	Computer Science and Engineering	Manipal Institute of Technology, Bengaluru	1. Computational Pathology 2. Foundation Models 3. Whole-Slide Image Analysis 4. Domain Generalization 5. Digital Pathology 6. Medical Image Analysis 7. Computer Vision	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY
Dr. Ashish Sharma	https://scholar.google.com/citations?user=2TF8E4MAAAJ&hl=en&oi=sra	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Computer Science	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath K N	https://researcher.manipal.edu/en/persons/manjunath-k-n/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Domain knowledge: Machine learning and Deep learning, Linear algebra, 3D volume, digital image processing, medical imaging modalities	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manjunath K N	https://researcher.manipal.edu/en/persons/manjunath-k-n/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	Machine learning and Deep learning, Linear algebra, 3D volume processing, digital image processing, medical imaging modalities, Radiatin physics	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sandhya Parasnath Dubey	https://www.scopus.com/authid/detail.uri?authorid=57189050105	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Natural Language Processing (NLP), Artificial Intelligence, Machine Learning, and Computational Finance	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sandhya Parasnath Dubey	https://www.scopus.com/authid/detail.uri?authorid=57189050105	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Bioinformatics, Computational Biology, Artificial Intelligence, Machine Learning, and High-Performance Computing	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sandhya Parasnath Dubey	https://www.scopus.com/authid/detail.uri?authorid=57189050105	Data Science and Computer Applications	Manipal Institute of Technology, Manipal	Artificial Intelligence in Healthcare, Medical Informatics, Biomedical Engineering, Medical Image/Sensor Analysis, and Precision Radiotherapy	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Varun Sarda	https://www.scopus.com/authid/detail.uri?authorid=57209858968	Humanities and Management	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Finance, Stock Market	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Varun Sarda	https://www.scopus.com/authid/detail.uri?authorid=57209858968	Humanities and Management	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Finance, Stock Market	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Varun Sarda	https://www.scopus.com/authid/detail.uri?authorid=57209858968	Humanities and Management	Manipal Institute of Technology, Manipal	Artificial Intelligence, Machine Learning, Finance, Healthcare	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. S Arockiaraj	https://www.scopus.com/authid/detail.uri?authorid=57422475600	School of Information Science	Manipal School of Information Sciences, Manipal	Adversarial Machine Learning, Internet of Things (IoT), Wireless Sensor Networks, Edge AI, Federated Learning, Adversarial Robustness, Resilient Inference, and Resource-Constrained AI.	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prathviraj N	https://www.scopus.com/authid/detail.uri?authorid=56641872500	School of Information Science	Manipal School of Information Sciences, Manipal	Cloud Computing, Distributed Systems, Fault Tolerance, Data Availability, Cloud Storage Redundancy, Health Information Exchange, ABDM, Federated Architecture, Data Privacy, Erasure Coding	Technology and Science	ENGG: COMPUTER STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Abhinandan Routray	https://www.scopus.com/authid/detail.uri?authorid=57200499011	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	•Dual Active Bridge (DAB) •EV Battery Charging •Constant Current–Constant Voltage (CC–CV) •Bidirectional DC–DC Converter •Fast Charging •Phase-Shift Control •High-Frequency Transformer •Power Electronics	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhinandan Routray	https://www.scopus.com/authid/detail.uri?authorid=57200499011	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	•Smart EV Charging System •Solar-Assisted EV Charger •Photovoltaic (PV) System •Maximum Power Point Tracking (MPPT) •Active Power Factor Correction (PFC) •Fast DC Charging •Grid-Connected Charging Station •Renewable Energy Integration •Electric Vehicle Infrastructure •Sustainable Transportation	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Adarsh Nigam	https://www.scopus.com/authid/detail.uri?authorid=57195511132	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Solid State Physics, Compound semiconductor Electronics	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Akshatha K R	https://researcher.manipal.edu/en/persons/akshatha-k-r/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence, Deep Learning, Industrial Internet of Things, Predictive Maintenance, Explainable AI, and Edge Computing Research Topic: Efficient and Explainable Deep Learning for Predictive Maintenance in Edge IIoT Systems Keywords: Predictive Maintenance, Industrial IoT, Fault Diagnosis, Equipment Health Monitoring, Remaining Useful Life Estimation, Deep Learning, CNN-LSTM, Attention Mechanisms, Explainable AI, SHAP, LIME, Edge Intelligence, Model Compression, Sensor Data Analytics. Domain Knowledge Requirements: Fundamentals of machine learning and deep learning; Python programming; familiarity with deep learning frameworks such as PyTorch or TensorFlow; and a basic understanding of signal processing, time-series analysis, and industrial sensor data. Knowledge of predictive maintenance, explainable AI, embedded systems, edge computing, or model optimization would be advantageous but is not mandatory.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Akshatha K R	https://researcher.manipal.edu/en/persons/akshatha-k-r/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence, Computer Vision, Precision Agriculture, UAV Remote Sensing, Multispectral Imaging, Deep Learning, and Edge Computing Research Topic: Intelligent Object Detection and Segmentation in UAV Multispectral Imagery for Precision Agriculture Keywords: Precision Agriculture, UAV Imaging, Multispectral Imaging, RGB–NIR Fusion, Object Detection, Image Segmentation, Weed Detection, Camouflaged Object Detection, Crop Monitoring, Pest and Disease Detection, Small-Object Detection, Deep Learning, Domain Adaptation, and Edge AI. Domain Knowledge Requirements: Fundamentals of machine learning and deep learning; Python programming; familiarity with image processing, object detection, segmentation, and deep learning frameworks such as PyTorch or TensorFlow.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Akshatha K R	https://researcher.manipal.edu/en/persons/akshatha-k-r/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence, Computer Vision, UAV Remote Sensing, Multimodal Imaging, Object Detection, and Object Tracking Research Topic: Intelligent RGB–Thermal and Multispectral Object Detection and Tracking in UAV Imagery Keywords: UAV Imagery, RGB–Thermal Imaging, Multispectral Imaging, Multimodal Fusion, Small-Object Detection, Object Tracking, Cross-Modal Alignment, Motion Modelling, Deep Learning, Vision Transformers, and Edge AI. Domain Knowledge Requirements: Fundamentals of machine learning and deep learning; Python programming; familiarity with image processing, object detection, tracking, and frameworks such as PyTorch or TensorFlow. Knowledge of UAV imaging, thermal or multispectral image analysis, multimodal fusion, or edge deployment would be advantageous but is not mandatory.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Amit Kumar Goyal	https://researcher.manipal.edu/en/persons/amit-kumar-goyal/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Sensors; Photonic Devices; Modeling; Optical Sensor	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ananthakrishna T	http://aem-prod-lb-2.centralindia.cloudapp.azure.com/mit/departement-faculty/faculty-list/ananthakrishna.t.html	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Brain-computer interface, EEG signal processing, Machine learning, Hardware acceleration, Embedded systems design, Edge AI computing.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Ananthakrishna T	http://aem-prod-lb-2.centralindia.cloudapp.azure.com/mit/department-faculty/faculty-list/ananthakrishna-t.html	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Machine Learning, EEG signals, Mild cognitive impairment (MCI), Biomarkers, Deep Neural Network.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Anjan N Padmasali	https://www.scopus.com/authid/detail.uri?authorid=56045565300	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Research area: Artificial Intelligence, Machine Learning, Computer Vision.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anjan N Padmasali	https://www.scopus.com/authid/detail.uri?authorid=56045565300	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Research Area: Power Electronics, Electric Vehicles	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Anjan N Padmasali	https://www.scopus.com/authid/detail.uri?authorid=56045565300	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Electrical Safety, Electrical Fault Diagnosis, Embedded Systems	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arigela Sri Satya Veerendra Babu	https://researcher.manipal.edu/en/persons/arigela-sri-satya-veerendra-babu/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Battery management system, electric vehicle, lithium-ion battery, state of charge, state of health, machine learning, fault diagnosis, cell balancing.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Arigela Sri Satya Veerendra Babu	https://researcher.manipal.edu/en/persons/arigela-sri-satya-veerendra-babu/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	EV charging station, solar photovoltaic system, battery energy storage, smart charging, vehicle-to-grid, energy management, demand response, renewable energy.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Arigela Sri Satya Veerendra Babu	https://researcher.manipal.edu/en/persons/arigela-sri-satya-veerendra-babu/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Battery-aware charging, battery management system, renewable energy integration, model-predictive control, fast charging, battery degradation, smart grid, electric vehicle.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Asha C S	https://www.manipal.edu/mit/department-faculty/faculty-list/asha-c-s/_jcr_content.html	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Mixed Reality, Unity, Unreal Engine, IoT	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Asha C S	https://www.manipal.edu/mit/department-faculty/faculty-list/asha-c-s/_jcr_content.html	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Mixed Reality, IoT, CPR	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Bhagya R Navada	https://manipal.pure.elsevier.com/en/persons/bhagya-r-navada	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence, Assistive medical device, Rehabilitation, Data processing	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bhaskar Awadhiya	https://www.scopus.com/authid/detail.uri?authorid=56451156200	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Semiconductor Devices, Nanoelectronics, Biosensors, Biomedical Electronics, and Emerging Electronic Devices	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Bindu S	https://www.scopus.com/authid/detail.uri?authorid=57190659736	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Energy efficient systems, Electric Machines, Ship Electrical systems	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bindu S	https://www.scopus.com/authid/detail.uri?authorid=57190659736	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Electric Machines, Dynamic analysis, AI based control	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Cifha Crecil Saldanha	https://researcher.manipal.edu/en/persons/cifha-crecil-saldanha/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Multimodal AI; Neurodevelopmental Disorders; Autism Spectrum Disorder; ADHD; Child Mental Health; EEG; Neuroimaging; Digital Biomarkers; Transdiagnostic Modelling; Explainable AI; Deep Learning.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Enaganti Prasanth Kumar	https://www.scopus.com/authid/detail.uri?authorid=57215010899	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Digital twin, Solar PV, Artificial Intelligence and Machine learning, Smart energy management, AI/ML, Battery storage, Power electronics, Data acquisition, MATLAB/Simulink or Python, Electrical measurements	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Goutham Simha G D	https://www.scopus.com/authid/detail.uri?authorid=57196464646	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Wireless communications and intelligent radio systems, with emphasis on 6G ISAC and AI-native physical-layer modeling. 6G wireless communications/Integrated Sensing and Communication (ISAC) Generative AI / Generative models /Wireless channel modeling /Radio environment modeling/Digital twin.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Himanshu Gupta	https://www.scopus.com/authid/detail.uri?authorid=59914273900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence; Cloud Computing; Edge Computing; Internet of Things; Self-Managing Systems; Digital Twins	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jagadeesh Chandra R B	https://researcher.manipal.edu/en/persons/jagadeesh-chandra-r-b/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Antenna, wideband, MIMO	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Jeevan M	https://researcher.manipal.edu/en/persons/jeevan-m/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Research Area: Biomedical Image & Signal Processing, Explainable Artificial Intelligence, and Non-Invasive Diagnostic Screening in Healthcare. Research Topic: Beyond Iridology: A Rigorous, Explainable, Clinically-Validated Investigation of Iris Texture and Pupillary Response as Non-Invasive Biomarkers for Diabetes Screening. Keywords: Iris Texture Analysis; Pupillography; Diabetic Autonomic Neuropathy; Non-Invasive Diabetes Screening; Explainable Deep Learning; Confound-Controlled Validation; Ocular Biomarkers; Medical Image Processing. Domain Knowledge Requirements: 1. Biomedical image processing (iris segmentation, rubber-sheet normalization, texture descriptors — GLCM/GLRLM/wavelet features) 2. Machine learning and deep learning (CNNs/vision transformers, explainability methods — Grad-CAM, attention attribution) 3. Programming (Python; PyTorch/TensorFlow; OpenCV or equivalent for iris preprocessing)	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Kanthi	https://www.scopus.com/authid/detail.uri?authorid=55210503000	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Wearable Sensors; Gait Analysis; Inertial Measurement Unit; Human Activity Recognition; Edge Intelligence; Explainable Artificial Intelligence; Biomedical Signal Processing; Machine Learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kanthi	https://www.scopus.com/authid/detail.uri?authorid=55210503000	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Brain-computer interface, Edge AI computing, EEG signal processing, Machine learning, Embedded AI systems design.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kanthi	https://www.scopus.com/authid/detail.uri?authorid=55210503000	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Hardware/software codesign, Embedded systems design, FPGA prototyping, Reconfigurable computing systems, System on chip design.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Keerthana Jayadeva Prasad	https://researcher.manipal.edu/en/persons/keerthana-prasad/	School of Information Science	Manipal School of Information Sciences, Manipal	Artificial Intelligence, deep learning, computer aided diagnosis, microscopy, whole slide images	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Laxman Rao S Paragond	ORCIDID: orcid.org/0000-0001-7481-1277 ; Scopus ID: 56598067400	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Power Electronics, Distributed Power Generation, EVs, Power Quality	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Laxman Rao S Paragond	ORCIDID: orcid.org/0000-0001-7481-1277 ; Scopus ID: 56598067400	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Power Electronics applications to Renewable Energy sources, ECS, Power qualities,	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Madhushankara M	https://researcher.manipal.edu/en/persons/madhushankara-m/	School of Information Science	Manipal School of Information Sciences, Manipal	Wearable Healthcare, Edge AI, System-on-Chip, VLSI Design, Digital IC Design, Computer Architecture, RTL Design, Low-Power Design, FPGA and ASIC Implementation	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Madhushankara M	https://researcher.manipal.edu/en/persons/madhushankara-m/	School of Information Science	Manipal School of Information Sciences, Manipal	Edge AI, Machine Learning Accelerators, Micro-Electronics, VLSI Design, Computer Architecture, FPGA and ASIC Implementation	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Manish Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57205511476	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	MIMO Antenna; 5G Communication; 6G Communication; Compact Antenna; Microstrip Antenna; Wideband Antenna; Mutual Coupling; Antenna Gain; Radiation Efficiency; IoT; Wireless Communication	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Meenatchisundaram S	https://www.scopus.com/authid/detail.uri?authorid=57722794200	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Visual Acuity Measurement Machine Learning Deep Learning Eye Tracking Video Oculography (VOG) Convolutional Neural Networks (CNN) Pupil Detection Gaze Estimation Biomedical Instrumentation Artificial Intelligence in Healthcare	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Muralidhar Bairy G	https://researcher.manipal.edu/en/persons/muralidhar-g-bairy/publications/	Biomedical Engineering	Manipal Institute of Technology, Manipal	Healthcare/ Blood parameters/ Machine learning, Blood parameters, Classification, viral and bacterial infections/ Machine learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Muralikrishna H	https://researcher.manipal.edu/en/persons/muralikrishna-h/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Acoustic signal processing, Speech signal processing, Deep learning, AI	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Naresh Mandal	https://www.scopus.com/authid/detail.uri?authorid=57205631972	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Glassy Carbon Electrode (GCE), Prostate-Specific Antigen (PSA), Free-to-Total PSA Ratio, Aptasensor, Electrochemical Impedance Spectroscopy (EIS), Nanohybrid Interfacing	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Navya Thirumaleshwar Hegde	https://www.scopus.com/authid/detail.uri?authorid=57205210957	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Women health, Wearable Device, Sensor Fusion, Intelligent Control	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nikita Goel	https://www.scopus.com/authid/detail.uri?authorid=57217480198	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Wireless communications, AI, Deep learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nikita Goel	https://www.scopus.com/authid/detail.uri?authorid=57217480198	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Communication, AI, Digital Twin.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Niraj Kumar Dewangan	https://www.scopus.com/authid/detail.uri?authorid=24504231700	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Reinforcement Learning; Model Predictive Control; Power Electronic Converters; Weighting Factor Optimization; Model-Free Control; Intelligent Control Systems	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Niraj Kumar Dewangan	https://www.scopus.com/authid/detail.uri?authorid=24504231700	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Deep learning; Fault diagnosis; Fault-tolerant control; Multilevel inverter; Renewable energy systems; Grid-connected inverter	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Niraj Kumar Dewangan	https://www.scopus.com/authid/detail.uri?authorid=24504231700	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Reconfigurable Intelligent Surface (RIS), MESSI-MIMI Antenna, Reconfigurable Antenna, 5G/6G, Beam Steering, MIMO, Mutual Coupling, High Directivity, Wireless Communication, Smart Antenna	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Om Prakash Kumar	https://researcher.manipal.edu/en/persons/om-prakash-kumar/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Electronics and Communication Engineering, Microwave Engineering, Communication Systems, RF Engineering, Metamaterials, metasurfaces, reconfigurable antennas, MIMO antennas, 5G/6G, millimetre waves, beam steering, electromagnetic bandgap structures	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pankaj Kumar	https://www.scopus.com/authid/detail.uri?authorid=58589778900	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Hybrid Renewable-Energy System; Remote Rural Electrification; Renewable-Energy Microgrid; Energy Storage; Techno-Economic Optimization; Demand-Side Management; Reliability Assessment; Energy Management System; Productive Use of Energy; Sustainability; Microgrid sizing, modelling and optimization; Techno-economic and life-cycle cost analysis; Reliability and environmental-impact assessment; Energy management and demand-side management.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pankaj Kumar	https://www.scopus.com/authid/detail.uri?authorid=58589778900	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Agrivoltaics; Solar Photovoltaic Energy; Smart Agriculture; IoT-Based Monitoring; Automated Irrigation; Precision Agriculture; Water-Energy-Food Nexus; Crop Productivity; Water-Use Efficiency; Land-Equivalent Ratio; Multi-Objective Optimization; Techno-Economic Analysis; Environmental Sustainability. Fundamentals of solar photovoltaic systems and power electronics Agrivoltaic system design and PV-array configuration Crop science, agricultural practices and crop-shading response Irrigation engineering and soil-moisture management Sensors, data acquisition and Internet of Things technologies Embedded systems and automated control Artificial Intelligence, machine learning and optimization techniques Energy and agricultural data analysis Techno-economic and environmental assessment MATLAB/Simulink, Python, HOMER Pro or equivalent modelling tools Basic understanding of climate-responsive design and the food-energy-water nexus	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pramod K	https://www.scopus.com/authid/detail.uri?authorid=57760573500#	Biomedical Engineering	Manipal Institute of Technology, Manipal	Wearable sensors; multi-modal sensing; signal processing; sensor fusion; artificial intelligence; machine learning; biosensing; stress monitoring; embedded systems; human-centred computing; low-power electronics; digital health	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Pramod Martha	https://www.scopus.com/authid/detail.uri?authorid=57191595427	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: MEMS, Computational Materials Physics and Biomedical Sensors Research Topic: Design and Simulation of Two-Dimensional Material-Based MEMS Piezoresistive Pressure Sensors for Biomedical Applications Keywords: MEMS pressure sensor, two-dimensional materials, piezoresistive sensing, multiphysics simulation, finite-element analysis, biomedical sensors Domain Knowledge Requirements: Solid-state physics, semiconductor physics, mechanics of materials, MEMS fundamentals, piezoresistive sensing, numerical methods, and finite-element simulation.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prashanth Barla	https://researcher.manipal.edu/en/persons/prashanth-barla/	Computer Science and Engineering	Manipal Institute of Technology, Manipal	VLSI design, Spintronics, Hybrid circuit design, Computation-In-Memory architecture, Low power circuit design, Beyond CMOS	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prateek Jain	https://researcher.manipal.edu/en/persons/prateek-jain/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Eligible Domains: Electrical / Electrical & Electronics / Electronics & Communication / Instrumentation & Control / Computer Science / Computer & Communication / Mathematics & Statistics; Desirable Competencies: Math & Basic Stats, Data Analysis, Programming Tools - Python / R / MATLAB, Mathematical & Logical Reasoning, Domain Knowledge, Written & Verbal Communication	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prateek Jain	https://researcher.manipal.edu/en/persons/prateek-jain/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Eligible Domains: Electrical / Electrical & Electronics / Electronics & Communication / Instrumentation & Control / Computer Science / Computer & Communication / Mathematics & Statistics. Desirable Competencies: Math & Basic Stats, Data Analysis, Programming Tools - Python / R / MATLAB, Mathematical & Logical Reasoning, Domain Knowledge, Written & Verbal Communication.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prateek Jain	https://researcher.manipal.edu/en/persons/prateek-jain/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Eligible Domains: Electrical / Electrical & Electronics / Electronics & Communication / Instrumentation & Control / Computer & Communication / Mathematics & Statistics. Desirable Competencies: Domain Knowledge, Math & Basic Stats, Data Analysis, Programming Tools - Python / R / MATLAB, Mathematical & Logical Reasoning, Written & Verbal Communication. Keywords: Power Electronics, Electric Vehicle Converters, Optimization, Machine Learning, Deep Learning, Intelligent Energy Systems, Artificial Intelligence.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Raghavendra Rao P	https://www.scopus.com/authid/detail.uri?authorid=59709680100	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Power Electronics and Renewable Energy Systems/ AI-Driven Performance Analysis of a Novel DC–DC Converter for PV Microinverters/DC–DC Converter; Photovoltaic (PV) Systems;Machine Learning: Artificial Intelligence/Power Electronics, AI/ML	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Raghavendra Rao P	https://www.scopus.com/authid/detail.uri?authorid=59709680100	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Renewable Energy Systems, Photovoltaic Systems and Artificial Intelligence	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ramakrishna K Kini	https://researcher.manipal.edu/en/persons/ramakrishna-k-kini/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Sensor Fault Detection Sensor Health Monitoring Fault Diagnosis Data-Driven Methods Artificial Intelligence Deep Learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Rituraj Bhattacharjee	https://www.scopus.com/authid/detail.uri?authorid=57212170486	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Research Area: Nonlinear Optics and Free-Space Optical Communication Research Topic: MATLAB-Based Modelling of Nonlinear Dispersion and Turbulence Compensation for Satellite Free-Space Optical Links Keywords: Nonlinear optics, free-space optical communication, satellite optical communication, optical phase conjugation, four-wave mixing, atmospheric turbulence, dispersion compensation, MATLAB modelling, nonlinear Schrödinger equation, ISRO space missions Domain Knowledge Requirements: Basic knowledge of optical communication, electromagnetic theory, signals and systems, engineering mathematics, differential equations and probability. Familiarity with MATLAB programming is desirable. Prior knowledge of nonlinear optics, atmospheric optical channels or satellite communication would be beneficial but is not mandatory.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sachin Sharma	https://www.scopus.com/authid/detail.uri?authorid=57209097691	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Electric vehicle, Battery management	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sachin Sharma	https://www.scopus.com/authid/detail.uri?authorid=57209097691	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Smart Grid, Renewable Energy sources	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sachin Sharma	https://www.scopus.com/authid/detail.uri?authorid=57209097691	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Smart Grid, cyber Security, Machine Learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Sandesh Bhaktha B	https://www.scopus.com/authid/detail.uri?authorid=57424383000	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Electric Vehicle Traction Motor Design and Optimization, Switched Reluctance Motor, Motor performance improvement, Electromagnetic FEA, Electric Vehicles	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Santhosh K V	https://researcher.manipal.edu/en/persons/santhosh-k-v/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	AI, Sensor, Automation, Cyber Physical System	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Saraswati Kulkarni	https://scholar.google.com/citations?user=N9BCr44AAAAJ&hl=en	Biomedical Engineering	Manipal Institute of Technology, Manipal	Nanomaterials, 2D material synthesis and characterization, gas-sensing mechanisms, adsorption kinetics, semiconductor devices, sensor fabrication, electrical characterization, gas-flow systems, data analytics and machine learning.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shailendra Kumar Tiwari	https://manipal.pure.elsevier.com/en/persons/shailendra-kumar-tiwari	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	VLSI Design, Computer Architecture, Embedded Systems and Digital System Design, RISC-V SoC Design, Hardware Accelerator Integration, Low-Power VLSI Architecture, SystemVerilog/UVM Verification and FPGA-Based Prototyping	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shailendra Kumar Tiwari	https://manipal.pure.elsevier.com/en/persons/shailendra-kumar-tiwari	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Wearable Biomedical Systems, Biomedical Instrumentation, Embedded AI, Biomedical Signal Processing and Healthcare IoT Research Topic: Multimodal Wearable Respiratory Monitoring, AI-Based Motion Artifact Rejection, Sensor Fusion and Edge/TinyML for Ambulatory Healthcare Keywords: Wearable Respiratory Monitoring; Multimodal Sensor Fusion; Motion Artifact Rejection; Edge AI/TinyML; Healthcare IoT	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shailesh K R	https://researcher.manipal.edu/en/persons/shailesh-k-r/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Sensor design, signal conditioning, embedded systems, machine learning and haptic interfaces.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shailesh K R	https://researcher.manipal.edu/en/persons/shailesh-k-r/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Digital twins, biomechanical modelling, motion planning, control systems and mechatronic prototyping.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shilpa Suresh	https://researcher.manipal.edu/en/persons/shilpa-suresh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Artificial intelligence, machine learning, deep learning, medical image processing, multimodal data fusion, explainable AI, pleural effusion, pericardial effusion, tuberculosis, lymphoma, computer-aided diagnosis	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shilpa Suresh	https://researcher.manipal.edu/en/persons/shilpa-suresh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Earth observation, GIS, Synthetic Aperture Radar, remote sensing, geospatial data fusion, explainable AI, multi-hazard risk, exposure mapping, vulnerability assessment, and disaster-resilience planning.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shivashankarayya Hiremath	https://researcher.manipal.edu/en/persons/shivashankarayya-hiremath/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	MEMS, Dielectric material, sensors and actuators, electronic material	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shounak De	https://researcher.manipal.edu/en/persons/shounak-de/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Machine Learning Classification; Memristor Gas Sensors ; 2D Nanomaterials ; Edge Computing for Environmental Monitoring; Gas Selectivity	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Shreeharsha K G	https://researcher.manipal.edu/en/persons/shreeharsha-k-g/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Analog IC design, optimization methods, design automation, multi-objective optimization, parameter exploration, variability-aware design.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreeharsha K G	https://researcher.manipal.edu/en/persons/shreeharsha-k-g/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Mixed-signal systems, design trade-offs, power optimization, area minimization, performance modelling, multi-parameter optimization.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shreeharsha K G	https://researcher.manipal.edu/en/persons/shreeharsha-k-g/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Low-power design, robustness optimization, PVT-aware analysis, scalable methodologies, analog/mixed-signal systems, design automation.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Siddaraj	https://researcher.manipal.edu/en/persons/siddaraj-u/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Electric Vehicle Charging Infrastructure, Microgrid Systems, Renewable Energy Integration, Battery Energy Storage System, Machine Learning in Smart Grids	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Siddaraj	https://researcher.manipal.edu/en/persons/siddaraj-u/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	AI-enabled microgrids; microgrid control; microgrid stability; grid-connected operation; islanded operation; seamless mode transition; artificial intelligence; machine learning; predictive control; adaptive control; voltage and frequency regulation;	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Subash Acharya	https://researcher.manipal.edu/en/persons/subash-acharva/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Prosthetic Knee, Gait Analysis, Smart dampers, Control System	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Subraya Krishna Bhat	https://researcher.manipal.edu/en/persons/subraya-krishna-bhat/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic Calculus/Mathematics, Basic Physics, Differential Equations and Numerical Methods	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sudheesh P G	https://researcher.manipal.edu/en/persons/sudheesh-p-g/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	6G communication, AI/ML/RL, python coding	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sudheesh P G	https://researcher.manipal.edu/en/persons/sudheesh-p-g/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	VLSI, Low power	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sunil Rathore	https://researcher.manipal.edu/en/persons/sunil-rathore/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Next generation transistors, Reliability, Advanced Semiconductor Devices, Low-Power Integrated Circuit Design	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Supreetha B S	https://researcher.manipal.edu/en/persons/supreetha-b-s/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Phytochemicals ,Bioactivity/ADMET ,Prediction,Machine Learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Supreetha B S	https://researcher.manipal.edu/en/persons/supreetha-b-s/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Soil Moisture Dynamics , Precision Irrigation , Physics Informed Neural Network	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Supreetha B S	https://researcher.manipal.edu/en/persons/supreetha-b-s/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Explainable AI, Credit Scoring systems, financial regulation, fidelity	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Surekha Kamath	https://www.scopus.com/authid/detail.uri?authorid=35069898800	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Signal processing and Computer vision Biomedical Signal processing Heart Rate, Remote Photoplethysmography, Fast Fourier Transform, Peak Detection. Knowledge of C C++ and MATLAB	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Surekha Kamath	https://www.scopus.com/authid/detail.uri?authorid=35069898800	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Objectives 1. To develop a multimodal preprocessing framework for wearable physiological signals. 2. To design and compare machine-learning and deep-learning models for stress or physiological-state classification. 3. To evaluate feature-level and decision-level sensor-fusion strategies. 4. To improve model interpretability and generalisability using explainable AI and subject-independent validation. Brief Methodology Wearable Healthcare; Physiological Signals; Stress Recognition; Multimodal Sensor Fusion; Explainable Artificial Intelligence; Biomedical Signal Processing; Deep Learning; Personalised Health Monitoring. Knowledge of C, C++ and MATLAB	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Surekha Kamath	https://www.scopus.com/authid/detail.uri?authorid=35069898800	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Main objectives of our study is to The specific goals of the study are (i) prediction and mapping of the spatial distribution of soil pH and EC using five ML models; (ii) validation and evaluation of the performance metrics of all the five regression models; (iii) determination of the best performing model and to explore the relationship between spectral indices, pH and EC for the study area considered. Keywords: Soil properties · Remote sensing · Google earth engine · Machine learning algorithms Domain knowledge: About C, C++ and MATLAB, Python and ML algorithms.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Susan G Varghese	https://researcher.manipal.edu/en/persons/susan-g-varghese/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Electric Vehicle, Battery Management System, Internet of Things, Embedded System, Edge AI, State of Charge, State of Health, Fault Diagnosis, Energy Management.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Susan G Varghese	https://researcher.manipal.edu/en/persons/susan-g-varghese/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	v2X communication, machine learning, electric vehicle, MAC layer and physical layer	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Susan G Varghese	https://researcher.manipal.edu/en/persons/susan-g-varghese/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	VLSI testing, Built in self test , BISR, Integrated circuits, fault coverage, AI driven	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Swathi Tangi	https://www.scopus.com/authid/detail.uri?authorid=57191738090	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	EV Charging Infrastructure, Renewable Energy Integration, Energy Storage, Intelligent Energy Management, Adaptive Charging	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Swathi Tangi	https://www.scopus.com/authid/detail.uri?authorid=57191738090	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Renewable Energy Integration, Intelligent Energy Management, Computational Workload Scheduling, Grid-Interactive Data Centres, Artificial Intelligence	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Swathi Tangi	https://www.scopus.com/authid/detail.uri?authorid=57191738090	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Renewable Energy Systems; Life-Cycle Management; Intelligent Energy Management; Uncertainty Modelling; Adaptive Planning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Swati Varun Yadav	https://www.scopus.com/authid/detail.uri?authorid=57605006900	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	5G, 6G, Beyond 6G, mmWave Antenna, Sub-THz Antenna, Wideband Antenna, High-Gain Antenna, Metasurface, Massive MIMO, Beamforming, Reconfigurable Antenna, Wireless Communication	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Tanweer .	https://researcher.manipal.edu/en/persons/tanweer-ai/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	AI	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Tanweer .	https://researcher.manipal.edu/en/persons/tanweer-ai/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	NLP, AI	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Thirunavukkarasu I	https://www.scopus.com/authid/detail.uri?authorid=25928064400	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Machine Learning, Embedded Control, VLSI	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Thirunavukkarasu I	https://www.scopus.com/authid/detail.uri?authorid=25928064400	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	FPGA, Machine Learning, Digital Twin	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Umesh Kumar Sahu	https://researcher.manipal.edu/en/persons/umesh-kumar-sahu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	MATLAB, Image Processing, Computer vision, Robot Operating System (ROS), Basics Control of Autonomous Robots, Mathematical Modelling	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vijay Babu Koreboina	https://www.scopus.com/authid/detail.uri?authorid=37057728500	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Electric Vehicles (EV), Artificial Intelligence (AI), Regenerative Braking, Switched Reluctance Machine (SRM), Torque Control.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vijay Babu Koreboina	https://www.scopus.com/authid/detail.uri?authorid=37057728500	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Electric Vehicles (EV), Converters, Power Electronics, Switched Reluctance Machine (SRM), Synchronous Reluctance Machine (SynRM).	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Vinay Kumar Jadoun	https://researcher.manipal.edu/en/persons/vinay-kumar-jadoun/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Research Area: Smart grids, power systems, microgrids, virtual power plants (VPPs), cybersecurity of cyber-physical energy systems, electricity markets, distributed energy resource management, and AI-driven optimization. Research Topic: Development of a cyber-resilient multi-agent framework for secure energy management, resource coordination, and electricity market participation of networked microgrids and VPPs under operational uncertainties and cyber threats. Key areas include resilience against false-data injection and denial-of-service attacks, distributed optimization, peer-to-peer energy trading, demand response, renewable forecasting, energy storage, electric vehicles, ancillary services, and transactive energy. Domain Knowledge: power system operation and control, microgrid modelling, VPPs, integration, electricity markets, forecasting, optimization, AI/ML, cybersecurity, communication networks, stochastic processes, MATLAB/Simulink, Python, OpenDSS, PowerFactory, & simulation.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vinay Kumar Jadoun	https://researcher.manipal.edu/en/persons/vinay-kumar-jadoun/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Research Area: Electric vehicles; battery-management systems; artificial intelligence; energy storage; battery diagnostics and prognostics. Research Topic: Development of an accurate, adaptive and explainable AI framework for real-time estimation of EV battery state of charge and state of health under varying temperature, loading, ageing and driving conditions. Keywords: Electric vehicle; lithium-ion battery; state of charge; state of health; battery-management system; machine learning; deep learning; LSTM; transformer; physics-informed AI; transfer learning; remaining useful life. Domain Knowledge Requirements: EV and battery technology; electrochemical and equivalent-circuit modelling; battery ageing; battery-management systems; signal processing; probability and statistics; machine learning and deep learning; optimization; MATLAB/Simulink and Python; TensorFlow or PyTorch; embedded systems; experimental testing and hardware-in-the-loop simulation.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vinay Kumar Jadoun	https://researcher.manipal.edu/en/persons/vinay-kumar-jadoun/	Electrical and Electronics Engineering	Manipal Institute of Technology, Manipal	Research Area: Smart grids; microgrids; electric vehicles; renewable energy; battery storage; energy management; optimization. Research Topic: Development of an uncertainty-aware optimization framework for coordinating EV charging/V2G, renewable generation and stationary storage in a microgrid while satisfying network, mobility, battery and economic constraints. Keywords: EV; V2G; microgrid; smart charging; renewable energy; battery storage; energy management; stochastic optimization; demand response; battery degradation; grid flexibility. Domain Knowledge Requirements: Power-system operation; microgrid modelling; EV and battery models; renewable forecasting; optimization; probability and uncertainty; demand response; electricity tariffs; MATLAB/Simulink, Python, OpenDSS or DigSILENT; real-time simulation.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vinod Kumar Joshi	https://www.scopus.com/authid/detail.uri?authorid=56045181300	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	VLSI, Circuit Simulation, CMOS technology, EDA Tools, low power VLSI Design	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vinod Kumar Joshi	https://www.scopus.com/authid/detail.uri?authorid=56045181300	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	VLSI, Circuit Simulation, CMOS Technology, Low-Power VLSI, Neuromorphic Computing, Artificial Neuron, Artificial Synapse.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vinoth R	https://www.scopus.com/authid/detail.uri?authorid=57205532779	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Cancer Treatment, Biomedical Instrumentation, Brachytherapy, CAD, 3D Printing	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vinoth R	https://www.scopus.com/authid/detail.uri?authorid=57205532779	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Biomechanical Functions, Image processing, MIMICS, Finite Element Modelling, 3D Printing	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vinoth R	https://www.scopus.com/authid/detail.uri?authorid=57205532779	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Kidney, Dialysis, Arteriovenous Fistula, Computational Fluid Dynamics (CFD), Blood Flow.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Naveen Gehlot	https://researcher.manipal.edu/en/persons/naveen-gehlot/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Spiking Neural Networks (SNNs); Bio-Inspired Artificial Neural Network; Human-Robot Interaction; Wearable Computing; Energy-Efficient AI; Deep Learning; Signal Processing; Python.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Naveen Gehlot	https://researcher.manipal.edu/en/persons/naveen-gehlot/	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Multimodal Biomedical Signal Processing: sEMG; EEG; Biosignal Fusion; Artificial Intelligence; Deep Learning; Explainable AI; Human-Machine Interaction; Wearable Systems; Assistive Robotics; Personalized AI; Feature-Level and Decision-Level Fusion; Signal Processing; Machine Learning.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Suhas M V	https://www.scopus.com/authid/detail.uri?authorid=57193575351	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area : Artificial Intelligence and Machine Learning Computational Neuroscience and Neuroimaging Multimodal AI Biomedical Signal Processing Research Topic: Foundation models for neurophysiological signals Self-supervised learning for MEG/EEG Dynamic and temporal brain connectivity modeling Graph-based and multimodal learning for neuroimaging AI-driven neurological disorder characterization Explainable and trustworthy AI for neurohealth Personalized brain biomarkers and clinical decision support Keywords: NeuroAI, Brain Connectivity, Foundation Models, Multimodal Learning Domain Knowledge Requirements Basic knowledge of Artificial Intelligence and Machine Learning Programming skills in Python Basic knowledge of data analysis and statistics Understanding of signal processing is desirable Interest in brain science, neuroimaging and healthcare applications Knowledge of deep learning or graph-based methods will be an advantage	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Suhas M V	https://www.scopus.com/authid/detail.uri?authorid=57193575351	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Research Area: Artificial Intelligence, Machine Learning, Medical Image Analysis, Neuroimaging and Healthcare Research Topics: Early detection of Alzheimer's disease using MRI and PET images Prediction of progression from mild cognitive impairment to Alzheimer's disease Longitudinal analysis of neuroimaging data Structural, texture, radiomic, and deep-feature extraction Feature selection and predictive model development Cross-dataset validation using ADNI and OASIS Explainable and reliable AI for medical imaging Keywords: Alzheimer's disease, mild cognitive impairment, MRI, PET, medical image analysis, feature engineering, machine learning, deep learning, longitudinal modelling, explainable AI Domain Knowledge Requirements: Basic knowledge of digital image processing Fundamental understanding of machine learning Programming skills in Python or MATLAB Interest in medical imaging, neuroimaging,	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Umesh Kumar Yadav	https://www.scopus.com/authid/detail.uri?authorid=57763291000	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	System Identification; Data-Driven Modelling; Approximation of Dynamical Systems; Intelligent and Advanced Control; Multi-Objective Optimization; Artificial Intelligence and Machine Learning; Robotics and Autonomous Systems; Electric and Hybrid Vehicle Technology; Electric Drives Control; Energy-Management Systems; Fault Diagnosis and Predictive Maintenance; Cyber-Physical Systems.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Avishek Chakraborty	https://www.scopus.com/authid/detail.uri?authorid=57218246841	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research area: Antenna arrays, Quantum-inspired algorithms, Wireless Communication, Radar, 5G-B5G-6G; Domain Knowledge Requirement: Basic Programming Skills and Basic Understanding of antenna and Wireless Communication.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Avishek Chakraborty	https://www.scopus.com/authid/detail.uri?authorid=57218246841	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research area: Phased array antenna, Machine Learning algorithms, Time-Modulated arrays, Beam Scanning, Radar; Domain Knowledge Requirement: Basic Programming Skills and Basic Understanding of antenna and radar.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Avishek Chakraborty	https://www.scopus.com/authid/detail.uri?authorid=57218246841	School of Electrical Engineering	Manipal Institute of Technology, Manipal	Research area: Stealth antenna arrays, Stealth-Compatible Radar, Multidisciplinary Optimization, Soft Computing; Domain Knowledge Requirement: Basic Understanding of antenna and radar.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Valasa Sresta	https://www.scopus.com/authid/detail.uri?authorid=57222544001	Electronics & Communication	Manipal Institute of Technology, Bengaluru	2D Materials; TMD FETs; Nanoelectronics; Device Modeling; Reliability; Emerging Device Technologies	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Valasa Sresta	https://www.scopus.com/authid/detail.uri?authorid=57222544001	Electronics & Communication	Manipal Institute of Technology, Bengaluru	CFET; Forksheet FET; Advanced CMOS; Device Modeling; Reliability; Semiconductor Device Engineering	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Valasa Sresta	https://www.scopus.com/authid/detail.uri?authorid=57222544001	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Neuromorphic Computing; Spiking Neural Networks; LIF Neurons; Energy-Efficient VLSI; Emerging Devices; Brain-Inspired Computing	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jayalaxmi Rajesh Hanni	https://researcher.manipal.edu/en/persons/jayalaxmi-rajesh-hanni/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	capacitive level sensor, novel electrode design, electrode optimization, electric-field shaping, multisensor data fusion, industrial instrumentation, intelligent sensing, environmental compensation, fault diagnosis, machine learning.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayalaxmi Rajesh Hanni	https://researcher.manipal.edu/en/persons/jayalaxmi-rajesh-hanni/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	energy harvesting, self-powered sensors, defence surveillance, security monitoring, unattended ground sensors, hybrid energy harvesting, low power wireless sensor networks, edge intelligence, secure communication, condition monitoring	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. R Sowmya	https://researcher.manipal.edu/en/persons/sowmya-r-2/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Electric vehicles, Artificial Intelligence, Machine Learning, predictive energy management, charging coordination, renewable energy, distributed generation, smart grid, energy storage, Vehicle-to-Grid, bidirectional power flow, and optimization.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. R Sowmya	https://researcher.manipal.edu/en/persons/sowmya-r-2/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Multiport converter, hybrid electric vehicle, solar PV, fuel cell, battery, supercapacitor, AI/ML, intelligent power-assist control, power sharing, energy management, regenerative braking, and advanced power electronics.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. R Sowmya	https://researcher.manipal.edu/en/persons/sowmya-r-2/	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Electric vehicle fleet, charging-station management, smart charging infrastructure, Internet of Things, Artificial Intelligence, Machine Learning, fleet scheduling, queue management, resource allocation, charging coordination, and energy management.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumya Sundar Pattanayak	https://www.scopus.com/authid/detail.uri?authorid=57208478307	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Antenna & Microwave	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumya Sundar Pattanayak	https://www.scopus.com/authid/detail.uri?authorid=57208478307	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Antenna & Microwave	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Soumya Sundar Pattanayak	https://www.scopus.com/authid/detail.uri?authorid=57208478307	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Microwave and Antenna	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. V Sravani	https://www.scopus.com/authid/detail.uri?authorid=57132906500	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Vehicular Wireless Sensor Networks (VWSN), Vehicle-to-Vehicle (V2V) Communication, Energy-Efficient Routing Sensor Data Fusion, Network Security, Machine learning	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. V Sravani	https://www.scopus.com/authid/detail.uri?authorid=57132906500	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Autonomous vehicles, Sensor fusion, Artificial Intelligence, Fault-tolerant systems, Soft sensors	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nisha Prasad	https://www.scopus.com/authid/detail.uri?authorid=57209316497	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Power Transformer, Predictive Maintenance, Digital Twin, Condition Monitoring, Dissolved Gas Analysis, Fault Diagnosis, Remaining Useful Life, Health Index, Explainable AI, Asset Management	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nisha Prasad	https://www.scopus.com/authid/detail.uri?authorid=57209316497	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Distribution Network, Fault Detection, Fault Classification, Fault Location, High-Impedance Fault, Power System Protection, Power Quality, Deep Learning, Explainable AI, Self-Healing Grid	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nisha Prasad	https://www.scopus.com/authid/detail.uri?authorid=57209316497	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Microgrid, Energy Management System, Load Forecasting, Solar Power Forecasting, Renewable Energy Integration, Battery Energy Storage, Electric Vehicles, Demand-Side Management, Optimization, Smart Grid	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Mahipal Bukya	https://www.scopus.com/authid/detail.uri?authorid=57213003194	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Electrical Engineering, Energy, E mobility, AI ML	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Mahipal Bukya	https://www.scopus.com/authid/detail.uri?authorid=57213003194	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Energy, Modelling, Optimization, AI, ML	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Mahipal Bukya	https://www.scopus.com/authid/detail.uri?authorid=57213003194	Electrical and Electronics Engineering	Manipal Institute of Technology, Bengaluru	Renewable Energy, Machine Learning, Optimization	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ashish Sharma	https://scholar.google.com/citations?user=2TF8E4MAAAAJ&hl=en&oi=sra	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision, Digital Image Processing, Optimization Techniques	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashish Sharma	https://scholar.google.com/citations?user=2TF8E4MAAAAJ&hl=en&oi=sra	Electronics & Communication	Manipal Institute of Technology, Bengaluru	Wireless Sensor Networks (WSNs), Distributed Data Clustering, Machine Learning, Metaheuristic Optimization, Multi-Objective Optimization, Energy-Efficient Clustering, Cluster Formation, K-Means Clustering, Density-Based Clustering, Internet of Things (IoT), Sensor Data Analytics, Nature-Inspired Optimization.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraj Kamath H	https://www.scopus.com/authid/detail.uri?authorid=57195278546	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Manipal	IoT / Water Quality Management / TQM, Sensors, Policy/ Electronic Engineering and Management	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ribu Mathew	https://researcher.manipal.edu/en/persons/ribu-mathew/	School of Information Science	Manipal School of Information Sciences, Manipal	2D Heterostructure, Biosensor, Device-to-Circuit Simulation, TCAD, Compact Modeling, CMOS, Machine Learning, Integrated Sensing Systems.	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ribu Mathew	https://researcher.manipal.edu/en/persons/ribu-mathew/	School of Information Science	Manipal School of Information Sciences, Manipal	VLSI, AI, ML, IC Package technology	Technology and Science	ENGG: ELECTRICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ananda Hegde	https://www.scopus.com/authid/detail.uri?authorid=57202323368	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Materials Engineering	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Ankur Jaiswal	https://researcher.manipal.edu/en/persons/ankur-jaiswal/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basic knowledge of materials, Mechanical Testing's, SEM, XRD	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Anupama Rajendra Hiremath	https://researcher.manipal.edu/en/persons/anupama-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Advanced materials and lightweight structural engineering, with emphasis on developing high-performance core materials for aerospace and automotive sandwich structures.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunachala U Chandavar	https://researcher.manipal.edu/en/persons/arunachala-u-chandavar/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Two-phase natural circulation, Passive electronic cooling, Boiling heat transfer, Thermal performance, High heat flux cooling.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunachala U Chandavar	https://researcher.manipal.edu/en/persons/arunachala-u-chandavar/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Nanobubble technology, Membrane fouling, Gas sparging.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunachala U Chandavar	https://researcher.manipal.edu/en/persons/arunachala-u-chandavar/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Two-phase natural circulation; Dynamic instability, Type-I and Type-II instability, Stabilizing techniques, Orificing, Linear stability analysis, nonlinear stability analysis.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Arunkumar H S	https://researcher.manipal.edu/en/persons/arunkumar-h-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Solar Air Heater Performance Enhancement Using Bio-Inspired Geometries: Design, CFD Optimization and Experimental Validation	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashish Agrawal	https://researcher.manipal.edu/en/persons/ashish-agrawal/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Hybrid nanofluids; Computational fluid dynamics (CFD); Deep learning / Machine learning models; Thermal energy management; Surrogate modeling / Physics-informed modeling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashwin Kumar Devaraj	https://researcher.manipal.edu/en/persons/ashwin-kumar-devaraj/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Buckling, Free vibration, Stiffened Composite panels, Finite element analysis	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ashwin Kumar Devaraj	https://researcher.manipal.edu/en/persons/ashwin-kumar-devaraj/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Impact analysis, Honeycomb Sandwich Structures , Finite element analysis	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Bhagya R Navada	https://manipal.pure.elsevier.com/en/persons/bhagya-r-navada	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Artificial Intelligence (AI), Exoskeleton Systems, Human Motion Intention Recognition, Multisensor Data Fusion, assistive technology	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Chethan K N	https://www.scopus.com/authid/detail.uri?authorid=57190621120	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Familiarity with ANSYS and CATIA is desirable.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Dayananda K Pai	https://researcher.manipal.edu/en/persons/dayananda-k-pai/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Fiber-Reinforced Epoxy Composites Nano-Silica Fillers Dielectric Properties Low-Velocity Impact Behavior Erosion Resistance Multifunctional Composite Materials	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Dayananda K Pai	https://researcher.manipal.edu/en/persons/dayananda-k-pai/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	AI-Driven Polymer Composites Additive Manufacturing Multifunctional Composite Materials Machine Learning-Based Process Optimization Smart Sensing and Structural Health Monitoring Industry 4.0 Manufacturing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Deepak D	https://researcher.manipal.edu/en/persons/deepak-d/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Work-Integrated Learning (WIL) Artificial Intelligence (AI) AI-Enabled Workplace Graduate Capability Future Skills Graduate Employability Management Education	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Dinesha P	https://researcher.manipal.edu/en/persons/dinesha-p/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Renewable Energy; Biomass; Activated Carbon; Climate Action; Sustainability	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Dinesha P	https://researcher.manipal.edu/en/persons/dinesha-p/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Renewable Energy; Biomass; Activated Carbon; Climate Action; Sustainability	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. G Divya Deepak	https://www.scopus.com/authid/detail.uri?authorid=57192384523	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Physics,Battery Technology,Mechanical Engineering, AI, ML	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Gurumurthy B M	https://www.scopus.com/authid/detail.uri?authorid=56989656700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Sisal Fiber, Eggshell Powder, Hybrid Composite, Natural Fiber Composite, Polymer Matrix	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Guruprasad T Shetty	https://researcher.manipal.edu/en/persons/guruprasad-t-shetty/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Finite element analysis (FEA), Mechanical Testing, CFRP Composites, Compressive failure, Fibre orientation	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Guruprasad T Shetty	https://researcher.manipal.edu/en/persons/guruprasad-t-shetty/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Dynamic Mechanical Analysis (DMA) , Viscoelasticity, Amorphous polymers, Finite element analysis (FEA), Testing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Harishkumar Kamat	https://www.scopus.com/authid/detail.uri?authorid=57190964271	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Applied Mathematics, Computational Mechanics and Fluid Film Bearing Analysis Research Topic: Mathematical Modelling and Performance Prediction of an Externally Adjustable Fluid Film Bearing under Shaft Misalignment and Offset Loading Keywords: Externally adjustable fluid film bearing, shaft misalignment, offset loading, asymmetric loading, modified film-thickness equation, Reynolds equation Domain Knowledge Requirements: The candidate should have knowledge of differential equations, numerical methods, linear algebra, nonlinear equation solving, mathematical modeling, sensitivity analysis, and optimization.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ishwar Bhiradi	https://researcher.manipal.edu/en/persons/ishwar-bhiradi/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Physics-informed AI for fatigue-damage prediction, Remaining useful life estimation of structural components, Fatigue crack-growth modelling, Data-driven structural integrity assessment, Condition-based maintenance	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Jamaluddin Hindi	https://researcher.manipal.edu/en/persons/jamaluddin-hindi/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area- Polymer Composites and Additive Manufacturing Keywords Polylactic acid (PLA); polymer-matrix composites; biodegradable composites; natural-fibre-reinforced composites; hybrid composites; fused filament fabrication (FFF); fused deposition modelling (FDM); additive manufacturing; composite filaments; process-parameter optimization; mechanical properties; thermal properties; interfacial bonding; microstructural characterization; sustainability Domain Knowledge Requirements-Polymer science and engineering; composite materials; biodegradable polymers; natural-fibre surface modification; melt compounding and filament extrusion; FFF/FDM 3D-printing processes; design of experiments and optimization; mechanical and thermal testing; rheology; microscopy and fracture analysis; FTIR, DSC, TGA and XRD characterization; statistical data analysis; finite-element modelling; sustainability and life-cycle assessment	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayashish Kumar Pandey	https://researcher.manipal.edu/en/persons/jayashish-kumar-pandey/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Piston-free linear generator Ethanol-hydrogen combustion Linear vibration energy conversion Hydrogen-enriched biofuel Automotive range extender Low-carbon power generation	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayashish Kumar Pandey	https://researcher.manipal.edu/en/persons/jayashish-kumar-pandey/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Bio-butanol Diethyl ether Heavy-duty CI engine Combustion analysis Engine vibration Injection strategies	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayashish Kumar Pandey	https://researcher.manipal.edu/en/persons/jayashish-kumar-pandey/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Vehicle-body aerodynamics Ethanol-fuelled DISI engine Energy consumption Computational fluid dynamics Passenger cars Multi-objective optimization	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayashree P K	https://www.scopus.com/authid/detail.uri?authorid=57196218647	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Welding , SEM, XRD	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jeane Marina D'Souza	https://www.scopus.com/authid/detail.uri?authorid=58723332900	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Soft Exoskeletons, Sensor Fusion, Artificial Intelligence, Compliant Actuation, Gait Rehabilitation, Intent Prediction, Wearable Robotics.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jitendra Kumar Katiyar	https://www.scopus.com/authid/detail.uri?authorid=57150631600	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Natural-fibre composites; vitrimer; sustainable materials; bio-based polymers; dynamic covalent networks; mechanical properties; tribology; friction and wear; environmental ageing; moisture absorption; self-healing; reprocessing; recyclability; circular economy.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jitendra Kumar Katiyar	https://www.scopus.com/authid/detail.uri?authorid=57150631600	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Additive manufacturing, Residual Stresses, Tribology, Materials Characterization	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jitendra Kumar Katiyar	https://www.scopus.com/authid/detail.uri?authorid=57150631600	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Sustainable manufacturing, industrial air-pollution control, machining processes, occupational health, energy efficiency, and carbon-emission assessment.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Karthik Rao M C	https://researcher.manipal.edu/en/persons/karthik-rao-m-c/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Cryogenic machining, LN2, Prediction using AI	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Laxmikant G Keni	https://researcher.manipal.edu/en/persons/laxmikant-g-keni/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Research Area: Computational Fluid Dynamics and Fluid-Structure Interaction Research Topic: Computational and Experimental Multi-Objective Optimisation of Ureteral-Stent Geometry for Improved Urinary Drainage, Reflux Control, and Mechanical Compatibility Keywords: Ureteral stent, Computational fluid dynamics, Fluid-structure interaction, Stent-ureter interaction Domain Knowledge Requirements: Anatomy and physiology of the kidney, ureter, bladder, and ureterovesical junction, Types, geometry, materials, placement, and clinical complications of ureteral stents, Mechanisms associated with stent migration, irritation, flow stagnation, biofilm formation, and encrustation.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Laxmikant G Keni	https://researcher.manipal.edu/en/persons/laxmikant-g-keni/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Research Area: Urological Biomechanics; Medical Image-Based Modelling; Finite-Element and Fluid-Structure Interaction Analysis Research Topic: Image-Based Patient-Specific Computational and Experimental Modelling of Stone-Ureter Interaction for Biomechanical Injury-Risk Assessment Keywords: Ureteral calculi, Stone-ureter interaction, Medical image segmentation, Patient-specific modelling, Ureteral obstruction Domain Knowledge Requirements: Anatomy and physiology of the ureter, kidney, and ureterovesical junction, Fluid mechanics and fluid-structure interaction, Experimental biomechanics and tissue testing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Laxmikant G Keni	https://researcher.manipal.edu/en/persons/laxmikant-g-keni/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Reserach Area: Fluid-Structure Interaction, Computational Biomechanics Research Topic: Coupled Biomechanical Modelling and Experimental Validation of Active Ureteral Peristalsis and Urinary Transport Keywords: Ureteral peristalsis, Urinary transport, Fluid-structure interaction, Peristaltic pressure wave Domain Knowledge Requirements: Physiological regulation and coordination of ureteral peristalsis, Fluid-structure interaction	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Madhwesh N	https://www.scopus.com/authid/detail.uri?authorid=54383601700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basics of Heat Transfer	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Mohammad Zuber	https://researcher.manipal.edu/en/persons/mohammad-zuber/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Solar Concentrator, Natural Convection, Solar Evaporation, Modeling, Portable Water Purification	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Mohammad Zuber	https://researcher.manipal.edu/en/persons/mohammad-zuber/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	CFD, FSI, High-Speed Flow, Nasal Airflow, Sneezing, Flexible Nozzle, Adaptive Nozzle, Rocket Propulsion, Transient Flow, Biomimetic Design	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Muralishwara K	https://www.scopus.com/authid/detail.uri?authorid=57209683049	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Polylactic acid (PLA); FDM 3D printing; Additive manufacturing; Polymer composites; Fillers; Mechanical properties; Printability; Process optimization; Interlayer bonding; Design of Experiments (DoE).	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Murthy B R N	https://researcher.manipal.edu/en/persons/murthy-b-r-n/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Keywords: PLA; graphene nanoplatelets; silicon carbide; fused deposition modelling; polymer nanocomposites; explainable artificial intelligence; SHAP; multi-objective optimization; tribology; thermal properties.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Murthy B R N	https://researcher.manipal.edu/en/persons/murthy-b-r-n/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Keywords: basalt fiber; banana fiber; epoxy; hybrid composite; response surface methodology; Box-Behnken design; desirability function; mechanical characterization; water absorption; sustainable materials	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nagaraja Shetty	https://manipal.pure.elsevier.com/en/persons/nagaraja-shetty	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Micromachining of Nano material reinforced composites/Micromachining, Composites, Digital twin, Aluminium/Composites, Machine tools and Machining, Nanotechnology, Data Acquisition Systems	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Narendra Khatri	https://researcher.manipal.edu/en/persons/narendra-khatri/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Basic knowledge of robotics and industrial processes	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Navya Thirumaleshwar Hegde	https://www.scopus.com/authid/detail.uri?authorid=57205210957	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	UAV, DRONES, AVIONICS, AERONAUTICAL, FLIGHT CONTROL SYSTEM	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nitish Kumar	https://www.scopus.com/authid/detail.uri?authorid=57200896432	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Auxetics, metamaterials, biomedical devices, additive manufacturing, Robotic applications, tissue engineering, computational modelling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pavan Hiremath	https://researcher.manipal.edu/en/persons/pavan-hiremath/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Basic undergraduate-level knowledge of engineering materials, manufacturing processes, mechanics, and data interpretation is sufficient. Prior knowledge of machine learning, nanotechnology, or advanced composite fabrication is not essential. Necessary experimental and computational skills can be developed during the research.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Prajwal Shenoy T	https://researcher.manipal.edu/en/persons/prajwal-shenoy-t/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Wearable biomedical instrumentation, embedded systems, human movement analysis, rehabilitation engineering, and human-robot interaction.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ramakrishna Vikas Sadanand	https://researcher.manipal.edu/en/persons/ramakrishna-vikas-sadanand/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Powder Bed Fusion (PBF), Metal Additive Manufacturing, Scan Speed Effects, Layer Thickness Control, Microstructure Analysis, Mechanical Properties	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ramakrishna Vikas Sadanand	https://researcher.manipal.edu/en/persons/ramakrishna-vikas-sadanand/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Aluminium matrix composites, Ceramic reinforcements, Severe plastic deformation, Surface coating, Mechanical and surface properties	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ranjan Kumar Ghadai	https://researcher.manipal.edu/en/persons/ranjan-kumar-ghadai/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Thin-Film Coatings; Artificial Intelligence and Machine Learning Research Topic: Machine learning-driven prediction, design, optimization, and performance enhancement of advanced thin-film coatings and their deposition processes. Keywords: Thin-film coatings; Surface engineering; Machine learning; Artificial Intelligence Domain Knowledge Requirements (Desirable): Thin-film deposition and coating technologies Surface engineering and characterization Machine learning and data analytics Optimization techniques and computational modelling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Ranjan Kumar Ghadai	https://researcher.manipal.edu/en/persons/ranjan-kumar-ghadai/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Materials Science and Engineering; Artificial Intelligence and Machine Learning Research Topic: Data-driven design, prediction, optimization, and performance enhancement of high-entropy alloys and advanced multi-component metallic materials. Keywords: High-entropy alloys; Multi-principal element alloys; Advanced alloys; Materials discovery; Multi-objective optimization Domain Knowledge Requirements (Desirable): Materials science and metallurgy Alloy design and processing Machine learning and data analytics Basic programming using Python	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Ranjan Kumar Ghadai	https://researcher.manipal.edu/en/persons/ranjan-kumar-ghadai/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Research Area: Advanced Manufacturing; Artificial Intelligence and Machine Learning Research Topic: Data-driven modelling, prediction, optimization, and intelligent decision-making for advanced and sustainable manufacturing processes. Keywords: Advanced manufacturing; Machine learning; Predictive modelling; Process optimization; Sustainable manufacturing Domain Knowledge Requirements (Desirable): Manufacturing processes and systems Machine learning and data analytics Process modelling and optimization Design of experiments and statistical analysis	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sandesh Bhaktha B	https://www.scopus.com/authid/detail.uri?authorid=57424383000	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Noise and vibration of Electric Vehicle Traction Motor, Noise and Vibration, Multiphysics simulations, Torque Ripple Reduction, EV Powertrain Drives, Electric Vehicles	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Santhosh K	https://www.scopus.com/authid/detail.uri?authorid=57209454625	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Materials Science/Development of Triple-Phase Microstructure in Medium-Carbon/Hypoeutectoid Steel/ Hypoeutectoid steel, Medium-carbon steel, Austempering,	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Santhosh K	https://www.scopus.com/authid/detail.uri?authorid=57209454625	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Materials Science and Engineering/Development and Optimization of High-Temperature Self-Lubricating Thermal Spray Coatings for Improved Thermal and Tribological Performance of Defence Components/Thermal spray coating, Self-lubricating coating, High-temperature tribology, Defence applications, Gun barrel/ Materials Science and Engineering, Mechanical and Tribological Testing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Santhosh K	https://www.scopus.com/authid/detail.uri?authorid=57209454625	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Sustainable Energy and Environmental Engineering/Life Cycle Assessment and Comparative Environmental Sustainability Assessment of Alcohol-Based Fuels and Hydrogen for Transportation Applications/Life Cycle Assessment (LCA), Hydrogen, Ethanol, Methanol, Alternative fuels, Biofuels	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sathish Rao U	https://www.scopus.com/authid/detail.uri?authorid=57003409700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Composite materials fabrication and characterisation, design of experiments	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sathish Rao U	https://www.scopus.com/authid/detail.uri?authorid=57003409700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	polymer composites, hybrid nanoparticles, machining performance, tool wear, cutting forces, surface roughness, delamination, sustainable machining	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Satish Shenoy B	https://researcher.manipal.edu/en/persons/satish-shenoy-b/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Mechanical Engineering, Heat Transfer, Thermal Engineering, Fluid Mechanics, CFD	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sawan Shetty	https://researcher.manipal.edu/en/persons/sawan-shetty/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Mechanical, nanomaterials	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shah Mohammed Abdul Khader	https://www.scopus.com/authid/detail.uri?authorid=36806042700	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	CFD, Artificial Intelligence, Machine Learning, Renewable Energy, Heat Transfer, Thermal Management, Energy Efficiency, Design Optimization	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shilpa Suresh	https://researcher.manipal.edu/en/persons/shilpa-suresh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Robotics and Mechatronics, Agricultural Automation (Agri-Robotics), Computer Vision and AI Embedded Systems and Control. Keywords: Agricultural Robotics, Autonomous Navigation, Fruit Detection. Domain Knowledge Requirements: Basics of image processing, simulation tools, robotics	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Shiva Kumar	https://manipal.edu/mit/departement-faculty/faculty-list/shiva-kumar.html	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	adsorption, composite materials, membrane characterisation,	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shivaprakash Y M	https://www.scopus.com/authid/detail.uri?authorid=57151189300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	pineapple leaf fibers, eggshell, seashell, epoxy, hand layup, polymer composite	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shivashankarayya Hiremath	https://researcher.manipal.edu/en/persons/shivashankarayya-hiremath/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Sustainable materials, cladding, impact, safety application	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shivashankarayya Hiremath	https://researcher.manipal.edu/en/persons/shivashankarayya-hiremath/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Rapid printing, blend-material, 3D structure, Art and design, biomedical applications	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sooraj Mohan	https://researcher.manipal.edu/en/persons/sooraj-mohan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Biomass Processing; Materials Characterization; Biomass Processing; Analytical Skills; Materials Science; Data Interpretation	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sooraj Mohan	https://researcher.manipal.edu/en/persons/sooraj-mohan/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Heat Transfer / Materials Science / Mechanical Testing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Spoorthi Singh	https://researcher.manipal.edu/en/persons/dr-spoorthi-singh/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Bio-Inspired Underwater Robotics & Legged Locomotion Six-legged robotic mechanism, 3-DOF leg kinematics, gait generation, stability and hull-surface locomotion. Underwater Robot Design & Hydrodynamics CAD/FEA, CFD, underwater dynamics, buoyancy, drag, thruster design and electromagnetic-suction adhesion. Robotics Perception, Computer Vision & SLAM Underwater image processing, object/biofouling detection, visual perception, sensor fusion, localization and SLAM. ROS/Embedded Systems & Robotic Control ROS/ROS2, C/C++/Python, microcontrollers, motor drivers, sensor interfacing, communication circuits and real-time control. Autonomous Navigation & Intelligent Hull Cleaning Path/coverage planning, obstacle avoidance, leg-thruster coordination, adaptive control and optimization of brush/scrapper cleaning.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sriharsha Hegde	https://www.scopus.com/authid/detail.uri?authorid=56735664400	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Mechanics, composites, vibrations	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sriharsha Hegde	https://www.scopus.com/authid/detail.uri?authorid=56735664400	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	smart material, vibrations, acoustics, magnetorheological elastomers	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Srinivas G	https://www.scopus.com/authid/detail.uri?authorid=55537618600&origin=resultslist	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Aerodynamics, CFD, Numerical Methods	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Srinivas G	https://www.scopus.com/authid/detail.uri?authorid=55537618600&origin=resultslist	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	CFD, Heat transfer, Matrials, Aerospace	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Srinivas Shenoy H	https://researcher.manipal.edu/en/persons/srinivas-shenoy-h/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Composites, Wear, Sustainable, Reinforcements, Resins	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Subash Acharya	https://researcher.manipal.edu/en/persons/subash-acharya/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Smart materials, Characterization of particles and fluid, Fluid rheology, Thermal Analysis	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Subramanya R Prabhu	https://researcher.manipal.edu/en/persons/subramanya-r-prabhu/	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Friction stir welding Aluminium composites Artificial Intelligence Process-structure-property relationships Multi-objective optimization	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Suhas Kowshik C S	https://researcher.manipal.edu/en/persons/suhas-kowshik-c-s/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Polymer Composites ; Bio-Composites ; AI/ML ; Natural Fibre ; Predictive Modelling ; Machining of Composites ;	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Suhas Y Nayak	https://researcher.manipal.edu/en/persons/suhas-yeshwant-nayak/	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Metal Additive Manufacturing: Process Parameter Optimization; Porosity; Residual Stress; Mechanical Properties	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Umanath R Poojary	https://www.scopus.com/authid/detail.uri?authorid=57191591921	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	ADI, Vibration, damping	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vijay Babu Koreboina	https://www.scopus.com/authid/detail.uri?authorid=37057728500	Mechatronics Engineering	Manipal Institute of Technology, Manipal	Soft Magnetic Composite, Powdered Iron Core, Motor, Electric Drive Systems, Electric Vehicles.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vinyas	https://www.scopus.com/authid/detail.uri?authorid=57219325134	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Computational Biomechanics	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vinyas	https://www.scopus.com/authid/detail.uri?authorid=57219325134	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Computational Biomechanics, Finite Element Method, Computer Aided Modelling, Artificial Intelligence	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vishnu G Nair	https://researcher.manipal.edu/en/persons/vishnu-g-nair/	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	UAV, Autonomous Navigation, Coverage Path Planning, Trajectory Planning, Wireless Communication, Antenna Orientation, Received Signal Strength, Communication-Aware Planning, UAV Dynamics, Guidance and Control, Obstacle Avoidance, Path Optimization, MATLAB/Python Simulation	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vishwanath Managuli	https://www.scopus.com/authid/detail.uri?authorid=57195251852	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Design, Finite Element Analysis, Fatigue and Failure Analysis, Additive Manufacturing	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Vishwanatha H M	https://www.scopus.com/authid/detail.uri?authorid=56786221000	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Additive manufacturing, 3D printing, Mechanical engineering, materials and metallurgical engineering	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Vishwanatha H M	https://www.scopus.com/authid/detail.uri?authorid=56786221000	Mechanical and Industrial Engineering	Manipal Institute of Technology, Manipal	Friction stir processing, additive manufacturing, 3D printing, mechanical and metallurgical engineering	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Yogeeshia Pai	https://www.scopus.com/authid/detail.uri?authorid=57195337851	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Composite structures	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Jayakrishnan Radhakrishnan	https://www.scopus.com/authid/detail.uri?authorid=57200777859	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	Research Area: Wind Energy Aerodynamics, Computational Fluid Dynamics, Experimental Aerodynamics and Turbomachinery Research Topic: Experimental and CFD investigation of unsteady wake interactions and aerodynamic performance of multi-turbine wind farms under gusty, turbulent, and sheared inflow conditions Keywords: Wind-Turbine Aerodynamics, Wake Interaction, Wind-Farm Aerodynamics, Computational Fluid Dynamics, Experimental Investigation, WindShaper, Wind-Tunnel Testing, Unsteady Aerodynamics, Atmospheric Turbulence, Gust Response, Wind Shear, Wake Steering, Yaw Misalignment, Turbine Spacing, Power Optimization, URANS, DES, LES Domain Knowledge Requirements: Fluid mechanics, aerodynamics, wind-turbine technology, computational fluid dynamics, turbulence modelling, unsteady-flow analysis, wind-tunnel or WindShaper experimentation, aerodynamic instrumentation, data acquisition, signal processing, dimensional analysis, similarity principles, and basic numerical optimization.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Sivayazi Kappagantula	https://researcher.manipal.edu/en/persons/sivayazi-kappagantula/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: Autonomous Systems, Artificial Intelligence, Robotics and Intelligent Transportation Research Topic: Reinforcement learning-based decision-making and navigation for autonomous vehicles Keywords: Autonomous Driving, Reinforcement Learning, Artificial Intelligence, Deep Learning, Decision-Making, Motion Planning, Navigation, Obstacle Avoidance, Intelligent Vehicles, Robotics Domain Knowledge Requirements: Basic knowledge of artificial intelligence, machine learning, reinforcement learning, robotics, autonomous vehicles, programming, simulation, control systems and motion planning.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sivayazi Kappagantula	https://researcher.manipal.edu/en/persons/sivayazi-kappagantula/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: MedTech Intelligence, Healthcare Robotics, Artificial Intelligence and Smart Healthcare Systems Research Topic: Safe and human-aware reinforcement learning for intelligent autonomous robots in healthcare environments Keywords: MedTech Intelligence; Healthcare Robotics; Safe Reinforcement Learning; Human-Aware Navigation; Assistive Robotics; Medical Logistics; Artificial Intelligence; Computer Vision; Sensor Fusion; ROS 2; Autonomous Mobile Robots; Smart Hospitals; Explainable AI Domain Knowledge Requirements: Reinforcement learning, artificial intelligence, mobile robotics, autonomous navigation, ROS 2, motion planning, computer vision, sensor fusion, human-robot interaction, healthcare workflow analysis, safety engineering, and intelligent decision-making.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sivayazi Kappagantula	https://researcher.manipal.edu/en/persons/sivayazi-kappagantula/	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: Advanced Autonomous Mobile Robots, Artificial Intelligence, Robotics and Intelligent Automation Research Topic: Adaptive navigation, intelligent decision-making, and collaborative operation of advanced autonomous mobile robots Keywords: Autonomous Mobile Robots; Advanced AMR; Reinforcement Learning; Artificial Intelligence; Autonomous Navigation; Dynamic Obstacle Avoidance; Sensor Fusion; Motion Planning; Multi-Robot Coordination; ROS 2; Human-Robot Collaboration; Intelligent Automation Domain Knowledge Requirements: Mobile robotics, robot kinematics, autonomous navigation, reinforcement learning, motion planning, control systems, sensor fusion, artificial intelligence, ROS 2, simulation, multi-robot systems, and human-robot interaction.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Divya D Shetty	https://www.scopus.com/authid/detail.uri?authorid=57209245148	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	•Ultra-Fast Charging •Hybrid Cooling •Phase Change Material •Thermal Runaway •Electric Vehicle Battery	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Divya D Shetty	https://www.scopus.com/authid/detail.uri?authorid=57209245148	Aeronautical and Automobile Engineering	Manipal Institute of Technology, Manipal	•Nano Enhanced PCM •Graphene •Battery Thermal Management •Sustainability •Electric Vehicle	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pushpendra Kumar Shukla	https://www.scopus.com/authid/detail.uri?authorid=57219788521	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Electric Vehicle Battery Thermal Management Computational Fluid Dynamics Battery Cooling Thermal Optimization Data-Driven Modelling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pushpendra Kumar Shukla	https://www.scopus.com/authid/detail.uri?authorid=57219788521	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Thermal Energy Storage Phase Change Materials Solar Thermal Energy Heat Transfer Enhancement CFD Modelling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Pushpendra Kumar Shukla	https://www.scopus.com/authid/detail.uri?authorid=57219788521	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Electronic Thermal Management Microchannel Heat Sink High-Heat-Flux Cooling Data Center Cooling Computational Fluid Dynamics	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nitin Ralph Pochont	https://www.scopus.com/authid/detail.uri?authorid=57203020976	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Photovoltaic Thermal, Potential-induced degradation, Composites, Phase-change materials, Nano synthesis, Diurnal conditions	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nitin Ralph Pochont	https://www.scopus.com/authid/detail.uri?authorid=57203020976	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Green hydrogen, Energy modelling, Alkaline and PEM electrolyzers, Renewable energy intermittency, Electrolyzer degradation, techno-economic analysis, levelized cost of hydrogen (LCOH)	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Nitin Ralph Pochont	https://www.scopus.com/authid/detail.uri?authorid=57203020976	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Agrivoltaics, Energy modelling, Battery-swapping, Spatiotemporal Irradiance, Pareto-optimal geometries, Highway corridors	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Kanak Kalita	https://www.scopus.com/authid/detail.uri?authorid=56461099200	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: Computational Mechanics; Engineering Design and Optimization Research Topic: Computational intelligence and optimization for advanced engineering analysis and design. Keywords: Computational mechanics; Finite element analysis; Artificial Intelligence; Engineering optimization; Surrogate modelling Domain Knowledge Requirements (Desirable): Engineering mechanics and numerical methods Finite element analysis and computational modelling Machine learning and surrogate modelling Optimization and engineering design	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kanak Kalita	https://www.scopus.com/authid/detail.uri?authorid=56461099200	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: Thin-Film Coatings; Artificial Intelligence and Machine Learning Research Topic: Machine learning-driven prediction, design, optimization, and performance enhancement of advanced thin-film coatings and their deposition processes. Keywords: Thin-film coatings; Surface engineering; Machine learning; Artificial intelligence Domain Knowledge Requirements (Desirable): Thin-film deposition and coating technologies Surface engineering and characterization Machine learning and data analytics Optimization techniques and computational modelling	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Kanak Kalita	https://www.scopus.com/authid/detail.uri?authorid=56461099200	School of Mechanical Engineering	Manipal Institute of Technology, Manipal	Research Area: Additive Manufacturing; Artificial Intelligence and Machine Learning Research Topic: AI-assisted modelling and 3D-printed materials Keywords: Additive manufacturing; 3D printing; Machine learning; Process optimization; 3D-printed materials Domain Knowledge Requirements (Desirable): Additive manufacturing and 3D printing Materials processing and characterization Machine learning and computer vision Process modelling and optimization	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Shibu Chameettachal	https://www.scopus.com/authid/detail.uri?authorid=55587212100	Department of Integrated Research	Kasturba Medical College, Manipal	Research Area: Bone Tissue Engineering and Advanced Biomaterials Key words: Bone Tissue Engineering; Additive Manufacturing; Functionally Graded Scaffolds; Bioactive Glass; Trabecular Architecture Domain Knowledge Requirements: Candidates with a background in mechanical engineering, biomedical engineering, tissue engineering, biomaterials, materials science, biotechnology, or a closely related discipline are encouraged to apply. Prior exposure to additive manufacturing/3D printing, CAD or computational modelling, biomaterials characterisation, mechanical testing, cell culture, or bone tissue engineering will be advantageous.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Arpitha G R	https://www.scopus.com/authid/detail.uri?authorid=56965028800	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Sustainable bio-based polymer composites, natural fibers, nanofillers, materials science, composite processing, and material characterization.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Abhijith M S	https://www.scopus.com/authid/detail.uri?authorid=57219034970	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Computational Fluid Dynamics, Python-based coding skills (or familiarity of any one of the programing languages), thermal management of systems	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhijith M S	https://www.scopus.com/authid/detail.uri?authorid=57219034970	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Machine Learning, Python Based coding, Computational Fluid Dynamics, Thermal Management	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Abhijith M S	https://www.scopus.com/authid/detail.uri?authorid=57219034970	School of Basic Sciences, Humanities and Management	Manipal Institute of Technology, Bengaluru	Computational Fluid Dynamics, Coding experience or knowledge in any one of the programing languages, Fluid Dynamics	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Sumit Kumar	https://www.scopus.com/authid/detail.uri?authorid=58739380300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Biomicrofluidics, Disease Screening, Machine Learning, RBC Aggregation, Hematocrit level, Paper-based Biosensor	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Sumit Kumar	https://www.scopus.com/authid/detail.uri?authorid=58739380300	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Electrospun nanofibers, Smart wound dressing, Controlled drug release, Infection monitoring, Biosensors	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Alok Bhadauria	https://www.scopus.com/authid/detail.uri?authorid=56112746900	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Materials Engineering, Mechanical Engineering	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY

FACULTY NAME	Expression of Interest: Faculty: PURE/Scopus Profile URL	Faculty: Department Name	Faculty: Institute Name	Research Area / Research Topic / Keyword	Stream of Research Area	Domain Category of Research Area	Mode of PhD
Dr. Alok Bhadauria	https://www.scopus.com/authid/detail.uri?authorid=56112746900	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Flash Sintering, Sintering, Mechanical Behaviour	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME CANDIDATES ONLY
Dr. Arun Y Patil	https://www.scopus.com/authid/detail.uri?authorid=57201735277	Mechanical and Industrial Engineering	Manipal Institute of Technology, Bengaluru	Sustainable Manufacturing; Industrial Air Pollution Control; Mist Separation and Filtration; Machining Processes; Mechanical Design; CFD and Multiphysics Simulation; Separator Performance Optimization; Energy Efficiency; Pressure-Drop Analysis; Carbon Emission Assessment; Life-Cycle Assessment; Occupational Air Quality.	Technology and Science	ENGG: MECHANICAL STREAM	FULL TIME / PART TIME CANDIDATES
Dr. Chinmay Rajhans	https://researcher.manipal.edu/en/persons/dr-chinmay-rajhans/	Instrumentation and Control Engineering	Manipal Institute of Technology, Manipal	Fruit sorting, Machine Learning, AI ML, Optical sorting, Image Processing, Quality Checks.	Technology and Science	FOOD SCIENCE AND NUTRITION	FULL TIME / PART TIME CANDIDATES
Dr. Madhusudan Kulkarni	https://researcher.manipal.edu/en/persons/madhusudan-kulkarni/	Electronics and Communication Engineering	Manipal Institute of Technology, Manipal	Multiplexed Biosensors Mycotoxins Machine Learning Food Safety Electrochemical Sensing	Technology and Science	FOOD SCIENCE AND NUTRITION	FULL TIME / PART TIME CANDIDATES
Dr. Ravindranath B S	https://researcher.manipal.edu/en/persons/ravindranath-b-s/	Biotechnology	Manipal Institute of Technology, Manipal	Dyslipidemia , Occupational health, Cardiovascular risk, Hypertriglyceridemia, Sedentary lifestyle, Lifestyle modification, food formulation	Technology and Science	FOOD SCIENCE AND NUTRITION	FULL TIME CANDIDATES ONLY