

Campus	Faculty	Program	List major research areas currently offered for Ph.D. scholars	Mode of PhD Program (FT/PT/Both)	12.Department Coordinator name	13.Official Email ID	14.Contact Number
Amaravati	Arts Humanities & Commerce	Sanskrit	*Philosophy, *Yoga * Indian Knowledge Systems and Spiritual Studies	Part Time	Dr. S V B K V GUPTA	svbkgupta@av.amrita.edu	8903888551
Amaravati	Arts Humanities & Commerce	English Language and Literature	Film and Media Studies English Language Teaching Graphical Literary Endeavours English for Specific Purpose with Digital Humanities	Both	Dr Ram Chandra Kalluri	k_ramchandra@av.amrita.edu	9848128339
Amaravati	Computing	Computer Science and Engineering	Health care, AI, ML, DL, Wireless sensor network, XAI, IOT, Cloud Computing, Smart traffic management, Agriculture with AI	Both	Dr. V Lakshmi Chetana	s_lakshmichetana@av.amrita.edu	9948250007
Amaravati	Engineering	Electronics and Communication Engineering	1. Low Power VLSI Design 2. Quantum Device 3. Quantum Communication 4. Edge Computing 5. Wireless Communication 6. Control System 7. Robotics 8. Electric Vehicles	Both	Dr Deepak Kumar Panda	p_deepakkumar@av.amrita.edu	7662084001

Amaravati	Management	Management	Digital Marketing, Technology Management, Service Operations Management	Full Time	Santanu Mandal	santanu.mandal@av.amrita.edu	7731081495
Amaravati	Physical Sciences	Mathematics	Computer Algebra, Numerical Algorithms, Mathematical Modelling, ANN, Numerical Analysis, Differential Equations (Integer & Fractional), Deep Learning and computer security, Applied Mathematics, Generalized thermo-elasticity, wave propagation material medium including nanomaterial (carbon nanotubes).	Both	Dr. Ram Pratap Chauhan	c_rampratap@av.amrita.edu	6388167345
Amritapuri	Arts Humanities & Commerce	Philosophy	General Philosophy, Yoga, Ethics (Eastern and Western), Philosophy of Mind (Eastern and Western), Vedanta, Education (Sanskrit), Sanskrit (Vyakarana)	Both	Dr. Padmakumar P R	padmakumarpr@am.amrita.edu	9745736771

Amritapuri	Arts Humanities & Commerce	Commerce and Management	Marketing Organization behaviour Human resources management Finance and Tax Law and Legal studies Entrepreneurship Sustainable development	Full Time	Dr Durgalashmi C V	durgalashmicv@am.amrita.edu	9900000000
Amritapuri	Ayurveda	Ayurveda		Both	Dr Siva Balan	dr.sivabalaji@ay.amrita.edu	7559027947
Amritapuri	Computing	Cyber Security	Mobile Embedded, Cyber Physical Systems and Internet of Things Security AI & Cybersecurity Cryptography and Applications Cybersecurity Education Cyber Governance Risk and Compliance Blockchains and Cryptocurrencies Cyber Forensics and Incident Response Practical Mobile Security Cloud Security	Both	Dr. Sriram Sankaran	srirams@am.amrita.edu	9072363631
Amritapuri	Computing	Computer Science and Engineering	Assistive Technologies Smart Agriculture Network and Security Linguistics Healthcare Disability	Both	Dr. Subhasri Duttagupta	subhasrid@am.amrita.edu	9820676730

Amritapuri	Engineering	Wireless Networks & Applications	Wireless Networks & Applications (IoT, 5G/6G) Geoinformatics and Earth Sciences Multi Hazard Monitoring Systems Biomedical and AI for Health Wearable Health Sensors Natural Language Processing and Linguistics Imaging and Computational Mathematics Augmented and Virtual Reality Fiber optics & communication RF and Microwave Sensors Communications and Systems Intelligent Infrastructures: Agri,Cities,Power,Water and Sustainability	Full Time	Rahul Krishnan	<a href="mailto:rahulkrishnan@am.amrita.edu">rahulkrishnan@am.amrita.edu</a>	9633993910
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Amritapuri	Engineering	Geoinformatics and Earth Sciences	Wireless Networks & Applications (IoT, 5G/6G) Geoinformatics and Earth Sciences Multi Hazard Monitoring Systems Biomedical and AI for Health Wearable Health Sensors Natural Language Processing and Linguistics Imaging and Computational Mathematics Augmented and Virtual Reality Fiber optics & communication RF and Microwave Sensors Communications and Systems Intelligent Infrastructures: Agri,Cities,Power,Water and Sustainability	Full Time	Rahul Krishnan	<a href="mailto:rahulkrishnan@am.amrita.edu">rahulkrishnan@am.amrita.edu</a>	9633993910
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Amritapuri	Engineering	Biomedical Engineering and AI	Wireless Networks & Applications (IoT, 5G/6G) Geoinformatics and Earth Sciences Multi Hazard Monitoring Systems Biomedical and AI for Health Wearable Health Sensors Natural Language Processing and Linguistics Imaging and Computational Mathematics Augmented and Virtual Reality Fiber optics & communication RF and Microwave Sensors Communications and Systems Intelligent Infrastructures: Agri,Cities,Power,Water and Sustainability	Full Time	Rahul Krishnan	<a href="mailto:rahulkrishnan@am.amrita.edu">rahulkrishnan@am.amrita.edu</a>	9633993910
Amritapuri	Engineering	Neural Engineering	Computational Neuroscience Pathway modeling Neuroengineering	Both	Dr. Asha Vijayan	<a href="mailto:ashavijayan@am.amrita.edu">ashavijayan@am.amrita.edu</a>	9497362965
Amritapuri	Engineering	Computational & Cognitive Neuroscience	Computational Neuroscience Pathway modeling Neuroengineering	Both	Dr. Asha Vijayan	<a href="mailto:ashavijayan@am.amrita.edu">ashavijayan@am.amrita.edu</a>	9497362965

Amritapuri	Engineering	Electronics and Communication Engineering	<p>Analog VLSI</p> <p>Digital VLSI</p> <p>Radio frequency and antenna engineering</p> <p>Photonics and quantum information</p> <p>Material science and applications</p> <p>Signal processing</p> <p>Communication</p> <p>Embedded systems</p> <p>Robotics, Control System, IoT and AI</p> <p>Machine learning and computer vision</p> <p>Intelligent Transportation Systems</p> <p>Agricultural Technology</p> <p>Non-Traditional Machining and Digital Manufacturing</p> <p>Flexible Electronics</p> <p>Landslide analysis</p>	Both	Dr. Viswas S. Nair	viswassnair@am.amrita.edu	9559742708
Amritapuri	Engineering	Mechanical engineering	<p>Thermal and Fluids</p> <p>Robotics</p> <p>Sustainability</p> <p>Manufacturing and Materials</p> <p>Engineering Design</p>	Both	Dr Karthik V Shankar	karthikvs@am.amrita.edu	9952532461

Amritapuri	Engineering	Electrical and Electronics Engineering	<p>AI application in monitoring the performance of Electric Vehicle Charging station</p> <p>AI and Agent theory in Energy market analysis</p> <p>Optimal configuration of Net Zero Energy Buildings</p> <p>Design of sustainable microgrid with DER and EVs</p> <p>AI application in design of optimal Energy Management System in Buildings, Smart Grid and Unmanned vehicles</p> <p>APPLICATIONS OF AI IN BIOMEDICAL ENGINEERING</p> <p>FACTS &amp; Power Quality improvement in Smart Grids</p> <p>Cyber resilience in Smart Grids</p> <p>Renewable Energy- Grid integration &amp; Power Quality enhancement</p> <p>EV-Grid integration</p> <p>Digital Twin development for a Smartgrid</p> <p>Hybrid Energy Storage Systems solutions to EVs and Renewable Energy powered Microgrids</p> <p>Self-Healing Protection in Smart Grids</p>	Both	Dr. Divya R., Dr Pramod C. P.	divyarnair@am.amrita.edu, pramodcpu@am.amrita.edu	9496405083, 9895143578
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Amritapuri	Interdisciplinary Studies	Interdisciplinary Studies	The topic or area may be from any discipline, provided it is one in which an Amrita PhD holder is qualified to guide the candidate.	Both	Sreejith Kumar S	ispgpoffice@amrita.edu	914762804471
Amritapuri	Life Sciences	Biotechnology	<ol style="list-style-type: none"> <li>1. Anti-Microbial Resistance</li> <li>2. Sanitation Biotechnology</li> <li>3. Biomarker Discovery and Proteomics</li> <li>4. Biomolecular Chemistry</li> <li>5. Natural products Lead discovery and Green Chemistry</li> <li>6. Cancer Biology</li> <li>7. Cardiovascular Research</li> <li>8. Stem cells and Regenerative Biology</li> <li>9. Developmental Biology</li> <li>10. Artificial Intelligence for Biosciences</li> </ol>	Both	Dr. Sudarslal S	asbt-phd-office@am.amrita.edu	0476-2803000
Amritapuri	Management	Management	<p>Marketing OB&amp;HR Finance Strategy &amp; Innovation Sustainability</p>	Both	Kannan G Pillai	kannangp@am.amrita.edu	9072000196
Amritapuri	Physical Sciences	Chemistry	<p>Electrochemical sensors Polymer nanocomposites Environmental Science Organic Chemistry Inorganic Chemistry Computational Chemistry</p>	Both	Dr. Saritha A	sarithaa@am.amrita.edu	9447703372

Amritapuri	Physical Sciences	Physics	<p>1. Computational material science-nano carriers for targeted drug delivery, materials for energy storage</p> <p>2. Experimental Materials for Super capacitor, Energy harvesting, water purification, Air purification, Fuel cells</p> <p>3.Data-Driven Materials Discovery;</p> <p>4.Thermoelectric Materials; Ultra-high energy density capacitors; Resistive switching memory devices</p> <p>5.material Informatics</p> <p>6.Simulations of Astrophysical jets (under Astrophysics)</p> <p>7. Physics Education</p> <p>8.Materials Engineering (Low-Cost Plasmonic Materials) (Experimental aspect)</p> <p>9. Gap-Coupled Nanostructure Design &amp; Electromagnetic Optimization (Theoretical Modeling aspect)</p> <p>10.Gap-Coupled Nanostructure Design for Enhancing Surface-enhanced Raman spectroscopy (SEPC) (Experimental aspect)</p>	Both	Jyotirmayee Satapathy	jyotirmayees@am.amri ta.edu	6238955586
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Amritapuri	Physical Sciences	Mathematics	Physics Informed Neural Networks, Graph Theory and Applications, Matrix Fixed Point Theory, Inverse ill posed problems and Numerical Analysis, Theoretical Computer Science, Machine and Deep Learning	Both	Dr. Manjusha R	manjushar@am.amrita.a.edu	6238245621
Amritapuri	Interdisciplinary Studies	Interdisciplinary Studies	The topic or area may be from any discipline, provided it is one in which an Amrita PhD holder is qualified to guide the candidate.	Both	Sreejith Kumar S	ispgpoffice@amrita.edu	914762804471
Amritapuri	Sustainable futures	Sustainable Development	<ul style="list-style-type: none"> <li>- Climate Change &amp; Resilience</li> <li>- Water Sustainability</li> <li>- Energy Sustainability</li> <li>- Sustainable Agriculture &amp; Livelihood</li> <li>- Waste Management &amp; Waste to Wealth</li> <li>- AI for Social Good</li> <li>- Education: Pedagogy &amp; Technology</li> <li>- Marine Ecosystem &amp; Blue Economy</li> <li>- Intangible Culture &amp; Heritage</li> </ul>	Full Time	Sreejith Kumar S	asoffice@am.amrita.edu	914762804471

Amritapuri	Social and Behavioral Sciences	Social and Behavioral Sciences	Gender Equality Critical Masculinities Sustainable Development Public Policy Rural Development Social impacts of emerging technologies STI Policy Gender and STEM Systems of Innovation Science Diplomacy	Both	Gouri Ekkirala	gourie@am.amrita.edu , gouri.ekkirala@ammac hilabs.org	91814278423
Bengaluru	Arts Humanities & Commerce	English Language and Literature	1. Language and Literature 2. Culture Studies 3. Gender Studies 4. Postcolonial Studies 5. Translation Studies	Both	Dr Revathy Hemachandran	h_revathy@blr.amrita.edu	7997192229
Bengaluru	Arts Humanities & Commerce	Philosophy	Sacred Landscapes and Archaeology	Both	H.A Vinay	ha_vinay@blr.amrita.edu	8861783964
Bengaluru	Computing	Computer Science and Engineering	AI for Health & Wellbeing Medical Signal & Image Processing Human Language Technology Remote Sensing and its Applications in Environments Green Computing Data-Driven Modelling and Analysis of Complex Systems Artificial Intelligence of Things AI for Cloud & Security	Both	Dr Thangam S	s_thangam@blr.amrita.edu	9600535162

Bengaluru	Engineering	Electronics and Communication Engineering	<ul style="list-style-type: none"> <li>. Artificial Intelligence and Machine Learning</li> <li>. Analog and Digital Communication</li> <li>. Biomedical Signal Processing</li> <li>. Signal Processing</li> <li>. Optical Fibre Communication</li> <li>. 6G Communication Networks</li> <li>. Robotics and Engineering</li> <li>. Device Level Design and Modelling</li> <li>. Device Physics</li> <li>. Communication Networks</li> <li>. Network on Chip</li> <li>. VLSI Design (Front End and Back End)</li> <li>. Low Power VLSI Design</li> <li>. Optical Networks</li> <li>. ASIC/FPGA Design</li> <li>. R F and Wireless Communication</li> <li>. Material Characterization</li> </ul>	Both	Dr. GANAPATHI HEGDE	ganapathi_hegde@blr.amrita.edu	9448263527
Bengaluru	Engineering	Mechanical engineering	Smart and Advanced Manufacturing	Both	Dr. Prashanth B N	bn_prashanth@blr.amrita.edu	9844118915
Bengaluru	Engineering	Electrical and	AI & ML based Solutions for Power Systems	Both	Surekha Paneerselvam	p_surekha@blr.amrita.edu	8884733747
Bengaluru	Physical Sciences	Chemistry	Drug Delivery Analytical method development	Both	Amrita Thakur	t_amrita@blr.amrita.edu	9901685326
Bengaluru	Physical Sciences	Physics	Nanophosphors Theoretical Physics	Both	Dr. G. N. Kumaraswamy	gnk_swamy@blr.amrita.edu	9886883788

Bengaluru	Management	Management	1.Consumer Behaviour 2.Entrepreneurship 3.Supply Chain Management 4.Sustainable energy and practices 5.Public finance 6.Sociology of organisation 7.Demography 8.Livelihood and Sustainability 9.Population and Health Economics 10.Public Health Management 11.Technology adoption and society 12.Organisational Behaviour 13.Gender in employment 14.Influencer marketing 15.Applications of AI/ML in Marketing 16.Personalized marketing communications 17.Customer Relationship Value 18.Environmental, Social, and Governance 19.AI Adoption in hr 20.Employee behaviour 21.Intrinsic motivation 22.Corporate Finance 23.Banking Policy 24.Stock Market	Both	Vidhya V	v_vidhya@blr.amrita.edu	9741018866
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Bengaluru	Physical Sciences	Mathematics	Finite Element Method, Computational Science and Techniques Optimization techniques Graph Theory and Applications Mathematical Modelling Quantum Computing (Mathematics) Fluid Mechanics Lie theory and Fourier space Real Analysis and Algebra	Both	Mullai Venthan SELVAM	s_mullai11@blr.amrita.edu	9500770040
Chennai	Arts Humanities & Commerce	English Language and Literature	* Postmodernism * Gender Studies * Cultural Studies * Posthumanism * Disability Studies * British Literature * American Literature * Climate Studies	Full Time	Dr. M. Ajithkumar	m_ajithkumar@ch.amrita.edu	9943047501
Chennai	Computing	Computer Science and Engineering	Computer Science and Engineering: Artificial Intelligence (AI) & Machine Learning Artificial Intelligence (AI) & Deep Learning Data Science & Big Data Analytics Cybersecurity & Network Security Cloud Computing & Edge Computing Internet of Things (IoT)	Both	Dr.Muthaiah U	u_muthaiah@ch.amrita.edu	9047864346

Chennai	Engineering	Mechanical engineering	Tribology, IOT	Both	Krishnadas N	kn_nampoothiri@ch.amrita.edu	9995283286
Chennai	Engineering	Electronics and Communication Engineering	VLSI design Material science Image processing Embedded system Internet of things Nonlinear system Bio signal processing Artificial intelligence Machine learning Radio frequencies and microwave Antenna design Sensor design and fabrication	Both	Dr P Mathivanan	p_mathivanan@ch.amrita.edu	9840079520
Chennai	Physical Sciences	Chemistry	* Sustainable Solutions for Water treatment * Designing materials for carbon sequestration * Sustainable processing methods for advanced alloys * Material design for EMI shielding * Design of material for corrosion resistance.	Full Time	Dr. M. Ajithkumar	m_ajithkumar@ch.amrita.edu	9943047501

Chennai	Physical Sciences	Mathematics	<ul style="list-style-type: none"> <li>* Rough Sets Theory and Applications</li> <li>* Control System Theory and Applications</li> <li>* Numerical Methods, Computer Simulation, and Theory of Elasticity</li> <li>* Stochastic Differential Equations</li> <li>* Fractional Order Dynamical Systems</li> <li>* Bio-Fluid Dynamics, Peristaltic transport, Nanofluids, Heat and Mass transfer</li> <li>* Fractal Calculus, and Signal Analysis</li> </ul>	Full Time	Dr. M. Ajithkumar	m_ajithkumar@ch.amrita.edu	9943047501
Chennai	Physical Sciences	Physics	<ul style="list-style-type: none"> <li>* Metal Matrix Composite</li> <li>* Nanocomposites</li> <li>* Powder Metallurgy</li> </ul>	Full Time	Dr. M. Ajithkumar	m_ajithkumar@ch.amrita.edu	9943047501
Coimbatore	Agricultural Sciences	Agronomy	<p>Sustainable Phosphorus and silicate Nutrition in Rice</p> <p>Modelling yield predictions using global models</p> <p>Screening abiotic stress tolerance genotypes in rice</p> <p>Cow dung and urine based natural farming solutions for soil health and nutrition</p> <p>Enhanced efficacy of agricultural inputs through nano formulations</p>	Full Time	Dr. Sudheesh Manalil (PGP Chair for Faculty of Agriculture)	sudheeshmv@amrita.edu	9566936731

Coimbatore	Architecture	Architecture	<p>The Research Areas is designed around three core interconnected domains: Technology, sustainability, and traditional knowledge systems.</p> <p>The major research areas currently offered include:</p> <p>A. Heritage &amp; Traditional Knowledge</p> <ol style="list-style-type: none"> <li>1. Heritage Conservation and Adaptive Reuse in Indian Contexts</li> <li>2. Traditional Knowledge Systems (TKS) and Vernacular Heritage</li> <li>3. Relevance of Traditional Tools and Artifacts in Architecture</li> <li>4. Cultural Landscape Management</li> </ol> <p>B. Sustainability &amp; Resilience</p> <ol style="list-style-type: none"> <li>1. Low-Carbon and Zero-Energy Building Technologies</li> </ol>	Both	Dr Pratheek Sudhakaran, Associate Professor, Amrita School of Architecture, Amrita Vishwa Vidyapeetham Coimbatore	s_pratheek@cb.amrita.edu	7425988858
Coimbatore	Artificial Intelligence	Artificial Intelligence and Data	Artificial intelligence in waste management, waste-to-energy	Both	Prem Jagadeeshan	<a href="mailto:m_akhil1@cb.amrita.edu">m_akhil1@cb.amrita.edu</a>	7349765162 9003760195

Coimbatore	Arts Humanities & Commerce	English Language and Literature	<ul style="list-style-type: none"> <li>.Indian writing in English</li> <li>.English Language Teaching, skill acquirement, development, pedagogy, innovations &amp; Implementations</li> <li>.Childrens Literature</li> <li>. Folk Studies, Graphic Narratives</li> <li>. Disability Studies, Sleep Studies</li> <li>.Addiction Studies, Mind Studies</li> <li>. Bereavement Studies</li> <li>.Dalit Literature</li> <li>. Eco Criticism</li> <li>. Diasporic Writing</li> <li>. Translation Studies</li> <li>.Comparative Literature</li> <li>.Climate narratives</li> <li>.Memory Narratives</li> <li>.Food Studies</li> <li>.Postmodern Literature/Postcolonial Writings</li> <li>. New Literature/ Digital Humanities</li> <li>. War Literature/Trauma Studies</li> <li>.Film Theory and Criticism, Popular culture</li> <li>. Regional Indian literature and cinema</li> <li>. Gender Studies, Culture Studies,</li> </ul>	Full Time	Sandhya V	v_sandhya@cb.amrita.edu	9745201707
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Coimbatore	Arts Humanities & Commerce	Visual Media and Communication	Journalism and News studies Advertising and Public Relations Digital Humanities Film, Television and Visual Culture Media Psychology and Audience Studies Environment and Sustainable Communication Health communication Cultural Studies and Media Representation Tribal studies	Both	Dr. A. Balasubramanian	a_balasubramanian@cb.amrita.edu	9894240410
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Coimbatore	Computing	Computer Science and Engineering	<p>MutliFractal Analysis in Complex Networks,  Governing Dynamics in partially observable complex networks,  Polynomial-Time Graph Quantization techniques that address Graph Isomorphism problem for specific set of Graphs  Network Security  Image processing  AI in Emerging Areas: Edge, Cloud -  Evolutionary algorithms  cyber-physical systems  Secure camera Network  Evolutionary Optimization, Learning and Adaptive Systems (EvOLve)  Network Systems and Security  Knowledge Engineering and Semantic Computing  Secure Camera Network Analytics  Data Science / Data Analytics  Artificial Intelligence  Cooperative Cyber-Physical Social Systems and IoT  Image Analysis and Pattern Recognition</p>	Both	Dr.S.ThangaVel	p_remyakrishnan@cb.amrita.edu / s_thangavel@cb.amrita.edu	9037395572 / 8072129714
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Coimbatore	Engineering	Civil Engineering	<p>Blast resistant structures,  Dynamic analysis of pavement,  Computational Geomechanics,  Reinforced Ground for pavement using geotextiles  Earthquake Engineering,  Structural Masonry,  Nonlinear Modeling of RC Structures,  *Geotechnical Engineering,  *Granular materials,  *Constitutive modeling  * Limit analysis,  *Geotextile reinforced soil,  *soil stabilization,  *clay liners,  *Concrete - material</p> <p>Structural Engineering and  Structural Health Monitoring</p>	Both	Dr. Prakash C	<a href="mailto:c_prakash@cb.amrita.edu">c_prakash@cb.amrita.edu</a>	9097801170
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Coimbatore	Engineering	Chemical Engineering	<ul style="list-style-type: none"> <li>*Biofuels from second generation and third generation biomass using suitable heterogenous catalyst and biocatalysts</li> <li>*Biodiesel from non-edible oil using heterogeneous and biocatalyst</li> <li>*Biodiesel from waste cooking oil and algal oil using heterogeneous catalyst and biocatalyst</li> <li>*Bioethanol from lignocellulosic biomass using biocatalyst</li> <li>*Pyrolysis of algal biomass to value added products</li> <li>*Drug delivery system</li> <li>*Photocatalytic degradation of Pollutants</li> <li>*Develop photocatalyst for the reduction of NOX</li> <li>*Develop a photocatalytic reactor for NOX reduction</li> <li>*Methane partial oxidation for syngas production with varied hydrogen content</li> <li>*Catalyst development for improving the hydrogen yield during partial oxidation</li> <li>*Catalyst development for direct</li> </ul>	Both	Dr.K.Jayanarayanan	kj_narayanan@cb.amrita.edu	9486418651
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Coimbatore	Engineering	Electrical and Electronics Engineering	<ul style="list-style-type: none"> <li>*Smart Grids: Dynamic Energy Management /Control and Stability Analysis of Micro-grids,</li> <li>*Power Electronics: Converter Topologies/Multiport Converters,</li> <li>*E-Mobility: Power Electronic Drives for Electric Vehicles/Charging infrastructure/Charging Systems/ Wireless Charging/ High Power WPT/Dynamic WPT Technologies</li> <li>*Biomass feedstock Characterization for bioenergy production through pyrolysis method,</li> <li>*System level Design, modelling and Implementation of Solar powered sustainable devices,</li> <li>*FEM based analysis, design and implementation of efficient Electric Vehicle motors</li> <li>*Competitive Electricity Markets: Pumped Storage Energy Trading, AI applications in Power System Studies on Renewable Energy Integration and EV Penetration, Biomedical Instrumentation-Ai based analysis of biomedical data</li> </ul>	Both	Dr. Supriya P	p_supriya@cb.amrita.edu	9944053755
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Coimbatore	Physical Sciences	Environmental Sciences	Natural Resources Management, Sustainable Development, Environmental Pollution, Environmental Assessment & Monitoring, Climate Action, Waste Management Water, Sanitation and Hygiene Biodiversity Conservation Community Development Disaster Management	Full Time	Dr. S. Rajendra Kumar	s_rajendrakumar@cb.amrita.edu	8903475890
Coimbatore	Engineering	Mechanical engineering	1. Ceramic - Metal Joining (Diffusion Bonding, Vacuum Brazing), 2. Graphite Metallization (Space Applications), 3. Sustainable Lubricants, 4. Electrochemically Active Anode Materials	Full Time	Dr.V.Ratnakishore	<a href="mailto:v_ratnakishore@cb.amrita.edu">v_ratnakishore@cb.amrita.edu</a>	8122957821

Coimbatore	Engineering	Aerospace Engineering	<p>Supersonic/Hypersonic Intake          Combustion in Subsonic and Supersonic flows          Superhydrophobic surfaces for biofouling, icing, and corrosion control applications.          Bio-inspired surfaces for aerodynamic efficiency enhancements in low and medium-range Reynolds number flows.          Compressible fluid flow          High-speed propulsion systems          Large Eddy Simulations          Hypersonic flows          Structural Health Monitoring          Fluid-structure interaction          Combat simulation modelling          Composite materials          Blast-proof composites          Composites for high-speed applications          Composite recycling          AI/ML Design method (fixed-wing UAV, Multicopter, Hybrid, Flapping wing, and unconventional UAV),          Dynamics and control of transitional/morphing UAV.          Aeroelasticity: Stochastic</p>	Both	Dr. Sakthivel	t_sakthivel@cb.amrita.edu	9003556868
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Coimbatore	Engineering	Chemical Engineering	<ul style="list-style-type: none"> <li>*Biofuels from second generation and third generation biomass using suitable heterogenous catalyst and biocatalysts</li> <li>*Biodiesel from non-edible oil using heterogeneous and biocatalyst</li> <li>*Biodiesel from waste cooking oil and algal oil using heterogeneous catalyst and biocatalyst</li> <li>*Bioethanol from lignocellulosic biomass using biocatalyst</li> <li>*Pyrolysis of algal biomass to value added products</li> <li>*Drug delivery system</li> <li>*Photocatalytic degradation of Pollutants</li> <li>*Develop photocatalyst for the reduction of NOX</li> <li>*Develop a photocatalytic reactor for NOX reduction</li> <li>*Methane partial oxidation for syngas production with varied hydrogen content</li> <li>*Catalyst development for improving the hydrogen yield during partial oxidation</li> <li>*Catalyst development for direct</li> </ul>	Both	Dr.K.Jayanarayanan	kj_narayanan@cb.amrita.edu	9486418651
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Coimbatore	Engineering	Materials Science and Engineering	<p>Electrochemical Energy conversion and storage</p> <p>a. Batteries: Si/MOF based anodes for lithium-ion batteries.</p> <p>b. Fuel Cells</p> <p>c. CO<sub>2</sub>RR - Carbon dioxide reduction reaction</p> <p>d. Hydrogen storage: MOF structures for hydrogen storage applications</p> <p>e. Hydrogen production: Continuous hydrogen production through Sodium borohydride hydrolysis.</p> <p>Advanced Materials for membrane fabrication in wastewater treatment</p> <p>Smart polymers</p> <p>Self-healing polymers</p> <p>Smart polymer ionogels</p> <p>Stimuli responsive polymers</p> <p>Sustainable chemicals and</p>	Both	Dr .K. Jayanarayanan	kj_narayanan@cb.amrita.edu	9486418651
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Coimbatore	Engineering	Electronics and Communication Engineering	Autonomous Driving / ADAS IoT communication and sensing systems Wireless Communication Networks and Security Biomedical signal and Image processing Machine Learning / Artificial Intelligence applications Hardware Security VLSI Design and Architecture Physical Design and Fabrication (VLSI) Battery Management Systems Embedded Systems & IoT Electric vehicles and Electrification Signal, Image and Video Processing Antenna Systems Software Defined Vehicles AI for healthcare and Biomedical applications Remote Sensing VLSI Testing & Security Radio Frequency & Microwave Engineering Automotive Electronics	Both	Dr. J. P. Anita	jp_anita@cb.amrita.edu	-2686052
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Coimbatore	Interdisciplinary Studies	Interdisciplinary Studies	<p>Corporate Governance and Regulatory Policy</p> <p>ESG Governance, Sustainability and Ethical Leadership</p> <p>Law, Business and Public Policy Interface</p> <p>Indian Knowledge Systems (IKS) in Leadership, Governance and Institutional Design</p> <p>AI, Digital Governance and Future of Work Regulation</p> <p>Competency Architecture and Human Capability Development Models</p> <p>Life Skills, Career Development and Employability Research</p> <p>Learning Science, Educational Psychology and Institutional Knowledge Design</p> <p>Tourism Policy, Medical Tourism Governance and Healthcare Management</p> <p>Interdisciplinary Legal-Management Research for Public Systems Innovation</p>	Both	Dr. Raghu Pradeep Nair	pn_raghu@cb.amrita.edu	9847145581
Coimbatore	Life Sciences	Environmental Sciences	<p>Environmental Science, Forest ecology and Biodiversity, Biological Invasions</p>	Both	Dr Jayanarayanan	m_maya@cb.amrita.edu	9489518865
Coimbatore	Management	Management	<p>corporate governance and board structure impact on firm performance</p>	Full Time	Dr. Suresh M (PhD chairperson)	g_sangeetha@cb.amrita.edu	969891133

Coimbatore	Physical Sciences	Mathematics	<p>Graph Theory,  Linear Algebra,  Data Science,  Computer Science,  Control system / Theory for  Dynamical systems in both integer  order and fractional order,  Stability analysis of Dynamical  Systems,  Qualitative behaviors of Stochastic  Differential equations,  Differential Equations and Fuzzy  Logic  Stability and Bifurcation analysis  of Dynamical System,  Fractional Dynamical Systems,  Data Driven Dynamical Systems  Mathematical Modelling of  Biological Systems,  Fractal Based Mathematical  modeling,  Optimization,  Post Quantum Cryptography,  Provable security,  federative learning for encrypted  data,  Design and analysis of Protocols o  based on twisted group rings,  LME twisted commutators</p>	Both	Dr. A.Vinodkumar	a_vinodkumar@cb.amrita.edu	9843453211
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Coimbatore	Physical Sciences	Chemistry	<ul style="list-style-type: none"> <li>*Corrosion protection-Polymer composite coatings,</li> <li>*Environmental science - Sustainable biodegradable packaging</li> <li>* Super capacitor,</li> <li>*CO2 absorption ,</li> <li>*Anticancer drug delivery</li> <li>*Synthesis of natural products,</li> <li>*Synthesis of control/defined polymers,</li> <li>*Synthesis of organic redox molecules for flow battery</li> </ul>	Full Time	Dr.P.V.Suneesh	pv_suneesh@cb.amrita.edu	9842355576
Coimbatore	Physical Sciences	Physics	<p>Formation of Vortex Droplets in Ultracold Atoms ,</p> <p>Entanglement Dynamics on High Performance Quantum Circuits ,</p> <p>Quantum Secret Sharing via GHZ state and W state,</p> <p>pn heterojunction-based photo rechargeable capacitor.</p> <p>Development of Metal oxide/MXene/perovskite heterostructures for energy storage applications</p> <p>Development of pervoskite based heterostructures for energy harvesting applications,</p> <p>Nano Materials, Thin Films, Energy Storage and a conversion,</p> <p>Theoretical Physics, Solar cell</p>	Full Time	Mani Ulaganathan	m_ulaganathan@cb.amrita.edu	9500379742

Coimbatore	Physical Sciences	Food Science and Nutrition	1. Food Packaging , 2. Food waste valorization , 3. Ethanobotanical studies, 4. Natural plant processing	Both	Dr. Tharani Devi	r_haripriya@cb.amrita.edu	9345289632
Coimbatore	Social and Behavioral Sciences	Social and Behavioral Sciences	Child Rights, Sustainable Development, Tribal Studies Child and Adolescent Mental Health Women and Health Technological inclusion in development, Education, SDG	Both	Dr. V. Priya	v_priya@cb.amrita.edu	9994007287

Faridabad	Artificial Intelligence	Artificial Intelligence and Data Science	<p>1)Artificial Intelligence &amp; Machine Learning: Ethical AI, Agentic AI, and Large Language Model (LLM) safety.</p> <p>2)Quantum Computing: Quantum cryptography, quantum algorithms, and neutral atom experiments.</p> <p>3)Cybersecurity: Blockchain security for healthcare/finance and privacy-preserving AI.</p> <p>4)Robotics &amp; Automation: Human-robot collaboration, soft robotics, and autonomous logistics.</p> <p>5)Data Science: Big data analytics, predictive modeling, and digital twins.</p> <p>6) AI- medicine interdisciplinary research</p>	Both	Dr. Lakshmi Mohandas	lakshmi.mohandas@dl.amrita.edu	9324289933
Faridabad	Social and Behavioral Sciences	Social and Behavioral Sciences	<ul style="list-style-type: none"> <li>- Gender Equality</li> <li>- Critical Masculinities</li> <li>- Sustainable Development Policy</li> <li>- Implementation Sciences</li> </ul>	Both	Dr. Christopher Coley	christopher@dl.amrita.edu	9745611949

Kochi	Arts Humanities & Commerce	Commerce and Management	Accounting and Financial Reporting Corporate Finance Banking and Financial Services Marketing Management Consumer Behavior Human Resource Management Organizational Behavior Operations Management Supply Chain Management Strategic Management Entrepreneurship Development International Business Sustainability and ESG Management	Full Time	Dr.PRASANTH A P	prasanthap@kh.amrita.edu	9539609489
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Kochi	Arts Humanities & Commerce	Visual Media and Communication	Development Communication Media Literacy New Media and Social Media Journalism and Mass Communication Film Studies Communication Technology and Digital Transformation Artificial Intelligence and Automation in Media Media Consumption and Audience Behavior Journalism and Technological Adaptation Social Media and Public Discourse	Full Time			
					Dr. S Dinesh Babu	dineshbabu@kh.amrita.	6380757547
Kochi	Arts Humanities & Commerce	Hindi	* Hindi Literature * Malayalam Literature * Sanskrit Literature * Cultural Education	Full Time	Dr Anupama C V	anupamacv@kh.amrita.edu	9496725277
Kochi	Computing	Computer Science and IT	Computational Biology, Computer Vision, Blockchain Technology, Climatology	Full Time	Dr. Vimina E R	viminaer@kh.amrita.edu	9388086868

Kochi	Life Sciences	Environmental Sciences	Hospital Waste Management & Sustainable Healthcare Systems Biomedical Waste Management and Segregation Behaviour Food Waste Management in Institutional Systems Life Cycle Assessment (LCA) of Waste Systems Greenhouse Gas (GHG) Accounting and Climate Impact of Healthcare Circular Economy Applications in Healthcare Infrastructure Environmental Performance Assessment of Healthcare Facilities Renewable Energy Integration in Healthcare (e.g., Solar PV) Waste-to-Energy and Waste Valorisation Technologies Systems Thinking and Integrated Environmental Management Climate-Resilient Healthcare Infrastructure	Part Time	Rajesh R R	rajeshrr@aims.amrita.edu	9539898133
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Kochi	Medical Sciences	Bio Sciences	<p>Nano Science  Bio Science  Biochemistry  Endocrinology  Diabetology  Integrative Medicine and Holistic Health Models,  Evidence-Based Ayurveda,  Clinical Naturopathy and Lifestyle Medicine,  Clinical Yoga Therapy and Yoga Research,  Neurophysiology and Neurocognitive Effects of Yoga,  Mindâ€™Body Medicine,  Preventive and Promotive Healthcare,  Chronic Disease Management through Integrative Approaches,  Integrative Oncology,  Pain Management and Rehabilitation through Acupuncture and Yoga,  Stress;Mental Health;and Psychosomatic Disorders,  Cardiometabolic Health and Lifestyle Interventions,  Womens Health in Integrative</p>	Both	<p>Sindhu C P  Dr Sudheeran  Kannoth</p>	<p>rakhimolrajan7@gmail.com  amathai@medical.aims.amrita.edu</p>	<p>8111871591/9447862677</p>
Kochi	Management	Managem ent		Both	Murali Venugopal	v_murale@asb.kochi.amrita.edu	9061361757

Kochi	Medical Sciences	Nursing	Diabetes in Pregnancy, Cardio Vascular - Oncology - Neonatal Nursing - Diabetes Mellitus - Dengue Fever - Adolescent Health - Reproductive Health - Respectful Maternity Care	Both	Dr. K.T.Moly	ktmoly@aims.amrita.edu	9447513383
Kochi	Physical Sciences	Physics	Material Science, Photothermal Spectroscopy	Full Time	Dr. Sreedevi R. Mohan	sreedevirmohan@kh.amrita.edu	8825467171
Kochi	Physical Sciences	Mathematics	Stability and Synchronization Analysis Nonlinear Impulsive Delay Differential Equations Impulsive Neural Networks with Time Delay Queueing Theory Graph Theory and Network Analysis	Full Time	Dr. T. Senthilkumar	tsenthilkumar@kh.amrita.edu	9890000000

Nagarcoil	Computing	Computer Science and Engineering	<p>Computer Vision and Deep Learning</p> <p>Data Science and Big Data Analytics</p> <p>Cybersecurity and Privacy</p> <p>Cloud Computing and Distributed Systems</p> <p>Internet of Things (IoT) and Edge Computing</p> <p>Blockchain and Secure Transactions</p> <p>Natural Language Processing and Knowledge Engineering</p> <p>Embedded Systems and Intelligent Robotics</p>	Both	Dr.V.Thanammal Indu	v_thanammalindu@nc.amrita.edu	6385773840
Nagarcoil	Engineering	Electronics and Communication Engineering	<ul style="list-style-type: none"> <li>. Biomedical Image and Signal Processing</li> <li>. VLSI Design</li> <li>. Embedded Systems</li> <li>. Machine Learning Based Diagnosis Systems Development</li> <li>. IoT</li> </ul>	Both	Dr. Mahesh Kumar S. V.	sv_maheshkumar@nc.amrita.edu	9894032760

Nagarcoil	Engineering	Mechanical engineering	Materials and Manufacturing Renewable Energy Systems Composites Additive manufacturing of advanced materials Smart and functional materials in manufacturing Solar thermal and photovoltaic systems Bio-based and natural fiber composites Self-healing materials Shape memory alloys and polymers Smart coatings and functional surfaces	Both	Dr.R.S.Jayaram	rs_jayaram@nc.amrita.edu	9080000000
Mysuru	Arts, Humanities and Commerce	Visual Communication	Journalism and Mass Communication	Both			
Mysuru	Arts Humanities & Commerce	English Language and Literature	Digital Humanities Computational Linguistics	Both	Rekha Bhat	rekhabhat@my.amrita.edu	9.48E+09
Mysuru	Arts Humanities & Commerce	Sanskrit	Sanskrit Literature Manuscriptology IKS / Indian Philosophy(Sankhya, Yoga, Nyaya, Vedanta) Vedic Studies Digital Humanities Computational Linguistics	Both	Dr. Srikanta Parida	srikantaparida@my.amrita.edu	8.44E+09

Mysuru	Physical Sciences	Chemistry	<ul style="list-style-type: none"> <li>1) Bioinorganic Chemistry</li> <li>2) Materials Chemistry</li> <li>3) Synthetic Chemistry</li> <li>4) Coordination Chemistry</li> <li>5) Chemical Biology</li> </ul>	Both	Shiva Prasad K	shivaprasad.k@my.amrita.edu	8.86E+09
Mysuru	Computing	Computer Science and IT	<ul style="list-style-type: none"> <li>AI for Autonomous Solution</li> <li>AI in Healthcare</li> <li>AI-driven, benchmark-guided robust image restoration</li> <li>Automotive Vehicle</li> <li>Autonomous Vehicles,</li> <li>Big Data</li> <li>Bioinformatics.</li> <li>Cloud Computing</li> <li>Cloud computing with emerging trends in healthcare and manufacturing</li> <li>Computational Biology</li> <li>Computer Aided Drug Discovery</li> <li>Computer Network Security</li> <li>Computer vision in Agriculture</li> <li>Cyber security and cryptography</li> <li>Environmental Science and AI</li> <li>Explainable AI (XAI) in clinical decision-making.</li> <li>Image Forensics</li> <li>Image processing and Pattern recognition.</li> <li>Industrial Internet of Things (IIoT)</li> <li>Intrusion detection and prevention systems leveraging emerging trends in vision transformers</li> </ul>	Both	Dr.Priya Govindarajan	priyagovindarajan@my.amrita.edu	+91 9940775508

Mysuru	Arts Humanities & Commerce	Commerce and Management	Banking and Finance E-commerce Startups Digital Marketing Entrepreneurship Fintech Informal Entrepreneurship Cooperatives Human Resource Management Entrepreneurship Education, Educational Psychology	Both	Dr.Gururaja B L	gururajbl.222@gmail.com	9.59E+09
Mysuru	Management	Management	* CSR, Sustainability, ESG * Behaviour Finance, Social Security, Gig Economy * Business Analytics, AI in Business * Computational Social Science * Social Media * HRM & OB * Marketing * Social Innovation * Social Entrepreneurship	Both	Shekar Babu	sb@amrita.edu	9.98E+09
Mysuru	Physical Sciences	Mathematics	(1) Graph Theory (2) Fractal theory of thermoelasticity	Both	Shiva Prasad K	shivaprasad.k@my.amrita.edu	8.86E+09