

**2024 - Consolidated Ph.D. Program List - Phase 1**

Campus	Faculty	Program List	Research Area
Amritapuri	Arts Humanities & Commerce	1 Philosophy	Philosophy (East and West)
			Ethics (East and West)
			Yoga
			Vyakarana (Sanskrit Grammar and Linguistics)
	Vedanta		
	Indian Knowledge Systems		
	Sanskrit Pedagogy, Sanskrit Language and Literature, Sanskrit Education		
	Tantra Philosophy		
	2 Commerce and Management		
	3 English Language and Literature		
	4 Special Education and Assistive Technology		
	Physical Sciences	1 Physics	Pedagogy, Physics and Engineering Education
			Astrophysics
			High-resolution forecasts of heavy rainfall
			Perovskite solar cell/ thin-film materials
	2 Chemistry		
	3 Environmental Sciences		
	4 Mathematics		
	Social and Behavioral Sciences	1 Social and Behavioral Sciences	
		2 Social Sciences and Technology	
		3 Cognitive Sciences and Technology	
	Computing	2 Computer Science and Engineering	
	Engineering	1 Electrical and Electronics Engineering	Smart grids and Electric vehicles
			AI and IoT applications in Power system
			Energy storage systems
			Robotics, Control and Automation
		Biomedical applications	
		2 Electronics and Communication Engineering	
		3 Mechanical Engineering	
		4 Cyber Security	
	5 Earth Sciences		
	6 Wireless Networks & Applications		
7 Biomedical Engineering & AI			
8 Neural Engineering			
Management	1 Management	Marketing	
		Finance	
		Operations	
		Organizational Behavior and Human Resources	
General Management			
Life Sciences	1 Biotechnology		
	2 Computational & Cognitive Neuroscience		
Interdisciplinary Studies	1 Interdisciplinary Studies		
	2 Sustainable Development	Gender Equality	
		Environment	
		Health & Well Being	
		Water & Sanitation	
		Livelihood	
		Agriculture	
		Climate Change & Risk Management	
Education			
Energy			
	1 Philosophy	Indian Knowledge Systems	

Campus	Faculty	Program List	Research Area	
Bengaluru	Arts Humanities & Commerce	2 English Language and Literature	English Language Teaching	
			Translation Studies	
			Postcolonial Literature	
			Indian Literature in Translation	
			Dalit Literature	
	Physical Sciences	1	Mathematics	
		2	Chemistry	
		3	Physics	
	Computing	1	Computer Science and Engineering	
	Engineering	1	Electrical and Electronics Engineering	
			Electronics and Communication Engineering	
		3	Mechanical Engineering	Smart and Advanced Manufacturing
				Artificial Intelligence & Machine Learning
				Robotics, Automation and IoT
				Product Lifecycle Management
				Product Development and Concurrent Engineering
				Supply Chain Management
				Composite and Advanced Materials
				Tribology
				Kinematics and Dynamics of Multi-body Systems
				Computational Mechanics and Simulation
				Environmental Engineering
				Renewable Energy and Sustainable Technologies
Heat Transfer				
Automobile Technology				
Management	1	Management	Marketing	
			Finance	
			Operations	
			Organizational Behavior and Human Resources	
			Economics	
			General Management	
			Public Health and Healthcare Management	
			Sociology of Management	
			Data Analytics	
Public Policy				
Interdisciplinary Studies	1	Interdisciplinary Studies		
	2	Sustainable Development	Gender Equality	
			Environment	
			Health & Well Being	
			Water & Sanitation	
			Livelihood	
			Agriculture	
			Climate Change & Risk Management	
			Education	
Energy				
Arts, Humanities & Commerce	1	Philosophy/Spirituality	Indian Knowledge Systems	
			Veda	
			Yoga	
			Vedanta	
			Vedanga- Vyakarana	
			Jyotisha/Indian Mathematics	
			Sanskrit literature	
			Rituals and Temple architecture	

Campus	Faculty	Program List	Research Area	
Coimbatore		2 English Language and Literature		
		3 Life Skills and Career Development		
		4 Communication		
	Physical Sciences	1 Mathematics		Statistics
				Computer Science
				Data Science
		2 Chemistry		
		3 Physics		
	4 Food Science & Nutrition			
	5 Environmental Sciences			
	Social & Behavioral Sciences	1 Social and Behavioural Sciences		Child Rights and Child Protection
				Violence against Women and Children
				Migration and children in Migration
				Community Organization- Community based interventions
				Solid Waste Management – Community Based Interventions
				Disaster Management
				Public Health
				Mental health and Interventions in Women, Children and Adolescents
				Geriatric Social Work
				Corporate Social Responsibility
				Work Life Balance in Social Sector and Corporate sector
				Social Progress and Social Policy
				Participatory Action Research for Rural Problems
				Youth Empowerment
				Women Empowerment
	Engineering	1 Electrical and Electronics Engineering		Condition Monitoring of Drives using AI and IoT
				Renewable Energy Assessment and Forecasting
				Cybersecurity, Bigdata Analytics and AI Applications to Smart Grid
			Energy Conservation, Management and Market Operation of Microgrid	
			Electric Vehicles (EV)	
			Battery Management Systems	
			Drives and control for EV and Renewable Energy	
			Embedded Solution for Agriculture, and Smart Grid	
			Low-power Embedded System Development	
			Autonomous and Connected Vehicles, Drones, and Robots	
			Cybersecurity in Connected Systems	
			AI/ML/TinyML/IoT solutions to Embedded Systems	
			Power Electronics	
	Power Converter Development			
	Variable Frequency Drives using Soft Computing/Machine Learning			

Campus	Faculty	Program List	Research Area		
			Heat Transfer Characteristics in Parabolic Trough Collector using Finite Element Method		
			FPGA for Control Applications		
			Controls and Instrumentation		
			Hyperspectral Image Processing		
			Signal and Image Processing for Agriculture and Medical Applications		
			Wireless Sensor Networks		
		2	Electronics and Communication Engineering		
		3	Chemical Engineering		
		4	Materials Science and Engineering		
		5	Mechanical Engineering		
	6	Aerospace Engineering			
	7	Civil Engineering	Structural Engineering		
			Environmental Engineering		
			Geo-technical and Geo Environmental Engineering		
			Water Resources Engineering		
			Remote Sensing and GIS		
	8	Cyber Security	Transportation Engineering		
	<b>Computing</b>	1	Computer Science and Engineering		
	<b>Artificial Intelligence</b>	2	Computational Engineering & Networking		
	<b>Management</b>	1	Management	Marketing	
Operations					
Organizational Behavior and Human Resources					
Management Strategy					
Economics					
General Management					
Entrepreneurship					
Finance					
Information Systems					
Education Management					
Healthcare Management					
Business Analytics					
<b>Interdisciplinary Studies</b>	1	Interdisciplinary Studies			
	2	Sustainable Development	Gender Equality		
			Environment		
			Health & Well Being		
			Water & Sanitation		
			Livelihood		
			Agriculture		
Climate Change & Risk Management					
Education					
Energy					
<b>Arts, Humanities &amp; Commerce</b>	1	Philosophy			
<b>Physical Sciences</b>	1	Mathematics			
			2	Chemistry	
			3	Physics	
			4	Bio Sciences	
<b>Computing</b>	1	Computer Science and Engineering			

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Chennai	Engineering	1	Electronics and Communication Engineering	
		2	Electrical and Electronics Engineering	
		3	Mechanical Engineering	
	Interdisciplinary Studies	1	Interdisciplinary Studies	Gender Equality
		2	Sustainable Development	Environment
				Health & Well Being
				Water & Sanitation
				Livelihood
				Agriculture
				Climate Change & Risk Management
Education				
		Energy		
Kochi	Arts, Humanities & Commerce	1	Hindi	
		2	Visual Media and Communication	Mass Communication and Journalism
				Animation Studies
				Environmental and Health Communication
				New Media
				Development Communication
				Visual Media
				Indian Aesthetics
				Photography
				Visual Arts
				Media Effects
				Audience Behaviour
				Gender Studies
	Media Ethics and Laws			
	Cinematography			
	Ethno Media Studies			
	Film Studies			
	3	Commerce and Management	General Management	
			Economics	
			Finance	
Behavioural Finance				
Marketing				
Human Resources				
Environmental Sciences				
Accounting				
Banking and Insurance				
Computing	1	Computer Science & IT	Computer Vision and Pattern Recognition	
			Machine Learning	
			Applied Mathematics	
			Data Mining	
Physical Sciences	1	Physics	Data Science	
			Advanced Functional Materials for Energy and Environmental Applications	
			Non Thermal Plasma for Agriculture and Medical Applications	
			Atomic Physics	
	2	Mathematics	Queuing Theory	
			Nonlinear Dynamical systems and control	
			Marketing	
			Finance	
			Operations	

Campus	Faculty	Program List	Research Area	
	Management	1 Management	Organizational Behavior and Human Resources	
			Management Strategy	
			Information Technology	
			Economics	
	Interdisciplinary Studies	2 Sustainable Development	1 Interdisciplinary Studies	Public Health
				Gender Equality
				Environment
				Health & Well Being
				Water & Sanitation
				Livelihood
Agriculture				
Climate Change & Risk Management				
Medical & Health Sciences	1 Medical & Health Sciences	2 Nursing	Education	
			Energy	
Mysuru	Arts, Humanities & Commerce	1 Visual Media		
		2 Sanskrit		
		3 Commerce & Management		
	Physical Sciences	1 Chemistry		
		2 Mathematics		
	Computing	1 Computer Science		
	Interdisciplinary Studies	2 Sustainable Development	1 Interdisciplinary Studies	Gender Equality
				Environment
				Health & Well Being
				Water & Sanitation
Livelihood				
Agriculture				
Climate Change & Risk Management				
Education				
Energy				
Amaravati	Physical Sciences	1 Mathematics		
	Computing	1 Computer Science and Engineering		
	Management	1 Management	Marketing	
			Finance	
			Operations	
			Organizational Behavior and Human Resources	
			General Management	
			Economics	
			Sociology of Management	
	Information Systems			
Arts, Humanities, and Commerce	1 English Language and Literature	Management Strategy		
		English Language Education (Pedagogy in English) including English for Specific Purposes		
		Applied Linguistics		
		English Literature and Translation studies		
	2 Philosophy \ Spirituality			
Engineering	1 Electronics and Communication Engineering			

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	Interdisciplinary Studies	1 Interdisciplinary Studies	
		2 Sustainable Development	Gender Equality
			Environment
			Health & Well Being
			Water & Sanitation
			Livelihood
			Agriculture
			Climate Change & Risk Management
			Education
			Energy
Faridabad	Medical & Health Sciences	1 Medical & Health Sciences	Hospital Operations (Management)
			Neuro opthal /glaucoma - opthal (Opthal)
			Radio Sensitivity & immune Oncology (RO)
			Parkinson and Movement disorder (Neurology)
			Neuro oncology (Neurology)
			Hypoxia physiology
			Epilepsy (Neurosurgery)
			Head injury /Spine injury (Neurosurgery)
			Cardiac Rehabilitation (CTVS)
			Molecular Biology of Gal bladder (Medical Oncology)
			Genetics of Dystonia and neurodegenerative disorders (Neurology)
			Audiology (ENT)
			Airway Surgery (ENT)
			Liquid Biopsy (Molecular Lab)
			AI in Dermatology (Dermatology)
			Hospital Epidemiology (Microbiology)
Pancreases oncology			