

Subject/Discipline wise Vacancies for PhD Programme 2021-22

While granting admission to candidates to Ph.D. programme, the Vishwakarma University Pune will strictly follow the Maharashtra State Reservation Policy.

Sr	Faculty	Department	Available research Areas	Total Vacancy			
1	Science and Technology	Mechanical Engineering	Energy Efficient water and sanitation Systems	4			
			System Engineering				
			Binary Liquid Processes				
			Energy efficient enabling systems for data centers				
			Energy efficient and Green Building structures				
			Systems engineering for effective energy				
			Operational and delivery excellence in the global environment				
			Refrigeration				
			Cryogenics				
			Non-conventional Energy Sources				
			Thermal systems				
			Heat Transfer Equipment				
			Vibration Analysis				
			Mechatronics				
		Robotics					
		Nanotechnology					
		Smart Materials					
					Computer Engineering	Internet of Things	3
		Mobile Computing					
		Cyber Security Distributed Computing					
		Cloud Computing					
		Machine Learning					
		Parallel programming					
		Computer Network					
		Computer Graphics					

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1	Science and Technology	Chemical Engineering	Nanotechnology	3
			Process Equipment Design	
			Water and Waste Water Treatment	
			Solar Thermal Energy Applications	
			Heat Transfer	
		Computer Science	Mobile Networks	6
			Machine Learning	
			Internet of Things	
			Soft Computing	
			Data Science	
			QoS	
			Network Security	
			Cyber Security	
		Mathematics	Computational Fluid Dynamics	3
			Heat and Mass Transfer	
			MHD boundary layer flows and Numerical analysis	
			Flow through Porous media	
		Statistics	Applied Statistics	4
			Generalized Order Statistics	
			Ordered Random Variables	
			Record Statistics	
		Chemistry	Water treatment	8
			Sustainable waste water treatment	
			Sustainable Process Design	
			Advanced treatment with natural materials	
			Green methods for waste removal	
			Design of experiments	
			Solid waste management	
Adsorption				
Sewage treatment				
Modelling and simulation				
Synthesis of organic/inorganic material				
Smart Sanitation and Hygiene practices				
Smart water management				
Green Chemistry				
Analytical Chemistry				
Sustainable Chemistry				

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Sr	Faculty	Department	Available research Areas	Total Vacancy
2	Faculty of Commerce and Management	Management	Digital Marketing	20
			New-age Customer Experiences	
			Segmentation and Consumer behavior	
			Use of Social Media	
			Marketing Research and Analytics	
			Service Marketing	
			Social Media Marketing	
			Entrepreneurship	
			SMEs	
			Data analytics	
			e governance	
			Knowledge Management	
			Competency Mapping	
			Consumer Behavior & Consumer psychology	
			Financial Management	
			Behavioral Finance	
			Personal Investment Management	
			Banking & Financial Services	
			Risk Management	
			Gender Equity	
			Human Resource Management	
			Organization Behavior	
			Leadership	
			Competency	
			Negotiation Analysis	
			Decision Science	
Pricing Theories				
Behavioral Decision Theory				
Digitalization of Business Models				
Retail Marketing: Private Labels, Mix Service quality				
Online Retail Business				
Retail Communication				
Branding of Services				

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Sr	Faculty	Department	Available research Areas	Total Vacancy
3	Faculty of Art & Design	Design	Advertising Design	6
			Branding	
			Visual arts	
			Graphic Design	
			Illustration	
			Indian Art and Crafts	
			Ethnography	
			Art History	
			Indian Culture	
			Visual Merchandising	
			Photography	
			Design Thinking	
			Animation and Advertising	
			Fine arts	
			Comparative study in Fine arts	
			Colour Theory	
			Interactive Design	
			Research in Design	
			Advertising Design	
			Advertising Media	
Communication Design				
Packaging Design				
Design and Aesthetics				
Applied Art				
Typography Lettering & Calligraphy				
4	Faculty of Law	Law and Governance	Victimology and Criminal Justice	1
			Criminology and Penology	
			Constitutional Law	
			Administrative Law	
			Criminal Law	
			Intellectual Property Law	
			Air and Space Law	
			Corporate Laws	
Environmental Laws				

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5	Faculty of Humanities and Social Sciences	Psychology	Positive Psychology	22
			Industrial Psychology	
			Cognitive Psychology	
			Personality and Psychological testing	
			Health Psychology	
			Migration	
			Attrition rate	
			Workplace engagement	
			Cognitive flexibility	
			Pay satisfaction	
			Resilience	
			Developmental Psychology	
			Counseling Psychology	
		Travel & Tourism	Travel and Tourism Studies	12
			Tourist Behaviour	
			Business Tourism,	
			Online Purchase Behaviour of Travellers	
			E-marketing	
			Tourism impacts	
			Tourism marketing	
		Tourism planning and development		
		Language Studies	Literature: British, African, Post-Modern, Feminist	4
Magical Realism				
Ecocriticism				
Music	Hindustani Music	16		
	Indian Music,			
	Performing Arts			
	Music Education			
Economics	Economics	8		
	Agricultural Economics			
6	Faculty of Library and Information Science	Library and Information Science	Electronic Media and Publications	2
			Open Source Resources	
			Library Management Tools and Techniques	
			Digital Library and services	
			Library Networking	
Publication Ethics				

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7	Faculty of Journalism, Media and Communication	Journalism & Mass Communication	Development Communication	5
			Empowerment Communication	
			Print and Online Media	
			New Media	
			Social Media	
			Journalism	
			Mass Communication	
			Media Ethics	
			Public Deliberation and Governance	
			Public Sphere	
			Deliberative democracy	
			Citizen participation communication and society	
8	Faculty of Interdisciplinary Studies (IDS)	Professional Studies	Computational Chemistry	14
			Medicinal Chemistry	
			Synthesis of bioactive molecules	
			Synthesis of organic/inorganic materials	
			Bioinorganic chemistry	
			Medicinal Chemistry	
			DNA Interaction studies	
			Hospital Pharmacy,	
			Pharmacy Informatics,	
			Pharmaceutical Technology,	
			Pharmacy Automation and Industrial Pharmacy	
		Yoga and Naturopathy	Biotechnology	4
			Botany	
			Naturopathy	