

## Subject/Discipline wise Vacancies for PhD Programme 2020-21

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	2		
			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	2		
			Cryogenics			
			Non-conventional Energy Sources			
			Thermal systems			
			Heat Transfer Equipment			
			Vibration Analysis	2		
			Mechatronics			
		Robotics				
		Smart Material and Structures				
				Computer Engineering	Human Computer Interactions	1
					Interactive learning spaces	
					User experience design	
		Software usability Engineering				
		Education Technology				
		Context aware computing	2			
		Internet of Things				
		Machine Learning				
		Cyber Security	2			
		Cloud Computing				
		Mobile Computing				
		Distributed Computing				
		Chemical Engineering	Clean Energy Sources	3		
			Novel Solar Selective Coating,			
			Direct Absorption Collectors			

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1	Science and Technology	Computer Science	Machine Learning	2
			Software Design Patterns	
			Privacy Preserving	
			Data Science	4
			Soft Computing	
		Mathematics	Computational Fluid Dynamics	5
			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 and Water Treatment	4
Adsorption Technique				
Modelling and Simulation				
Efficient Water and Sanitation systems				
Synthesis of organic/inorganic materials				

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Sr	Faculty	Department	Available research Areas	Total Vacancy
2	Faculty of Commerce and Management	Management	Negotiation Analysis	10
			Decision Science	
			Risk Management	
			Pricing Theories	
			Behavioral Decision Theory	
			Marketing Research	
			Consumer Behavior	
			Digital Marketing	
			New-age Customer Experiences	
			Social Media Marketing	
			Marketing Analytics	
			Digitalization of Business Models	
			Costumer psychology and Consumer behavior	
			Entrepreneurship	
			Retail Marketing: Private Labels, Mix Service quality	
			Online Retail Business	
			Retail Communication	
			Branding of Services	
			Consumer Behavior in Retail Sector.	
			Forensic Accounting	4
			Investigative Audits	
			Financial Management	
Corporate Finance				
MSME Financial Management				
Taxation & Laws	4			
Human Resource Management & OB				
Business Ethics and CSR				
Industrial Relations and Labour Enactment				

## Subject/Discipline wise Vacancies for PhD Programme 2020-21

Sr	Faculty	Department	Available research Areas	Total Vacancy
3	Faculty of Art & Design	Design	Animation and Advertising	12
			Advertising and Marketing	
			Branding	
			Visual Merchandising	
			Photography	
			Design Thinking	
			Visual arts	
			Fine arts	
			Comparative study in Fine arts	
			Colour Theory	
			Visual Art Education	
			Graphic Design	
			Interactive Design	
			Research in Design	
			Advertising Design	
			Advertising Media	
			Communication Design	
			Packaging Design	
			Design and Aesthetics	
Illustration				
Art and Crafts				
Branding and Designing				
Applied Art				
Typography Lettering & Calligraphy				
4	Faculty of Law	Law and Governance	Victimology and Criminal Justice	1
			Criminology and Penology	
			Constitutional Law	
			Administrative Law	
			Aviation Law	4
			Corporate Laws	
			Space Law	
			International Trade Laws.	

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5	Faculty of Journalism, Media and Communication	Journalism & Mass Communication	Civic Journalism	11
			Development Journalism	
			Empowerment Journalism	
			Media Ethics	
			Media Communication	
			Communication Research	
6	Faculty of Humanities and Social Sciences	Psychology	Positive Psychology	8
			Industrial Psychology	
			Cognitive Psychology	
			Personality	
			Psychological testing	
7	Faculty of Library and Information Science	Library and Information Science	Electronic Media and Publications	2
			Open Source Resources	
			ICT in Libraries	
			Library Management Tools and Techniques	
			Digital Library and services	
			Library Networking	
			Publication Ethics	
8	Faculty of Interdisciplinary Studies (IDS)	Professional Studies	Right Brain education	2
			E Governance and Administration	
			Business Analytics for decision making	
			Solid Waste Management in Smart Cities	
			Telecom Networks & Business	