

HIMACHAL PRADESH UNIVERSITY
(NAAC Accredited 'A' Grade University)
“Conduct Branch”

Date-sheet for Ph.D. Course Work (Physics, Chemistry, Mathematics, Zoology, and Biotechnology, Microbiology) examinations to be held in December, 2024

Evening Session

Time: 2:00 PM to 5:00 PM

Date	Subject	Course	Title of the Course
24.12.2024	Physics	PHYPHD-101	Research Methodology
	Chemistry	I	Research Methodology(Compulsory for all Specialization)
	Mathematics	A	Research Methodology for Mathematical Sciences (Compulsory)
	Botany/ Zoology	I	Techniques in Biological Research (Common for Botany/ Zoology)
	Biotechnology	I	Research Methodology and Project Management in Biotechnology
26.12.2024	Physics	PHYPHD-102	Mathematical Physics
	Chemistry	II	Any one of the following: -Inorganic Chemistry (<i>Advanced Inorganic Chemistry</i>) -Organic Chemistry (<i>Organic Synthesis</i>) -Physical Chemistry (<i>Kinetics of Fast Reactions and Advanced Electro Chemistry</i>)
	Zoology	II	(iii)-Advanced Topics in Muscle Physiology (iv) Advanced Topics in Cytogenetics and Molecular Genetics (vi) Advanced Topics in Entomology
	Botany	II	(iii) Advanced Topics in Applied Microbiology and Biotechnology (vi)Advanced Topics in Biodiversity, Bioprospecting Ethnobotany and sustainable Utilization of Plant Resources
	Mathematics	I II	Any one of the following: Hydrodynamic and Hydromagnetic Stability-I Hydrodynamic and Hydromagnetic Stability-II
	Biotechnology	II	(iii) Recombinant DNA-Technology
	Chemistry	III	Any one of the following: -Inorganic Chemistry(<i>Inorganic and Supramolecular Chemistry</i>) -Organic Chemistry (<i>Polymer Chemistry</i>) -Physical Chemistry (<i>Non-Equilibrium Physical Chemistry and Theoretical and Applied Aspects of Surfactant System</i>)
28.12.2024	Physics	PHYPHD-103(f)	Advanced Techniques for Material Characterization

Dated: Shimla-5, 17.12.2024

Examination Centre:

1. HPUBS (MBA Dept.), H.P. University, Shimla-171005.

Sd/-
Assistant Registrar (Conduct)

Sd/-
Controller of Examinations

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Date-sheet for Ph.D Course work (English, Hindi, Sanskrit, Psychology, Commerce, Geography, Political Science, Sociology, Education, Computer Science, Journalism & Mass Communication, Management Studies. Tourism Management and Examinations to be held in December, 2024
Session: Evening Time: 2:00PM to 5:00PM

Date	Subject	Course	Title of the Course
24.12.2024	English	I	Criticism & Research Methodology
	Hindi	I	Anusandhan ki Pravidhi aur Prakriya
	Sanskrit	I	Shodh Pravidhi, Pandulipi Vigyan, Veda, Vyakarana Tatha Bhasha Vigyan
	Psychology	I	Psychometrics and Research Designs
	Commerce	I	Research Methodology (Compulsory)
	Geography	I	Research Methodology in Geography
	Political Science	I	Research Methodology
	Education	I	Developing Perspectives of Present Education System in India
	Computer Science	PhD-CS-01	Research Methodology in Computer Science (Compulsory)
	Journalism & Mass Communication	1	Communication Research Methods
	Social Work	SW-101	Social work Research
	Tourism Management	I	Research Methodology (Compulsory)
	Sociology	SOC-101	Research Methods and Basic Statistics (Compulsory)
26.12.2024	English	II	i) World Fiction: Classic ii) Indian English Novel
	Hindi	II	iii) Swatantra Hindi Kavita (v)Hindi Upnyas
	Sanskrit	II	Darshan Tatha Sahitya Avam Sahitya Shastra
	Psychology	II	(a) Personality, Contemporary Theory and Research
	Commerce	2.2	Financial and Investment Management
		2.4	Personal Management
	Geography	II	Recent issues in Geographic Thought
	Political Science	II	Theories, Approaches and Concepts
	Education	II	Advanced Methodology of Educational Research
	Computer Science	PhD-E-02 PhD-E-04	Elective Subjects Any one the following:- Advanced Software Engineering (Elective) Advanced Network Technologies (Elective)
	Journalism & Mass Communication	2	Communication Research Trends
	Tourism Management		1. Fundamentals of Tourism (optional) 2. Tourism Marketing (Optional)
	Social Work	SW-102(a)	Social work Profession
	Sociology	SOC-102(a)	Sociology of Population Studies (Elective)

Dated: Shimla-5, the 17.12.2024

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