



श्री वेंकटेश्वर महाविद्यालय
दिल्ली विश्वविद्यालय
SRI VENKATESWARA COLLEGE
UNIVERSITY OF DELHI



TENTATIVE LIST OF GENERIC ELECTIVE (GE) AND DISCIPLINE SPECIFIC ELECTIVE (DSE) COURSES

ACADEMIC SESSION 2025-26

SEMESTER VII

List of Courses-GE for Honours and Program

S. No.	Department	Semester VII					
		GE Preference 1	Eligibility	Pre-requisite	GE Preference 2	Eligibility	Pre-requisite
1	Biochemistry	Gene Organization, Expression and Regulation	Science in Class XII	Must have studied Molecules of Life/Biomolecules			
2	Botany	Intelligent Systems in Plants	Class XII pass	NIL			
3	Chemistry	Bioinorganic Chemistry	Pass in Class XII	Basic Knowledge of Chemistry			
4	Commerce	E-Commerce	Pass in Class XII	NIL			
5	Economics	Principles of Microeconomics-II	Class XII pass	Principles of Microeconomics-I	Basic Development Economics	Class XII pass	Nil
6	Electronics	Internet of Things		Basic knowledge of digital circuits and idea about microprocessor			
7	English	Dystopian Writings	Class XII Pass	NA			
8	Hindi	हिंदी साहित्य का इतिहास (भाग 1)	12 th pass	NA			
9	History	History of Health and Medicine in India (For Hons and Prog)	3 years of NEP	NIL			
10	Mathematics	Topics in Multivariate Calculus	Class XII pass with Mathematics	Fundamentals of Calculus			
11	Physics	Waves and Optics	Class XII pass	NIL	Applied Dynamics	Class XII pass	NIL
12	Political Science	Women and Politics in India: Concepts and Debates	Class XII pass	NIL			
13	Sanskrit	Indian Religion and Culture (For Hons and Prog)	Class XII pass		Management Principles in Sanskrit (For Hons and Prog)	Class XII pass	
14	Sociology	Sociology of Globalisation	Class XII pass	NIL			



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15	Statistics	Nonparametric Methods	Class XII pass with Mathematics	Knowledge of hypothesis testing			
16	Zoology	Principles of Developmental Biology	XII Class	NIL			
17	EVS	Environment and Society	Class XII	NIL			
18	Physical Education	Introduction of Sports Training	12 th Pass				

List of Courses-DSE for Honours and Program

S. No.	Department	Semester VII								
		DSE 1	Eligibility	Pre-requisite	DSE 2	Eligibility	Pre-requisite	DSE 3	Eligibility	Pre-requisite
1	Biochemistry	Research Methodology			Molecular Basis of Infectious Diseases	Class XII with Science and Biology				
2	Botany	Biodiversity Informatics	Class XII pass	NIL	Environmental Biotechnology and Management	Class XII pass	NIL	Reproductive Ecology an	Class XII pass with Biology/Biotechnology	NIL
3	Chemistry	Research Methodology	Passed 12th Class with Science(Maths)	Nil	Advance Stereochemistry	Passed 12th Class with Physics, Chemistry, Maths	NIL	Advanced Molecular Spectroscopy and applications	Passed 12th Class with Science(Maths)	NIL
4	Commerce	Business Research Methodology (For Hons and Prog)	Passed Class XII	NIL	Integrated Marketing Communication (For Hons Only)	Passed in Class XII	Advertising	Marketing Research (For Hons Only)	Passed in Class XII	NIL
5	Economics	Research Methodology for Economics (For Hons and Prog)	Class XII	NIL	Environmental Economics (For Hons and Prog)	Class XII	ECON010-Intermediate Microeconomics II- Market, Government and Welfare	Advanced Econometrics (For Hons and Prog)	Class XII	ECON012-Introductory Econometrics (For Hons and Prog)
		Open Economy Macroeconomics (For Hons and Prog)	Class XII	ECON 011-Intermediate Macroeconomics II- Policy Issues	Economics of Health (For Hons and Prog)	Class XII	NIL			



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6	Electronics	Digital Communication System	Class XII passed with Physics + Mathematics/Applied Mathematics + Chemistry OR Physics + Mathematics/Applied Mathematics + Computer Science/Informatics Practices	NA	Introduction to Nanoscience	Class XII passed with Physics + Mathematics/Applied Mathematics + Chemistry OR Physics + Mathematics/Applied Mathematics + Computer Science/Informatics Practices	NA	Neural Networks and Deep Learning	Class XII passed with Physics + Mathematics/Applied Mathematics + Chemistry OR Physics + Mathematics/Applied Mathematics + Computer Science/Informatics Practices	NA
7	English	Research Methodology for English (For Hons Only)	Class XII	NA	20th Century European Fiction (For Hons Only)	Class XII pass	NA	Contemporary South Asian Literature (For Hons Only)	Class XII pass	NA
8	Hindi	शोध प्रविधि (For Hons Only)			कबीर दास (For Hons Only)			जय शंकर प्रसाद (For Hons Only)		
9	History	Fundamentals of Historical Methodology (For Hons and Prog)	3 years of NEP	NIL	Environmental History of the World (For Hons Only)	3 years of NEP	NIL			
10	Mathematics	Advanced Differential Equations	Class XII Passed with Mathematics	Multivariate Calculus, Ordinary and Partial Differential Equations	Fundamentals of Topology	Class XII Passed with Mathematics	Metric Spaces	Optimization	Class XII Passed with Mathematics	Multivariate Calculus
		Research Methodology (Only for those who didn't study RM in Sem VI)	Class XII Passed with Mathematics	NIL						
11	Physics	Research Methodology		Basic ICT related skills	Advanced Quantum Mechanics-I		Quantum Mechanics-I (DSC 14), Mathematical Physics III (DSC 7) or equivalent courses. Knowledge of			



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							Linear Algebra will be helpful.			
12	Political Science	Research Methodology (For Hons and Prog)	Class XII pass	NIL	Contemporary Debates in Indian Politics (For Hons and Prog)	Class XII pass	NIL	Understanding Human Rights (For Hons and Prog)	Class XII pass	NIL
13	Sanskrit	Indian Manuscriptology (For Hons Only)	12th Passed	Comparative religion in the context of Dharma (For Hons Only)		12th Passed		The tradition of Vedic commentaries	12th Passed	
14	Sociology	Digital Sociology (For Hons and Prog)	Class XII pass	NIL	Sociology of Food (For Hons and Prog)	Class XII pass	NIL	Research Methodology for Sociology (For Hons and Prog)	Class XII pass	NIL
15	Statistics	Financial Statistics (For Hons Only)	Class XII pass with Mathematics	Basic knowledge of Stochastic processes, Calculus and Probability theory and Financial markets	Advanced Theory of Biostatistics (For Hons Only)	Studied Biostatistics	Basic Knowledge of survival analysis and survival models (For Hons Only)	Research Methodology (for those who didn't study RM in the VIth Sem)	Class XII pass with Mathematics	NIL
16	Zoology	Advanced Biotechniques and Bioinstrumentation (For Hons and Life Science Prog)	Appeared in Sem VI	Basic understanding of molecular biology, biochemistry, and instrumentation techniques.	Ichthyology (For Hons and Life Science Prog)	Appeared in Semester VI	Basic understanding of physiology, reproduction and animal world.	Applied Entomology (For Hons and Life Science Prog)	Appeared in Sem VI	Basic understanding of Insect Biology and Animal World.
17	Biological Sciences	Research Methodology			Advanced Techniques in Biological Research			Plant Diseases and Management		



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List of Courses-DSE for Program Only

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		DSE 1	Eligibility	Pre-requisite	DSE 2	Eligibility	Pre-requisite	DSE 3	Eligibility	Pre-requisite
1	Commerce	International Finance (For Prog Only)	Pass in Class XII	NIL	Consumers Affairs & Sovereignty (For Prog Only)	Pass in Class XI	NIL	Integrated Marketing Communication (For Prog Only)	Passing Class XII	Advertising
2	Hindi	शोध प्रविधि (For Prog Only)			मीरा (For Prog Only)			हरिशंकर प्रसाद (For Prog Only)		
3	History	Migration and Indian Diaspora: Social and Cultural Histories (For Prog Only)	3 years of NEP	NIL	Communicating Culture: Tellings, Representation and Leisure (For Prog Only)	3 years of NEP	NIL			
4	Tamil	Literature of the Marginalized in Tamil (For Prog Only)	Students who have studied Tamil up to 8th class	NIL						
5	Life Science	Intellectual Property Rights (Botany) (For Life Science Prog Only)			Reproductive Ecology (Botany) (For Life Science Prog Only)			Biodiversity Informatics (Botany) (For Life Science Prog Only)		
		Advanced Stereochemistry (Chemistry) (For Life Science Prog Only)	Fifth Semester/Class 12th Chemistry	NIL	Industrial Chemicals and Environment (Chemistry) (For Life Science Prog Only)	Class 12th Chemistry	NIL	Molecular Spectroscopy (Chemistry) (For Life Science Prog Only)	Class 12th Chemistry	NIL


Dr Hari Singh
Convener, Generic Elective Courses Committee


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Principal
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