

Outline of Courses (Annual Pattern)

B.Sc. with Botany						
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits	
1 st Year	1	DSC-1A	BOTA 101	Biodiversity (Microbes, Algae Fungi and Archegoniates)	4+2=6	
	2	DSC-1B	BOTA 102	Plant ecology and Taxonomy	4+2=6	
2 nd Year	1	DSC-2A	BOTA 201	Plant Anatomy and Embryology	4+2=6	
	2	DSC-2B	BOTA 202	Plant Physiology and Metabolism	4+2=6	
	3	SEC-I	BOTA 203	Biofertilizers	4	
	4	SEC-II	BOTA 204	Gardening and Floriculture	4	
3 rd Year	1	DSC-3A	BOTA 301	Economic Botany and Biotechnology	4+2=6	
	2	DSC-3B	BOTA 303	Cell and Molecular Biology	4+2=6	
	3	SEC-III	BOTA 306	Medicinal Botany and Ethno botany	4	
	4	SEC-IV	BOTA 307	Mushroom Cultivation Technology	4	

B.Sc. with Chemistry					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	DSC-1A	CHEM 101	Atomic Structure, bonding, general organic chemistry & aliphatic hydrocarbons	4+2=6
	2	DSC-1B	CHEM 102	States of Matters, Chemical Kinetics & functional organic chemistry	4+2=6
2 nd Year	1	DSC-2A	CHEM 201	Solutions, Phase Equilibrium, Conductance, Electrochemistry & Organic Chemistry	4+2=6
	2	DSC-2B	CHEM 202	Chemistry of main group elements, chemical energetic and equilibria	4+2=6
	3	SEC-I	CHEM 203	Basic Analytical Chemistry	4
	4	SEC-II	CHEM 204	Fuel Chemistry & Chemistry of Cosmetics & perfumes	4
3 rd Year	1	DSC-3A	CHEM 301	Polynuclear hydrocarbons, dyes, heterocyclic compounds and spectroscopy (UV, IR, NMR)	4+2=6
	2	DSC-3B	CHEM 304	Chemistry of transition and inner transition elements, coordination chemistry, organomettals, acids & bases	4+2=6
	3	SEC-III	CHEM 307	Chemical technology & society and business skills for chemistry	4
	4	SEC-IV	CHEM 308	Pesticide chemistry & pharmaceutical chemistry	4

B.Sc. with Mathematics					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1st Year	1	DSC-1A	MATH 101	Differential Calculus	6
	2	DSC-1B	MATH 102	Differential Equations	6
2nd Year	1	DSC-2A	MATH 201	Real Analysis	6
	2	DSC-2B	MATH 202	Algebra	6
	3	SEC-I	MATH 309	Integral Calculus	4
	4	SEC-II	MATH 310	Vector Calculus	4
3rd Year	1	DSC-3A	MATH 303	Linear Algebra	6
	2	DSC-3B	MATH 304	Numerical Methods	6
	3	SEC-III	MATH 313	Probability and Statistics	4
	4	SEC-IV	MATH 316	Theory and Equations	4

B.Sc. with Physics					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1st Year	1	DSC-1A	PHYS 101	Mechanics	4+2=6
	2	DSC-1B	PHYS 102	Electrical and Magnetism- EMT	4+2=6
2nd Year	1	DSC-2A	PHYS 201	Statistical and Thermal Physics	4+2=6
	2	DSC-2B	PHYS 202	Wave and Optics	4+2=6
	3	SEC-I	PHYS 203	Physics Workshop Skills	4
	4	SEC-II	PHYSC 205	Electrical Circuits and Network Skills	4
3rd Year	1	DSC-3A	PHYS 301	Elements of Modern Physics	4+2=6
	2	DSC-3B	PHYS 304	Nuclear and Particle Physics	4+2=6
	3	SEC-III	PHYS 307	Radiation Safety	4
	4	SEC-IV	PHYS 310	Renewable energy and energy harvesting	4

B.Sc. with Zoology					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	DSC-1A	ZOOL 101	Animal Diversity	4+2=6
	2	DSC-1B	ZOOL 102	Comparative Anatomy and Development Biology of Vertebrates	4+2=6
2 nd Year	1	DSC-2A	ZOOL 201	Physiology and Biochemistry	4+2=6
	2	DSC-2B	ZOOL 202	Genetics and Evolutionary Biology	4+2=6
	3	SEC-I	ZOOL 203	Medical Diagnostics	4
	4	SEC-II	ZOOL 204	Apiculture	4
3 rd Year	1	DSC-3A	ZOOL 301(A)	Applied Zoology	4+2=6
	2	DSC-3B	ZOOL 302(C)	Reproductive Biology	4+2=6
	3	SEC-III	ZOOL 303	Sericulture	4
	4	SEC-IV	ZOOL 304(A)	Aquarium Fish Keeping	4

B.Com First Year				
Sr. No.	Type of Course	Course Code	Course Title	Credits
1	AECC 1		Environment Science	4
2	Core-1	BC 1.1	Financial Accounting	6
3	Core-2	BC 1.2	Business Organizations and Management	6
4	Core-3	ENG 101	English-1	6
5	Core-4	BC 1.3	Business Law	6
6	Core-5	BC 1.4	Business Statistics and Math	6
7	Core-6	HIND101	Hindi/SKT	6
B.Com Second Year				
Sr. No.	Type of Course	Course Code	Course Title	Credits
1	Core-7	BC 2.1	Company Law	6
2	Core-8	BC 2.2	Income Tax Law and Practice	6
3	Core-9	ENG201	English –II	6
4	SEC-1	BC 2.3	Computer Application in Business	4
5	Core-10	HIND 201	Hind-II	6

B.A. with Political Science					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1st Year	1	DSC-1A	POLS 101	Introduction to Political Theory	6
	2	DSC-1B	POLS 102	Indian Government and Politics	6
2nd Year	1	DSC-1C	POLS 201	Comparative Government and Politics	6
	2	DSC-1D	POLS 202	Introduction to international relations	6
	3	SEC-I	POLS 203	Legislative Support	4
	4	SEC-II	POLS 204	Public Opinion and Survey Research	4
3rd Year	1	DSE-1A	POLS 301(A)	Themes in Comparative Political Theory	6
			POLS301 (B)	Administration and Public Policy: Concept and theories	
	2	DSE-1B	POLS 302 (A)	Democracy and Governance	6
	3	SEC-3	POLS 303	Democratic Awareness Through Legal Literacy	4
	4	SEC-4	POLS 304	Conflict and Peace Building	4

B.A. with History					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	DSC-1A	HIST 101	History of India from the earliest time to 300 CE.	6
	2	DSC-1B	HIST 102	History of India from 300 CE to 1206	6
2 nd Year	1	DSC-1C	HIST 203	History of India from 1206 to 1707	6
	2	DSC-1D	HIST 204	History of India from 1707 to 1950	6
	3	SEC-I	HIST 213	Historical Tourism: Theory and Practice	4
	4	SEC-II	HIST 215	An Introduction to Archaeology	4
3 rd Year	1	DSE-1A	HIST(A)305	Modern and contemporary world history 1871-1919	6
	2	DSE-1B	HIST(A)307	Modern and contemporary world history-II 1919-1992	6
	3	SEC-3	HIST(A)317	Indian History and Culture	4
	4	SEC-4	HIST(A)319	Introduction to Indian Art	4
	5	GE-I	HIST(A)310	Social Religious Reform Movements in India (19 th and 20 th century)	6
	6	GE-IV	HIST(A)312	History of Himachal Pradesh 1815-1972	6

B.A. with Sanskrit					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	DSC-1A	SKT 101	संस्कृत कव्य	6
	2	DSC-1B	SKT 102	संस्कृत गद्य	6
2 nd Year	1	DSC-1C	SKT 201	संस्कृत नाटक	6
	2	DSC-1D	SKT 202	संस्कृत व्याकरण	6
	3	SEC-I	SKT 205	आयुर्वेद के मूल शिद्धान्त	4
	4	SEC-II	SKT 206	संस्कृत छंद एवम गायन	4
3 rd Year	1	DSC-1A	SKT-DSE-301	व्याप्त िखक ास क ा भ ारतीय	6
	2	DSC-1B	SKT-DSE-302	स ाहित्य समलोचन	6
	3	AECC/ SEC-3	SKT-AECC/SEC-305	भारतीय रं गाला	4

B.A. with Hindi					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	SKT/Hindi BA/BCom	HIND 101	प्रयोजनमूलक िहन्दी	6
	2	DSC-1A	HIND 102	िहन्दी साहित्य का इतिहास	6
	3	DSC-1B	HIND 103	मध्यकालीन िहन्दी किर्वता	6
2 nd Year	1	SKT/Hindi BA/BCom	HIND 201	अिनर्वायय िहन्दीरचना पुंज	6
	2	DSC-1C	HIND 202	अिनर्वायय िहन्दी किर्वता	6
	3	DSC-1D	HIND 203	िहन्दी गद्य किर्वता	6
	4	SEC-I	HIND 204	कायालय िहन्दी	4
	5	SEC-II	HIND 206	आन ुर्वाद िक्ता ान	4
3 rd Year	1	DSE-1A	HIND 305	लोक साहित्य	6
	2	DSE-1B	HIND 306	छायाबदोतर िहन्दी किर्वता	6
	3	SEC-3	HIND 301	रं ग आलेख एवम रं गमंच	4
	4	SEC-4	HIND 304	समाचार संकलन और लेखन	4

B.A. with Music					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	DSC-1A	MUSA101	Basic principles of Indian music and biographic of musicians	3
	2	DSC-1B	MUSA102	Practical (Stage Performance)	3
	3	DSC-1C	MUSA103	Theory of Indian Music and Biographic of Musicians	3
	4	DSC-1D	MUSA104	Practical (viva-voce)	3
2 nd Year	1	DSC-1E	MUSA201	Theory of Indian Music, ancient granthas & contribution of musicologists	3
	2	DSC-1F	MUSA202	Practical (Stage Performance)	3
	3	DSC-1G	MUSA203	Theory of Indian Music, Ancient granthas & contribution of musicologists	3
	4	DSC-1H	MUSA204	Practical (Viva-voce)	3
	5	SEC-I	MUSA205	Presentation and Documentation-I	4
	6	SEC-II	MUSA206	Presentation and Documentation-II	4
3 rd Year	1	DSE1A	MUSA303Th	Theory of Indian Music and Study of ancient Granthas and ragas Vocal/Ist	3
	2	DSE2A	MUSA304Pr	Practical Vocal/ Inst Hindustani Music	3

	3	SEC-I	ECONA204	Economics of rural development	4
	4	SEC-II	ECONA206	Demography	4

3 rd Year	1	DSC-1A	ECON(A)301	Indian Economy	6
	2	DSC-1B	ECON(A)305	Development Economics	6
	3	SEC-I	ECON(A)310	Public Finance	4
	4	SEC-II	ECON(A)311	Money and Banking	4

B.A. with Geography

Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1 st Year	1	CC-1	GEOGP101	Physical Geography	6
	2	CC-2	GEOGP102	General Geography	6
2 nd Year	1	CC-1	GEOGP201	Human Geography	6
	2	CC-2	GEOGP202	Environment Geography	6
	3	SEC-I	GEOGP203	Regional Planning and Development	4
	4	SEC-II	GEOGP204	Remote sensing & GPS	4

3 rd Year	1	DSE-1A	GEOGP303-1DSE	Geography of India	6
	2	DSE-1B	GEOGP304-1DSE	Disaster Management	6
	3	SEC-I	GEOGP301SEC	Geographic Information System	4
	4	SEC-II	GEOGP302SEC	Field Techniques and Survey based Report	4
	5	GE-I	GEOGP305GE	Disaster Risk Reduction	6
	6	GE-II	GEOGP306GE	Sustainability and Development	6

B.A. with English					
Class	Sr. No.	Type of Course	Course Code	Course Title	Credits
1st Year	1	Compulsory	ENG CE 101	English-1 Core Eng. For BA & BCom	4+2=6
	2	Core	ENG DSC102/ ENG Hons GE101	English Literature-1	4+2=6
	3	Core	ENG DSC 203/ ENG Hons GE102	English Literature-2	4+2=6
	4	CC-2	ENG AECC 104	Writing Skills	4+2=6
2nd Year	1	Compulsory	ENG CE 201	English-2 Core Eng for BA & BCom	4+2=6
	2	Core	ENG DSC202/ENG Hons. GE 203	British Literature	4+2=6
	3	Core	ENG DSC 203/ ENG Hons. GE 204	Literary Cross Currents	4+2=6
	4		ENG AEEC/ SEC 204	Creating writing, books and media reviews	4
	5		ENG AEEC/ SEC205	Translation of Studies and Principles of Translation	4
3rd Year	1	DSE-1A	ENGDSE-303	Soft Skills Economic Geography	6
	2	DSE-1B	ENGDSE-304	Academic Writing and Composition	6

3	AEEC/SEC	ENGAEEC/SEC301	Technical Writing	4
4	AEEC/SEC	ENGAEEC/SEC302	Business Communication	4



Principal
Dr. S. Radhakrishnan
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3	AEEC/SEC	ENGAEEC/SEC301	Technical Writing
4	AEEC/SEC	ENGAEEC/SEC302	Business Communication



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Principal
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