

**REVISED POOL OF COURSES TO BE INCLUDE IN SCHEME A & C
AS PER NEP 2020 CURRICULUM FRAMEWORK FOR UNDERGRADUATE PROGRAMMES**

Chaudhary Ranbir Singh University Jind
Subject: Chemistry

Semester	Course Type	Course Code	Nomenclature of paper	Credits	Credits		Contact hours	Internal Assessment Marks	End term Examination Marks	Total Marks	Examination hours
					Theory	Practical/ Tutorial					
1 st	SEC-1	B23-SEC-101	Office and Spreadsheet Tools Learning	3	2	1	2+2	15+5	35+20	75	3+3
		B23-SEC-102	Advance Spreadsheet Tools	3	2	1	2+2	15+5	35+20	75	3+3
		B23-SEC-103	Basic IT Tools	3	2	1	2+2	15+5	35+20	75	3+3
		B23-SEC-104	Essentials of Python	3	2	1	2+2	15+5	35+20	75	3+3
		B23-SEC-105	Introductory Course in R	3	2	1	2+2	15+5	35+20	75	3+3
		B23-SEC-106	Computer Programming in C	3	2	1	2+2	15+5	35+20	75	3+3
2 nd	SEC-2	B-23-SEC-205	Chemistry of fats, oils, paints & detergents	3	2	1	2+2	15+5	35+20	75	3+3
		B-23-	Chemistry Lab-	3	2	1	2+2	15+5	35+20	75	3+3

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		SEC-219	Maintenance and Handling								
		B-23-SEC-205(A)	Chemistry of Food Flavours, & Colorants	3	2	1	2+2	15+5	35+20	75	3+3
		B-23-SEC-219(A)	Analytical Chemistry	3	2	1	2+2	15+5	35+20	75	3+3
3 rd	SEC-3	B-23-SEC-307	Waste Management Techniques	3	2	1	2+2	15+5	35+20	75	3+3
		B-23-SEC-308	Food Adulteration Testing	3	2	1	2+2	15+5	35+20	75	3+3



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1	AEC-1	B23-AEC-1	English Language and Communication Skills: Level 1	2	2	0	2+0	15+0	35+0	50	3+0
		B23-PNB-AEC-141	Punjabi Language and Communication-I (ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੰਚਾਰ-I)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-AEC-131	Sanskrit Language and Communication-1 (संस्कृत भाषा एवं संप्रेषण-1)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-HIN-121	Hindi Language and Literature (हिंदी भाषा और साहित्य)	2	2	0	2+0	15+0	35+0	50	3+0

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2	AEC-2	B23-AEC-2	English Language and Communication Skills: Level 2	2	2	0	2+0	15+0	35+0	50	3+0
		B23-PNB-AEC-241	Punjabi Language and Communication-II (ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੰਚਾਰ-II)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-AEC-132	Sanskrit Language and Communication-2 (संस्कृत भाषा एवं संप्रेषण-2)	2	2	0	2+0	15+0	35+0	50	3+0
3	AEC-3	B23-AEC-3	English Language and Communication Skills: Level 3	2	2	0	2+0	15+0	35+0	50	3+0
		B23-PNB-AEC-341	Punjabi Language and Communication-III (ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੰਚਾਰ-III)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-AEC-133	Sanskrit Language and Communication-3 (संस्कृत भाषा एवं संप्रेषण-3)	2	2	0	2+0	15+0	35+0	50	3+0

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4	AEC-4	B23-AEC-4	English Language and Communication Skills: Level 4	2	2	0	2+0	15+0	35+0	50	3+0
		B23-PNB-AEC-441	Punjabi Language and Communication-IV (ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੰਚਾਰ-IV)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-AEC-134	Sanskrit Language and Communication-4 (संस्कृत भाषा एवं संप्रेषण-1)	2	2	0	2+0	15+0	35+0	50	3+0
		B23-HIN-421	Purposeful Hindi (प्रयोजनपरक हिंदी)	2	2	0	2+0	15+0	35+0	50	3+0



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					Theory	Practical/Tutorial					
1 st	VAC-1	B-21-VAC-101	Human Values and Ethics	2	2	0	2+0	15+0	35+0	50	3+0
2 nd	VAC-2	B-23-VAC-201	Environmental Studies	2	2	0	2+0	15+0	35+0	50	3+0
3 rd	VAC-3	B-23-VAC-301	Environment and Society	2	2	0	2+0	15+0	35+0	50	3+0
4 th	VAC-4	B-23-VAC-401	Chemistry In everyday life	2	2	0	2+0	15+0	35+0	50	3+0

- FOR SCHEME B, C ONLY