

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 | 2+2 | 15+5 | 35+20 | 75 | 3+3 | | | | | | |
| | | | | | | | B23-SEC-103 | Basic IT Tools | 3 | 2 | 2+2 | 15+5 | 35+20 | 75 | 3+3 | | | | |
| | | | | | | | | | B23-SEC-104 | Essentials of Python | 3 | 2 | 2+2 | 15+5 | 35+20 | 75 | 3+3 | | |
| | | | | | | | | | | | B23-SEC-105 | Introductory Course in R | 3 | 2 | 2+2 | 15+5 | 35+20 | 75 | 3+3 |
| | | | | | | | | | | | | | B23-SEC-106 | Computer Programming in C | 3 | 2 | 2+2 | 15+5 | 35+20 |
| 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 |

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20/01/2022

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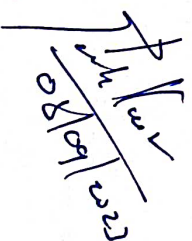
| | | | | | | | | | | | | | | | | | | |
|-----------------|-------|---------------|--------------------------|---|---|---|-----|------|-------|----|-----|--|--|--|--|--|--|--|
| | | SEC-219 | Maintenance and Handling | | | | | | | | | | | | | | | |
| 3 rd | SEC-3 | To be decided | To be decided | 3 | 2 | 1 | 2+2 | 15+5 | 35+20 | 75 | 3+3 | | | | | | | |

Prakash Kumar
08/09/2022

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|-------------|--|-----------------|--|---------|---------|------------------------|---------------|---------------------------|----------------------------|-------------|-------------------|
| | | | | | Theory | Practical/ Tutorial | | | | | |
| 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 |
| | | | | 2 | 2 | 0 | 2+0 | 15+0 | 35+0 | 50 | 3+0 |
| | | B23-PNB-AEC-141 | Punjabi Language and Communication-1 (ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਤੇ ਸੰਸਾਰ-1) | 2 | 2 | 0 | 2+0 | 15+0 | 35+0 | 50 | 3+0 |
| | | | | 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 | | |
| | | 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 |
| 3 | AEC-3 | 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 |
| | | 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 संचरण-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 | To be decided | To be decided* | 2 | 2 | 0 | 2+0 | 15+0 | 35+0 | 50 | 3+0 |
| 4 th | VAC-4 | To be decided | To be decided | 2 | 2 | 0 | 2+0 | 15+0 | 35+0 | 50 | 3+0 |