

Mandsaur University

2026 Scheme of Examination

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| Semester | V | BCA | System Administration and Cyber Security |
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| S. No. | Category | Theory/ Practical | Subject Code | Subject Name | Maximum Marks | | Hours/Week | | | Credits | Total Marks | Elective Information | | |
|--------------|------------|----------------------|----------------|---|--------------------|---------------------------------|------------|----------|-----------|-----------|-------------|----------------------|-----------------------|-----------------------|
| | | | | | End Sem Test (EST) | Internal Evaluation Through CCE | L | T | P | | | Base Code | Elective Subject Code | Elective Subject Name |
| 1 | Core-6 | Theory | 3SCS5-DC-001-T | Java Programming | 60 | 40 | 4 | - | - | 4 | 100 | | | |
| 2 | DSE-3 | Theory | 3SCS5-DE-002-T | Discipline Specific Elective-III | 60 | 40 | 4 | - | - | 4 | 100 | | | |
| 3 | Minor-5 | Theory | 3SCS5-DM-003-T | Cloud Security | 60 | 40 | 4 | - | - | 4 | 100 | | | |
| 4 | MD-3 | Theory | 3CSA5-MD-006-T | Entrepreneurship and Skill Development | 70 | 30 | 3 | - | - | 3 | 100 | | | |
| 5 | SEC-3 | Theory | 3SCS5-SE-004-T | Introduction to Artificial Intelligence | 60 | 40 | 3 | - | - | 3 | 100 | | | |
| 6 | AEC-5 | Practical | 3CSS5-AE-005-P | Soft Skills | 100 | - | - | - | 4 | 2 | 100 | | | |
| 7 | Core-6 | Practical | 3SCS5-DC-001-P | Java Programming Lab | 50 | 50 | - | - | 4 | 2 | 100 | | | |
| 8 | DSE-3 | Practical | 3SCS5-DE-002-P | Discipline Specific Elective-III Lab | 50 | 50 | - | - | 4 | 2 | 100 | | | |
| 9 | Internship | Practical | 3SCS5-SI-005-P | Summer Internship | 50 | 50 | - | - | 4 | 2 | 100 | | | |
| 10 | VAC-3 | | | Digital Technology | 70 | 30 | 2 | - | - | 2 | 100 | | | |
| Total | | | | | 630 | 370 | 20 | 0 | 16 | 28 | 700 | | | |

Discipline Specific Elective-III

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|-------------------|---------------------------|
| 3SCS5-DE-002-T-01 | Ethical Hacking |
| 3SCS5-DE-002-T-02 | Server less Computing |
| 3SCS5-DE-002-T-03 | Data Mining & Warehousing |

Discipline Specific Elective-III Lab

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|-------------------|-------------------------------|
| 3SCS5-DE-002-P-01 | Ethical Hacking Lab |
| 3SCS5-DE-002-P-02 | Server less Computing Lab |
| 3SCS5-DE-002-P-03 | Data Mining & Warehousing Lab |

Prepared by
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