## Sh. Manjeet Singh, Associate Professor in Mathematics
### Class- B.Sc ( Non-Medical) 2nd Semester
### Session - 2023-24
### Paper- Ordinary Differential Equation

| Sr. No. | Duration | Topic |
|---|---|---|
| 1 | 04 Jan 2024 to 20 Jan 2024 | Exact diff eq., I.F. First ordere higher degree equation |
| 2 | 21 Jan 2024 to 05 Feb 2024 | lagarange's equation , Clairaut's equation  Singular sol. |
| 3 | 06 Feb 2024 to 21 Feb 2024 | Linear diff. equation with constant cofficient |
| 4 | 22 Feb 2024 to 02 March 2024 | Homogenous linear ODE, Linear diff. equation of 2nd order. |
| 5 | 03 March 2024 to 10 March 2024 | Method of variations of parameter, Undetermined coeff. |
| 6 | 11 March 2024 to 17 March 2024 | Simultaneous diff. equ., Total diff. equ. |
| 7 | 18 March 2024 to 30 April 2024 | Revision |

## Sh. Manjeet Singh, Associate Professor in Mathematics
### Class- B.Sc ( Non-Medical) 4th Semester
### Session - 2023-24
### Paper- Sequences and Series

| Sr. No. | Duration | Topic |
|---|---|---|
| 1 | 04 Jan 2024 to 20 Jan 2024 | Topology of real numbers, Sequences |
| 2 | 21 Jan 2024 to 05 Feb 2024 | Infinite series |
| 3 | 06 Feb 2024 to 21 Feb 2024 | Infinite series |
| 4 | 22 Feb 2024 to 02 March 2024 | Alternating series |
| 5 | 03 March 2024 to 10 March 2024 | Arbitarary series |
| 6 | 11 March 2024 to 17 March 2024 | Infinite products |
| 7 | 18 March 2024 to 30 April 2024 | Revision |

## Sh. Manjeet Singh, Associate Professor in Mathematics
### Class- B.Sc ( Non-Medical) 6th Semester
### Session - 2023-24
### Paper- Linear Algebra

| Sr. No. | Duration | Topic |
|---|---|---|
| 1 | 04 Jan 2024 to 20 Jan 2024 | Vector space and sub spaces. |
| 2 | 21 Jan 2024 to 05 Feb 2024 | Basis and dimension, quotient space |
| 3 | 06 Feb 2024 to 21 Feb 2024 | LT, Rank and Nullity |
| 4 | 22 Feb 2024 to 02 March 2024 | Algebra of LT   Dual space |
| 5 | 03 March 2024 to 10 March 2024 | Inner product space |
| 6 | 11 March 2024 to 17 March 2024 | Linear operator on IPS |
| 7 | 18 March 2024 to 30 April 2024 | Revision |

## Sh. Manjeet Singh, Associate Professor in Mathematics
### Class- B.Com 2nd  Semester
### Session - 2023-24
### Paper- Business Mathematics

| Sr. No. | Duration | Topic |
|---|---|---|
| 1 | 04 Jan 2024 to 20 Jan 2024 | Matrices |
| 2 | 21 Jan 2024 to 05 Feb 2024 | Determinant |
| 3 | 06 Feb 2024 to 21 Feb 2024 | Inverse and solution of linear equations. |
| 4 | 22 Feb 2024 to 02 March 2024 | Differentiation |
| 5 | 03 March 2024 to 10 March 2024 | Compound Interest and Annuity |
| 6 | 11 March 2024 to 17 March 2024 | Percentage,  Loss and profit. |
| 7 | 18 March 2024 to 30 April 2024 | Revision |

(Manjeet Singh)

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