| Lecture Plan_Mathematics(Prayas) |                                       |                    |                    |
|----------------------------------|---------------------------------------|--------------------|--------------------|
| S.No                             | Chapter Name                          | Number of Lectures | Date of Completion |
| 1                                | Complex Numbers & Quadratic Equations | 14                 | 21-Nov-2020        |
| 2                                | Binomial Theorem                      | 5                  | 27-Nov-2020        |
| 3                                | Principle of Mathematical Induction   | 3                  | 1-Dec-2020         |
| 4                                | Permutations and Combinations         | 7                  | 9-Dec-2020         |
| 5                                | Sequences and Series                  | 7                  | 17-Dec-2020        |
| 6                                | Matrices                              | 2                  | 19-Dec-2020        |
| 7                                | Determinants                          | 4                  | 24-Dec-2020        |
| 8                                | Trigonometric Functions               | 16                 | 12-Jan-2021        |
| 9                                | Inverse Trigonometric Functions       | 6                  | 19-Jan-2021        |
| 10                               | Straight Lines                        | 6                  | 26-Jan-2021        |
| 11                               | Conic Sections                        | 15                 | 12-Feb-2021        |
| 12                               | Mathematical Reasoning                | 1                  | 13-Feb-2021        |
| 13                               | Sets (XI & XII)                       | 2                  | 16-Feb-2021        |
| 14                               | Relations and Functions (XI & XII)    | 6                  | 23-Feb-2021        |
| 15                               | Limits and Derivatives                | 4                  | 27-Feb-2021        |
| 16                               | Continuity and Differentiability      | 3                  | 3-Mar-2021         |
| 17                               | Applications of Derivatives           | 5                  | 9-Mar-2021         |
| 18                               | Integrals                             | 7                  | 17-Mar-2021        |
| 19                               | Applications of Integrals             | 2                  | 19-Mar-2021        |
| 20                               | Differential Equations                | 3                  | 23-Mar-2021        |
| 21                               | Vector Algebra                        | 3                  | 26-Mar-2021        |
| 22                               | Three Dimensional Geometry (XI & XII) | 3                  | 30-Mar-2021        |
| 23                               | Probability (XI & XII)                | 4                  | 3-Apr-2021         |
| 24                               | Statistics                            | 1                  | 5-Apr-2021         |
|                                  | Total Lecture                         | 129                |                    |