| Lesson plan of Mathematics (2020-2021)  **B.Sc. -3rd sem ( statics)** |  |
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| **WEEKS** |  **CHAPTER** |  |
| 1 | Composition and resolution of forces. |  |
| 2 | Parallel forces |  |
| 3 | Moments and Couples |  |
| 4 | Analytical conditions of equilibrium of coplanar forces. |  |
| 5 | Friction |  |
| 6 | Centre of Gravity |  |
| 7 | Virtual work |  |
| 8 | Forces in three dimensions |  |
| 9 | Poinsots central axis |  |
| 10 | Wrenches |  |
| 11 | Null lines and planes |  |
| 12 | Stable and unstable equilibrium |  |