| DISCIPLINE:ALL BRANCH | SEMESTER: <br> 2ND Sem | NAME OF THE TEACHING FACULTY: ABHILASH HOTA |  |  |
| :---: | :---: | :---: | :---: | :---: |
| SUBJECT: <br> ENGINEERING MATHEMATICS II | No of Days/Per week class allotted: 5 Class P/W(75) | Semester From Date:20/03/2023 <br> To Date:27/06/2023 <br> No. Of Weeks: 15 |  |  |
| WEEK | CLASS DAY | THEORY TOPICS PART-1 (VECTOR ALGEBRA) | REMARKS |  |
|  | st <br>  <br>  | Introduction | Date | Dean/Prin cipal |
| $1_{\text {st }}$ | 2 nd | Types of vectors (null vector, parallel vector, collinear vectors) (in component form ) |  |  |
|  | 3 rd | Types of vectors (null vector, parallel vector, collinear vectors) (in component form ) |  |  |
|  | 4th | Types of vectors (null vector, parallel vector, collinear vectors) (in component form ) |  |  |
|  | 5 th | Representation of vector |  |  |
| 2 nd | $1_{\text {st }}$ | Magnitude and direction of vectors |  |  |
|  | 2 nd | Addition and subtraction of vectors |  |  |
|  | 3 rd | Position vector |  |  |
|  | 4th | Scalar product of two vectors |  |  |











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