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|  | | JSPM's, | | | | |
| Bhivarabai Sawant Instt. Of Technology and Research, Wagholi, Pune. | | | | |
| **Department Of Computer Engineering** | | | | |
| **Academic Year :** 2020-21 **Sem. - I Class :** BE **Div : ABC** | | | | |
| **Sub :** 410243**:**  Data Analytics **Name Of Faculty: Prof.J.Parate** | | | | | | |
| **Teaching Scheme** | | | | **Credit** | **Examination Scheme** | |
| **TH:**  03 Hours/Week | | | | 3 | In semester Assessment: 30 | |
| End Semester Assessment : 70 | |
| **Prerequisite Courses:** 310242-Database Management Systems | | | | | | |
| **Course Objectives:**   * To develop problem solving abilities using Mathematics * To apply algorithmic strategies while solving problems * To develop time and space efficient algorithms * To study algorithmic examples in distributed, concurrent and parallel environments    | | | | | | |
| **Course Outcomes:**  On completion of the course, student will be able to–   * To write case studies in Business Analytic and Intelligence using mathematical models. * To present a survey on applications for Business Analytic and Intelligence. * To write problem solutions for multi-core or distributed, concurrent/Parallel environments | | | | | | |
|  | **Basic Data Analytic Methods**  **Assignment No.02** | | | | | |
| **Q.1** | Expalain Statistical Methods for Evaluation with Hypothesis testing and difference of means. | | | | | |
| **Q.2** | Write Short Note On : 1. wilcoxon rank–sum test 2. type 1 type 2 errors | | | | | |
| **Q.3** | Write Short Note On : 1. power and sample size 2. ANNOVA | | | | | |
| **Q.4** | Explain Clustering in details. | | | | | |
| **Q.5** | Explain K-Means with example. | | | | | |
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| **Subject Incharge** | | |  | | |  |