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| https://encrypted-tbn2.gstatic.com/images?q=tbn:ANd9GcRgBCZWEAl9b9vqhYsQKq2pAQXu3gxkUE0LY-jmf9bw16Y7Poc3clQmjRTe | **BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT**  YELAHANKA – BANGALORE - 119  DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING  **Program Assessment Committee(PAC)** |

**Minutes of Meeting with PAC (2025-26)**

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| **Date:** | |  | | | | | |
| **Time:** | |  | | | | | |
| **Course Name** | | **Previous Course Coordinators** | **Current Course Coordinators** | **Chief Course Coordinator** | | | **Module Coordinator** |
|  |  | |  |  | |
| BIG DATA ANALYTICS– 17CS82 | |  | | | | | |
| **Sl.No** | **Discussion** | | | | | | |
| 1 | **Agenda:** Course Outcomes, CO – PO – PSO Mapping, Gap Identification for BIG DATA ANALYTICS– 15CS82. | | | | | | |
| 2 | The **Course Outcomes (COs)** for BIG DATA ANALYTICS– 15CS82 previous CO’s are as follows:  **CO1:** Understand Hadoop Distributed File system and examine MapReduce Programming  **CO2:** Explore Hadoop tools and manage Hadoop with Ambari  **CO3:** Appraise the role of Business intelligence and its applications across industries  **CO4:** Assess core data mining techniques for data analytics  **CO5:** Identify various Text Mining techniques  **COs attainment values for previous year:**  **Targets for all CO’s is 3**   |  |  |  | | --- | --- | --- | | CO’s | Attained Values | Observations | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  | |  |  |  |   **POs and PSOs attainment values for previous year:**   |  |  |  |  | | --- | --- | --- | --- | | PO’s/PSO’s | Target Values | Attained Values | Observations | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  |   **GAP analysis of CO’s, POs and PSOs and Action to be taken to attain CO’s, POs and PSOs.**  **1.**  **2.**  **3. etc.** | | | | | | |
| 3 | **Student centric activity planned to bridge the gap (CCA)**  -It was decided to students to know different Machine Learning algorithms and its Implementation by using modern tools and a report has to be presented on the same.Note: Mention CO and POs mapped. | | | | | | |

**CO’s and its mapping to PO’s/PSO’s (Current)::**

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| **CO** | **PO1** | **PO2** | **PO3** | **PO4** | **PO5** | **PO6** | **PO7** | **PO8** | **PO9** | **PO**  **10** | **PO**  **11** | **PSO1** | **PSO2** |
| CO1: **Master the concepts of HDFS and MapReduce framework.** | 3 |  |  |  |  |  |  |  |  |  |  | 3 |  |
| CO2: **Investigate Hadoop related tools for Big data analytics and perform basic Hadoop administration.** |  | 3 |  |  |  |  |  |  |  |  |  |  | 2 |
| CO3: **Contrast the role of business intelligence data ware housing and visualization in decision making.** |  | 3 |  |  |  |  |  |  |  | 2 |  | 3 |  |
| CO4: **Infer the importance of core data mining techniques for data analytics.** |  |  | 3 |  | 2 |  |  |  |  |  |  | 3 |  |
| CO5: **Compare and contrast different Text Mining Techniques.** |  |  | 3 |  |  |  |  |  |  |  |  |  | 2 |

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| **Justification for Mapping** | **Remark** |
| **CO - PO – PSO Mapping**   * CO1 is mapped to PO1 since CO1 discusses about the understanding levels. * CO2 is mapped to PO2– Apply level – K3, Questions will be asked in such a way that the students have to apply any of the application related to HDFS to the given state of situation. * CO3 is mapped to PO2, PO10 & PO12- Apply and Analyze level – K3 and K4. Questions will be asked in such a way that the students have to apply any of the Concepts related to NoSQL and contrast its applications in Bigdata. * CO4 is mapped to PO3 and PO5– Analysis level – K4. Case study Questions will be asked in such a way that the students have to analyse based on the study materials provided. * CO5 is mapped to PO3. Analyze the questions of level K4. The students have to select a particular Machine Learning Model by giving proper justification and implement the same. * CO1, CO3 and CO4 are mapped to PSO1 CO2 and CO5 is mapped to PSO2 - Analyse level – K4 & Develop level – K5. | **CO1 is mapped to PO1 is 3 .**  **CO2 is mapped to PO2 is 3**  **CO3 is mapped to PO2 is 3, PO10 is 2 and PO12 is 2**  **CO4 is mapped to PO3 is 3 and PO5 is 2**  **CO5 is mapped to PO3 is 3.** |

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| **Course Coordinators** | **Module Coordinator** | **Program Coordinator** | **HOD** |
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