

**MCA - SEMI 8110 Full time Industry Project and Seminar**

**University Of Petroleum and Energy Studies**

**P.O. Bidholi, Via-Prem Nagar DEHRADUN-248007**

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|  | **SAP ID** | **Enrollment No.** | **Name** | | | **Batch** | **Signature** |
| **500106837** | **R271222054** | **AKASH PANWAR** | | | **B1 - AIML** |  |
| **Industry Details** | Known for its significant contributions to the IT industry, International Business Machines Corporation, or IBM, is a well- known international technology leader. With expertise in areas like cloud computing, corporate consulting, and artificial intelligence, IBM has consistently set the standard for technical innovation. With its roots in the early 20th century, IBM has had a big impact on how the computing industry has grown and how modern businesses are sprint. The company's commitment to research and development in cutting-edge technologies like blockchain and quantum computing has made it a significant participant in the tech sector. | | | | | | |
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| **Abstract of Project** | **TOPIC 1: Build an Al powered recommendation system for a music streaming platform**  In order to improve user experience and engagement, this project provides an AI-powered recommendation system designed specifically for a music streaming platform. It does this by using content-based approaches and collaborative filtering to provide personalized song recommendations.  **TOPIC 2: Create a machine learning model to predict the sentiment of movie reviews and recommend films to users based on their preferences.**  The goal of this project is to create a machine learning model for sentiment analysis of movie reviews. This model will then be used to suggest movies based on user preferences, improving the movie-watching experience. | | | | | | |
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| **Objective** | **TOPIC 1:** The goal is to create a recommendation system driven by AI for a music streaming service that will increase user happiness and engagement by offering tailored music suggestions based on user behavior and preferences**.**  **TOPIC 2:** Develop a machine learning model to accurately predict sentiment in movie reviews and leverage this model to recommend films tailored to individual user preferences, enhancing their movie-watching experience. | | | | | | |
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|  |  | | | **Activity Coordinator** | | | |
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| **Overall Marks** | **Internship Confirmation** | **Mid Semester Seminar on Domain Area** | **End Semester**  **Presentation on**  **Project & Experience** | **Internship Report** | **Special Awards**  **/ Publications / Patent** | **Total** | **Activity Coordinator** |
| **20 Marks** | **20 Marks** | **30 Marks** | **20 MARKS** | **10 MARKS** | **100 MARKS** |
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| **Mid- Term Seminar on Domain Area** | | | | | | | |
|  | **Contribution of work (10)** | | | **Knowledge of Subject (10)** | | | **Total Marks ( 20)** |
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| Panel Remark | **Reviewer 1(Name & Signature)** | | | **Reviewer 2(Name & Signature)** | | | |
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| **End Semester Presentation on Project & Experience** | | | | | | | |
|  | **Organization of Presentation**  **(10 marks)** | | **Knowledge of the Project(10**  **Marks)** | | **Conclusions, Novelty, Future**  **Enhancements (10 Marks)** | | **Total Marks**  **(30)** |
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| Panel Remark | **Reviewer 1(Name & Signature)** | | | **Reviewer 2(Name & Signature)** | | | |
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