**Project Approval Form Group No.:** 20

**Course: B. Tech (CSE-AIML) Session:** 2023-24

**Project Title:** Predict Tinder Matches with Machine Learning

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| **Project Group Details** | | | | | | | |
| **#** | **University**  **Roll No.** | **Sec** | **Class**  **Roll No.** | **Student’s Name** | **CPI**  **(Upto VI Sem )** | **Mob. No.** | **Sign** |
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| 2. | 201550062 | M | 26 | Himanshu Sharma | 8.40 | 7906419095 |  |
| 3. | 201550105 | M | 43 | Preeti Yadav | 8.01 | 8168226011 |  |
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| **Supervisor’s Details** | | | |
| **Name** | **Designation** | **Contact No.** | **Project Meeting Time** |
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***ABSTRACT***

(150 words)

Predicting Tinder matches with machine learning involves utilizing advanced algorithms such as cosine similarity and Bhartiya Jyotish Shastra to determine the compatibility between users based on their profiles. The process begins with collecting and preprocessing user data, focusing on key attributes such as interests and preferences. Cosine similarity is then employed to measure the similarity between user profiles, facilitating the generation of potential match recommendations. Additionally, Bhartiya Jyotish Shastra is utilized to calculate a compatibility score based on astrological principles, further enhancing the matchmaking process. By leveraging these methodologies, the project aims to enhance the user experience on dating platforms by providing personalized and accurate match suggestions, ultimately fostering meaningful connections between users.

Supervisor’s Sign: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: 15-09-2023

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Panel’s Suggestions/Remarks:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| **Details of Project Approval Panel** | | | |
| **#** | **Panel Member’s Name** | **Approved (Yes/No)** | **Sign** |
| **1.** |  |  |  |
| **2.** |  |  |
| **3.** |  |  |

**Date**: (**Signature of Project In-charge**)