BIRLA INSTITUTE OF TECHNOLOGY AND SCIENCE, PILANI
DUBAI CAMPUS

INSTRUCTION DIVISION

Format for Project Proposal for Project Type Courses in the IInd Semester 2021-2022

Name and ID No.: AHMED THAHIR,   2020A7PS0198U

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Project number: 20210512

Project type: STUDY PROJECT

Course No.:   CS F266

Project title: Study Project on Sports Data Analytics and Performance Prediction

Project scope and objectives: The project will involve researching how to 1. Analyze sports data 2. Obtain useful insights from data 3. Identify the quality of a player/team and find undervalued players 4. Predict player/team performance, by using Machine Learning techniques on sports datasets 5. Optimize player/team training, recovery, and performance using above the concepts

Project proposed methodology: 1. Gather data from sports databases and other sources 2. Read and summarize recent journals, reports and conference papers 3. Find and implement algorithm(s) that have been used for analysis in the above research 4. Use Python for the implementation, as it is open source 5. Test the implementation against real dataset(s)

Have you done this kind of project earlier: NO

Type of elective to be considered for this project (Tick only one):   Discipline elective / Open elective / Humanities elective

I have done 0 number of projects earlier and I am planning to take this project as regular / additional course.

Signature of the student 11/22/2021

Name and ID No.: AHMED THAHIR, 2020A7PS0198U

Signature of the Instructor

Faculty name: DR. RAJA MUTHALAGU

Signature of the HoD

HoD name: DR. RAJA MUTHALAGU

Note: Students should keep a Xerox copy of this filled form.

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