



**DAYANANDA SAGAR UNIVERSITY**

**School of Engineering**  
**Department of Computer Science & Engineering**

Kudlu Gate, Bangalore –560068  
Karnataka, India

**CERTIFICATE**

This is to certify that the Special Topic 2 titled “**Expected Goals Model in Football Analytics**” is carried out by **Alan Joshy Thomas (ENG20CS0023)**, **Kiran Thomas V (ENG20CS0157)**, **Ivan Reni Varghese (ENG20AM0031)** bonafide students of Bachelor of Technology in Computer Science and Engineering at the School of Engineering, Dayananda Sagar University, Bangalore in partial fulfilment for the award of degree in Bachelor of Technology in Computer Science and Engineering, during the year **2022-2023**.

**Dr. Tina Babu**

Assistant Professor  
Dept. of CSE,  
School of Engineering  
Dayananda Sagar University

Date:

**Dr. Girisha G S**

Chairman, CSE  
School of Engineering  
Dayananda Sagar University

Date:

**Dr. Uday Kumar Reddy  
K R**

Dean  
School of Engineering  
Dayananda Sagar  
University

Date:

**Name of the Examiner**

**Signature of Examiner**

1.

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This is to certify that the Special Topic 2 titled “**Expected Goals Model in Football Analytics**” is carried out by **Ivan Reni Varghese (ENG20AM0031)** bonafide student of Bachelor of Technology in Computer Science and Engineering at the School of Engineering, Dayananda Sagar University, Bangalore in partial fulfilment for the award of degree in Bachelor of Technology in Computer Science and Engineering, during the year **2022-2023**.

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