** Personalized Insulin Dose Prediction Using a Hybrid LSTM-GRU Architecture**

*MINI PROJECT-I REPORT submitted in partial fulfillment of the requirements*

*for the Award of the Degree of*

**BACHELOR OF TECHNOLOGY**

**In**

**INFORMATION TECHNOLOGY**

**By**

**NAME (given name and surname) ROLLNUMBER**

**NAME (given name and surname) ROLLNUMBER**

**NAME (given name and surname) ROLLNUMBER**

*Under the Guidance of*

**Guide Name, Highest degree**

**Designation**

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**DEPARTMENT OF INFORMATION TECHNOLOGY**

**V R SIDDHARTHA ENGINEERING COLLEGE**

**(AUTONOMOUS - AFFILIATED TO JNTU-K, KAKINADA)**

**Approved by AICTE &Accredited by NBA**

**KANURU, VIJAYAWADA-520007**

**ACADEMIC YEAR**

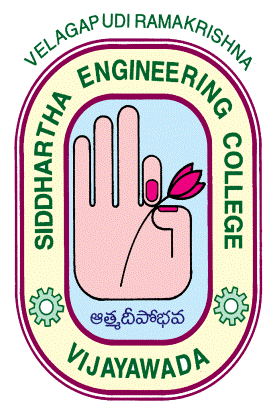
**(2024-25)**

**V.R.SIDDHARTHA ENGINEERING COLLEGE**

(Affiliated to JNTUK: Kakinada, Approved by AICTE, Autonomous)

(An ISO certified and NBA accredited institution)

Kanuru, Vijayawada – 520007



**CERTIFICATE**

This is to certify that this project report titled **“Personalized Insulin Dose Prediction Using a Hybrid LSTM-GRU Architecture”** is a bonafide record of work done by **NAME (ROLL NUMBER), NAME (ROLL NUMBER) and NAME (ROLL NUMBER)** under my guidance and supervision is submitted in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Information Technology, **V.R. Siddhartha Engineering College** (Autonomous under JNTUK) during the year 2024-25.

**(Guide Name)** (**Dr. M. Suneetha)**

Designation Dean R&D, Professor &Head

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**EXTERNAL EXAMINER** **SIGNATURE**

*Date of examination:dd-mm-yy*

**DEPARTMENT OF INFORMATION TECHNOLOGY**

**V.R.SIDDHARTHA ENGINEERING COLLEGE**

**PROJECT SUMMARY**

|  |  |  |
| --- | --- | --- |
| S.No | Item | Description |
| 1 | **Project Title** |  |
| 2 | **Student Names & Numbers** |  |
| 3 | **Name of The Guide** |  |
| 4 | **Research Group** |  |
| 5 | **Application Area** | **Agricultural/Environment/Health care/etc..**  **<<Specify any one>>** |
| 6 | **Aim of the Project** |  |
| 7 | **Project Outcomes** |  |

**Student Signatures**

**Signature of the Guide**