**Class: III(year)-II (sem) B.TECH(AI&DS) Academic year: 2024-2024 Batch No:7**

**INNOVATIVE PROJECT ABSTRACT**

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| **Innovative Project Title: SMART MACHINE LEARNING** | | | |
| **ROLL NUMBER** | **STUDENT NAME** | **PH.NO** | **EMAIL ID** |
| 21891A7226 | Guthikonda Karthik Rayudu | **6301085099** | **karthikrayudu6301@gmail.com** |
| 21891A7253 | Pathakota Nithin Reddy | **7893232432** | **nithinreddy9308@gmail.com** |
| 21891A7205 | Baddam Sanjay | **8977465573** | **sanjaybaddam7@gmail.com** |
| **GUIDE NAME: MR.Naresh** | | | |
| **ABSTRACT:**  Choosing the best machine learning algorithm for a dataset can be tough because there are so many options.  This project, called Smart ML, helps make that choice easier. It tests different machine learning algorithms on a dataset to find out which one works the best. The project uses various methods to check how well each algorithm performs, considering factors like accuracy. The goal is to create a system that automatically picks the best algorithm for any given dataset. By doing this, Smart ML helps improve the process of building and using machine learning models, making them more effective and efficient for real-world applications.Our attempt is find the most efficient algorithm that suits for the dataset.In this we consider a dataset and dataset is divided and trained by different modules and test and trained data of the dataset is generated and we apply different algortihms like Random forest ,XGboost algorithm and we check in which algorithm most effective results are given and we display as that algorithm is best for the dataset provided. | | | |
| **BLOCK DIAGRAM :** | | | |