

STUDENT PEDIA

|  |  |  |
| --- | --- | --- |
| **P.SURAJKUMAR** | **L.AMARNATH** | **R.YAMINI KAVYA** |
| (21P61A1296) | (21P61A1276) | (21P61A12A8) |
| IT Department | IT Department | IT Department |
| [21p61a1296@vbithyd.ac.in](mailto:21p61a1296@vbithyd.ac.in) | [21p61a1276@vbithyd.ac.in](mailto:21p61a1276@vbithyd.ac.in) | [21p61a12a8@vbithyd.ac.in](mailto:21p61a12a8@vbithyd.ac.in) |

# OBJECTIVE

The main objective of the StudentPedia website is to create a centralized and easily accessible platform that enhances the learning experience for students by providing a comprehensive range of academic resources. It aims to support students in their studies by offering lecture notes, question banks, practice problems, and video tutorials, while also providing teachers with tools to upload and manage content effectively.

# ABSTRACT

The goal of the StudentPedia website designed to enhance the learning experience for students across various academic levels. The website serves as a centralized hub where students can access a wide range of academic resources, including lecture notes, question banks, practice problems, online quizzes, and video tutorials. The platform is structured into modules for administrators, teachers, and students, ensuring a streamlined and user-friendly experience.

# EXISTING SYSTEM

Students are having trouble accessing the content during supply exams, making it more difficult to refer to the unit-wise important questions of different subjects. Even if a teacher posts materials through whatsapp, students might miss those contents because of bulk messages. The major disadvantage would be for the students who are passedouts with 1 or 2 backlogs. It is difficult for them to neither

approach a teacher nor coming to a college.

# PROPOSED SYSTEM

To address these challenges faced in existing system, we are creating website where the student can access various contents seamlessly such as reference notes, question banks, multimedia resources all within a single website. Website is divided into 2 modules.

1. Teacher Module: Uploads the materials, question banks, important questions, practice problems in various formats. Youtube videos of the faculties are also available in this application.
2. Student Module: Student can access this platform in an ease way as it is user friendly.

This website not only also helps the students in accessing the subjects information but also can be able to access previous question papers of the software companies which helps the students to prepare for their placement opportunities.

# TECHNOLOGIES USED

**Software Requirements:**

Figma, React, JavaScript,

Node JS, Firebase, Tech Stack

**Hardware Requirements:**

* I5 12th gen processor
* 16gb RAM
* 512gb SSD

# FOR DEPARTMENT USE ONLY

Name of the Guide: Mrs.B.Manjulatha Guide Signature with Date: Date of verification: Date of submission:

(To be filled by project guide) (To be filled by project co-ordinator)