

MES COLLEGE OF ENGINEERING-  
KUTTIPPURAM DEPARTMENT OF COMPUTER AP  
PLICATIONS  
RLMCA352-MAIN PROJECT

**PROFORMA FOR THE APPROVAL OF THE FINAL SEMESTER PROJECT**

(Note: All entries of the pro forma of approval should be filled up with appropriate and complete information.  
Incomplete Pro forma of approval in any respect will be rejected.)

Project Proposal Number: \_\_\_\_\_  
(Filled by the Department)

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Academic Year : 2023

Year of Admission: 2021

Admission Number: 16711

Roll Number : 26

Register Number : MES21MCA-2026

1. Name of the Student (in BLOCK LETTERS) : MUHAMMED ASHIQUE K A

2. Name of the Organization : MES COLLEGE OF ENGINEERING, KUTTIPPURAM

3. Address of the Organization : KUMBIDI-THRIKKANAPURAM RD, KUTTIPPURAM, KERALA 679 82

Telephone No. : \_\_\_\_\_ Company E-Mail: \_\_\_\_\_

4. Name of the External Guide : \_\_\_\_\_

Mobile No. : \_\_\_\_\_ E-Mail: \_\_\_\_\_

5. Title of the Project : ACADAMIC MANAGEMENT SYSTEM

6. Name of the Guide : \_\_\_\_\_

Date:

Signature of the Student:

**Comments of The Project Guide**

Initial Submission :

Approval Status : Approved/Not Approved Dated Signature of Guide

HOD First Review :

Second Review :

**Comments of The Project Coordinator**

Initial Submission:

First Review

Second Review  
Coordinator:

Dated Signature of Project

# **ACADEMIC MANAGEMENT SYSTEM**

## **MUHAMMED ASHIQUE K A(MES21MCA-2026)**

### **INTRODUCTION**

Computers have become part of human's life. It makes the work easier compared to manually done. Academic management system is a first phase centralized management project. Academic Management System software helps our department to maintain information about students, staffs, fees details, internal exam, marks, attendance etc. Academic Management System is Android application which is helpful for students, teachers as well as the department. In the current system all the activities are done manually. It is very time consuming and costly. Our System deals with the various activities related to the students, teachers.

Another advantage of the system is that it is very easy to edit the details of the student and delete a student when it found unnecessary. The marks and others data of the student are added in the database and so students can also view the data s whenever they want. All the academic details of a student that can add or edit by teachers or other hod

### **OBJECTIVES**

- The main goal of this software is to simplify the process of information management in a particular department.
- It helps the department, teachers, students to maintain the information about course, fees details, exam marks, attendance, assignment, department details etc. Thus it helps the college to maintain the records in a systematic order and also to access details very quickly.
- It can be implemented in all department to proceed the academic works smoothly.

### **MOTIVATIONORRELEVENCE**

Academic Management system we have the provision for edit the details of the students by themselves. So, the over head of the department and the teachers is become less. Another advantage of the system is that it is very easy to edit the details of the student and delete a student when it found unnecessary. The marks and other internal work of the student are added in the database and so students can also view the data whenever they want. The software assists the adding students details, teachers details and department in keeping track of students' information. The software also keeps track of changes in the profiles of students as well as their performances.

- User friendly interface
- Fast access to database
- Less error
- More Storage Capacity
- Look and Feel Environment
- Quick transaction

## **PROBLEMSTATEMENT**

The common issue faced by the system in educational institutions is the data loss, manual monitoring of students' performance and etc. These activities create loads of tasks to be done by the teachers and department. Their records were also prone to losses due to a lack of security. There are still a lot of problems to be discussed but we only highlighted the major ones. The main purpose of the Academic Management System is to track profiles, logins, tests, marks, attendance ,exams ,assignment and fees. It keeps track of all profile, student, fee, and profile-related information. Academic management systems make it easier for teacher to retrieve and sort information, which makes their jobs easier. Teacher and hod can use this method to keep track of their students' involvement. These objectives faster support and sustain an atmosphere inside department .That promotes, supports, and sustains effective teaching and learning.

## **BASICFUNCTIONALITIES**

Main users are,

1. Head Of Department
2. Student
3. Teacher

### **1. HoD:**

- HoD can login in the system.
- HoD can manage Teachers.
- HoD can manage Subjects
- Add/delete Students
- Manage Time Table
- Manage Fees Details
- View Feedback
- View Attendance
- Manage Announcement

## 2. Teacher:

- login to the system
- Subject planner
- View Students
- View Timetable
- Manage Assignments
- Manage Internal marks
- Manage Exams
- Manage Study Materials
- Feedback & Survey
- Manage Attendance
- View Announcement
- View/Manage Profile
- Chat with Student

## 3. Student:

- login to the system
- View Timetable
- View Subjects
- Post Assignment s
- View Internal marks
- Post Exams
- Use Study Materials
- Post Feedback & Survey
- View Attendance
- View Announcement
- View/Manage Profile
- Chat with Teachers
- View Fees Details

## **TOOLS/PLATFORM, HARDWAREANDSOFTWAREREQUIREMENT**

### **HardwareRequirements**

- |                 |   |                    |
|-----------------|---|--------------------|
| • Input Device  | : | Mouse, Keyboard    |
| • Output Device | : | Monitor            |
| • Memory        | : | 4GbRam(Minimum)    |
| • Processor     | : | Intelcorei3orabove |

### **SoftwareRequirements**

- |                    |   |                                       |
|--------------------|---|---------------------------------------|
| • Operating System | : | Windows8/10forBetterPerformance       |
| • FrontEnd         | : | Python (flask), Android               |
| • BackEnd          | : | Mysql                                 |
| • SoftwareUsed     | : | Pycharm,Android Studio                |
| • WebBrowser       | : | InternetExplorer/GoogleChrome/Firefox |

