



ACADEMIC MANAGEMENT SYSTEM

NAHEP Component 2A
Project “Investment in ICAR
Leadership for Agriculture
Higher Education”

Admin Reference Manual



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1. Introduction

NAHEP has been formulated by ICAR with a total cost of US\$ 165 million (Rupees 1100 crores at the exchange rate of Rs. 66.75 = 1US\$) for five years starting from 2017-18. The project is proposed on 50:50 cost sharing basis between the World Bank and the Government of India, implemented at the Education Division, ICAR, New Delhi. Overall, the project aims to develop resources and mechanism for supporting infrastructure, faculty and student advancement, and providing means for better governance and management of agricultural universities, so that a holistic model can be developed to raise the standard of current agricultural education system that provides more jobs and is entrepreneurship oriented and on par with the global agriculture education standards.

The mandate of ICAR/DARE includes promotion and coordination of education in agriculture, agro-forestry, animal husbandry, fisheries, home science and allied sciences in the country. ICAR is now embarking upon an ambitious step in further strengthening the National Agricultural Education system in the country through National Agricultural Higher Education Project (NAHEP) with financial assistance of the World Bank by investing on infrastructure, competency and commitment of faculty, and attracting talented students to agriculture.

The project would benefit all the Agricultural Universities (AUs), i.e. 63 State Agricultural Universities modelled on the US Land Grant University pattern, 5 Deemed to be Universities (DUs), three Central Agricultural University (CAUs) and four Central Universities (CUs) with Agriculture Faculty.

1.1 Academic Management System

Academic Management System(AMS) has been customized by the NAHEP Component - 2 Project Team at ICAR-Indian Agricultural Statistics Research Institute (IASRI) for the implementation at various Agricultural Universities. It is a web enabled system for management of all the various academic activities of the university. The system caters to the needs of different users: Dean, Registrar, Professor, Head, Guide, Faculty, Teacher, Student, Administrators and Officials for performing their assigned tasks. A System has been designed in a modular approach with in-built work flows. System ensures that the individuals responsible for the next task are notified and receive the data they need to execute at their stage of process. At present five modules have been envisaged viz., Student Management, Faculty

Management, Course Management, Administration Management and E-Learning.

AMS facilitates in automation of various academic processes of the university and enhances the efficiency of the overall system by saving time and efforts involved in manual processes. It continues to be customized as per the respective needs of the various universities.

The Project supports the Country Partnership Strategy and addresses the three engagement areas of integration, transformation and inclusion. These engagement areas foresee increased agricultural productivity and support quality improvements of higher education to create a more skilled workforce that continuously improves the productivity of key sectors, including agriculture. The proposed Project is also a multi-Global Practice collaboration (Agriculture and Education) and is expected to support activities and results directly related to cross-cutting strategic areas of climate change, jobs and gender.

1.2 Modules of Academic Management System

Academic Management System automates various academic processes of the university and will enhance the efficiency of the system by saving time and efforts involved in manual processes. The data generated by the system is used for generating the reports at the national agriculture portal by aggregating the data from various state agriculture universities. The system has following sub modules:

- Courses Management
 - Student Management
 - Faculty Management
 - Administration Management
 - E-Learning Management
 - Administrator Role
 - Head Role
 - Student Role
 - Faculty Role
 - Guide Role
 - Professor Role
 - Dean
- Hostel Management

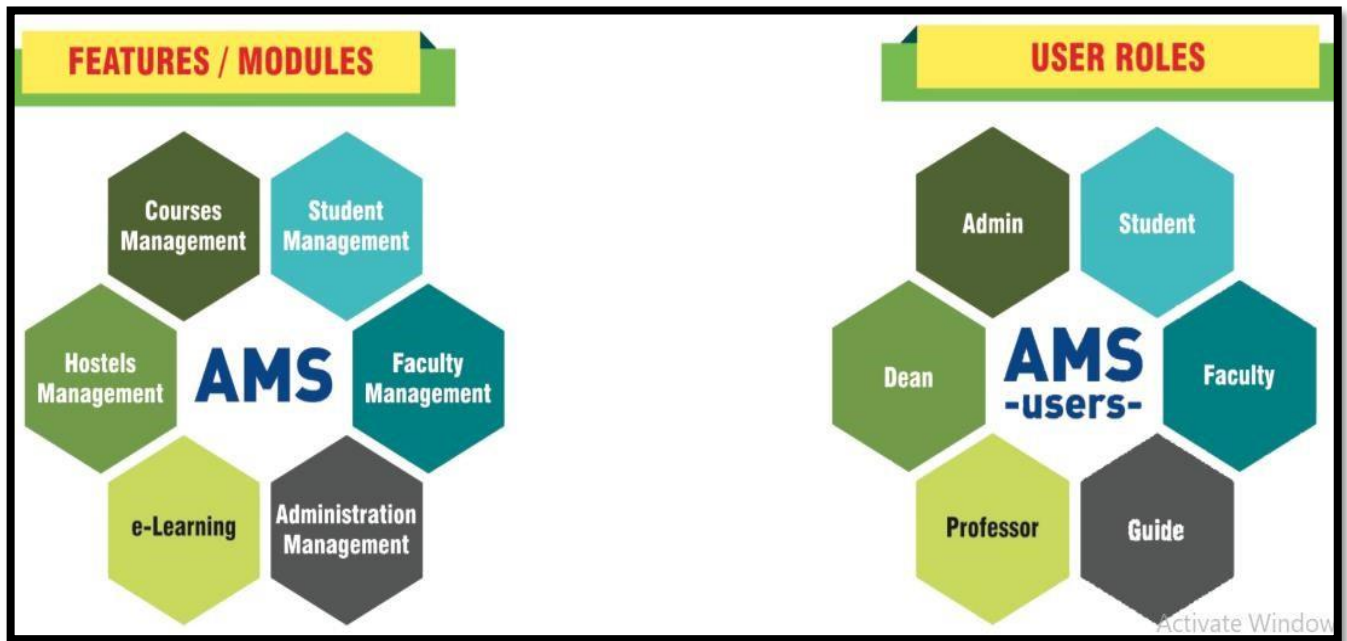


Fig. 1.2 Modules of Academic Management System

2. Login as Administrator

Every administrator would be provided with login credentials, using which they can login in and update their password and profile.

2.1 Access Home Page of AMS

- Enter the AMS URL assigned to your university into the web browser.
- Home Page of AMS of your university will be displayed on the screen.

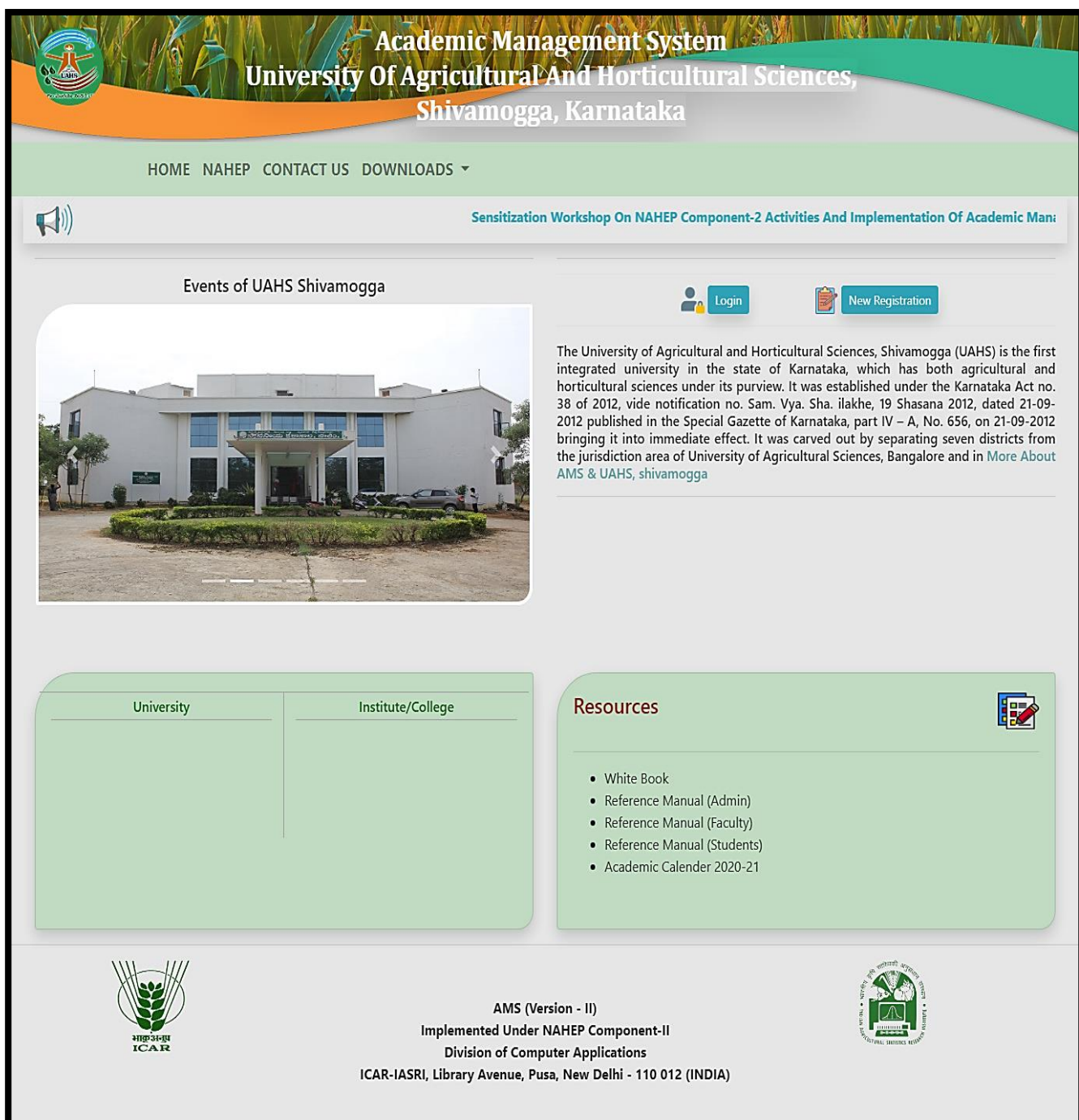


Fig. 2.1 Home Page of the Academic Management System

2.2 Login as Administrator

AMS Home page contain a Login button, For Administrator only login username and password will be provided by the development team.

- Click on Login Button which is right side of the AMS home page.
- Admin Can enter his/her credentials which is provided by the AMS development team.

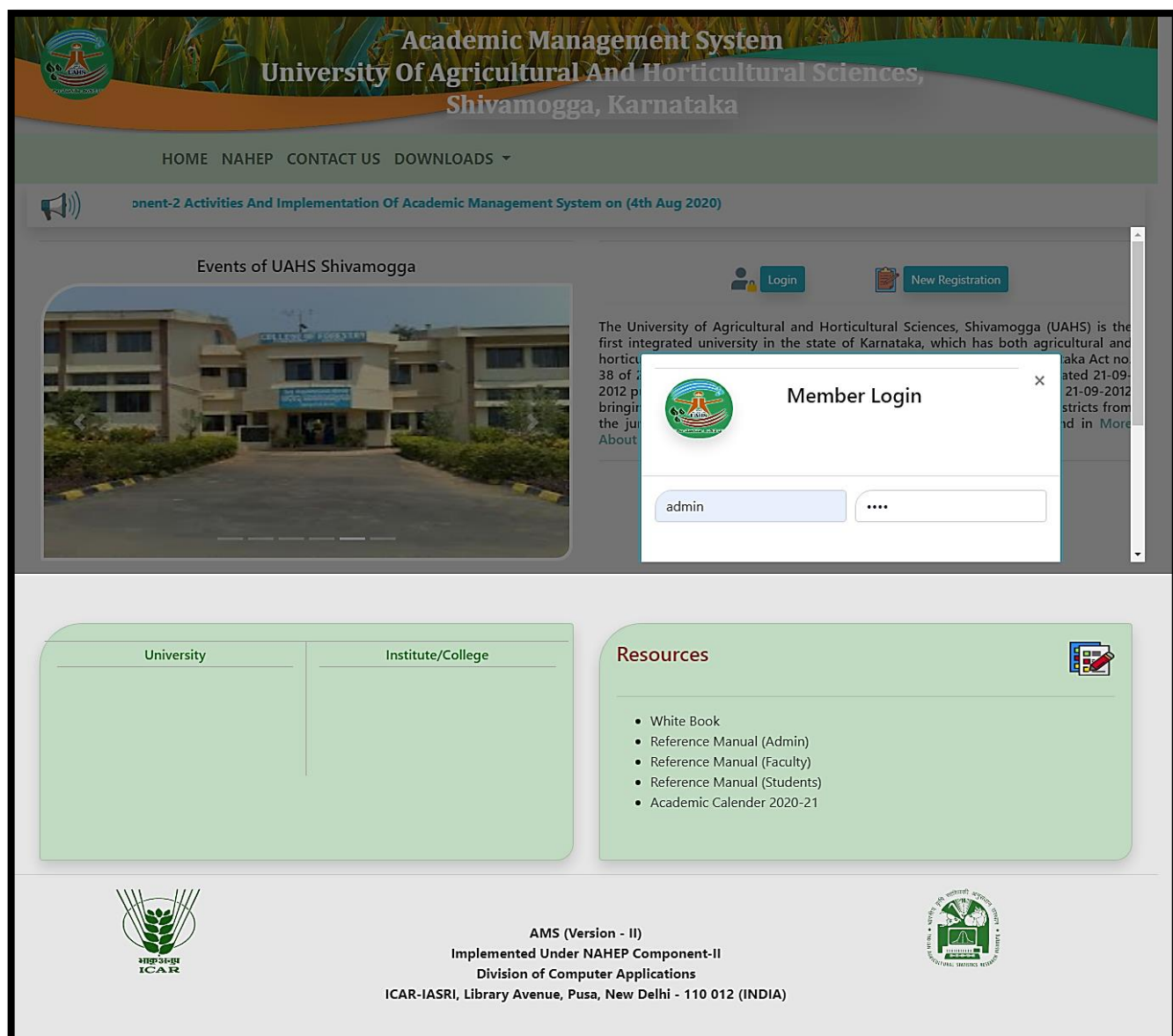


Fig. 2.2 Login Page for Administrator

2.3 Administrator Profile Editing/Updating

Administrator can change his/her Profile information by single click.

- To change profile image, click on **change profile pic**.
- Select profile pic from local computer and click on save button.
- Further profile information or contact details cannot be edited by administrator itself for that administrator have to contact with AMS development team.

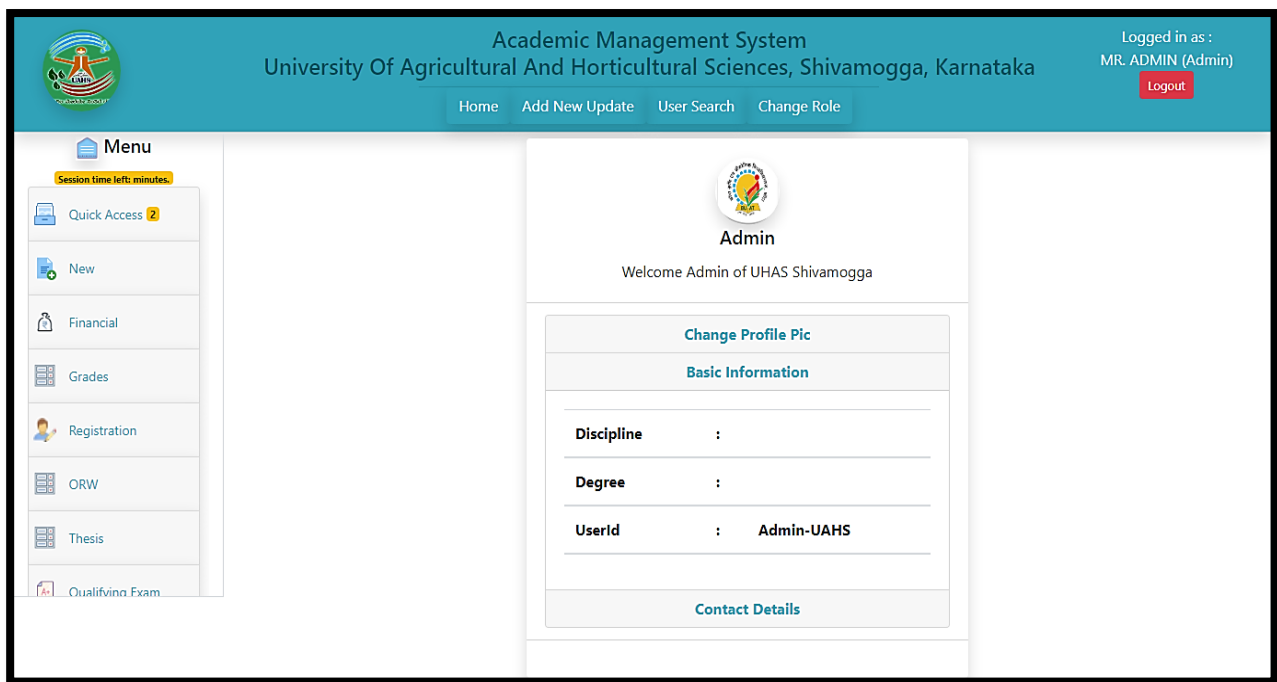


Fig. 2.3 Basic Administrator Profile

3. Administrator Role and Responsibilities

In AMS system administrator can perform number of responsibilities, some of them are listed under the **NEW** dropdown menu in the navigation bar.

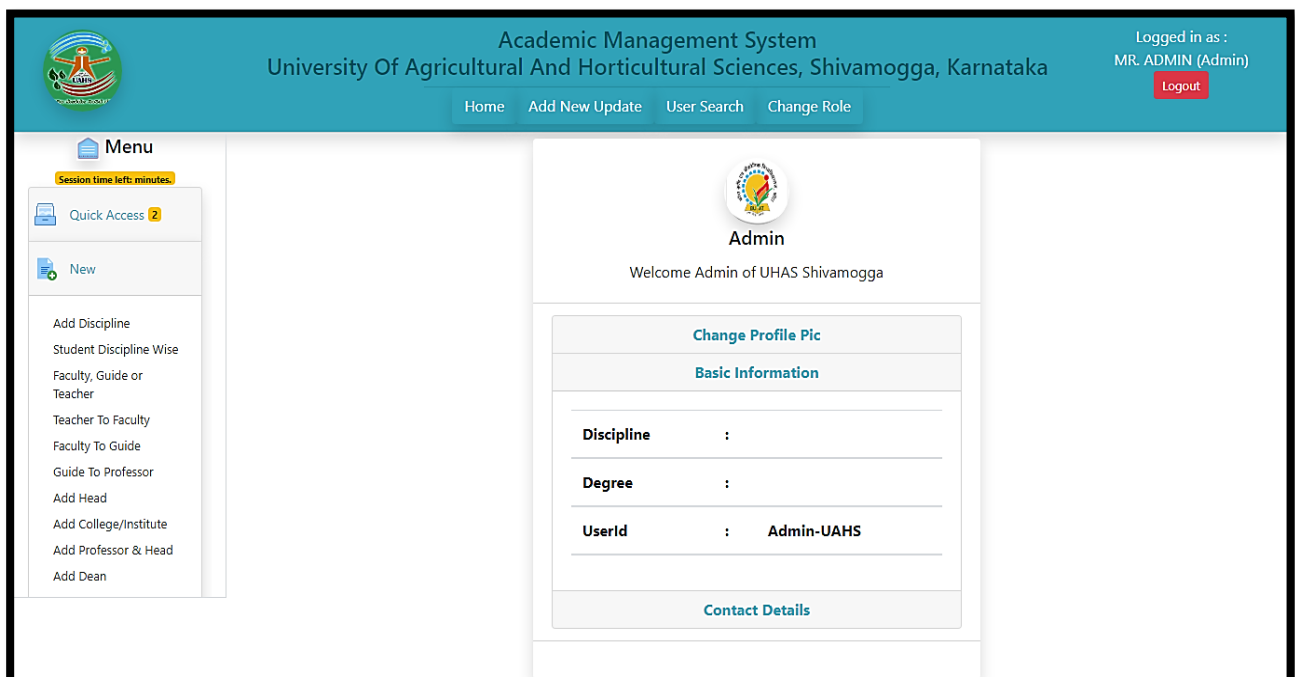


Fig. 3 New Dropdown Menu

3.1 Add New Discipline

In this menu option administrator can add new discipline and remove the existing ones if disciplines are not further selected/assign by any student or faculty.

- To add new discipline, click on **NEW Tab Menu** and then click on **add discipline**.
- To add new discipline, enter discipline ID and discipline name in corresponding text box.
- Click on **Submit button** once enter the correct discipline ID, discipline name.
- click on **Remove button** remove existing discipline, but discipline removed only if it is not selected by any student or faculty.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes 'Menu', 'Quick Access', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The 'Add New Discipline' form is displayed, showing the 'User ID' as 'Admin-UAHS'. The 'Discipline ID' and 'Discipline' fields are empty. Below the form is a 'List of Discipline' table with two entries: 'Agril Engineering' (Discipline ID: AAE) and 'B Sc' (Discipline ID: BSc). Both entries have a 'Remove' button next to them.


Sr. No	Discipline ID	Discipline	Action
1	AAE	Agril Engineering	<button>Remove</button>
2	BSc	B Sc	<button>Remove</button>

Fig. 3.1 Add New Discipline

3.2 Registered Student Approval

Admin will approve the students' registered for any course, any student can log in to the system only after the admin approval.

- To Approve **New Student**, click on **NEW Tab Menu** and then click on **student discipline wise**.
- Select Discipline from dropdown.
- Select **User ID** of the student, on selecting userid some of the entries will be auto fields.
- Admin provide the roll no./id no to the student.
- In grid only student pending request will show.



Academic Management System
University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka

Home Add New Update User Search Change Role

Logged in as :
MR. ADMIN (Admin)
Logout

Menu
Session time left: 30 minutes.
Quick Access 2
New
Financial
Grades
Registration
ORW
Thesis
Qualifying Exam

Choose Discipline Wise Students

New Student

Show/Hide

STUDENT INFORMATION

User Id

Roll No

Discipline

Institute

Degree

Enrollment Date

AMS Reg No.

Submit

NEW STUDENT PENDING REQUESTS

Sr. No	User Name	Degree	Date of Birth	Phone No.	Email	Mailing Address	Action
1	test1 Student	B.Tech.	22-06-1994	9214567890	testingams@testmail.com	tttttttttttttttttt	Remove

Fig. 3.2 Approved New Student

3.3 Registered Faculty Approval

All the faculty members will fill the registration form and then admin will approve the registered faculty. Faculties can access their account only after admin approval.

- To Approve **New faculty**, click on **NEW Tab Menu** and then click on **faculty, guide, teacher**.
- Select the faculty id from the dropdown list, on selecting the faculty id some of the entries will be auto fields
- Select the designation from the dropdown list.
- Add **specialization** and **research area** in corresponding text field and click on **Submit**
- All the new members approved are displayed in the gridview shown on the page on every page refresh.
- Admin can also remove any faculty member by using the **remove button** given in the gridview.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes options like 'Add Discipline', 'Student Discipline Wise', 'Faculty, Guide or Teacher', 'Teacher To Faculty', 'Faculty To Guide', 'Guide To Professor', 'Add Head', 'Add College/Institute', 'Add Professor & Head', 'Add Dean', 'Add Sub-Admins', and 'Add Master Trainer'. The 'Add Faculty' form is the central focus, featuring a 'Show/Hide' button and a 'FACULTY INFORMATION' section. This section contains several dropdown menus: 'Faculty' (with a 'Select Faculty Id' option), 'Parent Discipline' (with a 'Please Select' option), 'Designation' (with a 'Please Select' option), 'Discipline' (with a 'Please Select' option), 'Posting Place' (with a 'Please Select' option), 'Specialization' (with a text input field), and 'Research area' (with a text input field). A 'Submit' button is located at the bottom of the form. Below the form, a section titled 'New Faculty Member Requests' shows 'No Records'.

Fig. 3.3 Approved New Faculty

3.4 Add New Guide from Faculty

Admin have the rights to change/update the role of a faculty from the lower to higher designation or vice versa.

- Add New Guide from Faculty, click on **NEW Tab Menu** and then click on faculty to guide.
- Select the discipline form the dropdown menu and click on **submit** button.
- The list of faculty will be displayed in the gridview admin have the rights to add or remove from the assigned role by clicking on remove button.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifivino Exam'. The main content area is titled 'Add New Guide From Faculty'. It features a 'Discipline' dropdown menu set to 'AAE - Agril Engineering' and a 'Submit' button. Below this, there are two tables. The first table, 'Existing Guide For Discipline : AAE - Agril Engineering (AAE)', lists 'PROF3 THREE' as a Professor at the 'COLLEGE OF AGRICULTURE, Shivamoga' with a 'Remove From Guide' button. The second table, 'Existing Faculty For Discipline : AAE - Agril Engineering (AAE)', lists 'PROF1 ONE' and 'PROF2 TWO' as Faculty at the 'COLLEGE OF AGRICULTURE, Shivamoga' with 'Add To Guide' buttons.

Academic Management System
University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka

Logged in as :
MR. ADMIN (Admin)
Logout

Home Add New Update User Search Change Role

Menu
Session time left: minutes.

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifivino Exam

Add New Guide From Faculty

Discipline AAE - Agril Engineering

Submit

Existing Guide For Discipline : AAE - Agril Engineering (AAE)

Guide Name	Guide Type	Guide Posting Place	Remove From Guide
PROF3 THREE	Professor	COLLEGE OF AGRICULTURE, Shivamoga	Remove From Guide

Existing Faculty For Discipline : AAE - Agril Engineering (AAE)

Faculty Name	Faculty Type	Faculty Posting Place	Add To Guide
PROF1 ONE	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Add To Guide
PROF2 TWO	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Add To Guide

Fig. 3.4 Add New Guide from Faculty

3.5 Add New Professor from Faculty

Admin can add new professor form faculty member.

- Add New Professor from Faculty, click on **NEW Tab Menu** and then click on guide to professor.
- Select the discipline form the dropdown menu and click on **submit** button.
- The list of guide will be displayed in the gridview admin have the rights to add or remove from the assigned role by clicking on remove button.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main heading is 'Add New Professor From Guide / Faculty'. A dropdown menu for 'Discipline' is set to 'AAE - Agril Engineering', with a 'Submit' button below it. Below this, there are two tables. The first table, titled 'Existing Professor For Discipline : AAE - Agril Engineering (AAE)', lists a professor named 'PROF3 THREE' with the type 'Professor' and posting place 'COLLEGE OF AGRICULTURE, Shivamoga', with a 'Remove Professor' button. The second table, titled 'Existing Faculty/Guide For Discipline : AAE - Agril Engineering (AAE)', lists two faculty members: 'PROF1 ONE' and 'PROF2 TWO', both with the type 'Faculty' and posting place 'COLLEGE OF AGRICULTURE, Shivamoga', each with an 'Allocate Professor' button. A left sidebar contains a 'Menu' with options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifivino Exam.

Academic Management System
University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka

Logged in as :
MR. ADMIN (Admin)
Logout

Home Add New Update User Search Change Role

Menu
Session time left: minutes.

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifivino Exam

Add New Professor From Guide / Faculty

Discipline AAE - Agril Engineering

Submit

Existing Professor For Discipline : AAE - Agril Engineering (AAE)

Professor Name	Professor Type	Professor Posting Place	Remove Professor
PROF3 THREE	Professor	COLLEGE OF AGRICULTURE, Shivamoga	Remove Professor

Existing Faculty/Guide For Discipline : AAE - Agril Engineering (AAE)

Faculty/Guide Name	Faculty/Guide Type	Faculty/Guide Posting Place	Allocate Professor
PROF1 ONE	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Allocate Professor
PROF2 TWO	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Allocate Professor

Fig. 3.5 Add New Professor from Faculty

3.6 Add New Head from Faculty

Admin can add new Head form faculty member.

- Add New Head from Faculty, click on **NEW Tab Menu** and then click on Add Head.
- Select the discipline form the dropdown menu and click on **submit** button.
- The list of guide will be displayed in the gridview admin have the rights to add or remove from the assigned role by clicking on remove button.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main content area is titled 'Add New Guide From Faculty'. It features a 'Discipline' dropdown menu set to 'AAE - Agril Engineering' and a 'Submit' button. Below this, there are two tables:

Existing Guide For Discipline : AAE - Agril Engineering (AAE)

Guide Name	Guide Type	Guide Posting Place	Remove From Guide
PROF3 THREE	Professor	COLLEGE OF AGRICULTURE, Shivamoga	<button>Remove From Guide</button>

Existing Faculty For Discipline : AAE - Agril Engineering (AAE)

Faculty Name	Faculty Type	Faculty Posting Place	Add To Guide
PROF1 ONE	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	<button>Add To Guide</button>
PROF2 TWO	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	<button>Add To Guide</button>

Fig. 3.6 Add New Head from Faculty

3.7 Add New Colleges/Institutes

Administrator can add the colleges/institutes affiliated by the particular university.

- Add New colleges/institutes, click on **NEW Tab Menu** and then click on **Add College/Institute**.
- Click on **Add College Name/Institute** name from the drop down menu.
- Write the College name, Acronym, Place and address in the text area corresponding to their label fields and click on **submit button**.
- Gridview on this page shows the list of the colleges added till now.
- The details of the colleges entered in the Gridview can be updated using **UPDATE** button.

The screenshot shows the 'Add College/Institute' form within the Academic Management System. The header includes the university name, a navigation bar with 'Home', 'Add New Update', 'User Search', and 'Change Role', and a user login status 'MR. ADMIN (Admin)' with a 'Logout' button. A left sidebar contains a 'Menu' with options like 'Quick Access', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main form area has input fields for 'College/Institute Name', 'Acronym', 'Place (City)', 'State' (a dropdown menu), 'Address', and 'Pincode'. Below these fields are 'Save' and 'Cancel' buttons, and a 'Total Entries: 2' indicator. At the bottom, a table displays the existing entries.

Action	inst_Id	Name	Acronym	City	State	Address	Pincode
<button>Update</button>	1	University of Agricultural and Horticultural Sciences	UAHS	Karnataka	KARNATAKA	Krushi College, Savalanga Road, Shivamogga	577201
<button>Update</button>	2	COLLEGE OF AGRICULTURE	COAS	Shivamoga	KARNATAKA	Shimoga	577201

Fig. 3.7 Add New College/Institute

3.8 Add New Professor Head from Faculty/Guide

Admin can add new Professor head form faculty member.

- Add New Professor Head from Faculty/Guide, click on **NEW Tab Menu** and then click on Add New Professor &Head.
- Select the discipline form the dropdown menu and click on **submit** button.
- The list of faculty/guide will be displayed in the gridview admin have the rights to add or remove from the assigned role by clicking on Allocate Professor/Remove Professor.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Add New Professor From Guide / Faculty'. It features a 'Discipline' dropdown menu set to 'AAE - Agril Engineering' and a 'Submit' button. Below this, there are two tables. The first table, 'Existing Professor For Discipline : AAE - Agril Engineering (AAE)', lists 'PROF3 THREE' as a Professor at 'COLLEGE OF AGRICULTURE, Shivamoga' with a 'Remove Professor' button. The second table, 'Existing Faculty/Guide For Discipline : AAE - Agril Engineering (AAE)', lists 'PROF1 ONE' and 'PROF2 TWO' as Faculty at 'COLLEGE OF AGRICULTURE, Shivamoga' with 'Allocate Professor' buttons.

Academic Management System
University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka

Logged in as :
MR. ADMIN (Admin)
Logout

Home Add New Update User Search Change Role

Menu
Session time left: minutes.

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifying Exam

Add New Professor From Guide / Faculty

Discipline AAE - Agril Engineering

Submit

Existing Professor For Discipline : AAE - Agril Engineering (AAE)

Professor Name	Professor Type	Professor Posting Place	Remove Professor
PROF3 THREE	Professor	COLLEGE OF AGRICULTURE, Shivamoga	Remove Professor

Existing Faculty/Guide For Discipline : AAE - Agril Engineering (AAE)

Faculty/Guide Name	Faculty/Guide Type	Faculty/Guide Posting Place	Allocate Professor
PROF1 ONE	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Allocate Professor
PROF2 TWO	Faculty	COLLEGE OF AGRICULTURE, Shivamoga	Allocate Professor

Fig. 3.8 Add New Professor Faculty

3.9 Add New Dean from Faculty

Admin can add new dean head form faculty member.

- Add New dean from Faculty, click on **NEW Tab Menu** and then click on Add New dean.
- Select the discipline form the dropdown menu and click on **submit** button.
- Select the faculty form dropdown list and then click on **allocate dean**.
- The list of new dean will be displayed in the gridview admin have the rights to remove from the assigned role by clicking on **remove from dean**.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifivinn Exam'. The main content area is titled 'Add New Dean From Faculty'. It contains two dropdown menus: 'Discipline' (set to 'BSc - B Sc') and 'Faculty Name' (set to 'PROF1 ONE'). Below these are 'Submit' and 'Allocate Dean' buttons. A message states 'Existing Dean For Discipline : BSc - B Sc (BSc)'. A large grey box at the bottom displays 'No Records' in red text.

Fig. 3.9 Add New Dean from Faculty

3.10 Start/Stop Semester by Administrator

Add semester option is providing to the admin to start/stop semester in a particular session. In which courses are bind with particular semesters.

- To start/stop semester, click on **NEW Tab Menu** and then click on **semester**.
- Select academic year from the dropdown list.
- Select semester from the dropdown list.
- After that click on registration start to registration in that particular academic year.
- Click on registration stop to stop registration for that particular academic year.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)' with a 'Logout' button. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. On the left, a 'Menu' sidebar lists various options: 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Start / Stop Semester Registration' and features two dropdown menus: 'Academic Year' (set to '2018-19') and 'Semester' (set to 'I'). Below these are two buttons: 'Registration Start' (green) and 'Registration Stop' (red). A session timer at the top left of the sidebar indicates 'Session time left: 30 minutes.'

Fig. 3.10 Start/Stop Semester

3.11 Assign New Roles to Faculty's'

Admin can assign different roles to the faculty members.

- Assign New roles to the Faculty's, click on **NEW Tab Menu** and then click on assign roles to faculty.
- Here admin can assign the role of some other faculty of different discipline to some other faculty of different discipline.
- Select Parent discipline (actual Discipline of the faculty), Course Faculty, User Type, sub- discipline from their corresponding drop down lists □ After selecting roles click on Assign roles.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. A left sidebar menu lists various system functions: 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifving Exam'. The main content area is titled 'Assign Role to Faculty' and contains four dropdown menus: 'Parent Discipline' (Please Select), 'Course Faculty' (Please Select Faculty), 'UserType' (Please Select User), and 'Sub Discipline' (Please Select Sub-Discipline). An 'Assign Role' button is positioned below these dropdowns. Below the main form, a section titled 'Multiple Role to Faculty Report' shows a message 'No Records'.

Fig. 3.11 Assign New Roles to Faculty

3.12 Latest/Upcoming News and Event's Notification

Admin can add Upcoming News and Event's Notification on the home page of the website using this option.

- To show latest/upcoming news and /events notification, click on **NEW Tab Menu** and then click on **what's news**.
- Add Title, Description, Date and link in their corresponding text area against their labels fields.
- If there is any file related to any update we can upload that also by using file upload.
- After entering all details click on save button.
- The updates will be reflected on the home page of the website.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. A sidebar menu on the left lists various system functions: 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'What's New' and contains a form with the following fields: 'Title' (text input), 'Description' (text input), 'Publish Date' (date picker), 'End Date' (date picker), 'Is File Upload' (toggle switch), and 'Provide Link' (text input). At the bottom of the form are 'Save' and 'Reset' buttons. A session timer indicates 'Session time left: 30 minutes'.

Fig. 3.12 Latest/Upcoming News and Event's Notification

4. Student Fee Management

Student fee management deal with the discipline wise fees, fellowships and contingency as per the university norms.

- click on **Financial Tab Menu** and then click on **Discipline Wise Fees**.
- Select the Academic year, Discipline and student Semester and click on submit button.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)' and has a session time left of 30 minutes. The main menu on the left includes 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The 'Financial' tab is selected, leading to the 'Discipline Wise Fees Details' form. This form contains three dropdown menus for 'Academic Year', 'Discipline', and 'Student Semester', each with a 'Please Select' prompt. Below these fields are 'Submit' and 'Reset' buttons. A 'Print' button is also visible in the top right corner of the main content area.

Fig. 4 Student Fee Management

5. Academic Reporting Part

Here admin can extract the information related to his/her university in different formats, various type of reports from the student /faculty side can be generated from this reporting part.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. The left sidebar contains a list of reports: 'Qualifying Exam', 'Reports', 'Discipline Wise Reports', 'Displine Wise Course Reports', 'Student Register Report', 'PPW-ORW Status Report', 'Thesis & Qualifying Date Report', 'Course Result Leaderwise Report', 'Faculty Allocation Report', 'Faculty Report', and 'Not Registered'. The main content area is titled 'Discipline Wise Report' and features two dropdown menus for 'Discipline' and 'Institute', both with the placeholder text '---Please Make a Selection---'. Below these are six radio buttons for 'Faculty', 'Professor', 'Student', 'Course', 'Offered Courses', and 'Guide'. At the bottom of the form are 'Submit' and 'Reset' buttons.

Fig. 5 Academic Reporting Part

5.1 Discipline Wise Report

Admin can see all details related to the particular discipline.

- click on **Reports** menu and then click on Discipline Wise Fees.
- Select discipline from dropdown list.
- Select college/institute from the dropdown list then check faculty, professor, student, course offered course, guide following fields according to the requirements.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The main navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. On the left, a sidebar menu lists various reports, with 'Reports' selected. The 'Discipline Wise Report' form is the central focus, featuring two dropdown menus for 'Discipline' and 'Institute', both currently set to '---Please Make a Selection---'. Below these are six radio button options: 'Faculty', 'Professor', 'Student', 'Course', 'Offered Courses', and 'Guide'. At the bottom of the form are 'Submit' and 'Reset' buttons.

Fig. 5.1 Discipline Wise Report

5.2 Discipline Wise Course Report

Admin can see all details related to the particular courses.

- Click on **Reports** menu and then click on Discipline Wise Course Report.
- Select academic year from dropdown list.
- Select semester, institute, discipline and then click on **submit button**.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The interface includes a top navigation bar with links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. A left sidebar menu contains options like 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Course Report' and contains four dropdown menus for 'Academic Year', 'Semester', 'Institute', and 'Discipline', each with the placeholder text '---Please Make a Selection---'. Below these dropdowns are 'Submit' and 'Reset' buttons. A session timer at the top left of the sidebar indicates 'Session time left: 30 minutes'.

Fig. 5.2 Discipline Wise Course Report

- Accordingly, the result will display into the gridview after that click on **print button** to take print.

5.3 Registered Student Report

Admin can see all details related to the registered student report.

- Click on **Reports** menu and then click on registered student Report.
- Select enrollment year from dropdown list.
- Select degree, institute, gender, category and then click on **submit button**.
- Accordingly, the result will display into the gridview after that click on **print button** to take print.

The screenshot shows the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)' with a 'Logout' button. The top navigation bar includes 'Home', 'Add New Update', 'User Search', and 'Change Role'. On the left, a 'Menu' sidebar lists 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Register Students Report' and contains five dropdown menus: 'Registration Year' (set to 2016), 'Degree' (set to All), 'Institute' (set to All), 'Gender' (set to All), and 'Category' (set to All). Below these menus are 'Submit' and 'Reset' buttons. A session timer at the top left of the sidebar indicates 'Session time left: 30 minutes'.

Fig. 5.3 Registered Student Report

5.4 Faculty Allocation Report

Admin can see all details related to the allocated faculty for the particular course.

- Click on **Reports** menu and then click on faculty allocation Report.
- Select academic year, discipline, institute and then click on **submit button**.
- Accordingly, the result will display into the gridview after that click on **print button** to take print.

The screenshot displays the 'Faculty Allocation Report' page within the 'Academic Management System' of the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The interface includes a top navigation bar with a logo, system name, user information ('MR. ADMIN (Admin)' with a 'Logout' button), and a menu ('Home', 'Add New Update', 'User Search', 'Change Role'). A left sidebar contains a 'Menu' section with a 'Session time left: 30 minutes' warning and a list of options: 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Faculty Allocation Report' and features three dropdown menus for 'Academic Year', 'Discipline', and 'Institute', each with the placeholder text '---Please Make a Selection---'. Below these menus are 'Submit' and 'Reset' buttons.

Fig. 5.4 Faculty Allocation Report

5.5 Faculty Details Report

Admin can see all details related to the allocated faculty for the particular course.

- Click on **Reports** menu and then click on faculty Report.
- Select required field and then click on submit button.
- Accordingly, the result will display into the gridview after that click on **print button** to take print.

The screenshot shows the 'Faculty Report' interface. At the top, the header includes the university logo, name, and login status. A sidebar menu is on the left. The main area contains a grid of checkboxes for selecting report fields. A note advises selecting only 5 columns. At the bottom are 'Submit' and 'Reset' buttons.

Academic Management System University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka					Logged in as : MR. ADMIN (Admin) Logout
Home Add New Update User Search Change Role					
Menu Session time left: 30 minutes. Quick Access 2 New Financial Grades Registration ORW Thesis Qualifying Exam					
Faculty Report					
Note: Please select only 5 columns at a time for better printable report					
<input type="checkbox"/> Faculty Id	<input type="checkbox"/> Name	<input type="checkbox"/> Faculty Discipline1	<input type="checkbox"/> Faculty Parent Discipline Id	<input type="checkbox"/> Faculty Designation	
<input type="checkbox"/> Faculty Posting Place	<input type="checkbox"/> Faculty Specialisation	<input type="checkbox"/> Faculty Research Area	<input type="checkbox"/> Faculty Publications	<input type="checkbox"/> Faculty Status	
<input type="checkbox"/> faculty Discipline2	<input type="checkbox"/> Faculty Type	<input type="checkbox"/> Gender	<input type="checkbox"/> Email	<input type="checkbox"/> DT_BIRTH	
<input type="checkbox"/> DT_JOIN	<input type="checkbox"/> DESGN_DATE	<input type="checkbox"/> Retirement Date	<input type="checkbox"/> DT_RES	<input type="checkbox"/> DT_JND	
<input type="checkbox"/> Tel_office	<input type="checkbox"/> Mobile	<input type="checkbox"/> Mailing Address	<input type="checkbox"/> Permanenet Address		
<input type="checkbox"/> Click here to select all					
Submit Reset					

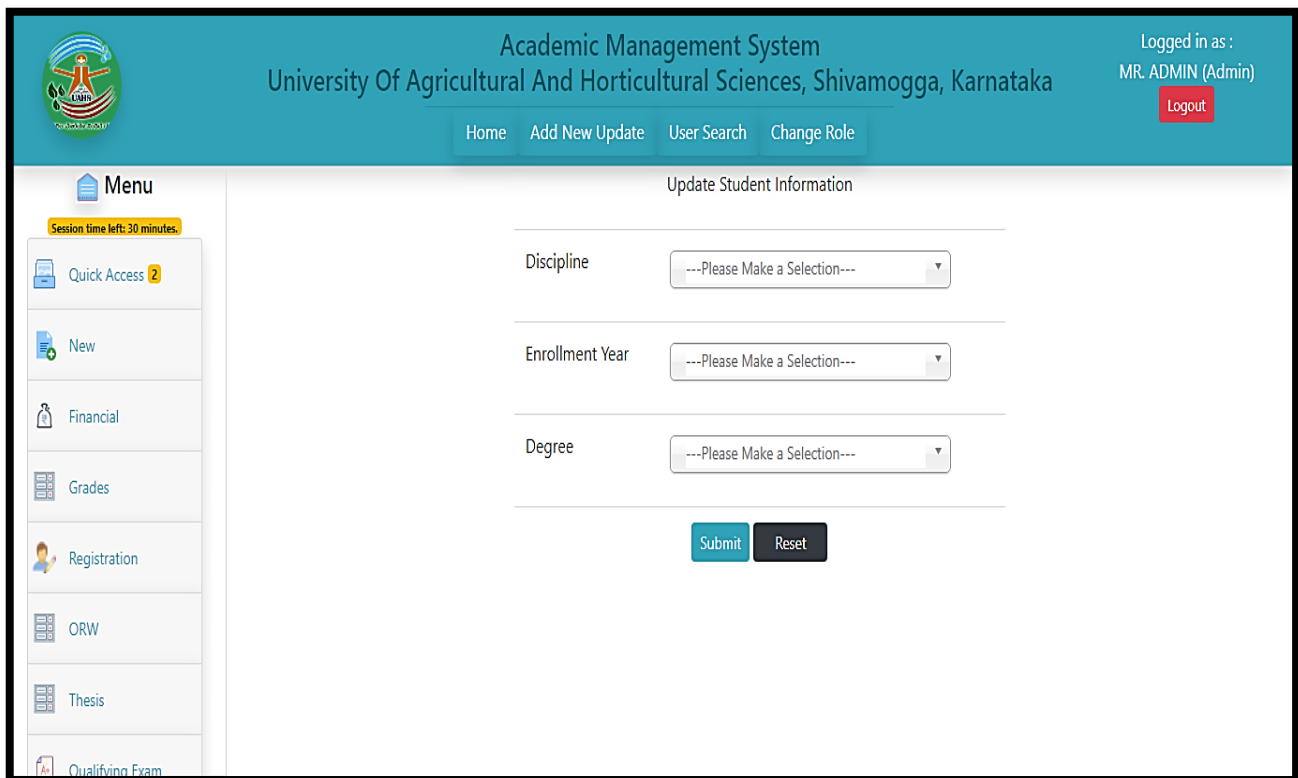
Fig. 5.5 Faculty Details Report

NOTE: Some more reporting part is also providing to the administrator in admin can see other reports as well according to the requirements.

6. Student Updating Reporting Part

Admin can see all details related to the student and also update their information accordingly.

- Click on **student update** menu and then click on Reports.
- Select menu item according to the information required.



The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)' with a 'Logout' button. The top navigation bar includes 'Home', 'Add New Update', 'User Search', and 'Change Role'. A left sidebar menu lists various options: 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Update Student Information' and contains three dropdown menus for 'Discipline', 'Enrollment Year', and 'Degree', each with the placeholder text '---Please Make a Selection---'. At the bottom of this section are 'Submit' and 'Reset' buttons. A session timer at the top left of the sidebar indicates 'Session time left: 30 minutes'.

Fig. 6 Student Updating Reporting Part

NOTE: The list of student update reporting menu showing some of the reporting part, admin can easily click on particular menu and get the relative information form that menu.

7. More Features

Some extra features also providing to the admin.

- Click on **more** menu and then click on menu items.
- Select menu item according to the information required.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)' and can click 'Logout'. The main navigation bar includes 'Home', 'Add New Update', 'User Search', and 'Change Role'. The left sidebar contains a 'More' menu with options like 'Update Student', 'Change', 'Search', 'Course Evaluation Proforma', and 'Related Links'. The 'Change Role' form is the central focus, featuring dropdown menus for 'Discipline', 'User Type', 'Institute', 'Enrollment Year' (set to 2016), and 'Users'. It includes 'Submit' and 'Reset' buttons. Below this, there is an 'OR' section with the instruction 'Enter Student Roll No. (To Search Student)', a text input field for 'Roll No.', and a 'Find Student' button.

Fig. 7 More Features

7.1 Change Role

Admin has right to access all the other users profile and do needful changes in case he/she can't do their own work due to some circumstances. This facility is provided under change role tab, here admin can change its role to any required user type.

- Click on More menu option, then click on change role.
- Select discipline, usertype, college and users from dropdown then click on submit button.
- Now admin can access the selected usertype profile and do the needful change.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The user is logged in as 'MR. ADMIN (Admin)'. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. A left sidebar menu lists various options: 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Change Role' and contains a form with the following fields: 'Discipline' (dropdown), 'User Type' (dropdown), 'Institute' (dropdown), 'Enrollment Year' (dropdown), and 'Users' (dropdown). Below these fields are 'Submit' and 'Reset' buttons. An alternative search method is provided with the text 'OR Enter Student Roll No. (To Search Student)', a 'Roll No.' input field, and a 'Find Student' button. A session timer at the top left indicates 'Session time left: 30 minutes'.

Fig. 7.1 Change Role

7.2 Student Search, User Search, Course Search

Admin has right to access to find AMS users profile.

- Click on More menu option, then click on user search.
- Admin can search by first name, middle name, last name.
- Now click on Find User button.
- All the related information will show in gridview.

The screenshot displays the 'Academic Management System' interface for the 'University Of Agricultural And Horticultural Sciences, Shivamogga, Karnataka'. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. The user is logged in as 'MR. ADMIN (Admin)' with a 'Logout' button. A left sidebar menu lists various system functions: 'Menu', 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Search User' and features three input fields for 'First Name', 'Middle Name', and 'Last Name'. Below these fields are two buttons: 'Find User' and 'Reset'.

Fig. 7.2 Student Search