



ACADEMIC MANAGEMENT SYSTEM

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

Admin Reference Manual



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Ludhiana**

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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
- Hostel Management
- Administrator Role
- Head Role
- Student Role
- Faculty Role
- Guide Role
- Professor Role
- Dean

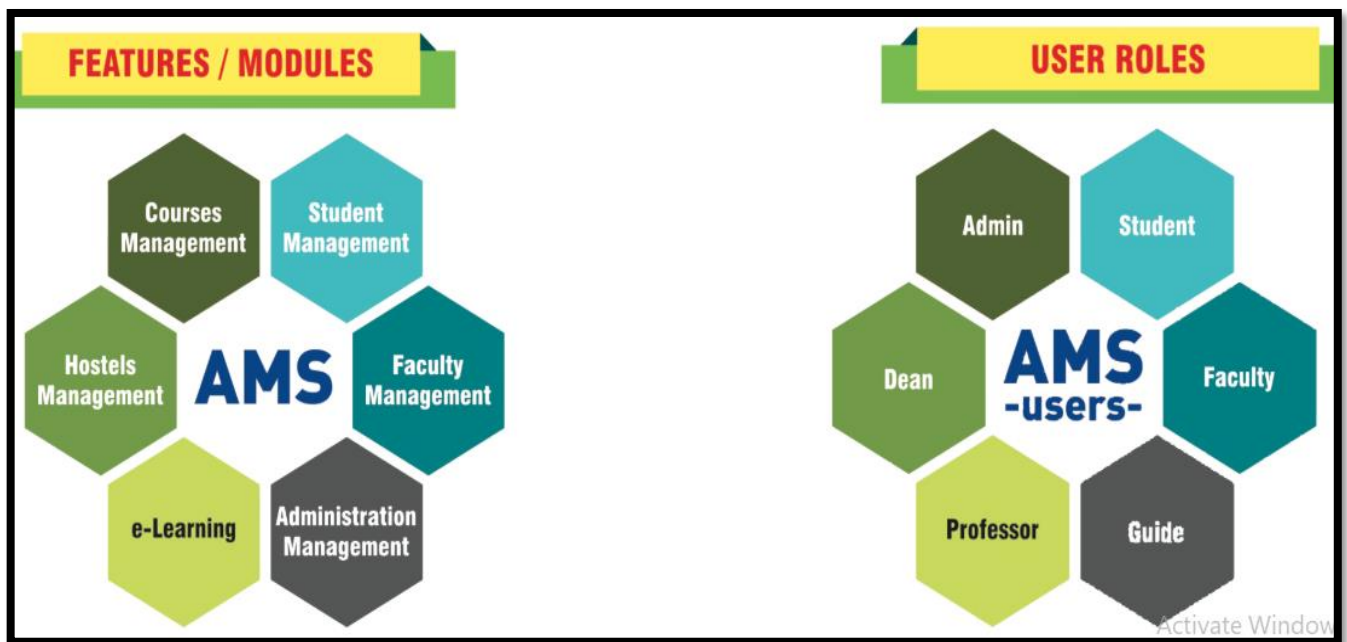


Fig. 1.2 Modules of Academic Management System

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.

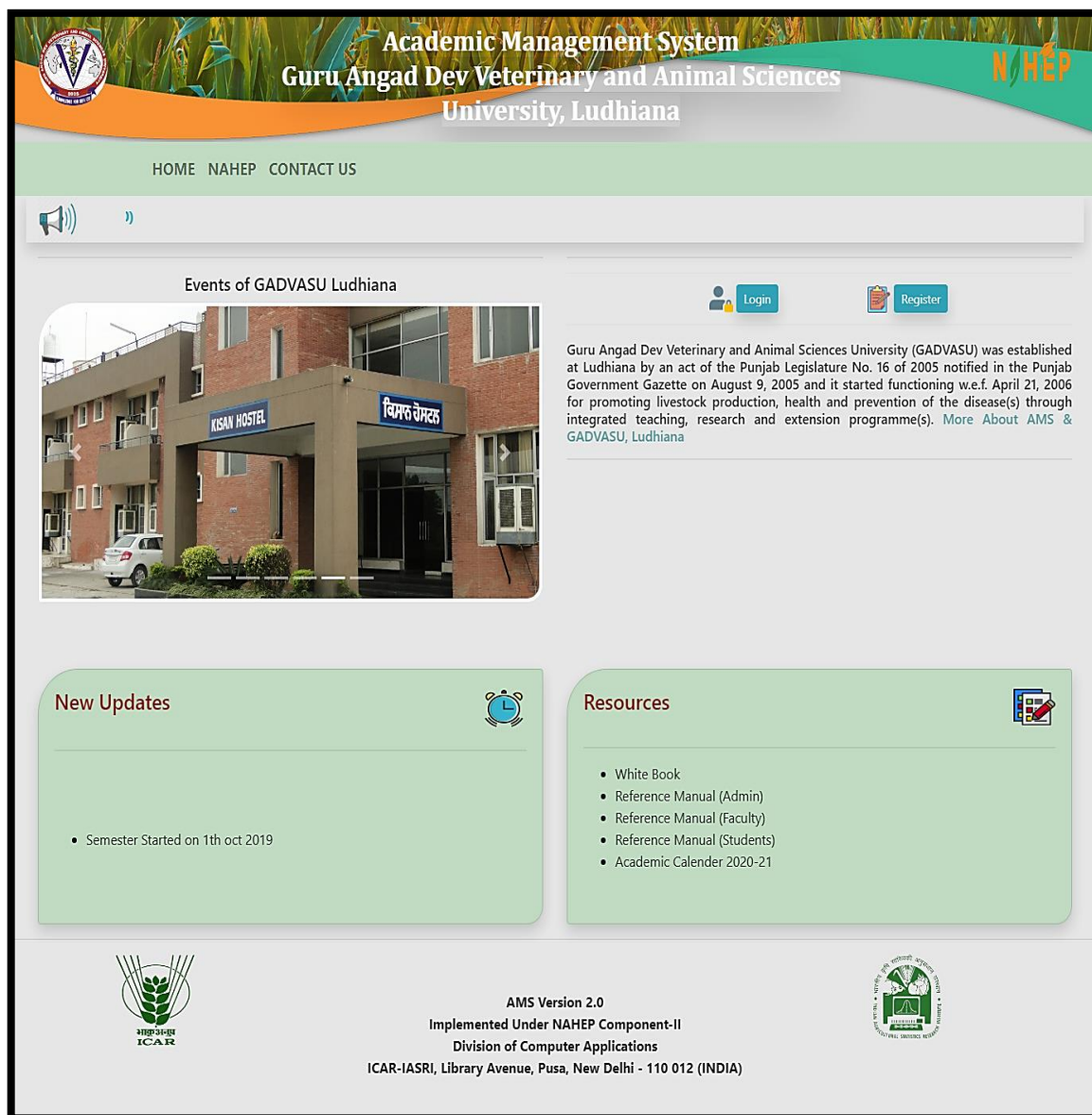


Fig. 2.1 Home Page of the Academic Management System

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.

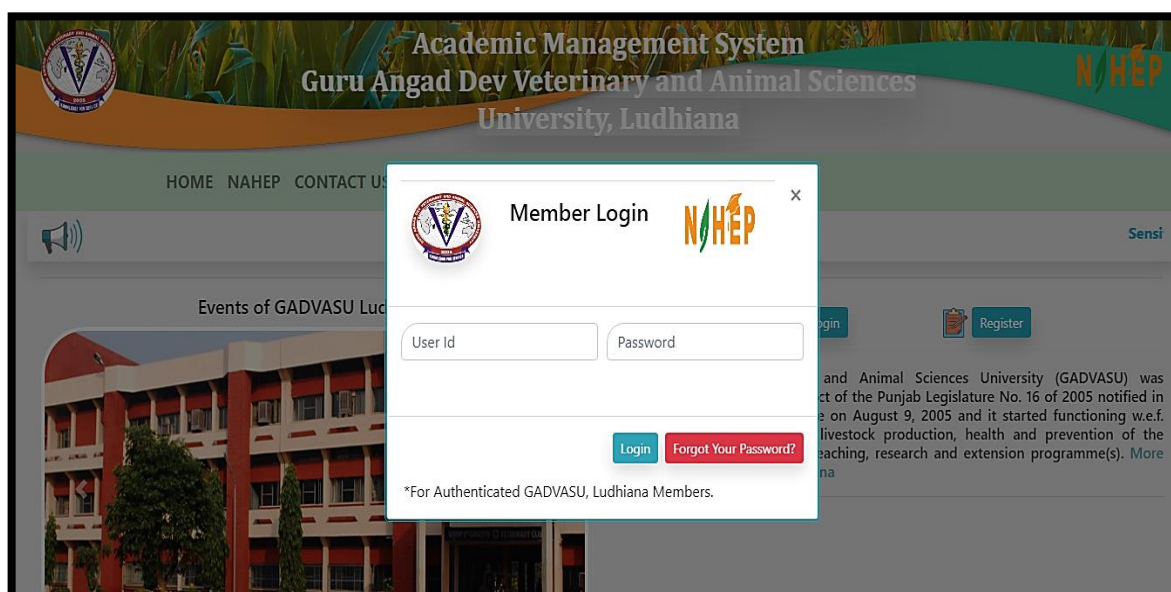


Fig. 2.2 Login Page for Administrator

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.

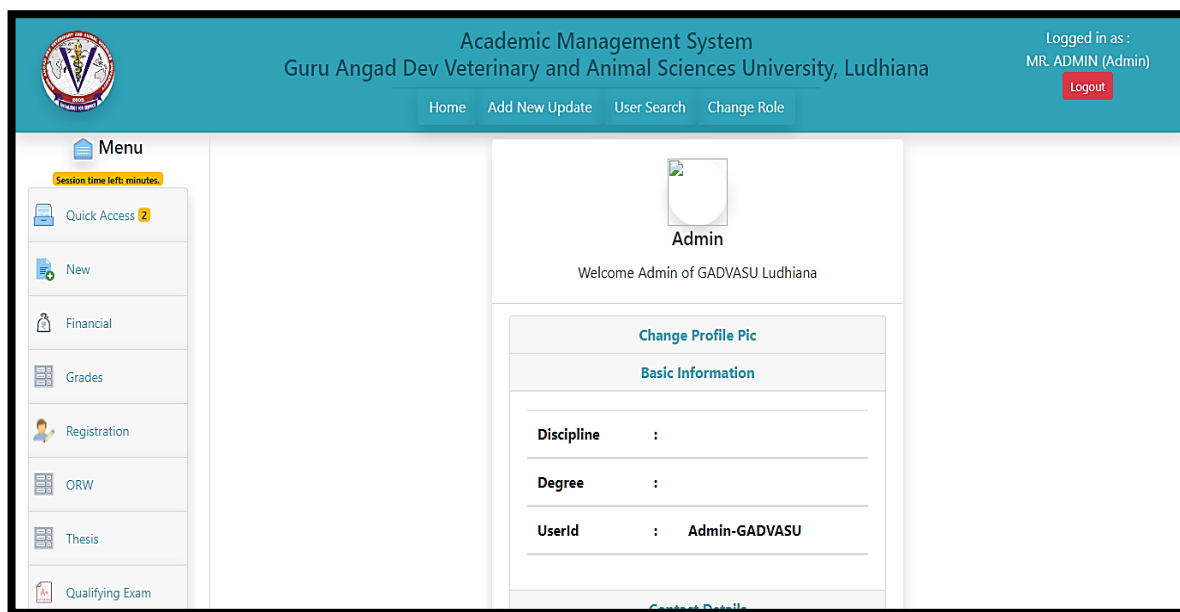


Fig. 2.3 Basic Administrator Profile

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.

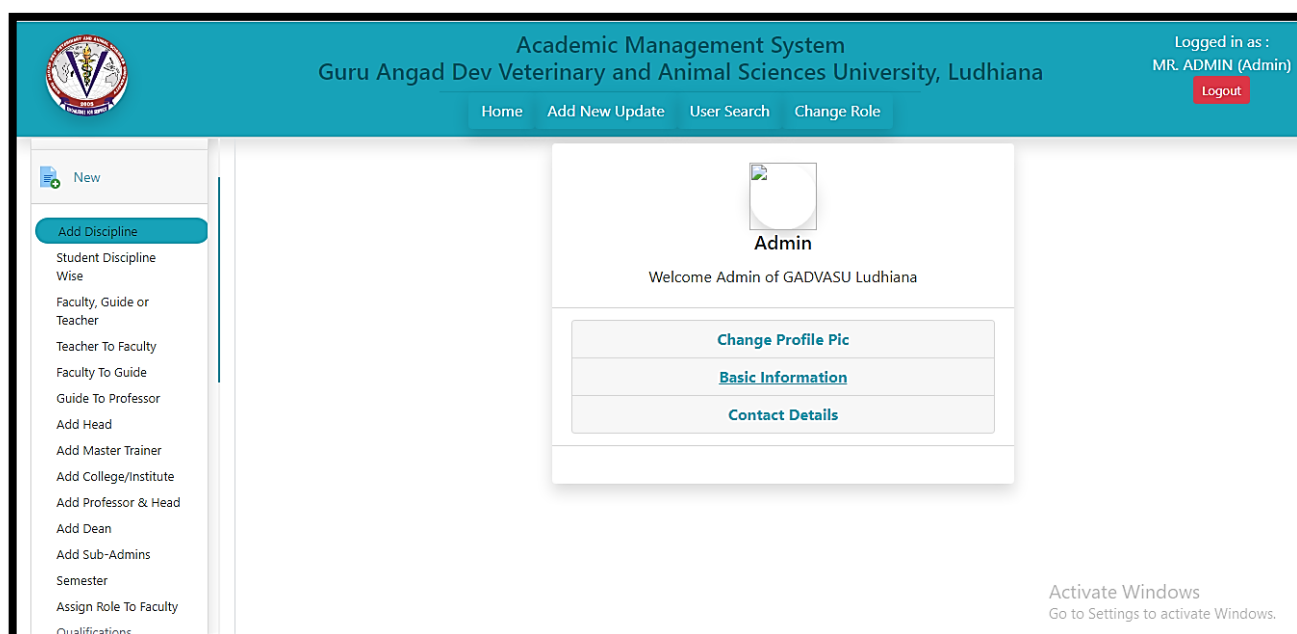


Fig. 3 New Dropdown Menu

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 displays the 'Academic Management System' interface for Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The user is logged in as 'MR. ADMIN (Admin)'. The interface includes a sidebar menu with options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area is divided into two sections: 'Add New Discipline' and 'List of Discipline'.

Add New Discipline Form:

User ID	Admin-GADVASU
Discipline ID	<input type="text"/>
Discipline	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	

List of Discipline Table:

Sr. No	Discipline ID	Discipline	Action
1	ABT	Animal Biotechnology	<input type="button" value="Remove"/>
2	AE	Aquatic Environment	<input type="button" value="Remove"/>
3	AFRM	Aquaculture and Fisheries Resource Management	<input type="button" value="Remove"/>
4	AGB	Animal Genetics and Breeding	<input type="button" value="Remove"/>
5	AGECO	Agricultural Economics (Animal Husbandry)	<input type="button" value="Remove"/>
6	AGEN	Animal Genomics	<input type="button" value="Remove"/>
7	ANH	Anatomy & Histology	<input type="button" value="Remove"/>
8	ANN	Animal Nutrition	<input type="button" value="Remove"/>
9	AQUA	Aquaculture	<input type="button" value="Remove"/>
10	ARGO	Animal Reproduction, Gynaecology & Obstetrics	<input type="button" value="Remove"/>

At the bottom of the table, there are pagination controls showing 1, 2, 3, 4, 5, 6.

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.

The screenshot displays the 'New Student' form within the Academic Management System (AMS) of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The interface is logged in as 'MR. ADMIN (Admin)'. A dropdown menu titled 'Choose Discipline Wise Students' is open, showing a list of disciplines including 'All Discipline', 'ABT - Animal Biotechnology', 'AE - Aquatic Environment', 'AFRM - Aquaculture and Fisheries Resource Management', 'AGB - Animal Genetics and Breeding', 'AGECO - Agricultural Economics (Animal Husbandry)', 'AGEN - Animal Genomics', 'ANH - Anatomy & Histology', and 'ANIN - Animal Nutrition'. The form fields include 'User Id' (with a 'Select User Id' button), 'Discipline' (with a 'Please Select' dropdown), 'Institute' (with a 'Please Select' dropdown), 'Degree' (with a 'Select Degree' dropdown), 'Enrollment Date' (with a date picker), and 'AMS Reg No.' (with a text input field). A 'Session time left: 30 minutes' warning is visible in the top left corner. The bottom right corner shows an 'Activate Windows' watermark.

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 'Add Faculty' form within the 'Academic Management System' of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The interface includes a top navigation bar with a logo, system name, and user information (MR. ADMIN (Admin) with a Logout button). A left sidebar menu contains options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area is titled 'Add Faculty' and features a 'Show/Hide' button. Below this is the 'FACULTY INFORMATION' section, which includes a 'Faculty' dropdown menu with a search icon and a list of names (Dhiraj Kumar - VAHEE, Sreekala S Mohandas - VMB). There are also dropdown menus for 'Specialization' and 'Research area'. At the bottom right, there is a 'Windows' activation notice.

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 'Add New Guide From Faculty' page in the Academic Management System of Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The user is logged in as MR. ADMIN (Admin). The page features a sidebar menu with options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area has a 'Discipline' dropdown menu set to 'AGB - Animal Genetics and Breeding' and a 'Submit' button. Below this, a table titled 'Existing Guide For Discipline : AGB - Animal Genetics and Breeding (AGB)' displays a list of guides with columns for Guide Name, Guide Type, Guide Posting Place, and a 'Remove From Guide' button. The table lists four guides: BHARTI DESHMUKH, MADAN LAL MEHRA, OM PRAKASH KAILA, and SIMARJEET KAUR, all of whom are Professors at the College of Veterinary Science, Ludhiana or Khalsa College of Veterinary & Animal Sciences, Amritsar.


Guide Name	Guide Type	Guide Posting Place	Remove From Guide
BHARTI DESHMUKH	Professor	College of Veterinary Science, Ludhiana	Remove From Guide
MADAN LAL MEHRA	Professor	Khalsa College of Veterinary & Animal Sciences, Amritsar	Remove From Guide
OM PRAKASH KAILA	Professor	Khalsa College of Veterinary & Animal Sciences, Amritsar	Remove From Guide
SIMARJEET KAUR	Professor	College of Veterinary Science, Ludhiana	Remove From 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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

Home
Add New Update
User Search
Change Role

Logged in as :
MR. ADMIN (Admin)

Logout

Menu

Session time left: minutes.

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifying Exam

Add New Professor From Guide / Faculty

Discipline

AGB - Animal Genetics and Breeding

Submit

Existing Professor For Discipline : AGB - Animal Genetics and Breeding (AGB)


Professor Name	Professor Type	Professor Posting Place	Remove Professor
BHARTI DESHMUKH	Professor	College of Veterinary Science, Ludhiana	Remove Professor
MADAN LAL MEHRA	Professor	Khalsa College of Veterinary & Animal Sciences, Amritsar	Remove Professor
OM PRAKASH KAILA	Professor	Khalsa College of Veterinary & Animal Sciences, Amritsar	Remove Professor
SIMARJEET KAUR	Professor	College of Veterinary Science, Ludhiana	Remove 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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

Home
Add New Update
User Search
Change Role

Logged in as :
MR. ADMIN (Admin)

Logout

Menu

Session time left: minutes.

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifying Exam

Add New Head From Guide / Faculty

Discipline

AGECO - Agricultural Economics (Animal Husbandry)

Submit

Existing Head For Discipline : AGECO - Agricultural Economics (Animal Husbandry) (AGECO)

No Records

Existing Faculty/Guide For Discipline : AGECO - Agricultural Economics (Animal Husbandry) (AGECO)


Faculty/Guide Name	Faculty/Guide Type	Faculty/Guide Posting Place	Add To Head
INDERPREET KAUR	Faculty	College of Dairy Science and Technology, Ludhiana	Add To Head
NITIN SUDHAKAR WAKCHAURE	Faculty	College of Dairy Science and Technology, Ludhiana	Add To Head
VARINDER PAL SINGH	Faculty	College of Dairy Science and Technology, Ludhiana	Add To Head

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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

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

Add College/Institute

College/Institute Name:

Acronym:

Place (City):

State:

Address:

Pincode:

[Save](#) [Cancel](#)

Total Entries: 10

Action	inst_Id	Name	Acronym	City	State	Address	Pincode
Update	1	Guru Angad Dev Veterinary and Animal Sciences University	GADVASU	Ludhiana	PUNJAB	Ferozpur Rd, Ludhiana, Punjab 141004	141004
Update	2	College of Dairy Science and Technology	CDST	Ludhiana	PUNJAB	Ludhiana, Punjab 141004	141004
Update	3	Veterinary Polytechnic Kaljharani	VPK	Bathinda	PUNJAB	Bathinda, Punjab 151401	151401
Update	4	College of Fisheries	COF	Ludhiana	PUNJAB	Ludhiana, Punjab 141004	141004
Update	5	College of Veterinary Science	CVS	Ludhiana	PUNJAB	Ludhiana, Punjab 141001	141004
Update	6	College of Animal Biotechnology	CAB	Ludhiana	PUNJAB	Ludhiana, Punjab 141001	141004
Update	7	Khalsa College of Veterinary & Animal Sciences	KCVAS	Amritsar	PUNJAB	Ram Tirath Rd, Near Guru Nanak Dev University, Makka Singh Colony, Amritsar, Punjab 143001	143001
Update	8	Baba Hira Dass Ji College of Veterinary Pharmacy	BHDCVP	Muktsar	PUNJAB	VPO Badal, Distt. Muktsar Punjab 152113	152113
Update	9	College of Veterinary Science	CVSRP	Rampura Phul, Bathinda	PUNJAB	Rampura Phul, Bathinda, Punjab-151103	151103
Update	10	University Library	UL	Ludhiana	PUNJAB	Guru Angad Dev Veterinary & Animal Sciences university Ludhiana	141004

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 'Add New Professor Head From Guide / Faculty' page. The header includes the university logo, name, and login status (MR. ADMIN (Admin)). A sidebar menu on the left contains options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area has a 'Discipline' dropdown menu set to 'AE - Aquatic Environment' and a 'Submit' button. Below this, it states 'Existing Professor Head For Discipline : AE - Aquatic Environment (AE)' and shows a 'No Records' message. Further down, it lists 'Existing Faculty/Guide For Discipline : AE - Aquatic Environment (AE)' in a table.

Faculty/Guide Name	Faculty/Guide Type	Faculty/Guide Posting Place	Allocate Professor Head
ANUJ TYAGI	Faculty	College of Fisheries, Ludhiana	Allocate Professor Head
NAVEEN KUMAR B T	Faculty	College of Fisheries, Ludhiana	Allocate Professor Head
SHANTHANAGOUDA A. HOLEYAPPA	Faculty	College of Fisheries, Ludhiana	Allocate Professor Head

Fig. 3.8 Add New Professor from 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 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. The user is logged in as 'MR. ADMIN (Admin)'. The main menu on the left includes 'Quick Access', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Add New Dean From Faculty'. It contains two dropdown menus: 'Discipline' (set to 'ABT - Animal Biotechnology') and 'Faculty Name' (set to 'ANUJ TYAGI'). Below these are 'Submit' and 'Allocate Dean' buttons. A message states 'Existing Dean For Discipline : ABT - Animal Biotechnology (ABT)'. A large grey box with the text 'No Records' is displayed. At the bottom right, there is a 'Activate Windows' watermark.

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.

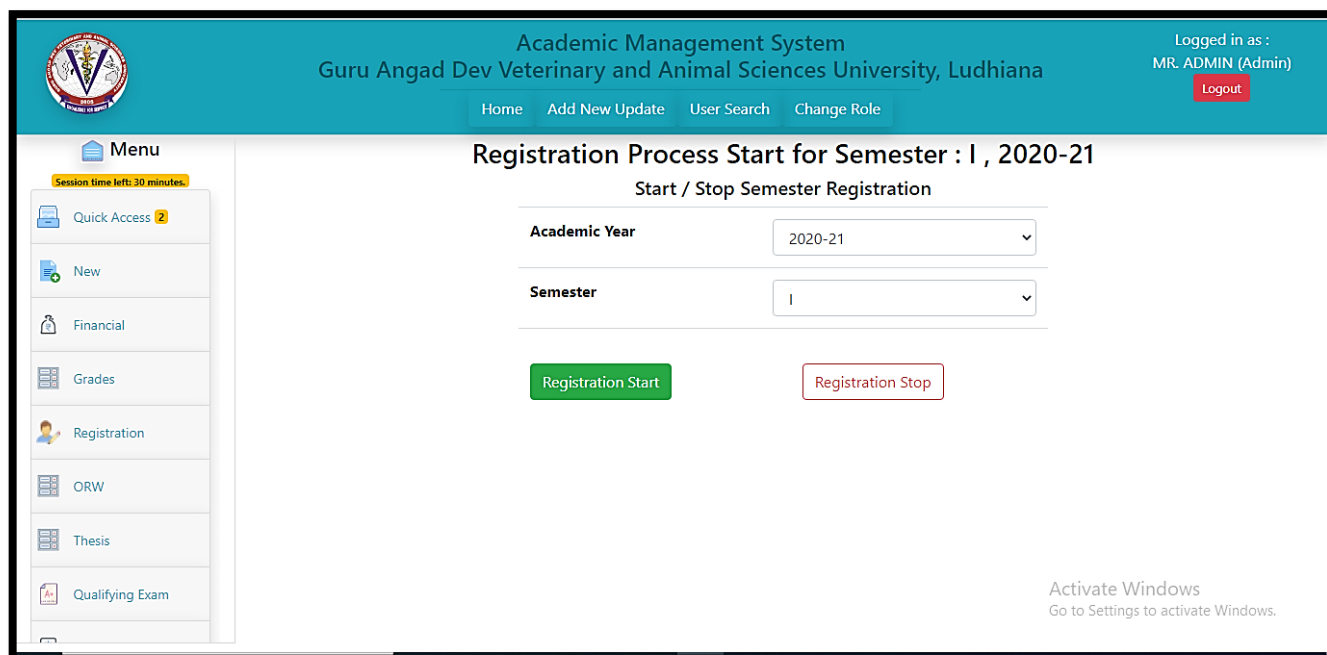



Fig. 3.10 Start/Stop Semester

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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

Home Add New Update User Search Change Role

Logged in as :
MR. ADMIN (Admin)
[Logout](#)

Menu

Quick Access 2

New

Financial

Grades

Registration

ORW

Thesis

Qualifying Exam

Assign Role to Faculty

Parent Discipline
AE - Aquatic Environment

Course Faculty
Dr. ANUJ TYAGI (AE)

UserType
Assistant

Sub Discipline
AE - Aquatic Environment

Assign Role

Multiple Role to Faculty Report


S.No.	Course Faculty	Allotted Discipline	UserType	Action
1	Dr. AJAYBIR SINGH DHALIWAL	Veterinary Surgery and Radiology	Teacher	Remove
2	Dr. AMANDEEP SHARMA	Dairy Engineering	Faculty	Remove
3	Dr. ANURADHA KUMARI	Dairy Chemistry	Faculty	Remove
4	Dr. BHARTI DESHMUKH	Animal Genetics and Breeding	Faculty	Remove
5	Prof. DR. RAJ SUKHBIR SINGH	Veterinary Medicine	Faculty	Remove
6	Dr. GOPIKA TALWAR	Dairy Engineering	Faculty	Remove
7	Mr. GURSHARN SINGH	Dairy Engineering	Faculty	Remove
8	Dr. HARSH PANWAR	Dairy Microbiology	Faculty	Remove
9	Dr. INDERPREET KAUR	Agricultural Economics (Animal Husbandry)	Faculty	Remove
10	Dr. MANDEEP SINGH SEKHON	Veterinary and Animal Husbandry Extension Education	Teacher	Remove
11	Dr. MANVESH KUMAR SIHAG	Dairy Chemistry	Faculty	Remove
12	Dr. MEERA D. ANSAL	Aquaculture	Head	Remove
13	Dr. MEERA D. ANSAL	Fisheries Resource Management	Head	Remove

Fig. 3.11 Assign New Roles to Faculty's

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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

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

What's New

Title

Description

Publish Date

Is File Upload

☒

Provide Link

[Save](#) [Reset](#)

Title	Description	Current Date	Publish Date	IsActive	Actions
STARTING SEMESTER	Semester Started On 1th Oct 2019	Monday, November 4, 2019	Monday, November 11, 2019	<input checked="" type="checkbox"/>	Link Edit Delete
NAHEP COMPONENT - 2	Sensitization Workshop On NAHEP Component -2 Activities And Implementation Of Academic Management System	Monday, November 4, 2019	Wednesday, November 6, 2019	<input type="checkbox"/>	Link Edit Delete
MARKS LIST	Fill Mark List Before 15th Nov 2019	Wednesday, November 6, 2019	Wednesday, November 6, 2019	<input type="checkbox"/>	Link Edit Delete

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.
- All details will display in gridview.

The screenshot displays the 'Academic Management System' interface for 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. 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 'Menu' sidebar on the left lists options: 'Quick Access 2', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'Discipline Wise Fees Details' and features three dropdown menus: 'Academic Year' (set to '2019-20'), 'Discipline' (set to 'AE - Aquatic Environment'), and 'Student Semester' (set to 'I'). A 'Print' button is located above the dropdowns. Below the 'Student Semester' dropdown, a 'Please Select' prompt is visible, with options 'I' and 'II' listed. A watermark 'Activate Windows' is present in the bottom right corner.

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 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. The user is logged in as 'MR. ADMIN (Admin)'. The left sidebar contains a menu with 'Reports' highlighted in red. The main content area is titled 'Discipline Wise Report' and includes two dropdown menus for 'Discipline' and 'Institute', both set to '---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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

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

Discipline Wise Report

Print

Discipline All

Institute Guru Angad Dev Veterinary and Animal...

☐ Faculty
☐ Professor
☐ Student
☒ Course
☐ Offered Courses
☐ Guide

Submit Reset


courseNo	theoryCredit	practicalCredit	disciplineld	Sem I	Sem II
00-2020	2	2	ANN	Yes	Yes
AGB-2020	3	1	AGB	Yes	Yes
BIOSTAT-521-2020	2	1	AGB	Yes	Yes
CS-212-2020	1	1	VSR	Yes	No
CS-214-2020	1	1	VSR	Yes	No
DC-111-2020	1	1	DC	Yes	No
DC-211-2020	1	1	DC	Yes	No
DC-311-2020	2	1	DC	Yes	No
DC-524-2020	2	1	DC	Yes	No
DC-591-2020	1	0	DC	No	No
DC-599-2020	0	20	DC	Yes	Yes
DM-111-2020	2	1	DM	Yes	No

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



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

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

Course Report

Academic Year

Semester

Institute

Discipline

[Submit](#) [Reset](#)

Course No	Course Name	Course Leader	L + P							
HRT-101-2019	Fundamentals of Horticulture	VILAS SUBBARAO KULKARNI	1L+1P							
				Roll No.	Student Name	Discipline	Faculty Approval	Guide Approval	Professor Approval	
				AMSUASM-10001	VIBOR TYAGI	Agriculture	No	No	No	


Activate Windows

Fig. 5.2 Discipline Wise Course Report

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.



Academic Management System
Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana

Home Add New Update User Search Change Role

Logged in as :
MR. ADMIN (Admin)
[Logout](#)

Menu

Session time left: minutes.

- Quick Access 2
- New
- Financial
- Grades
- Registration
- ORW
- Thesis

Print

Register Students Report

Registration Year: 2016

Degree: All

Institute: All

Gender: All

Category: All

[Submit](#) [Reset](#)

User Category	User Gender	Roll No.	Student Name	Discipline ID	Degree	Institute	User Email	User Mobile	User Approve Date
OBC	Male	AMSACDM-10001	AJAYKUMAR S Y	AEC	M.Sc.(Agri)	College of Agriculture, Dharwad	ajaykumaryekdaspur@gmail.com	8861498649	12/7/2019 10:27:35 AM
GEN	Male	AMSUASM-10001	vibor tyagi	AG	B.Sc.(Hons)	ACD	tyagi.vibhor@gmail.com	9758220025	11/29/2019 3:21:06 PM

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 'Academic Management System' interface for 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. The user is logged in as 'MR. ADMIN (Admin)'. The 'Faculty Allocation Report' form includes dropdown menus for 'Academic Year' (2019-20), 'Discipline' (Aquatic Environment), and 'Institute' (Guru Angad Dev Veterinary and Animal...). 'Submit' and 'Reset' buttons are at the bottom of the form. A sidebar menu on the left contains options like 'Quick Access', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. A Windows taskbar is visible at the bottom.

Course No	Course Name	Trimester	Course Instructor(s)
HRT-101-2019	Fundamentals of Horticulture	I	VILAS SUBBARAO KULKARNI

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 displays the 'Academic Management System' interface for Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The top navigation bar includes links for Home, Add New Update, User Search, and Change Role. A left sidebar menu lists various system functions: Quick Access (2), New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area is titled 'View User' and features a 'Print' button and a 'User Type' dropdown menu set to 'Faculty'. Below this, a 'Submit' button is visible. A table displays the faculty details report with the following data:

S.No	UserId	User Name	Father Name	User Email
1	pandeyabhed	Dr. Abhed Pandey	Ram Deo Pandey	pandeyabhed@yahoo.com
2	abhifish2000	Dr. Abhishek Srivastava	Triloki N Srivastava	abhifish2000@yahoo.com

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 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. 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 on the left lists various menu items: 'Grades', 'Registration', 'ORW', 'Thesis', 'Qualifying Exam', 'Reports', 'Update Student', and 'Update Student Report' (which is highlighted). The main content area is titled 'Update Student Information' and contains three dropdown menus: 'Discipline' (set to 'Animal Biotechnology'), 'Enrollment Year' (set to '2019'), and 'Degree' (set to 'B.F.Sc'). Below these fields are 'Submit' and 'Reset' buttons. An 'Activate Windows' watermark is visible in the bottom right corner.

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.

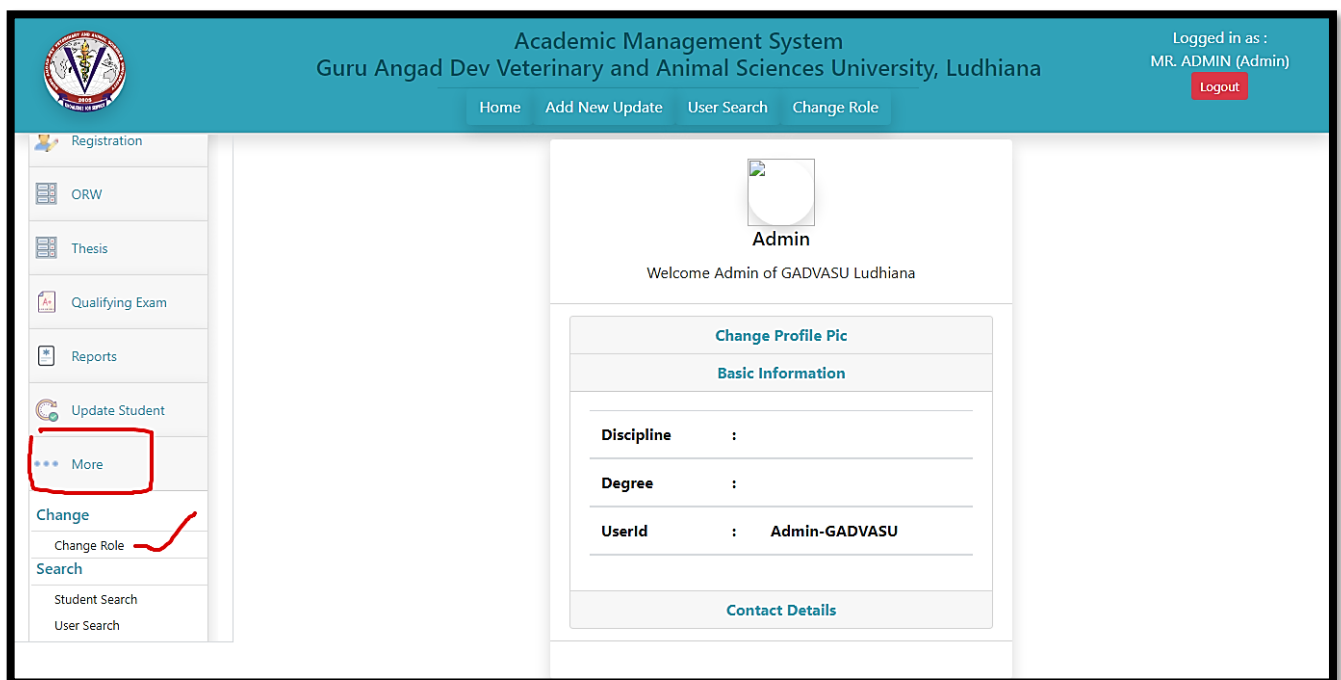


Fig. 7 More Features

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.

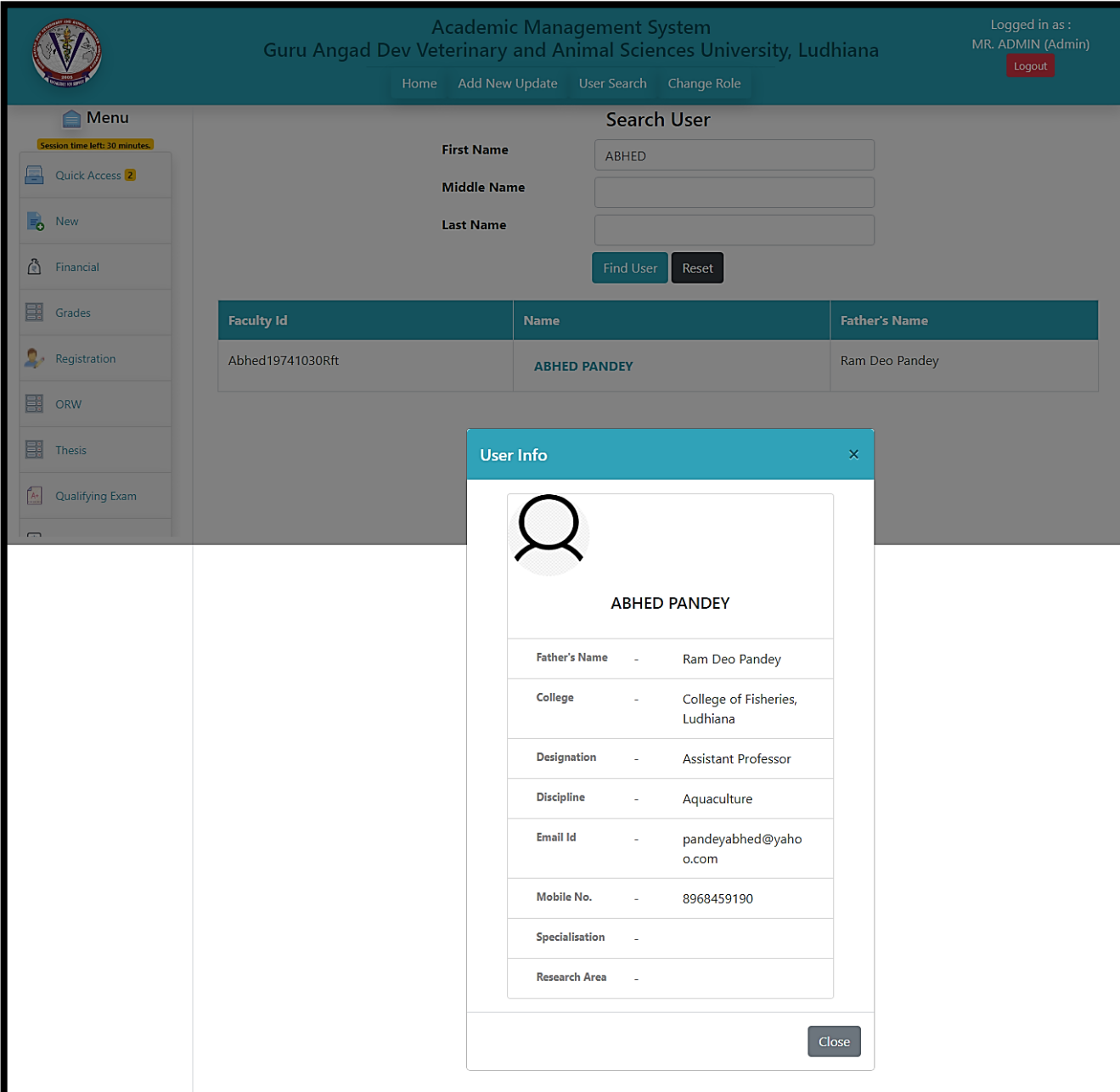
The screenshot displays the 'Academic Management System' interface for 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. The user is logged in as 'MR. ADMIN (Admin)'. The top navigation bar includes links for 'Home', 'Add New Update', 'User Search', and 'Change Role'. The left sidebar contains a menu with 'Reports', 'Update Student', 'More', 'Change' (with 'Change Role' highlighted), 'Search' (with 'Student Search', 'User Search', 'Course Search', and 'Thesis Search'), 'Course Evaluation Proforma', 'Add/Modify Questions', and 'Related Links'. The main content area is titled 'Change Role' and contains a form with the following fields: 'Discipline' (set to 'ABT - Animal Biotechnology'), 'User Type' (set to 'Faculty'), 'Institute' (set to 'CDST - College of Dairy Science and Technology'), and 'Users' (set to 'Select User'). 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)' and a 'Roll No.' input field, followed by a 'Find Student' button. A Windows watermark is visible in the bottom right corner.

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 (AMS) interface for Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The user is logged in as MR. ADMIN (Admin). The interface includes a sidebar menu with options like Quick Access, New, Financial, Grades, Registration, ORW, Thesis, and Qualifying Exam. The main content area shows the 'Search User' section with input fields for First Name, Middle Name, and Last Name. The 'Find User' button is clicked, resulting in a table of search results.

Faculty Id	Name	Father's Name
Abhed19741030Rft	ABHED PANDEY	Ram Deo Pandey

A 'User Info' modal is open, displaying the profile of ABHED PANDEY. The modal includes a profile picture placeholder and a list of user details:

- Father's Name: Ram Deo Pandey
- College: College of Fisheries, Ludhiana
- Designation: Assistant Professor
- Discipline: Aquaculture
- Email Id: pandeyabhed@yahoo.com
- Mobile No.: 8968459190
- Specialisation: -
- Research Area: -

The modal also features a 'Close' button at the bottom right.

Fig. 7.2 Student Search

8. Add Master Trainer Information

To add master trainer information.

The screenshot displays the 'Academic Management System' interface for 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. 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 'Quick Access', 'New', 'Financial', 'Grades', 'Registration', 'ORW', 'Thesis', and 'Qualifying Exam'. The main content area is titled 'ADD MASTER TRAINER INFORMATION' and contains a form with the following fields: 'Institute' (dropdown menu showing 'College of Dairy Science and Technology, Ludhiana'), 'Designation' (dropdown menu showing 'Assistant Professor'), 'Nominee Name' (text input field with placeholder 'Name of Trainer'), 'Phone Number' (text input field with placeholder 'mobile no'), 'Email ID' (text input field with placeholder 'email id'), and 'Unit Head Email ID' (text input field with placeholder 'unit head email id'). A blue 'Add Master Trainer' button is located below the form. Below the form is a section titled 'MASTER TRAINER LIST' which is currently empty.

Fig. 8 Add Master Trainer Information