



ACADEMIC MANAGEMENT SYSTEM

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

Student Reference Manual



**GADVASU,
Ludhiana**

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Table of Contents

1. Introduction	1
1.1 Activity Diagram for using Academic Management System (AMS)	2
2. Student Account.....	3
2.1 Register As A Student	3
2.2 Guidelines for Filling Up Registration Form.....	4
3. Access Home Page of AMS.....	5
4. Login as Student	6
4.1 Student Qualification Editing/Updating	7
4.2 Student Update/Edit Basic Profile.....	7
5. Fee Payment Module to the Student.....	10
6. Plan of Post Graduate Work (PPW).....	11
6.1 Choosing Minor Discipline	12
6.2 Selecting Course	13

List of Figures

Figure 1.1 Activity Diagram for using Academic Management System (AMS).....	2
Figure 2.1 Registration Page.....	3
Figure 2.2 - Registration Successfully.....	4
Figure 3 - Home Page of the Academic Management System.....	5
Figure 4 - Login as Student.....	6
Figure 4.1 - Student Profile Editing/Updating	7
Figure 4.2(a) Student Update/Edit Basic Profile	8
Figure 4.2(b) Student Update/Edit Basic Profile	9
Figure 4.2(c) Student Verify Email id	10
Figure 5 Fee Payment Module.....	11
Figure 6.1 Choosing Minor Discipline	12
Figure 6.2 Selecting Course.....	13
Figure 6.3(a) links for Selecting Advisory Committee Members.....	15
Figure 6.3(b) Advisory Committee Members.....	16
Figure 6.4 Plan of Post Graduate Work (PPW).....	17

1. Introduction

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, Student, Teacher, Student, Administrators and Officials for performing their assigned tasks. This system has been designed in a modular approach with in-built work flows. AMS 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, Student 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.

1.1 Activity Diagram for using Academic Management System (AMS)

In AMS student members can registered himself/herself through the registration page, after that they can access their profile's only after admin approval.

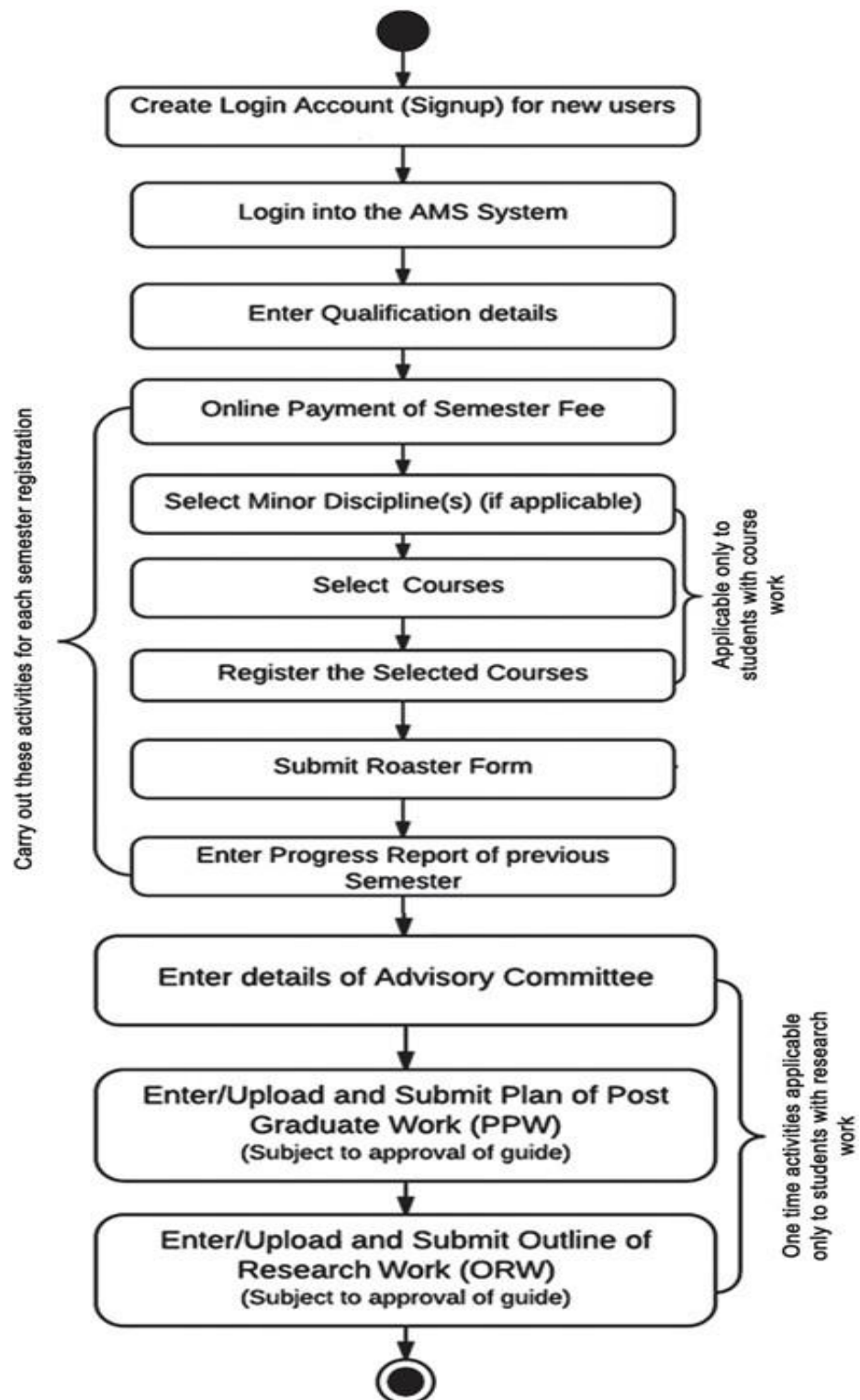


Fig. 1.1 Activity Diagram for using Academic Management System (AMS)

2. Student Account

In AMS student members can registered himself/herself through the registration page, after that they can access their profile's only after admin approval.

2.1 Registered as a Student

Student will have to registered as a student member from the registration page. Then only admin approved as a student, student can login into their profile.

The screenshot displays the 'Academic Management System' registration page for 'Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana'. The page features a green header with the university's logo and name. Below the header is a navigation bar with links for 'HOME', 'NAHEP', and 'CONTACT US'. The main content area is titled 'USER REGISTRATION' and contains a comprehensive form for student registration. The form is organized into several sections with labels in blue text. The first section includes fields for 'User Type' (a dropdown menu set to 'Student'), 'User ID/Username' (text input with 'Midhun'), 'Password', and 'Confirm Password'. The second section captures personal details: 'Title' (dropdown), 'First Name', 'Middle Name', and 'Last Name'. The third section includes 'Father Name', 'Mother Name', and 'Religion' (dropdown). The fourth section covers 'Gender' (dropdown), 'Category' (dropdown), and 'Physically Challenged?' (dropdown). The fifth section includes 'Date of Birth' (calendar icon), 'Blood Group' (dropdown), 'Degree' (dropdown), 'Discipline' (dropdown), and 'Semester/Year' (dropdown). The sixth section includes 'Select College' (dropdown), 'Aadhaar Number' (text input), 'Email ID' (text input with 'midhun@g.com'), and 'Mobile No' (text input). The seventh section includes 'Bank A/C No', 'Bank Name & Branch', and 'IFSC Code'. The eighth section includes 'Address Official/Correspondence' and 'Permanent Address (with a checkbox for 'Same as correspondence address')'. The ninth section includes 'Country' (dropdown) and 'Domicile State' (dropdown). A green 'Next' button is located at the bottom of the form. The footer of the page contains the ICAR logo, the text 'AMS Version 2.0', 'Implemented Under NAHEP Component-II', 'Division of Computer Applications', and the address 'ICAR-IASRI, Library Avenue, Pusa, New Delhi - 110 012 (INDIA)'.

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

HOME NAHEP CONTACT US

USER REGISTRATION

*User Type
Student

*User ID/Username
Midhun

*Password
Password

*Confirm Password
Confirm Password

*Title
Title

*First Name
First Name

Middle Name
Middle Name

Last Name
Last Name

*Father Name
Father Name

*Mother Name
Mother Name

*Religion
Religion

*Gender
Gender

*Category
Select Category

*Physically Challenged?
Physically Challenged

*Date of Birth
DD-MM-YYYY

*Blood Group
Blood Group

*Degree
Degree

*Discipline
Discipline

*Semester/Year
Sem/Year

*Select College
Select College

Aadhaar Number
Aadhar No

*Email ID
midhun@g.com

*Mobile No
Mobile No

Bank A/C No
Bank A/C No

Bank Name & Branch
Bank Name & Branch

IFSC Code
IFSC Code

*Address Official/Correspondence
Address Official/Correspondence

*Permanent Address (☐ Same as correspondence address)
Address Permanent

*Country
Country

*Domicile State
Domicile State

Next

AMS Version 2.0
Implemented Under NAHEP Component-II
Division of Computer Applications
ICAR-IASRI, Library Avenue, Pusa, New Delhi - 110 012 (INDIA)

Fig. 2.1 Registration Page

2.2 Guidelines for Filling Up Registration Form

- In the field ***Create User Name/ID** user has to create a login account which will be used to access the system. The user may select the User Name/ID of his/her choice. Student are advised to remember/ retain the created User Name/ID for future reference.
- Enter your first name in the textbox next to ***First Name** label.
- Enter your father's name in the textbox next to ***Father's Name** label. Please don't prefix the father name with Sh., Mr. or Dr.
- ***Password** must be at least 7 characters long and must include special characters.
- Use calendar to enter ***D.O.B.**
- After filling all the required details, click on **next** button to preview all the related information. Then click on preview button after verified all the information if it is correct click on **submit button**.
- After the request has been sent to the admin, then admin approved that request as a student, head, professor or guide.

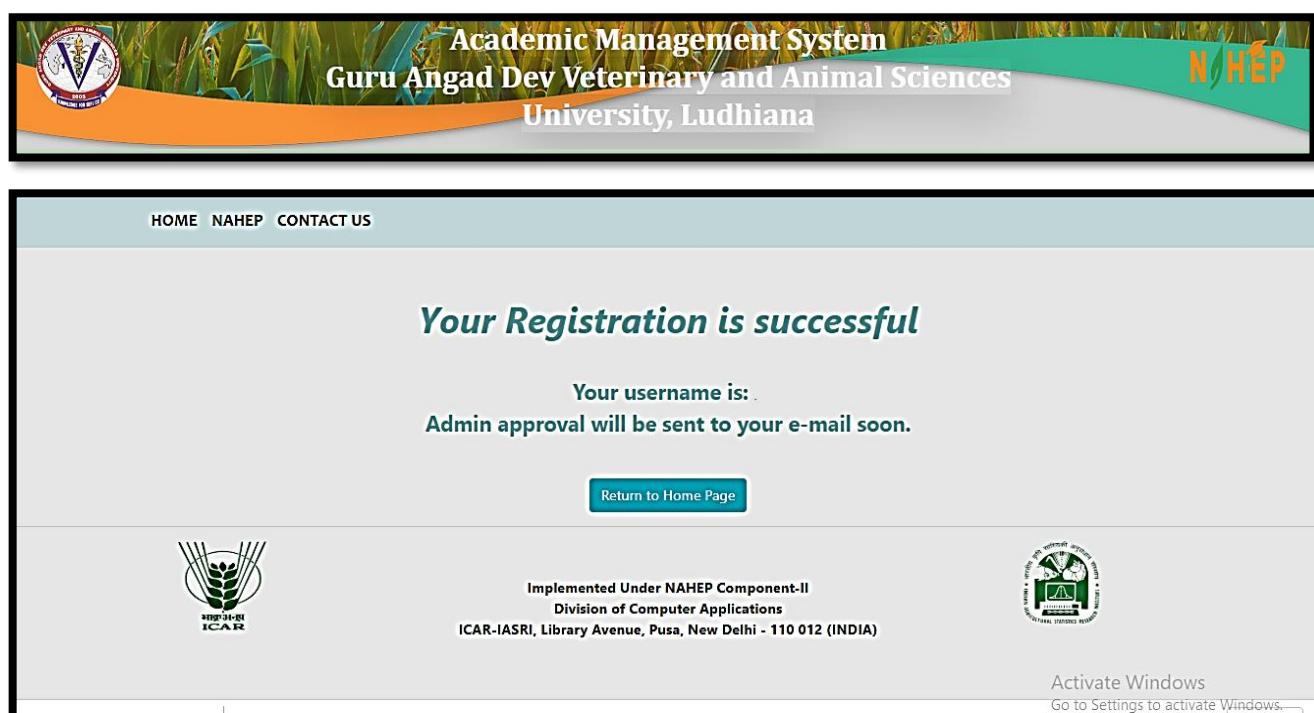


Fig. 2.2 Registration Successfully

3. 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.

The screenshot displays the homepage of the Academic Management System (AMS) for Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana. The header features the university's logo on the left, the title "Academic Management System" in the center, and the university's name below it. A navigation bar includes links for "HOME", "NAHEP", and "CONTACT US". A green banner at the top right mentions "NAHEP". Below the navigation bar, there is a section for "Events of GADVASU Ludhiana" with a photo of the university entrance. To the right of this section are "Login" and "Register" buttons. Further right, a text block provides information about the university's establishment in 2005 and its focus on livestock production, health, and disease prevention, with links for "More About AMS & GADVASU, Ludhiana". Below the main content area, there are two green boxes: "New Updates" with a clock icon and a bullet point stating "Semester Started on 1st Oct 2019", and "Resources" with a book icon and a list of documents: "White Book", "Reference Manual (Admin)", "Reference Manual (Faculty)", "Reference Manual (Students)", and "Academic Calendar 2020-21". The footer contains the ICAR logo on the left, the text "AMS Version 2.0 Implemented Under NAHEP Component-II Division of Computer Applications ICAR-IASRI, Library Avenue, Pusa, New Delhi - 110 012 (INDIA)" in the center, and another logo on the right.

Fig. 3 Home Page of the Academic Management System

4. Login as Student

After administrator approval student will receive an email in which user id and password is mentioned. By using them student can easily access their profile.

- Student open the URL into the Web browser.
- Enter the University URL.
- On home page click on login button then enter userid and password then click on **login button**.

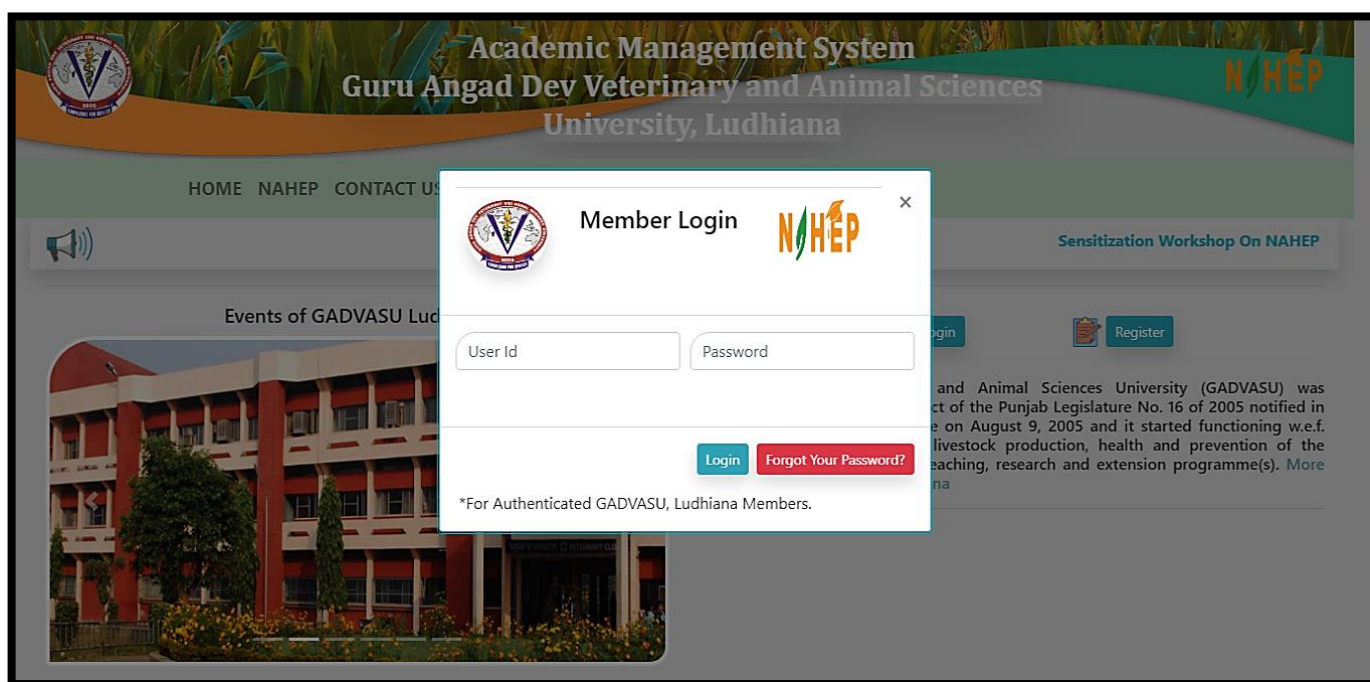


Fig. 4 Login as Student

4.1 Student Qualification Editing/Updating

Students have the rights to change his/her Profile information.

- To enter qualification information, click on **Personal menu**.
- Click on qualification menu and then fill all the information related to the fields.

- After complete all the information click on **submit button** to save all the correct information related to student.

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

Logged in as :
MR. AADISH (Student)
[Logout](#)

Menu

- Quick Access
- Personal
- Financial
- Course
- Grades
- Course Time Table
- Related Links
- [Logout](#)

[Show Qualification Grid](#)

Degree	---Please Make a Selection--
Specialization	
Roll No.	
Marks Category	---Please Make a Selection--
Marks Obtained	
Total Marks	
Year of Passing	2006
Subject	
University Category	---Please Make a Selection--
University Name	---Please Make a Selection--
University Name (If Selected Others)	
Attach Transcript	<input type="button" value="Choose File"/> No file chosen
	Submit

Fig. 4.1 Student Profile Editing/Updating

4.2 Student Update/Edit Basic Profile

Student can update their profile by this menu option

- Click on **personal menu** in the navigation bar.
- Click on **edit basic profile**.
- In this edit basic profile. There are three options are providing to the student member.
- **Update Profile, Change Password, Verified Email id.**
- **Update Profile** is provided to update student profile information.
- **Change Password** is provided to change password.
- **Verified Email id** is provided to verified email id of the student member.

UPDATE DETAILS

User Type		Username	
<input type="text" value="st"/>		<input type="text" value="Aadishubveja12"/>	
Title	First Name	Middle Name	Last Name
<input type="text" value="Mr."/> ▼	<input type="text" value="Aadish"/>	<input type="text" value="Middle Name"/>	<input type="text" value="Last Name"/>
Father Name		Mother Name	
<input type="text" value="Rajesh Kumar"/>		<input type="text" value="Seema Rani"/>	
Gender	Category	Physically Challenged?	
<input type="text" value="Male"/> ▼	<input type="text" value="GEN - General"/> ▼	<input type="text" value="No"/> ▼	
Date of Birth		Blood Group	
<input type="text" value="22-11-2000"/>		<input type="text" value="B+"/> ▼	
Degree		Discipline	
<input type="text" value="B.V.Sc. & A.H."/>		<input type="text" value="Bachelor of Veterinary Sciences"/>	

Fig. 4.2(a) Student Update/Edit Basic Profile

- To change password, click on change password.
- Enter current password then only enter new and confirm password.

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. AADISH (Student). A 'Change Password' modal form is open, requiring the user to enter their current password, a new password, and confirm the new password. The form includes 'Close' and 'Save Password' buttons. In the background, the user's profile information is visible, including their degree (B.V.Sc. & AH) and enrollment date (23/09/2019). At the bottom, there are buttons for 'Update Profile', 'Change Password', and 'Verify Email Id'.

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

Logged in as :
MR. AADISH (Student)
[Logout](#)

Menu

- Quick Access
- Personal
- Financial
- Course
- Grades
- Course Time Table
- Related Links
- [Logout](#)

Change Password

Enter Your Current Password

Old Password

New Password **Confirm Password**

New Password Confirm New Password

[Close](#) [Save Password](#)

Degree : B.V.Sc. & AH

Enrollment Date : 23/09/2019

[Contact Info](#)

[Update Profile](#) [Change Password](#) [Verify Email Id](#)

Fig. 4.2(b) Student Update/Edit Basic Profile

- To verified email id, enter registered email id and then click on get OTP.
- After that OTP will send to your email id, then user enter that OPT to change their password.

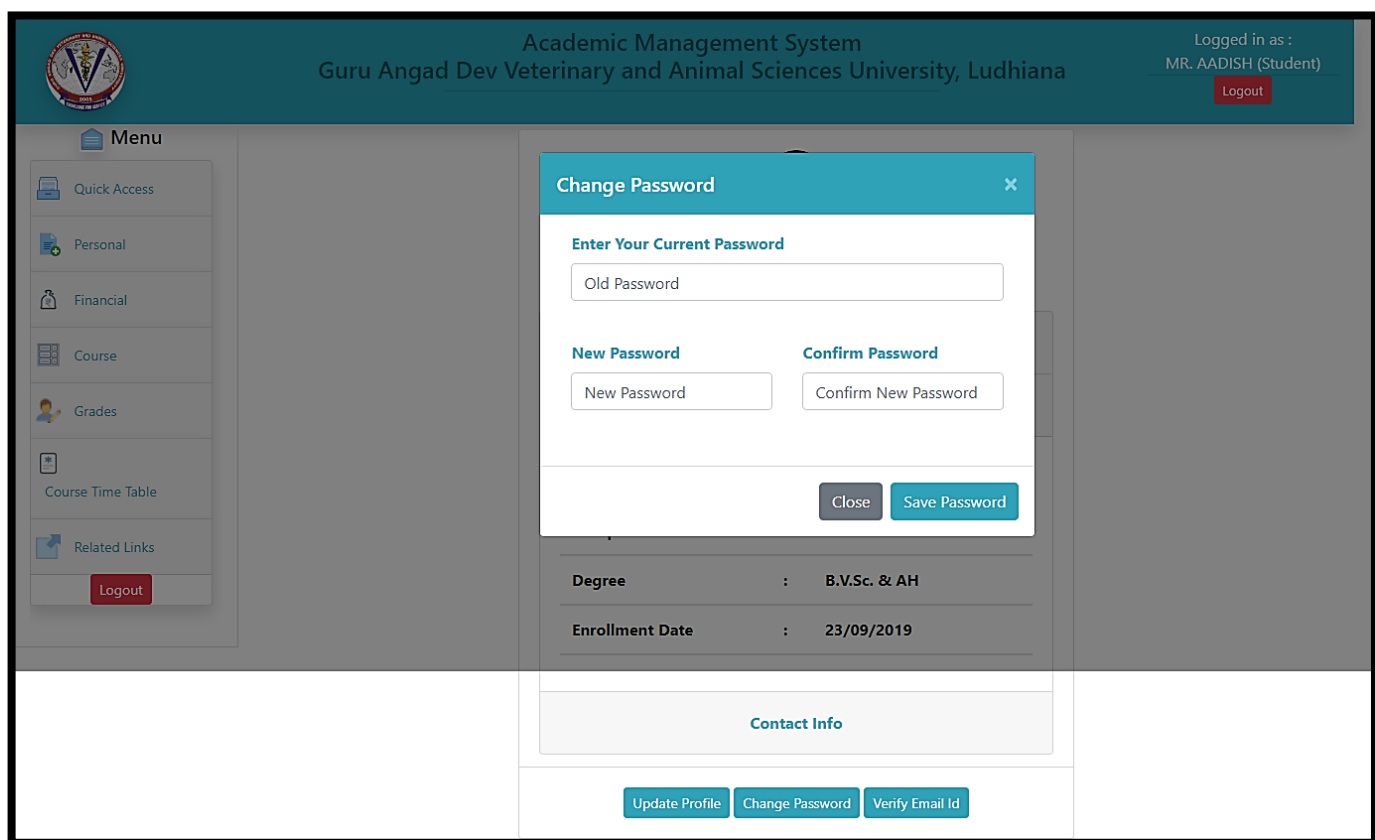



Fig. 4.2(c) Student Verify Email id

5. Fee Payment Module to the Student

The students can pay semester fee and other type of fee such as re-totaling, supplementary, due hostel charges in offline mode. The fee submission details will be submitted offline in by Clicking on **Financial menu option and then click on Fees.** Menu tab.



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

Logged in as :
MR. AADISH (Student)

Logout

Menu

- Quick Access
- Personal
- Financial
- Course
- Grades
- Course Time Table
- Related Links

Logout

Fees Information of Mr. AADISH
Roll No: AMSCVSB-10001

Student Semester	Select
Academic Year	Select
Fee Rs.	
Fee Date	<div>Day</div> <div>Month</div> <div>Year</div>
Bank Reciept No.	

Submit Reset

Student Fees Report

Fig. 5 Fee Payment Module

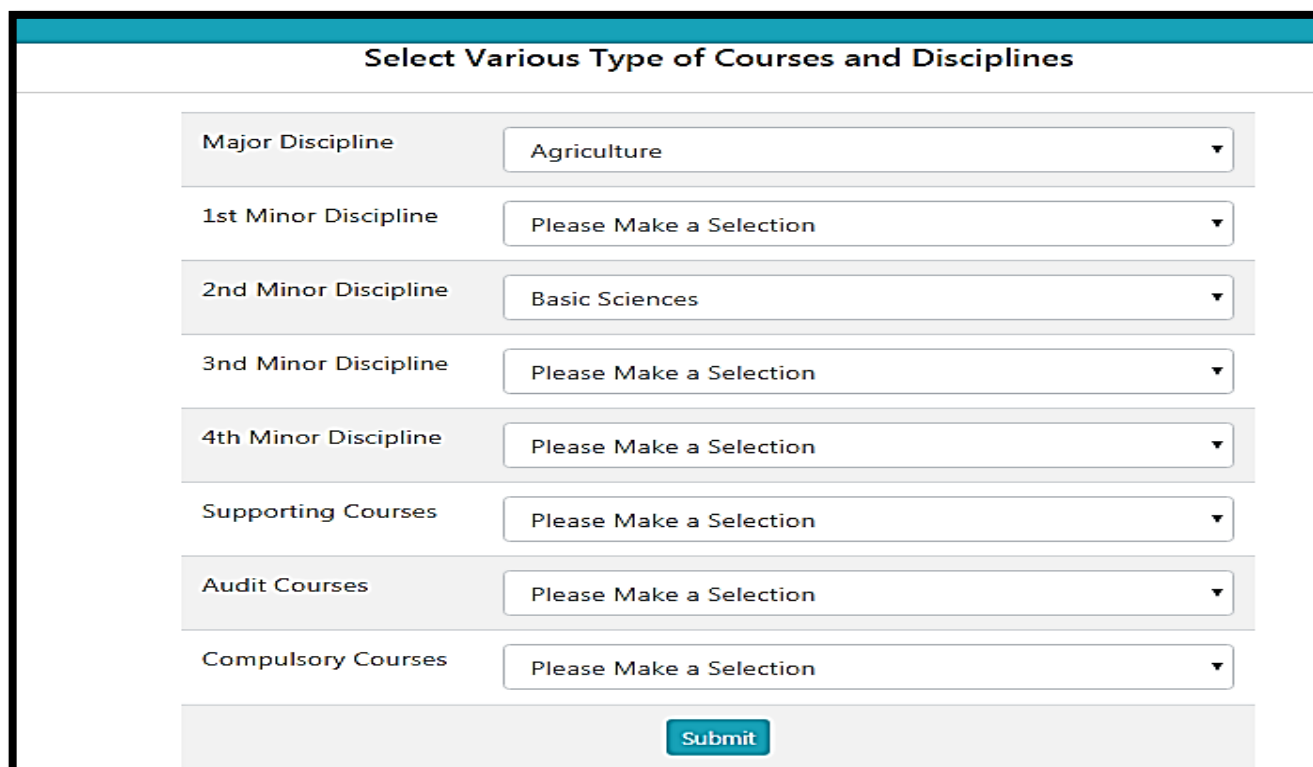
6. Plan of Post Graduate Work (PPW)

A student Plan of Post Graduate Work (PPW) contains various options for selection of minor discipline, major and minor courses, details of advisory committee, thesis problem and submission of PPW. The PPW submitted by a student needs to be approved in a sequence by his/her Advisory Committee Members, Guide, Professor & Head, Dealing Assistant, AAO, Academic In-charge and Dean of the discipline.

6.1 Choosing Minor Discipline

Student can choose his/her major/minor discipline by clicking on **PPW** and then click on **Minor Discipline**.

- As per requirement select first, second, third and fourth minor disciplines from the respective options '**First Minor Discipline**', '**Second Minor Discipline**', '**Third Minor Discipline**' and '**Fourth Minor Discipline**' dropdown menu.
- Select Supporting courses (if applicable) from **Supporting Courses** dropdown menu as per need. Select Audit courses (if applicable) from **Audit Courses** dropdown menu as per need.
- Select Compulsory courses (if applicable) from **compulsory Courses** dropdown menu as per need.
- After selecting relevant information click on '**Submit**' button.



The screenshot shows a web form titled "Select Various Type of Courses and Disciplines". It contains the following fields:

Field Label	Selected Value
Major Discipline	Agriculture
1st Minor Discipline	Please Make a Selection
2nd Minor Discipline	Basic Sciences
3rd Minor Discipline	Please Make a Selection
4th Minor Discipline	Please Make a Selection
Supporting Courses	Please Make a Selection
Audit Courses	Please Make a Selection
Compulsory Courses	Please Make a Selection

At the bottom of the form is a blue "Submit" button.

Fig. 6.1 Choosing Minor Discipline

6.2 Selecting Course

Student can choose/allocate his/her courses offered by the division/guide, by clicking on PPW and then click on Courses.

- Select academic year and semester from '**Academic Year**' and '**Semester**' Dropdown. and click on add semester.

Allocate Courses
Roll No: AMSBAUM-10004 Major Discipline: AG

Academic Year:

Semester:

Semester-AcademicYear	Course No.	Allocate	Delete
I-2015-16	No Records	Major Minor 1 Minor 2 Minor 3 Minor 4 Supporting Courses Compulsory Courses Audit Courses	<input type="button" value="Delete"/>
I-2016-17	No Records	Major Minor 1 Minor 2 Minor 3 Minor 4 Supporting Courses Compulsory Courses Audit Courses	<input type="button" value="Delete"/>
I-2019-20	No Records	Major Minor 1 Minor 2 Minor 3 Minor 4 Supporting Courses Compulsory Courses Audit Courses	<input type="button" value="Delete"/>
II-2016-17	No Records	Major Minor 1 Minor 2 Minor 3 Minor 4 Supporting Courses Compulsory Courses Audit Courses	<input type="button" value="Delete"/>


Fig. 6.2 Selecting Course

- After adding a semester, we can add new courses offered for that semester and academic year.

6.3 Constitution of Advisory Committee

After constitution of advisory committee, the student is supposed to enter details of his/her advisory committee members by clicking on **PPW** and then click on **Advisory Committee**.

- Next screen contains a links '**Choose Major Member**' '**Choose Minor1 Member**' '**Choose Other Member**' etc. for selecting members from major, minor and other disciplines.
- To select a member from major discipline, click on '**Choose Major Member**'.
- This will show next window containing '**Faculty Members**' and '**Advisory Committee Members**' list boxes.
- Select a faculty member name from '**Faculty Members**' list box and move it to '**Advisory Committee Members**' list box by **right move >> button**.
- A faculty member name in '**Advisory Committee Members**' list box may be moved back to
- '**Faculty Members**' list box by **left move << button**.
- Click on '**Save Changes**' button.
- The selected major faculty member will appear in a row below '**Choose Major Member**'
- In similar manner, members from remaining discipline may be selected.



Proposal for Constitution/Re-constitution of Advisory Committee

1.	Name of Student	vibhor tyagi
2.	ID No.& year of Admisssion	AMSBAUM-10004 (2019)
3.	Degree Programme and Subject	M.Tech. (AG)
4.	College	BIRSA AGRICULTURAL UNIVERSITY

Advisory Committee

Name & Designation	Approved Member
Chairman	
AG (Co-Chairman) Choose Co-Chairman Member Choose From Other Discipline Choose From Other College	
AG (Core) Choose Core Member Choose From Other Discipline Choose From Other College	
(Supporting/Minor 1)	
BS (Supporting/Minor 2) Choose Supporting 2 Member Choose From Other Discipline Choose From Other College	
(Supporting/Minor 3)	
(Supporting/Minor 4)	
(Supporting/Minor 5)	
(Optional)	
(Other)	

Fig. 6.3(a) links for Selecting Advisory Committee Members

Advisory Committee

Roll No :

AMSBAUM-10004

MEMBER

DEANKUMAR
GUIDEKUMAR
MANISHCHAUHAN
SHYAMXQ

>

<

SELECTED MEMBER

Save Changes

Back

Fig. 6.3(b) Advisory Committee Members

6.4 Submitting thesis abstract

Students are expected to submit his/her thesis abstract as a Plan of Post Graduate Work. To submit thesis abstract click on **PPW** then **click on Thesis Problem**. Kindly insure that there is no blank space in the file name to be uploaded. Click '**Submit**' button to upload the thesis abstract file and other information in the system.

Home
Personal
Financial
Course
Grades
PPW
Reports
OWR
More

Logged in as :
MR. VIBHOR (Student)

Print

Student POW

Student Name
Roll No.
Date of enrolment
Degree
Discipline
Core Discipline
Optional
Supporting Discipline 1
Supporting Discipline 2
Supporting Discipline 3
Supporting Discipline 4
Supporting Discipline 5
Compulsory
Other Field

vibhor tyagi
AMSBAUM-10004
24/04/2019
M.Tech.
Agriculture
Nil
Nil
Nil
Basic Sciences
Nil
Label
Label
No
No

Degree	Total Marks	Marks Obtained	University	Year of Passing	RollNo.
M.Tech.[cse]	100	73	Anand Agricultural University, Anand	2017	123

Tentative title of Thesis :

Aggriculture

Advisory Committee:

No Records

Course Work:

Core Discipline:

No Courses

Optional:

No Courses

Supporting Discipline 1:

No Courses

Supporting Discipline 2:

No Courses

Supporting Discipline 3:

No Courses

Supporting Discipline 4:

No Courses

Supporting Discipline 5:

No Courses

Compulsory Course:

No Courses

Non-Credit Compulsory Course:

No Courses

Other Field:

No Courses

No of Credits of Course:

Core Discipline Credits :

0

Optional Discipline Credits :

0

Supporting Discipline 1 Credits :

0

Supporting Discipline 2 Credits :

0

Supporting Discipline 3 Credits :

0

Supporting Discipline 4 Credits :

0

Supporting Discipline 5 Credits :

0

Compulsory Course Credits:

0

Non Credit Compulsory Course Credits:

0

Other Discipline Credits:

0

Total Credits:

0+0*

Submit POW

Fig. 6.4 Plan of Post Graduate Work (PPW)