

User Documentation

Faculty-Information-System

The software is Developed on Microsoft Visual studio 2013 using Visual basic and MS Access Database. For best experience, we advise user to download MS Access Database Engine 2010 Redistributable 32-bit in their system or they will experience some contraction glitches (part of VB.Net, nothing we can do) in the forms.

In the start of the application, there will be a software form, just click on the **Go** button to the search form.



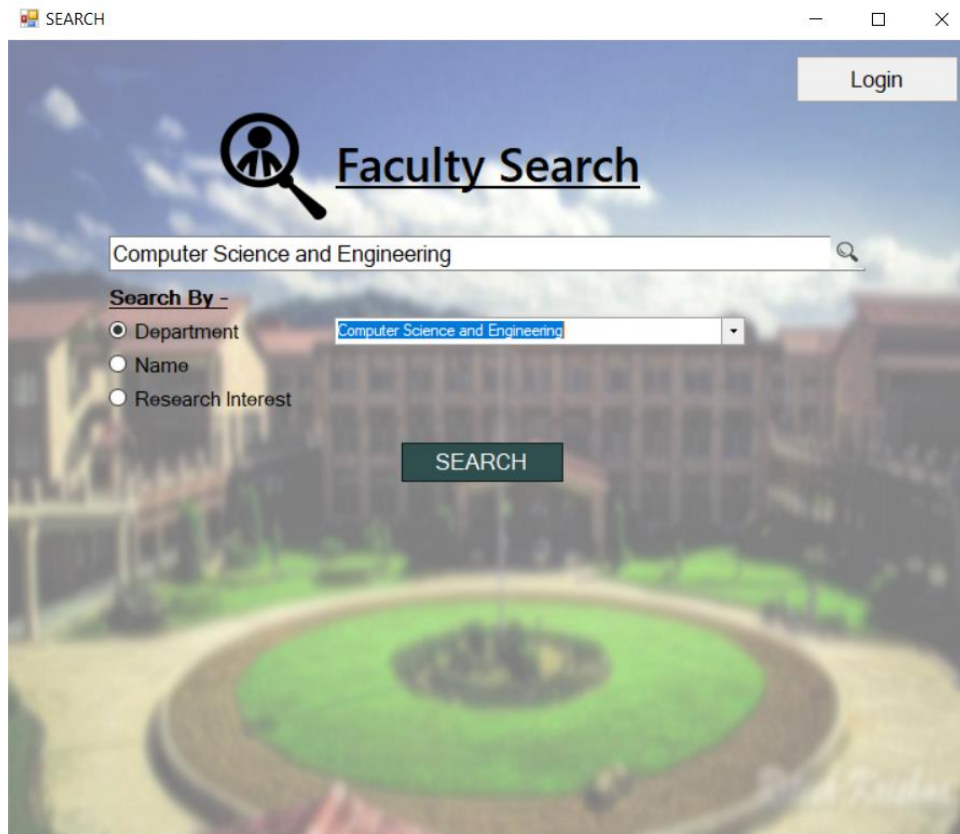
SEARCH FORM

Search form has three options to search by (the search will be substring search, which means even though you do not add exact name, it will still search)

1. **By Department:** - Search Professors by all the 11 departments in our Institute
2. **By Name:** - Search a Professor by simply adding a name/surname of the professor.



3. **By Research Interests:** - Search a Professor by research interests.

The search form will display the search results of all the matching professors, and there is a link at the end to view the page of the professor.



The screenshot shows a web browser window titled "SEARCH". The page features a background image of a university campus with a large green lawn and a building. In the top right corner, there is a "Login" button. The main heading is "Faculty Search", preceded by a magnifying glass icon over a person silhouette. Below the heading is a search input field containing the text "Computer Science and Engineering". Underneath the input field, there is a section titled "Search By -" with three radio button options: "Department", "Name", and "Research Interest". The "Department" option is selected, and a dropdown menu next to it displays "Computer Science and Engineering". A dark green "SEARCH" button is positioned below the search options. The browser window includes standard window controls (minimize, maximize, close) in the top right corner.

The screenshot shows a web browser window titled "SEARCH". The page has a blue header with a magnifying glass icon and the text "Faculty Search". A search bar contains the text "SV RAO". Below the search bar, there are radio buttons for "Search By -" with options: "Department", "Name" (selected), and "Research Interest". A "SEARCH" button is located below the search bar. In the top right corner, there is a "Login" button. Below the search results, there is a table with the following data:

Profile Photo	Name	Department	Email	View More
	SV RAO	Computer Science and Engi...	svrao@itg.ac.in	

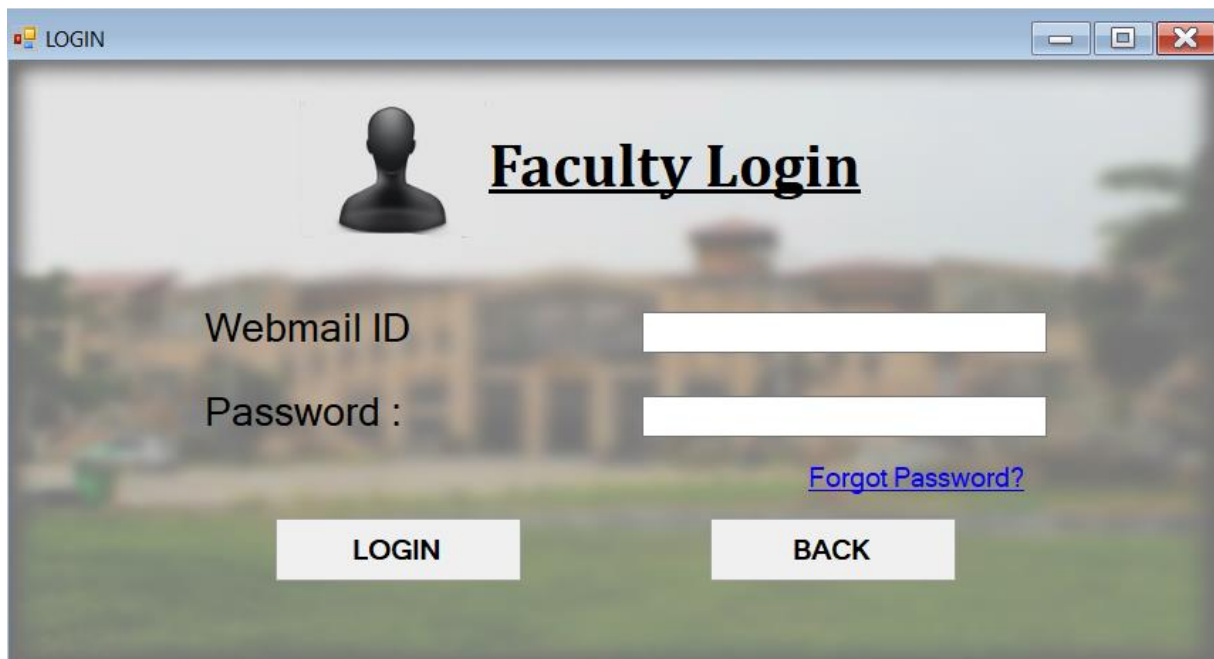
LOGIN PAGE

Now, for professors, they can login to view their dashboard in which they can change all the information that is displayed on their search result. We have initially given all the profs some random passwords, and their username is their webmail.

There is a feature of Reset Password, where an email will be sent to the Prof's webmail containing a Random password which will allow user to login. It is advisable to change the password after that.

There is an admin login feature. Admin can log in to the system by his login ID. Admin has the power to add a new professor and delete a professor. When

Admin adds a new professor, a mail will be sent to the professor, informing him of his password.

A screenshot of a web application window titled "LOGIN". The window has a blue header bar with standard window controls (minimize, maximize, close) on the right. The main content area has a blurred background image of a building. At the top center, there is a black silhouette of a person's head and shoulders. To the right of the silhouette, the text "Faculty Login" is displayed in a large, bold, black serif font, underlined. Below this, there are two input fields. The first is labeled "Webmail ID" and the second is labeled "Password :". To the right of the password field, there is a blue hyperlink that says "Forgot Password?". At the bottom of the form, there are two buttons: "LOGIN" on the left and "BACK" on the right, both in a light gray box with black text.


FACULTY DASHBOARD

This is a panel view, it has many different options. First professor can edit his personal details. Personal details consider Room Number, Designation, Telephone number, Additional Responsibility, Personal Homepage, can edit his research interests and can update his profile picture.



There's an option of Reset Password, professor can reset the random password we gave them. Old password is needed to reset password. If professor doesn't even remember the old password, he/she should avail the **forget password** facility in the Login Form. A mail will be sent to the professor containing a random password, it is advisable that the professor change his/her password immediately after logging in. ***The Admin should turn off the proxy connection of his/her machine before using this send mail feature or else there will be an error in sending the mail due to the proxy limitations of IITG Lan.***

View Page function will show the faculty page as seen by others. Professor can edit his view page by editing various fields.



SV RAO
Computer Science and Engineering

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

SV RAO
Professor
Computer Science and Engineering
Indian Institute of Technology, Guwahati

Professor
Department of Computer Science and Engineering
Indian Institute of Technology, Guwahati
North Guwahati-781039
INDIA
Email :
svrao@iitg.ac.in
Room :
H-205 Dept. of Computer Science and Engineering
Contact No. :
987654

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Ashish Anand
Assistant Professor
Computer Science and Engineering
Indian Institute of Technology, Guwahati

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Eduation

1. Phd,School of Electrical and Electronics Engineering,Nanyang Technological University,2009
2. Msc,Mathematics and Sc Computing,Indian Institute of Technology, Kanpur, India,2002

Experience

1. Associate Professor,Dept of Computer Sc and Engg, IIT Guwahati, India
2. Assistant Professor,Dept of Computer Sc and Engg, IIT Guwahati, Ind
3. Postdoctoral Research Fellow,Systems Biology Lab, Institute Pasteur Paris, France
4. Research Associate,Machine Learning Lab, School of Electriacal and Electronic Engg, Nanyang Technological Institute, Singapore
5. Project Associate, BSBE, IIT Kanpur, India

Professor can add his publications in Add Publications section, it can be seen in view page that his publications will be added automatically.



The screenshot shows a web application interface. At the top, a window title bar reads "Dashboard". Below it, a dark blue header contains the name "SV RAO", the title "Computer Science and Engineering", and the email "svrao@iitg.ac.in". A sidebar on the left features a profile picture of a man and a list of navigation buttons: "Add/Edit Personal Details", "View Page", "Add Publications" (highlighted in red), "Add Achievements", "Add Education", "Add News", "Add Courses", "Add Experience", "Reset Password", and "Logout". The main content area is a light gray form titled "Add Publications". It contains three input fields: "Topic", "Publication Year", and "Link". The "Link" field has a note "(This field is optional)" below it. An "UPDATE" button is positioned below the "Link" field. A vertical scrollbar is visible on the right side of the form.

Dashboard

SV RAO
Computer Science and Engineering
svrao@iitg.ac.in

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

Topic

Publication Year

Link

(This field is optional)

UPDATE

Similarly, Professor can add his/her achievements and view those previous achievements and the newly added achievements in his/her view page.

Dashboard



SV RAO
Computer Science and Engineering
svrao@iitg.ac.in

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

Title


Issued_By

Year

Update

Professor can add his Education by filling the required data and after clicking the add education button the data will be saved in the database.

Dashboard



Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

SV RAO

Computer Science and Engineering

svrao@iitg.ac.in

Degree :

Passing Year :

Institute :

Subject :

Add Education

View already filled education


Back

<

>

Professor can add the old and new courses both which he had taken or is currently taking.

Dashboard



SV RAO
Computer Science and Engineering
svrao@iitg.ac.in

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

Course Code

Course Name

Course URL

(This field is optional)

Semester


Taught Year

☐ Current Cou

☐ Old Course

Update

Professor can also add his past experience.



SV RAO
Computer Science and Engineering
svrao@iitg.ac.in

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

Position

Company/Institute

Start Month and Year

*Optional


End Month and Year

*Optional

Add

Professor is advised to change his/her password after the first login as for security purpose.

Dashboard



SV RAO
Computer Science and Engineering
svrao@iitg.ac.in

Add/Edit Personal Details

View Page

Add Publications

Add Achievements

Add Education

Add News

Add Courses

Add Experience

Reset Password

Logout

Password Reseter

Old Password

New Password

Confirm Password

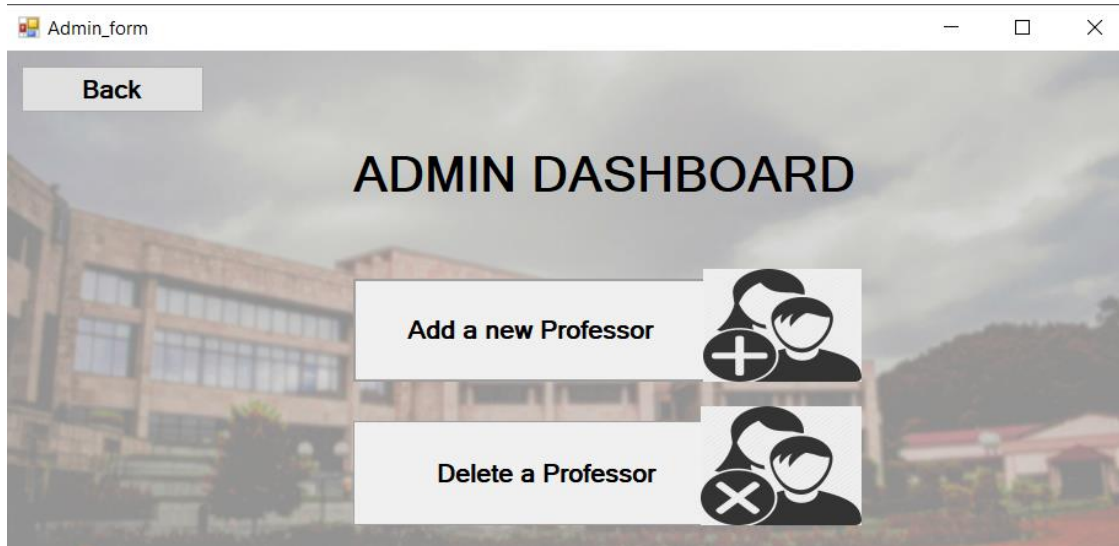
Reset

After logging in most of the view page of Professor would be empty. He/she should add all these features or else the his/her view page would look rather empty.

The professor can add his/her education, where from he/she studied.

The professor can also add some news which can be shown on his View_Page. He/She can decide which news is important and hence would appear on top in View_Page. After adding a news, prof can even delete or change the news by telling the ID of news.

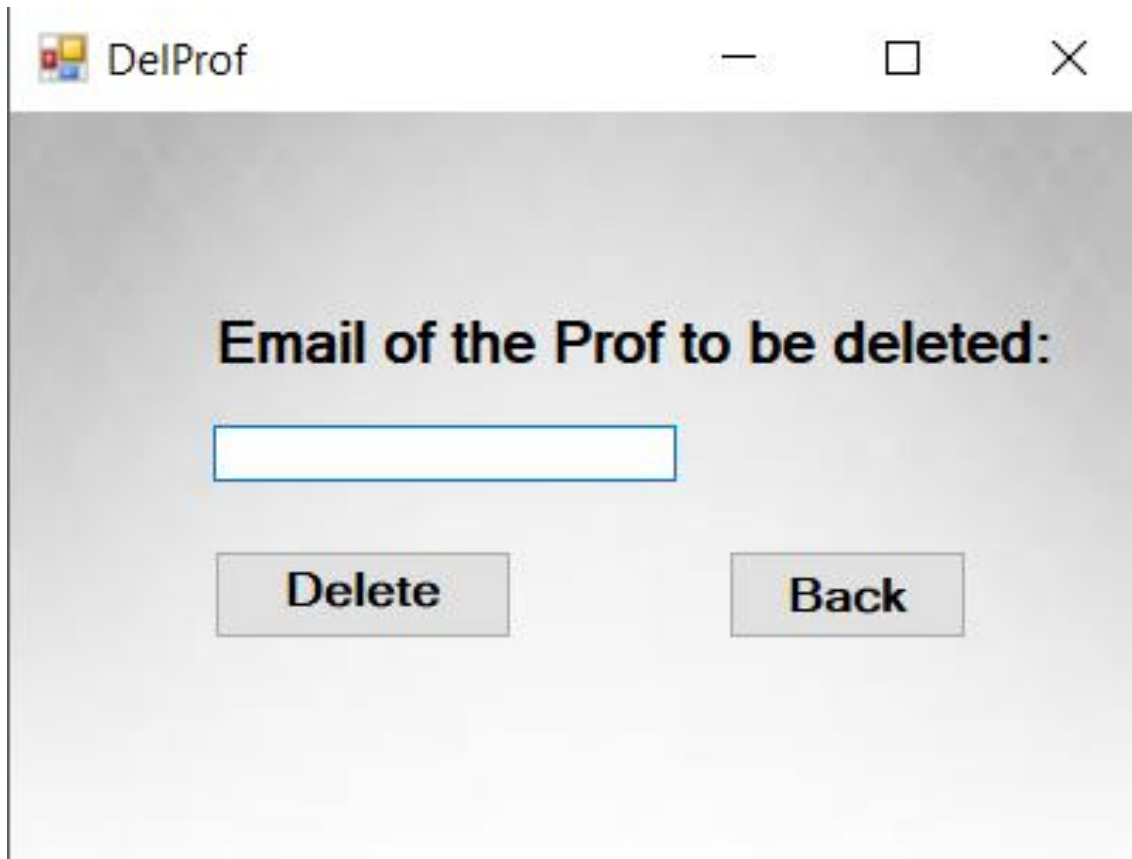
ADMIN PAGE



1. There is an option to add a professor. Fill the details of the professor to be added, a mail will be sent on clicking the link 'send a mail'. After that click on Update button to update the database. A mail will be sent to the professor from 'haharihi@gmail.com' which will contain the random password. It is advisable that prof change his password from the password reseter facility above.

A screenshot of a web application window titled "Add_Prof". The window has a standard Windows-style title bar with minimize, maximize, and close buttons. The main content area is a light gray. It contains a form with five labels on the left and corresponding input fields on the right: "Name:" with a text input field, "Department:" with a dropdown menu, "Email:" with a text input field, "Password:" with a text input field, and "Confirm" with a text input field. At the bottom of the form, there are two buttons: "Update" and "Back".

2. There is a facility to delete a prof if the prof has left the institute. In that case admin can delete the professor from database by entering the email ID as it's unique for each professor.



The image shows a screenshot of a Windows application window titled "DelProf". The window has a standard Windows title bar with a minimize button, a maximize button (represented by a square icon), and a close button (represented by an 'X' icon). The main content area of the window has a light gray background. In the center, the text "Email of the Prof to be deleted:" is displayed in a bold, black font. Below this text is a white rectangular text input field with a thin blue border. At the bottom of the window, there are two gray rectangular buttons with black text. The button on the left is labeled "Delete" and the button on the right is labeled "Back".

Restrictions, Limitations, and Constraints:

- 1) Proper user credentials required.
- 2) Only users with access rights can perform privileged tasks.