

## CHAPTER 1

### INTRODUCTION

An irreplaceable part of any academic environment is the gateway through which details regarding the results of any Examination or Re-examination are stored, either for the convenience of the students or the faculty. A major drawback in the traditional way of updating the details is the inconvenience faced by the faculty due to various causes and circumstances. An Evaluation System designed specifically to tackle this helps streamline the process and ease the burden of use. This increases efficiency which effectively increases throughput.

The Evaluation System shall include facilities for updating various records such as: Subjects that are valued, Valuation Scheme followed, Details of the Valuator and the final Evaluation Details, to name a few.

For the completion of this website, we intend to use technologies like – HTML, CSS, JS, PHP and MySQL.

The advantage of this project is it:

- Decreases the burden of Manual entry of details.
- Reduces the possibilities of errors creeping into the details
- Brings about transparency in details.
- Helps in exchanging information seamlessly.

## **1.1 OBJECTIVE**

The main objective is to create a system that will reduce redundancy and increase efficiency while also maintaining transparency of the whole process. This way there the exact amount that will be reimbursed along with the method of calculation will be known to the ones concerned and hence there is no discrepancies crawling into the system. There will be an Admin who shall take care of maintaining it.

## **1.2 PROPOSED SYSTEM**

The system proposed is to create a webpage using HTML5 which shall act as the front end, with SQL handling the backend. JSP is used to link the two together, the Admin can use it to enter the requisite details of the user and the users can use another web page to view their details. The database is maintained using a SQL server and the backend transactions are handled by java server programming.

### **1.2.1 ADVANTAGES IN PROPOSED SYSTEM.**

The advantage of using such a setup is manual entry is no longer required and everything can be done online. This reduces redundancy of the work and hence becomes less hectic to work with. Also, a level of transparency is brought about which makes it easier to deal with.

## CHAPTER 2

### SYSTEM REQUIREMENTS

#### 2.1 SOFTWARE REQUIREMENTS

Any Web Browser that supports HTML5, such as Mozilla Firefox, Google Chrome, Opera, Internet Explorer 11.

#### 2.2 HARDWARE REQUIREMENTS

Any Operating System with a working internet connection, such as MacOS, Windows, Any distribution of Linux, Android or iOs.

#### 2.3 NORMAL REQUIREMENTS

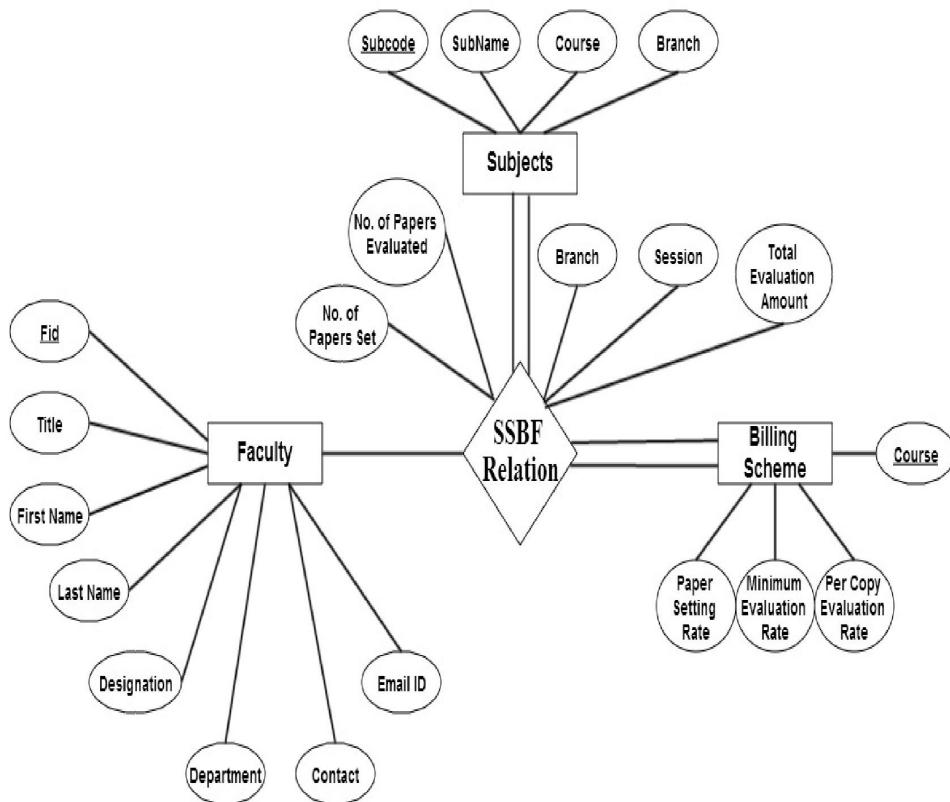
The objectives and goal for a system was decided during the meetings with the Exam Department and Faculties of the Institute. The following requirements regarding graphical displays and specific system functions were chalked out:

- Front page with the facility of login for all types of users
- A user interface for viewing:-
- The Evaluation Information in the form of Report done in IET limited by the user privileges
- Changing User Password
- Updating User Profile Details
- mechanism for Password Retrieval in case the user forgets it
- Mechanism for displaying, deleting and editing information related to Evaluation
- Mechanism for a new Faculty Registration

## CHAPTER 3

### SYSTEM DESIGN

The system is created using HTML and JSP with the backend activities being taken care of by MySQL.



**ER Diagram**  
**Exam Remuneration System**

Fig 3.1: *ER Diagram of the System*

### 3.2 HOME PAGE LAYOUT

Login Page: - The user needs to enter his login credentials in order to login to the system. each user type Admin/Faculty has its own privileges of viewing the data of the system. Once the system authenticates the user it redirects the user to his home page

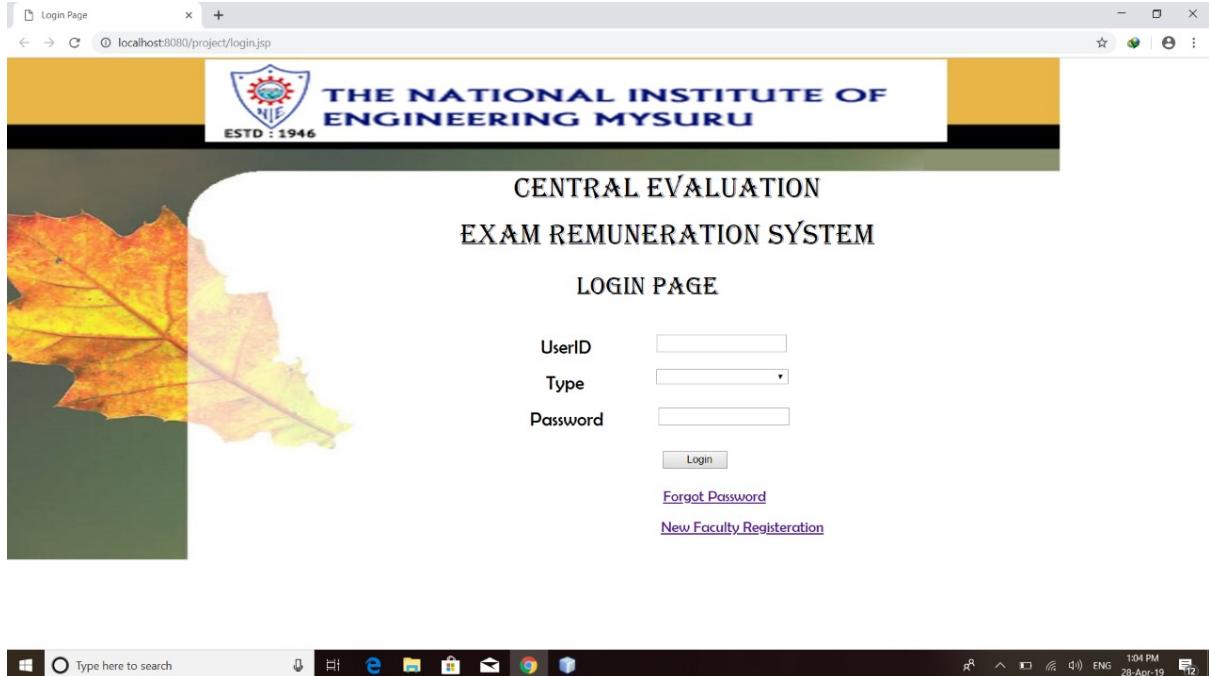


Fig 3.2: *Home page Layout*

## 3.3 ADMIN PAGE LAYOUT

When authenticated by entering correct username and password the admin is redirected to the admin home page of the system.



Fig 3.3: Admin Page Layout

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### 3.4 SESSIONS PAGE

The Admin can choose a session, a subject & a faculty name from the list & in turn he should get the details of evaluation done by the faculty of the specified subject in the selected session.

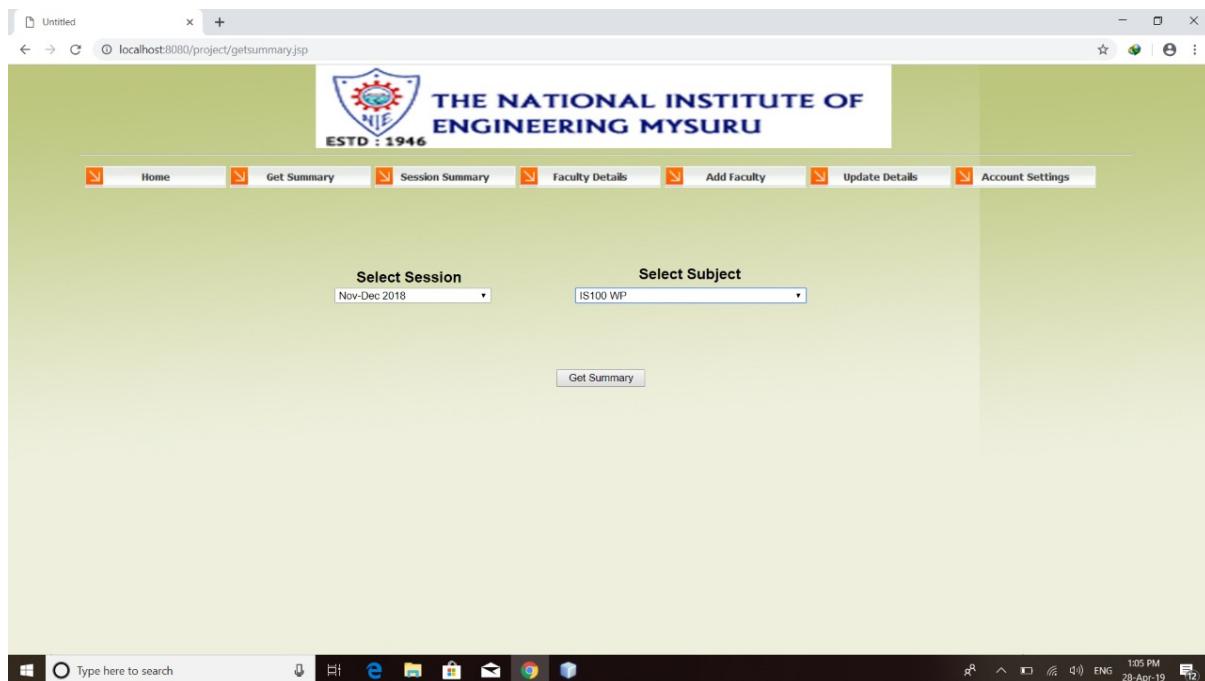


Fig 3.4: Sessions Layout

## CONCLUSION

The proposed model is well suited to be used in colleges and performs robustly if implemented. The model can cater to a large base and can be scaled up to accommodate more users. There is decent scope for the implementation of this model as it is browser independent and architecture independent. Since the ease of use is comparatively higher, the possibilities of the appreciation of the model and use increase sufficiently.

## REFERENCES

- [1]Programming the World Wide Web- Robert W Sebesta- Sixth edition.
- [2][www.w3schools.org](http://www.w3schools.org)
- [3][www.tutorialspoint.com](http://www.tutorialspoint.com)

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## APPENDIX

### i. SESSIONS LAYER DROPBOX PAGE

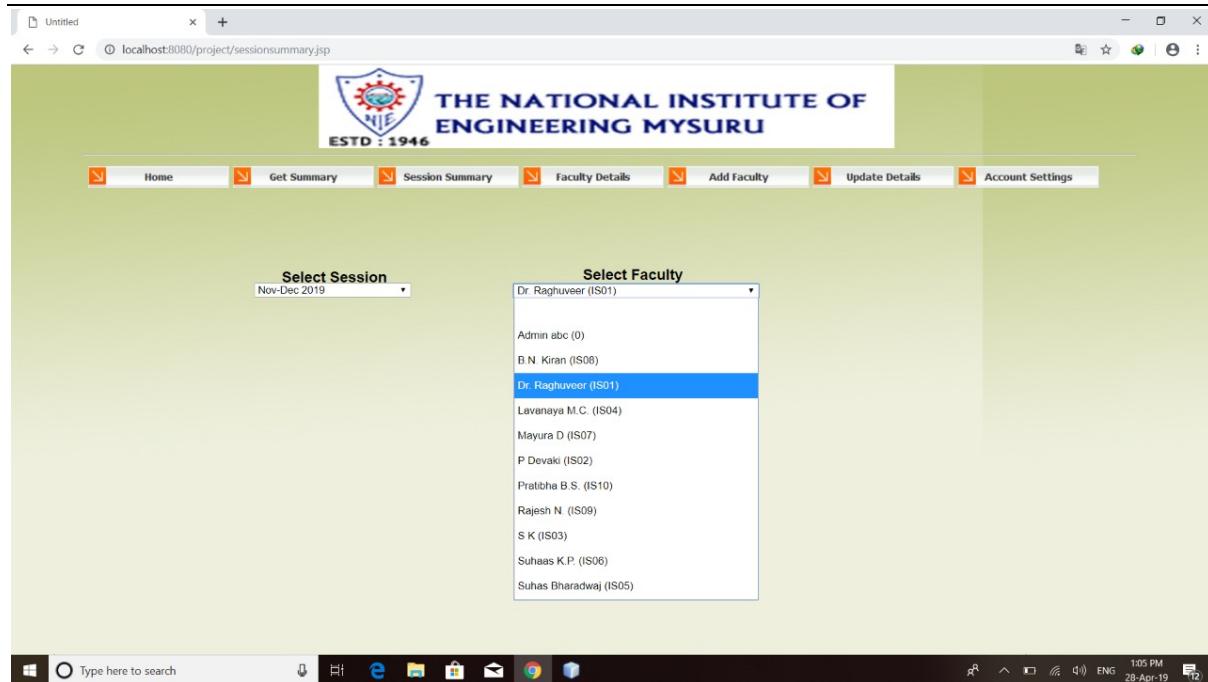
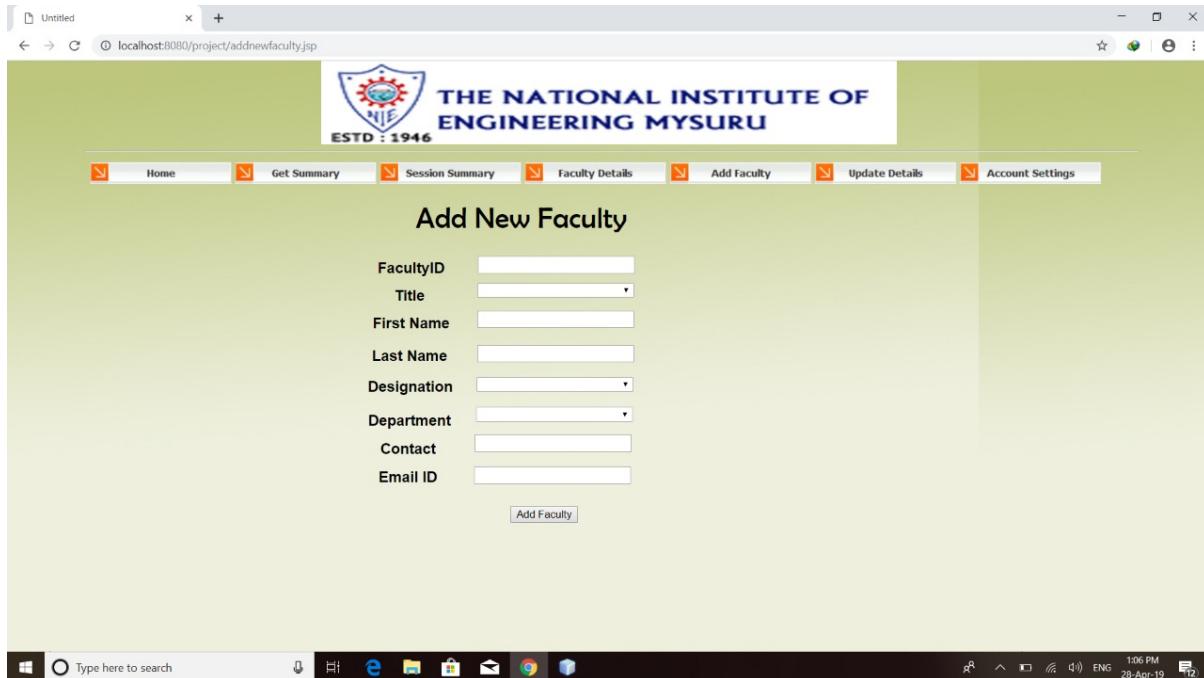


Fig 3.5:*Sessions layout dropbox.*

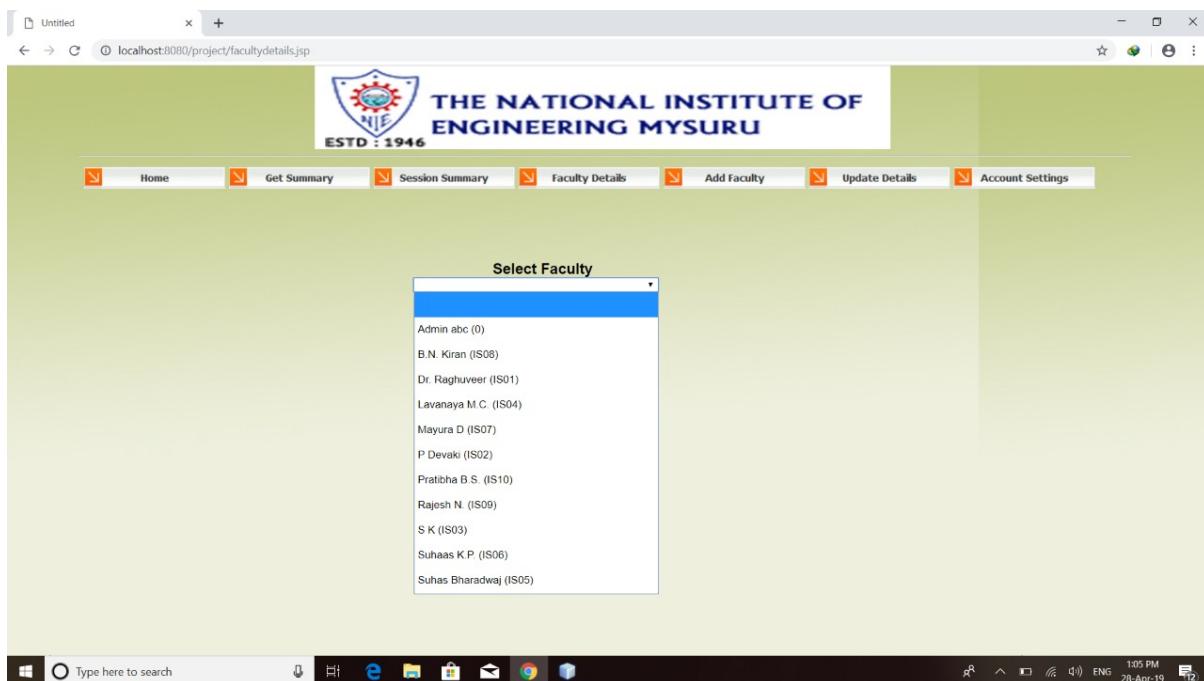
# ONLINE REMUNERATION SYSTEM

## ii. NEW FACULTY ENTRY PAGE



The screenshot shows a web browser window titled 'Untitled' with the URL 'localhost:8080/project/addnewfaculty.jsp'. At the top, there is a logo for 'THE NATIONAL INSTITUTE OF ENGINEERING MYSURU' with the text 'ESTD : 1946'. Below the logo is a navigation bar with links: Home, Get Summary, Session Summary, Faculty Details, Add Faculty, Update Details, and Account Settings. The main content area is titled 'Add New Faculty'. It contains several input fields: FacultyID, Title, First Name, Last Name, Designation, Department, Contact, and Email ID. A 'Add Faculty' button is located at the bottom of these fields. The status bar at the bottom of the screen shows system information like battery level, signal strength, and date/time.

## iii. FACULTY SELECTION PAGE



The screenshot shows a web browser window titled 'Untitled' with the URL 'localhost:8080/project/facultydetails.jsp'. At the top, there is a logo for 'THE NATIONAL INSTITUTE OF ENGINEERING MYSURU' with the text 'ESTD : 1946'. Below the logo is a navigation bar with links: Home, Get Summary, Session Summary, Faculty Details, Add Faculty, Update Details, and Account Settings. A modal dialog box titled 'Select Faculty' is displayed in the center. This dialog lists ten faculty members with their names and student IDs: Admin abc (IS00), B.N. Kiran (IS08), Dr. Raghuveer (IS01), Lavanya M.C. (IS04), Mayura D (IS07), P Devaki (IS02), Pratibha B.S. (IS10), Rajesh N. (IS09), S K (IS03), Suhaas K.P. (IS06), and Suhas Bharadwaj (IS05). The status bar at the bottom of the screen shows system information like battery level, signal strength, and date/time.

## ONLINE REMUNERATION SYSTEM

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### iv. RECORD INSERTION PAGE



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### v. RECORD INSERTION PAGE

## ONLINE REMUNERATION SYSTEM

The screenshot shows a web browser window titled 'Untitled' with the URL 'localhost:8080/project/modify1.jsp'. At the top, there is a header featuring the logo of 'THE NATIONAL INSTITUTE OF ENGINEERING MYSURU' with the text 'ESTD : 1946'. Below the header is a navigation menu with links: Home, Get Summary, Session Summary, Faculty Details, Add Faculty, Update Details, and Account Settings. The main content area is titled 'New Record Entry'. It contains several input fields: Faculty ID, Subject Code, Course, Branch, Section, Session, Papers Set, and Papers Evaluated. A button labeled 'Add New Record' is located at the bottom of these fields. The browser's status bar at the bottom shows the date and time as '28-Apr-19 10:06 PM'.

## vi. RECORD UPDATION PAGE

The screenshot shows a web browser window titled 'Untitled' with the URL 'localhost:8080/project/modify2.jsp'. At the top, there is a header featuring the logo of 'THE NATIONAL INSTITUTE OF ENGINEERING MYSURU' with the text 'ESTD : 1946'. Below the header is a navigation menu with links: Home, Get Summary, Session Summary, Faculty Details, Add Faculty, Update Details, and Account Settings. The main content area is titled 'Update Record Entry'. It contains several input fields: Faculty ID, Subject Code, Course, Branch, Section, and Session. A button labeled 'Find Record' is located at the bottom of these fields. The browser's status bar at the bottom shows the date and time as '28-Apr-19 10:06 PM'.

## vii. RECORD DELETION PAGE

## ONLINE REMUNERATION SYSTEM

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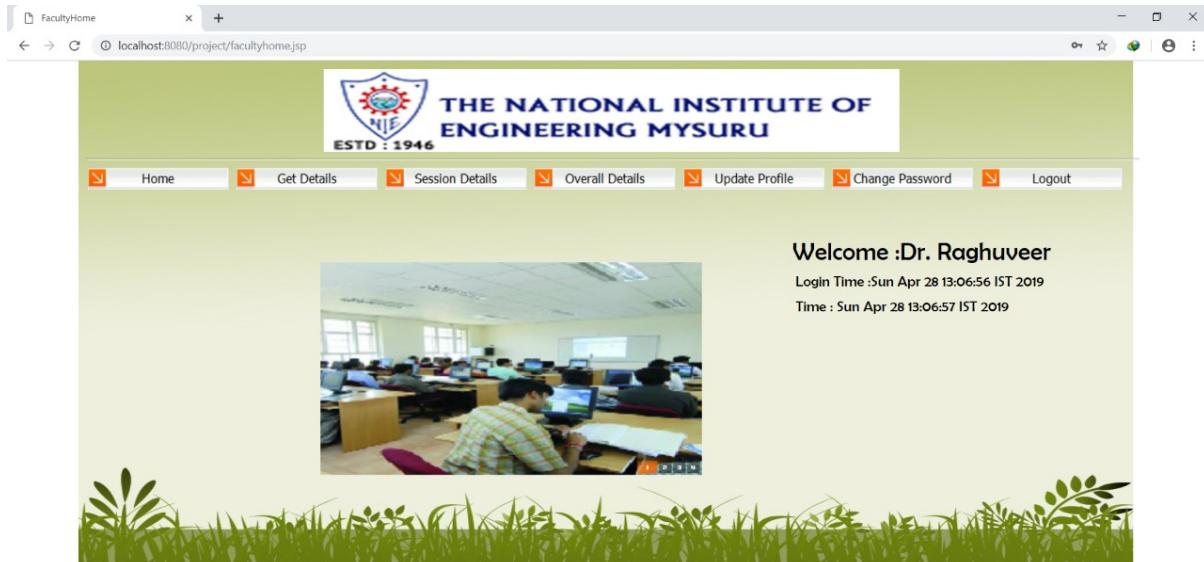


## viii. ACCOUNT SETTINGS PAGE

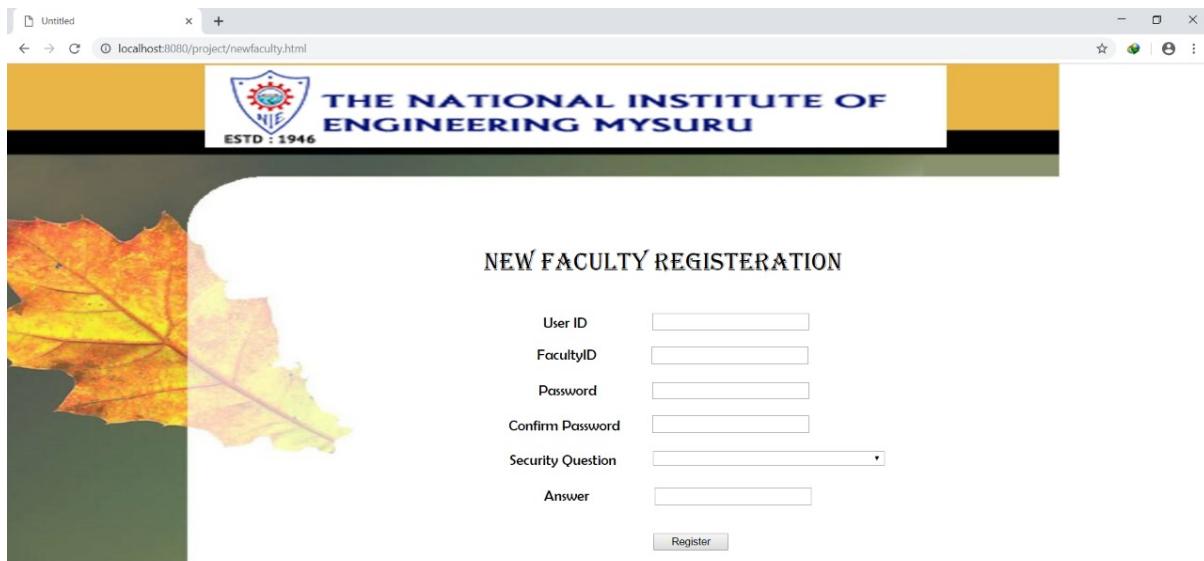


## ONLINE REMUNERATION SYSTEM

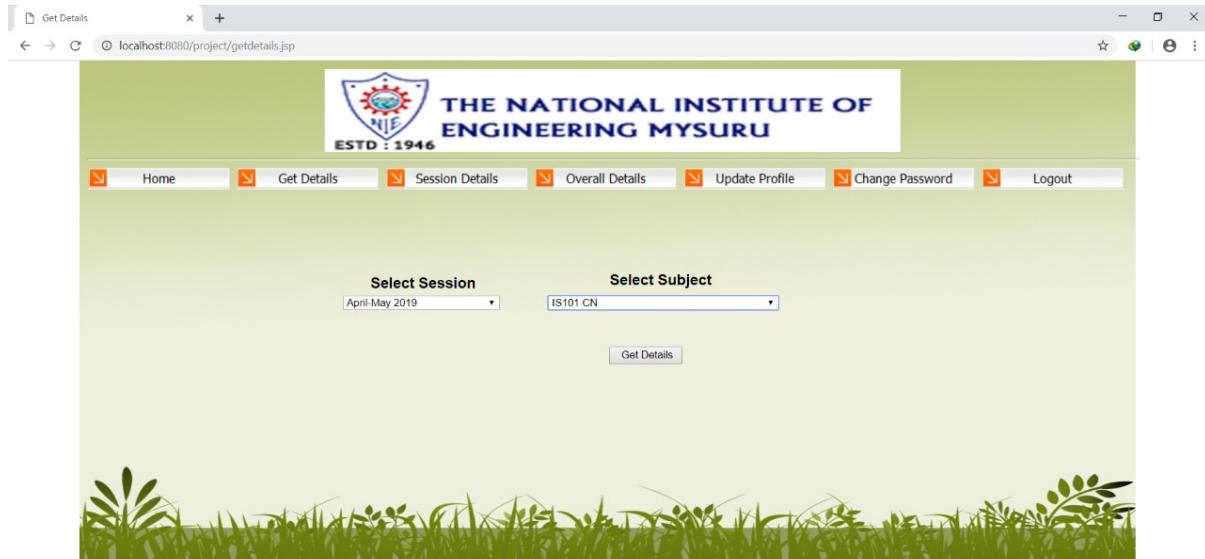
### ix. FACULTY LOGIN EXAMPLE



### x. NEW FACULTY REGISTRATION PAGE



# ONLINE REMUNERATION SYSTEM



The screenshot shows the "Session-Faculty Report" page. The title "Session-Faculty Report" is centered above a table. The table has the following columns: Faculty Name, Subject, Course, Class, Session, Papers Set, Papers Evaluated, and Amount. The data in the table is as follows:

Faculty Name	Subject	Course	Class	Session	Papers Set	Papers Evaluated	Amount
Dr. Dr. Raghuveer	IS101 CN	BE	IT A	April-May 2019	9	200	2900

A message "No Data Found" is displayed below the table. The page header includes the NIE logo and the text "THE NATIONAL INSTITUTE OF ENGINEERING MYSURU" along with the establishment year "ESTD : 1946". The page footer contains a navigation bar with links: Home, Get Details, Session Details, Overall Details, Update Profile, Change Password, and Logout.

# ONLINE REMUNERATION SYSTEM

The screenshot shows a web browser window titled "Show Overall Details". The URL is "localhost:8080/project/overalldetails.jsp". The header features the logo of "THE NATIONAL INSTITUTE OF ENGINEERING MYSURU" with the text "ESTD : 1946". Below the header is a navigation bar with links: Home, Get Details, Session Details, Overall Details, Update Profile, Change Password, and Logout. The main content area is titled "Faculty-Overall Report" and displays a table with the following data:

Faculty Name	Subject	Course	Class	Session	Papers Set	Papers Evaluated	Amount
Dr. Dr. Raghuveer	IS101 CN	BE	IT A	April-May 2019	9	200	2900

The bottom of the screen shows a Windows taskbar with icons for Start, Search, Task View, File Explorer, Edge, File Explorer, Mail, Google Chrome, and File Explorer. The system tray shows the date as 28-Apr-19 and the time as 10:07 PM.

The screenshot shows a web browser window titled "Faculty Profile Update". The URL is "localhost:8080/project/facultyprofileupdate.jsp". The header features the logo of "THE NATIONAL INSTITUTE OF ENGINEERING MYSURU" with the text "ESTD : 1946". Below the header is a navigation bar with links: Home, Get Details, Session Details, Overall Details, Update Profile, Change Password, and Logout. The main content area is titled "Update Profile" and contains the following form fields:

First Name	<input type="text" value="Dr. Raghuveer"/>
Last Name	<input type="text"/>
Designation	<input type="text" value="Head Of Department"/>
Department	<input type="text" value="IT"/>
Contact	<input type="text" value="0"/>
Email ID	<input type="text" value="0"/>

A "Update Profile" button is located at the bottom of the form. The background of the page features a decorative grass pattern at the bottom.



# ONLINE REMUNERATION SYSTEM

The screenshot shows a web browser window titled "Change Faculty Password". The URL in the address bar is "localhost:8080/project/changefacultypwd.jsp". The page header features the logo of "THE NATIONAL INSTITUTE OF ENGINEERING MYSURU" with the text "ESTD : 1946". Below the header is a navigation menu with links: Home, Get Details, Session Details, Overall Details, Update Profile, Change Password, and Logout. The main content area is titled "Change User Password" and contains three input fields: "Enter Current Password", "Enter New Password", and "Re-Enter New Password". A "Change Password" button is located below these fields. The browser's taskbar at the bottom shows various pinned icons and the date/time "28-Apr-19 10:07 PM".