

# Software Project Report

*for*

## College Enquiry System with Chatbot - **राक्ष**

**Submitted By:**

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*For the award of the degree of*

***B.Tech (IT)***

**Under the supervision of**

**Mentor:**

Sushil Buriya Sir

**Co-ordinator:**

Sushil Buriya Sir



**Department of Mathematics and Computing  
Banasthali Vidyapith  
Banasthali - 304022  
Session: 2021-2022**

### **Certificate from External Guide**

Certified that Name of student has carried out the project work titled "College Enquiry System with Chatbot - સ્કૃત" from 12 Jan 22 to 25 Apr 2022 for the award of the B.Tech (Information Technology) from Banasthali Vidyapith under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

**(Faculty Name)**

Designation:

Place:

Date:

**Certificate from Internal Guide**

Certified that Name of student has carried out the project work titled "College Enquiry System with Chatbot - સ્કૃત" from 12 Jan 22 to 25 Apr 2022 for the award of the B.Tech (Information Technology) from Banasthali Vidyapith under my supervision. The thesis embodies result of original work and studies carried out by Student herself and the contents of the thesis do not form the basis for the award of any other degree to the candidate or to anybody else.

**Sushil Buriya**

Designation:

Place:

Date:

## Abstract

This report reviews the durability of software including the Software Requirements Specification and Software Design Specifications. An analysis and compilation of back-end data is maintained on the basis of survey conducted. It was determined that People who are seeking information related to admissions in Banasthali Vidyapith (Guest Users), Students and Faculties are facing problem in getting correct information through the sources available on the Internet. And there is no as such solution available to provide quick and precise information related to the Banasthali Vidyapith Campus, etc. While surfing on the Internet, it was found that people are spreading false information regarding Banasthali Vidyapith. Thus, to avoid such issues, we designed "**College Enquiry System with Chatbot - प्रक्षण**". This Chatbot is a sort of gateway to bridge the gap between Guests Users/Students/Faculties and Banasthali Vidyapith. In addition, the software also includes the updated design of Banasthali Vidyapith's website including Home Page, Sports, Admissions, School Education and other pages. The information added to these pages are taken from the Banasthali Vidyapith's Website only.

Chatbot- **प्रक्षण** is highly authenticated for the Student and Faculty Users with E-Mail Verification in order to maintain the privacy and integrity of the institution. This ensures the good performance of the website along with the correct information.

### Acknowledgement

*"It is not possible to prepare a project report without the assistance & encouragement of other people. This one is certainly no exception."*

On the very outset of this report, we would like to extend my sincere & heartfelt obligation towards all the personages who have helped us in this endeavour. Without their active guidance, help, cooperation & encouragement, we would not have made headway in the project.

We are ineffably indebted to **Sushil Buriya Sir** for conscientious guidance & encouragement to accomplish this project. He's not only our coordinator but also our mentor who have supported us a lot.

We extend our gratitude to **Banasthali Vidyapith** for giving us this opportunity. We also acknowledge with a deep sense of reverence, our gratitude towards our parents and member of our family, who has always supported us morally.

At last but not least, gratitude goes to all of our friends who directly or indirectly helped us to complete this project report.

Any omission in this brief acknowledgment does not mean lack of gratitude.

**Thank you!**

**- Jayshree Gupta &  
Khushi Agarwal**

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## **1. Objective**

### **1.1 Purpose**

**The main purpose of this project is to provide correct information about our College - Banasthali Vidyapith by covering almost all FAQs by parents and other users.** Along with this, it will also cover the FAQs for Students and Faculties of Banasthali Vidyapith. In addition to that, this project also presents the website of Banasthali Vidyapith with updated interface.

The purpose of this document is to provide necessary information regarding specific requirements, that are required to build and run this project.

### **1.2 Document Conventions**

High Priority Content is highlighted by making it “**BOLD**”.

### **1.3 Intended Audience and Reading Suggestions**

The intended audience for this document are as follows:

- **Developers:** The developers would use this document to implement the functionalities and to ensure traceability of the software.
- **Designers:** The designers would use this document to design all the user interfaces required for the easy implementation of the software.
- **Testers:** The testers would use this document to know the interfaces and to test the software accordingly.
- **Guest Users (including guests, students and faculties):** The users would use this document to verify if the requirements specified satisfy their needs.
- **Admin:** The admin will use this document to implement the functionalities in order to manage the database.

### **1.4 Product Scope**

The main purpose of our Website is to provide correct information about Banasthali Vidyapith by covering almost all the FAQs, generally parents, students and admission takers seek for. Apart from this, our website also resolves basic queries of students and faculties, related to the college- Banasthali Vidyapith.

“**रक्ष**” is a chatbot based website which provides users with answers to all of their queries related to Banasthali Vidyapith.

### The scope of the project can be listed as under:

- Administrators will be responsible to maintain the overall database of the website.
- Users will be able to ask their queries to the chatbot.
- Students will be able to ask their classes, etc related queries to chatbot.
- Faculties will be able to ask their queries to the chatbot.
- Chatbot will match the queries and answer accordingly. If any query doesn't match, it will show the “sorry message”.

**Note:** Users of the website can be Student, Faculty, Parents, Admission seeker and Administrator. All the users will have different access and rights granted by this website.

## 2. Requirement Analysis

### 2.1 Requirement Specification

There are certain requirements that are required in order to use this software. The same is specified below.

### 2.2 Hardware and Software Requirements

#### ➤ Hardware Interfaces:

##### ✓ Server Side:

- Processor – 1-2 GHz (ex. P-IV) or onwards
- RAM – 4 GB
- HDD – 40GB or more (free space excluding data size)

##### ✓ Client Server:

- Processor – 1-2GHz (ex. P-IV) or onwards
- RAM – 4 GB
- HDD – 40GB or more (free space excluding data size)

✓ **Developer Side:**

- Processor – 2.50 GHz Core i5
- RAM – 8 GB
- HDD – 40GB or more (free space excluding data size)

➤ **Software Requirements**

✓ **Server Side:**

- OS – Windows Server 2003 or onwards
- Web Server – IIS 5.0 or onward
- Database Server – AppServe, Xampp, Wampp, etc.
- Database- PhpMyAdmin

✓ **Client Side:**

- OS – WINDOWS XP or later, Linux etc.
- Browser – Any browser compatible with IE 5.0 or onwards

✓ **Developer Side:**

- OS – Windows 10
- IDE– Visual Studio Code, Notepad++, etc.
- FRONT END –HTML, CSS
- BACK END – PHP
- BROWSER – Mozilla FireFox, Google Chrome, Microsoft Edge.
- SERVER – Xampp, Wampp- Localhost

### 2.3 Feasibility Study

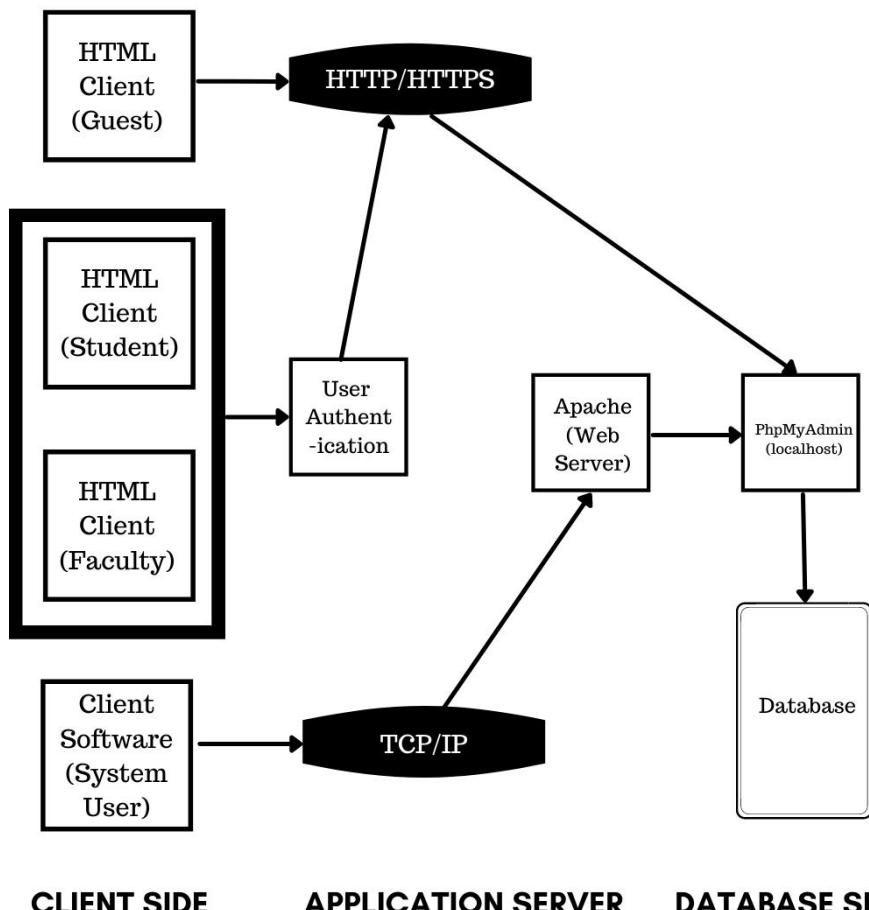
- ◆ The questions included in the Chatbot- Praksh are based/depend on Survey (taken from college students and their parents). These questions are assumed to be most frequently asked.
- ◆ The user must have the ability to use the internet.
- ◆ The user must have been connected to the internet to use the system.
- ◆ The user's computer can have any of the listed operating systems: Windows XP or later versions, LINUX based systems (such as Ubuntu 9.10 and later versions), MAC OS 10 and Microsoft Internet Explorer 5.5 or later versions.

- ◆ TCP/IP protocol must be installed to communicate through HTTP messages.
- ◆ The accuracy of the information is the responsibility of all users.

**Note:** The mentioned points are maintained in order to maintain the feasibility of the project.

## 2.4 Product Perspective

This website is mainly aimed towards admission seekers to Banasthali Vidyapith, students and faculties of Banasthali Vidyapith. This website will be user friendly and reliable.



**CLIENT SIDE**

**APPLICATION SERVER**

**DATABASE SERVER**

## 2.5 Product Functions

“राक्ष” will allow:

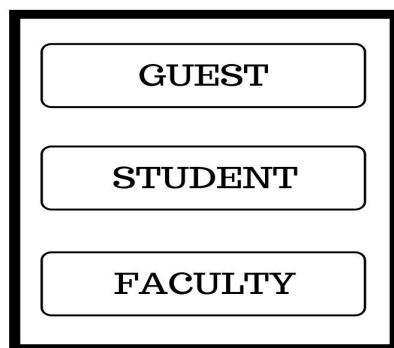
- ◆ Guest users can directly use the chatbot by just clicking on the “Guest button” on the first page.
- ◆ Login of the Student to the system through the first page.
- ◆ After the login of the Student, they can ask queries to the Chatbot.
- ◆ Login of the Faculty to the system through the first page.
- ◆ After the login of the Faculty, they can ask queries to the Chatbot.

## 2.6 User Classes and Characteristics

User classes are mainly focused on three types of users:

- ◆ **Users:** They can directly use the website with simple clicks.
- ◆ **Student:** Students need to authenticate their login by entering ID and Password.
- ◆ **Faculty:** Faculty Members need to authenticate their login by entering ID and Password.
- ◆ **Admin:** Admin is able to add/modify or delete queries and responses.

## 2.7 Use-Case Diagrams

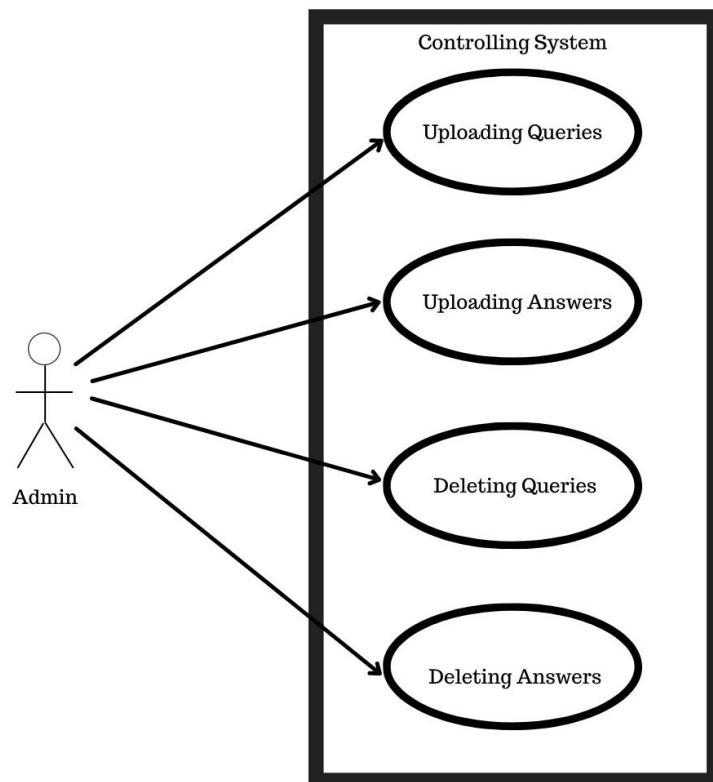




Username

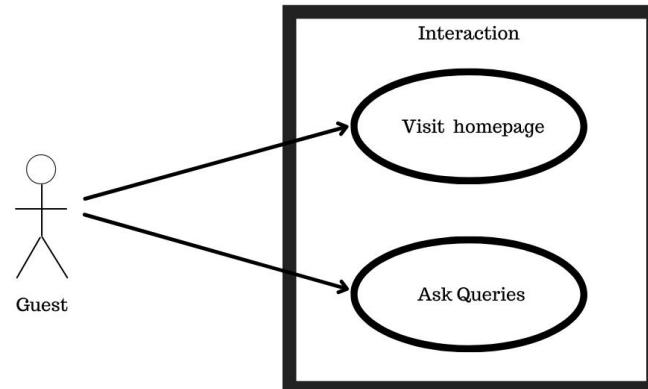
Password

◆ **Use case Diagram for Admin:**

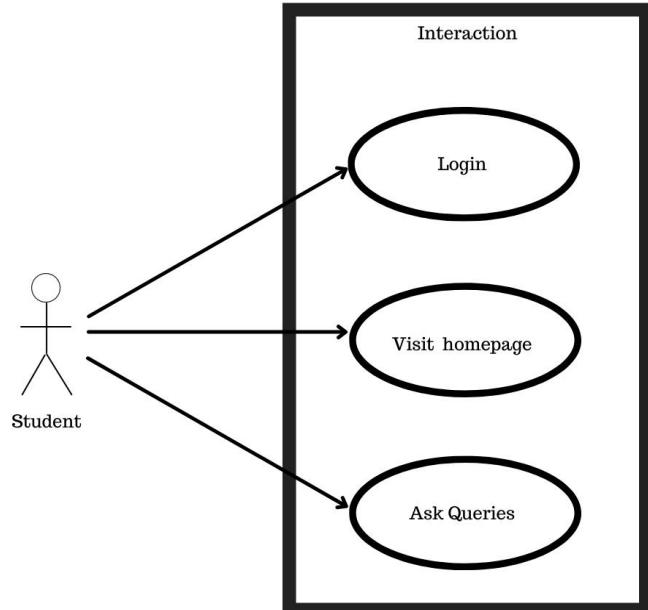




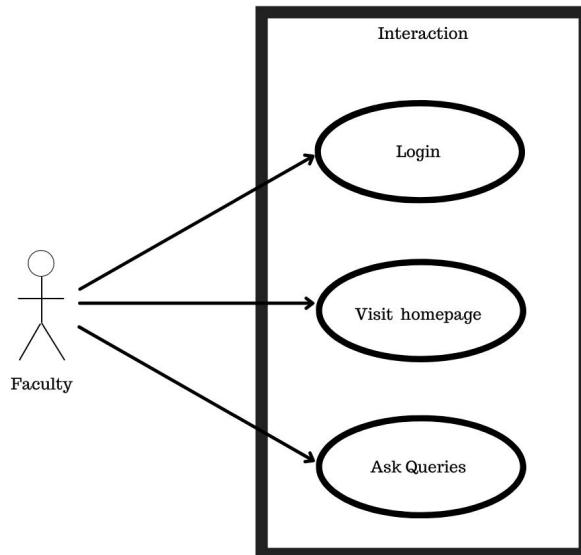
◆ **Use case Diagram for Guest User:**



◆ **Use case Diagram for Student User:**



◆ **Use case Diagram for Faculty User:**



## 2.8 Operating Environment

This website is more flexible to coexist in use with Laptops and PCs with any updated version of Windows, Linux, Ubuntu etc. But later on, it can be scalable to Android Phones. It can be accessed through any browser.

## 2.9 Design and Implementation Constraints

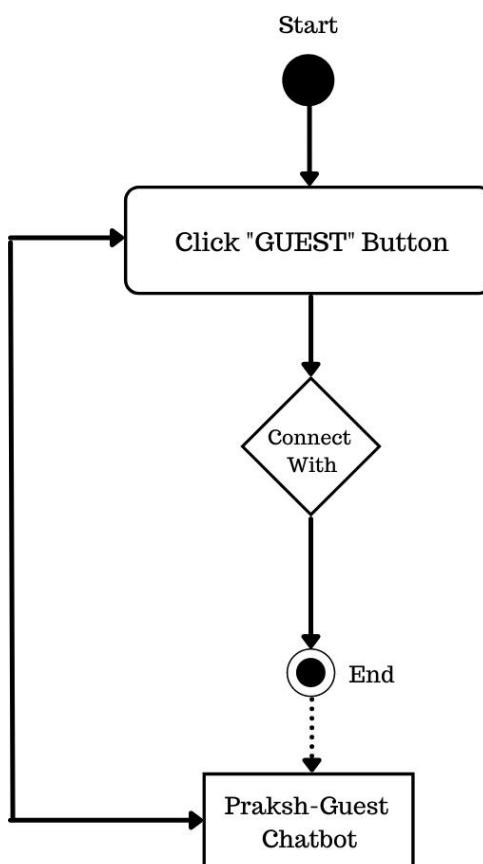
This website is basically built by using HTML, CSS in Front-end and PHP at Backend. It requires PhpMyAdmin for database management, which can be linked through AppServe, Xampp, Wampp,etc.



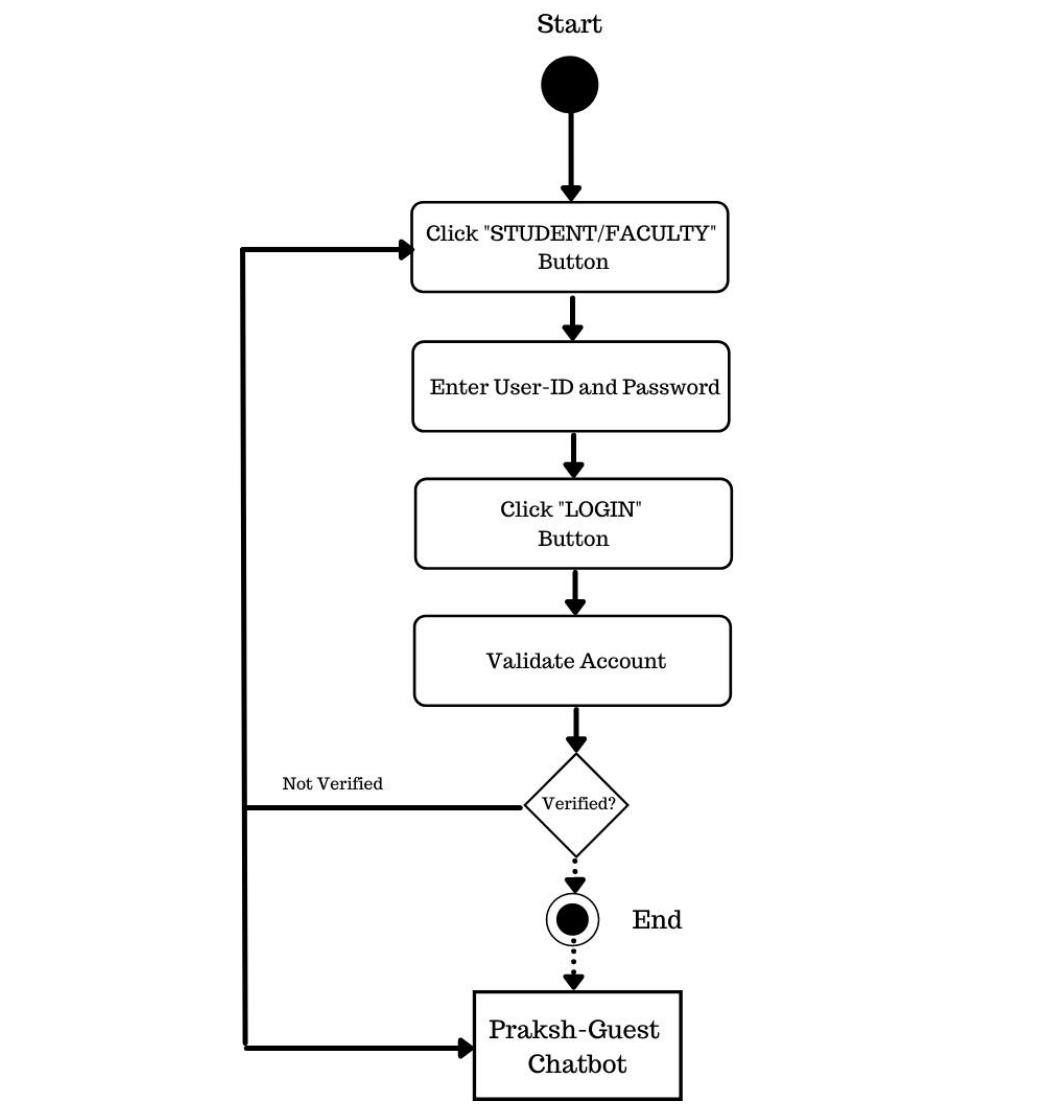
### 3. System Design (SDS):

#### 3.1 ACTIVITY DIAGRAMS:

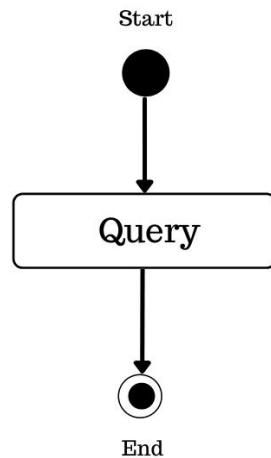
##### ■ GUEST Access



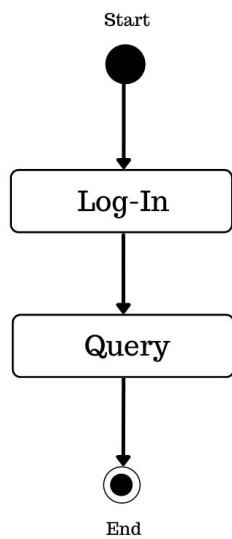
## ■ STUDENT/FACULTY Login



■ GUEST User functionalities

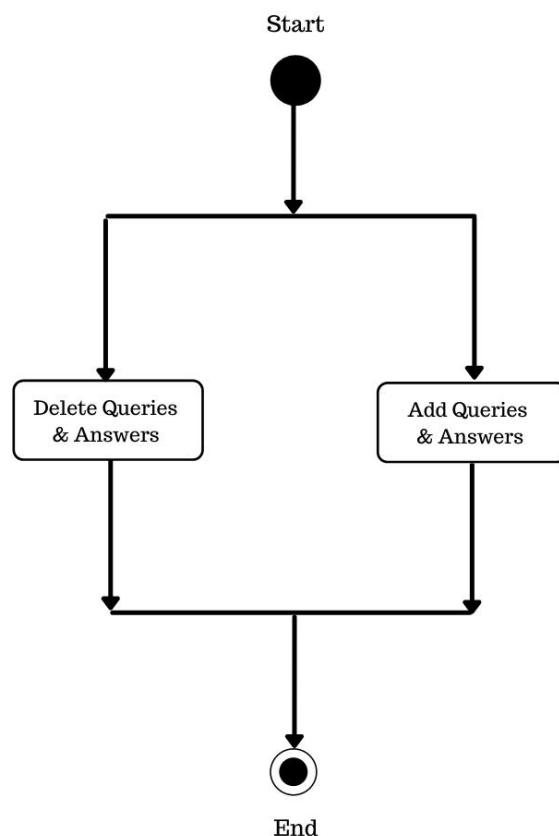


■ Authorised (Student/Faculty) User functionalities



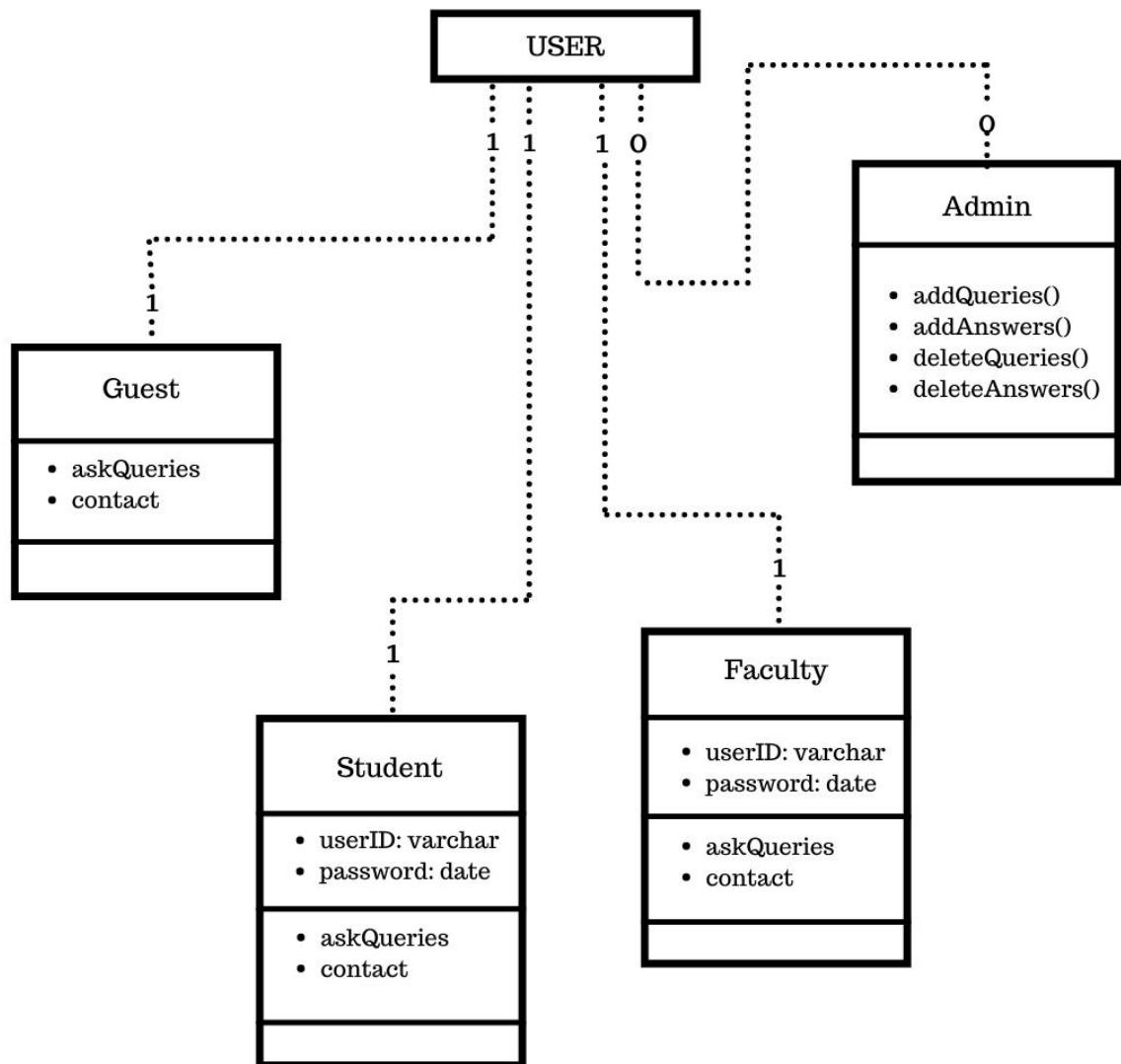


## ■ Admin functionalities

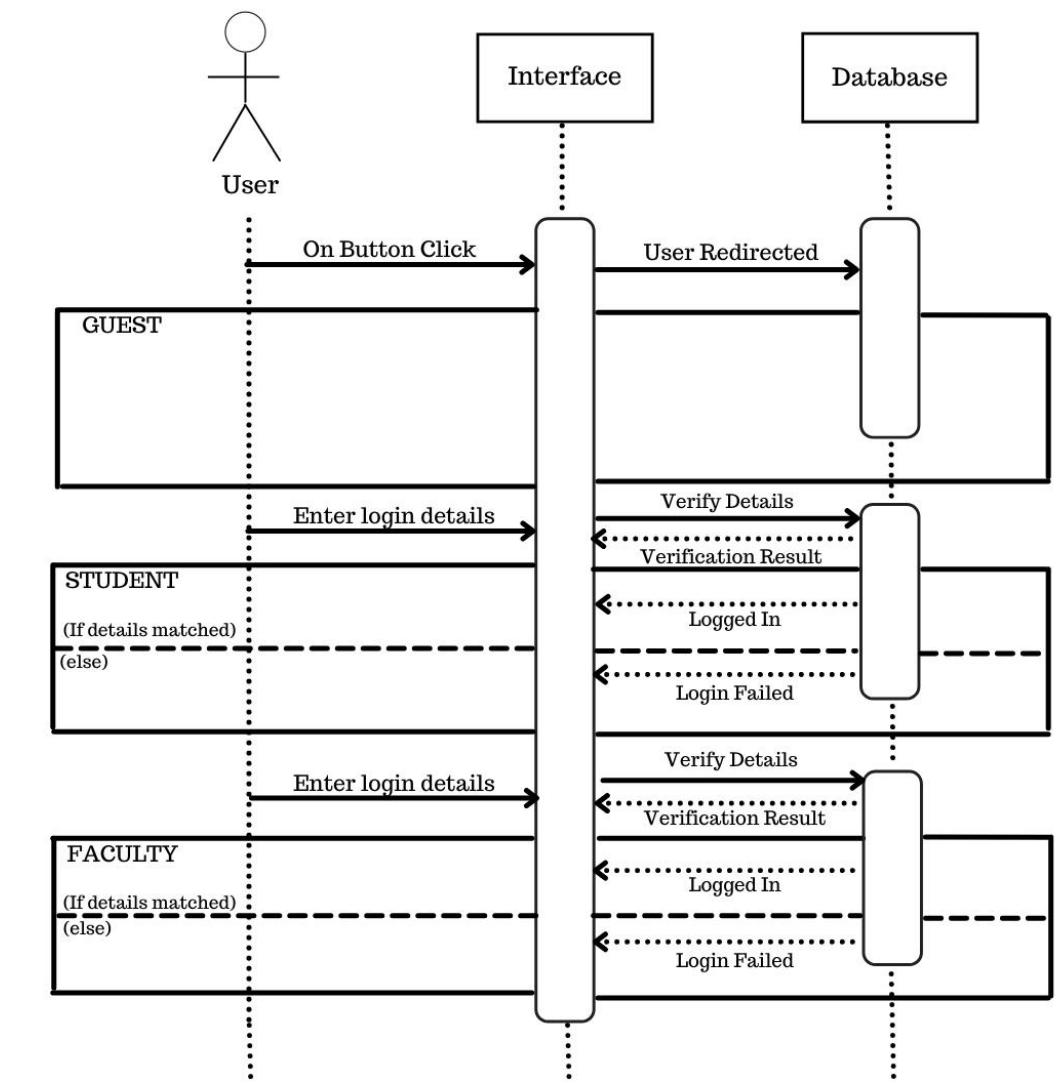




### 3.2 CLASS DIAGRAM:



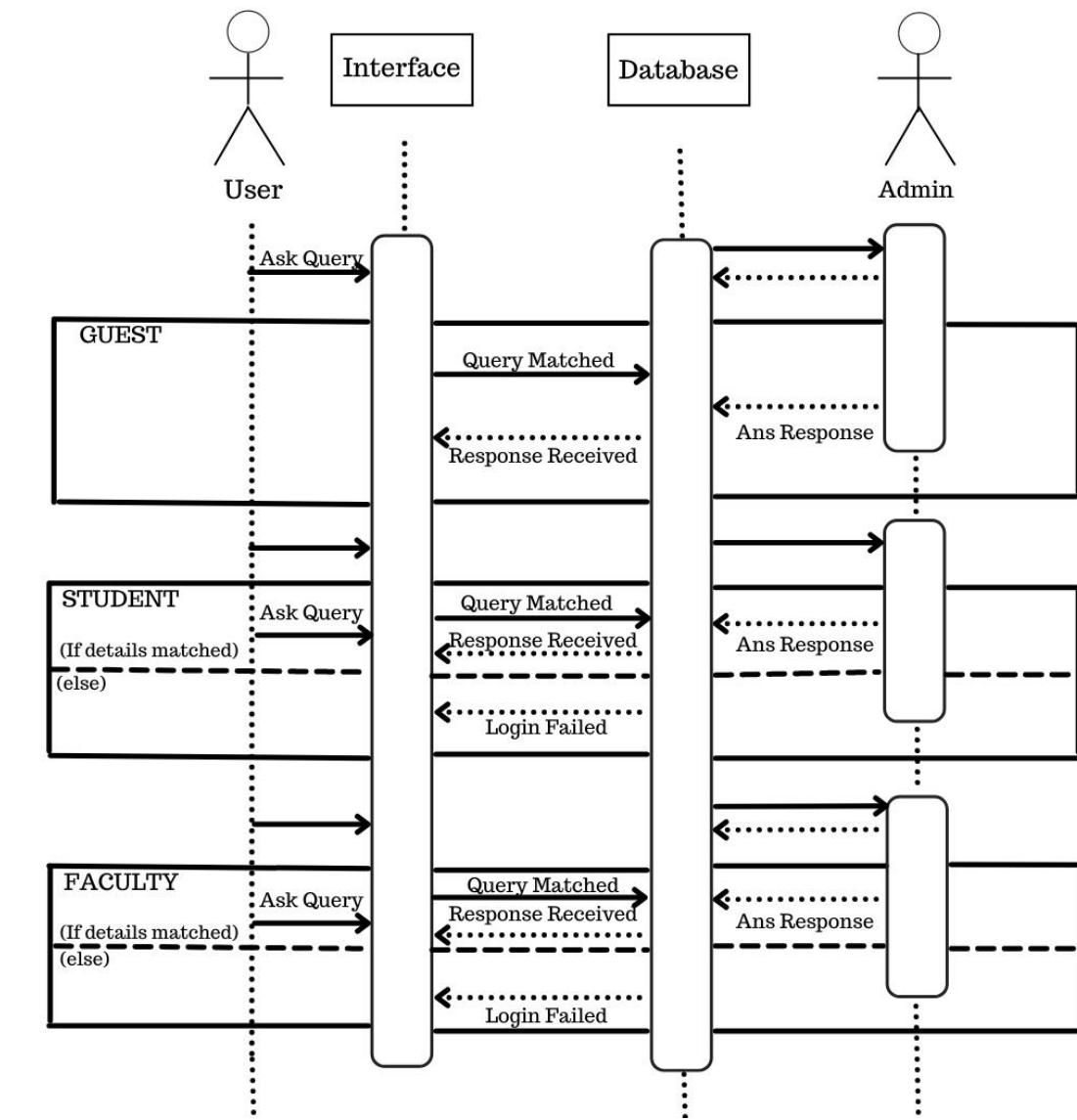
### 3.3 SEQUENCE DIAGRAMS:





# BANASTHALI VIDYAPITH

University for women: University with a difference



## 3.4 DATABASE DESIGNS:

### ■ DATABASE:

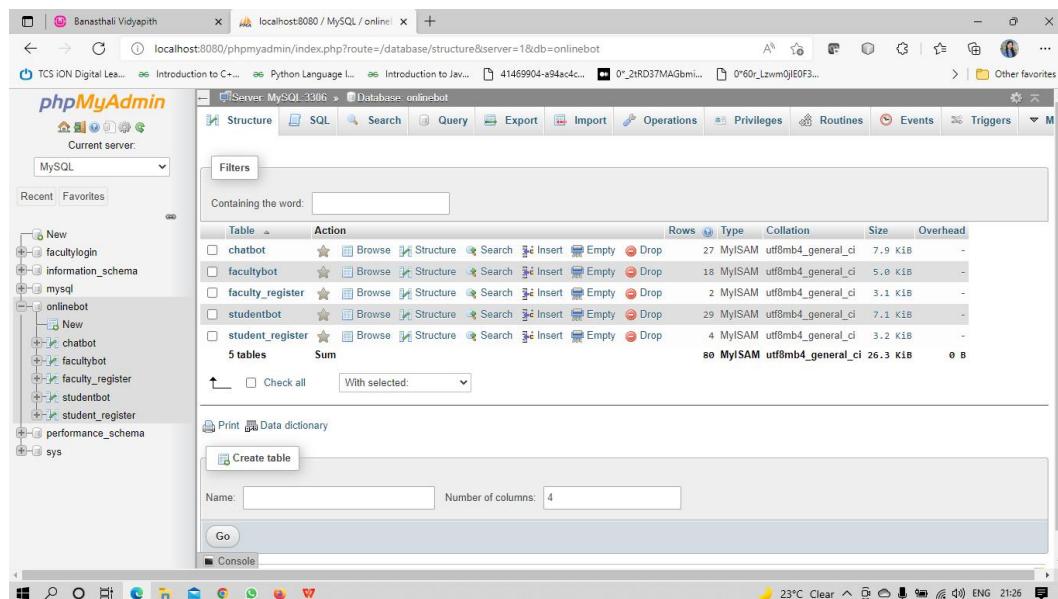
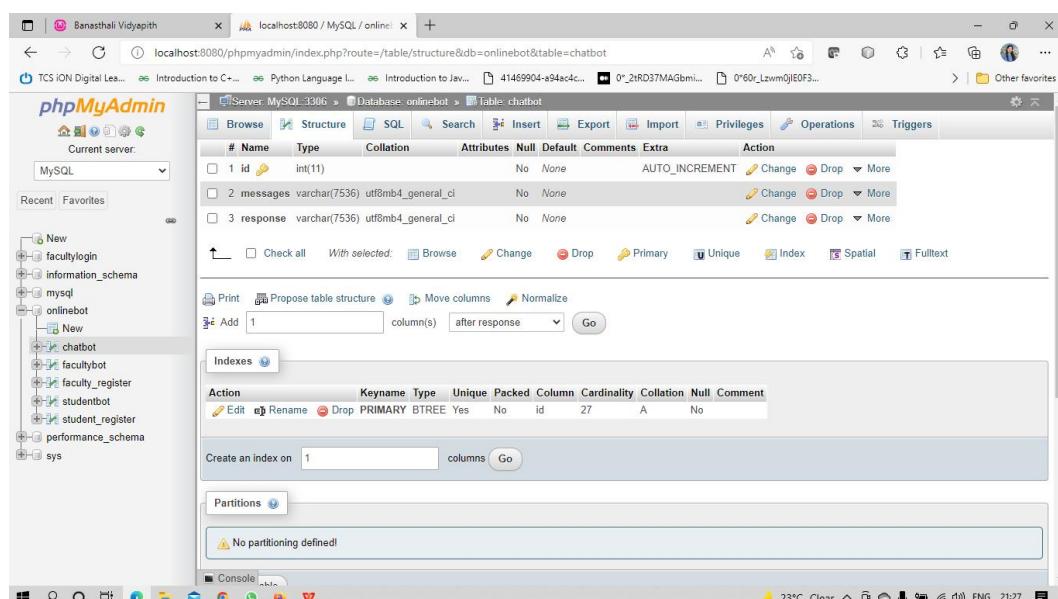
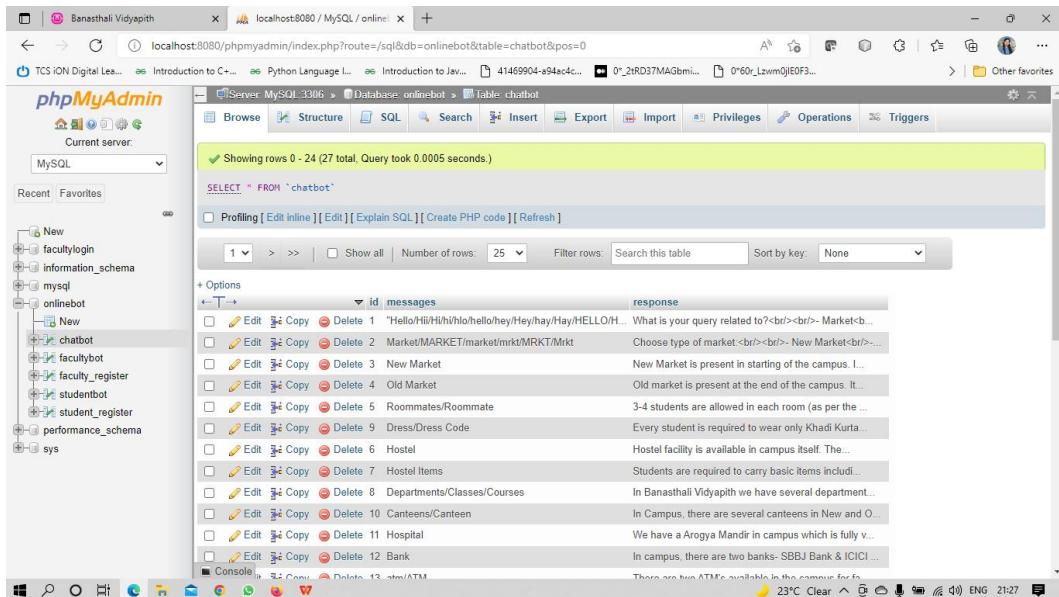


Table	Action	Rows	Type	Collation	Size	Overhead
chatbot		27	MyISAM	utf8mb4_general_ci	7.9 Kib	-
facultybot		18	MyISAM	utf8mb4_general_ci	5.0 Kib	-
faculty_register		2	MyISAM	utf8mb4_general_ci	3.1 Kib	-
studentbot		29	MyISAM	utf8mb4_general_ci	7.1 Kib	-
student_register		4	MyISAM	utf8mb4_general_ci	3.2 Kib	-
<b>Sum</b>		<b>80</b>	<b>MyISAM</b>	<b>utf8mb4_general_ci</b>	<b>26.3 Kib</b>	<b>0 B</b>

### ■ GUEST Chatbot Table:



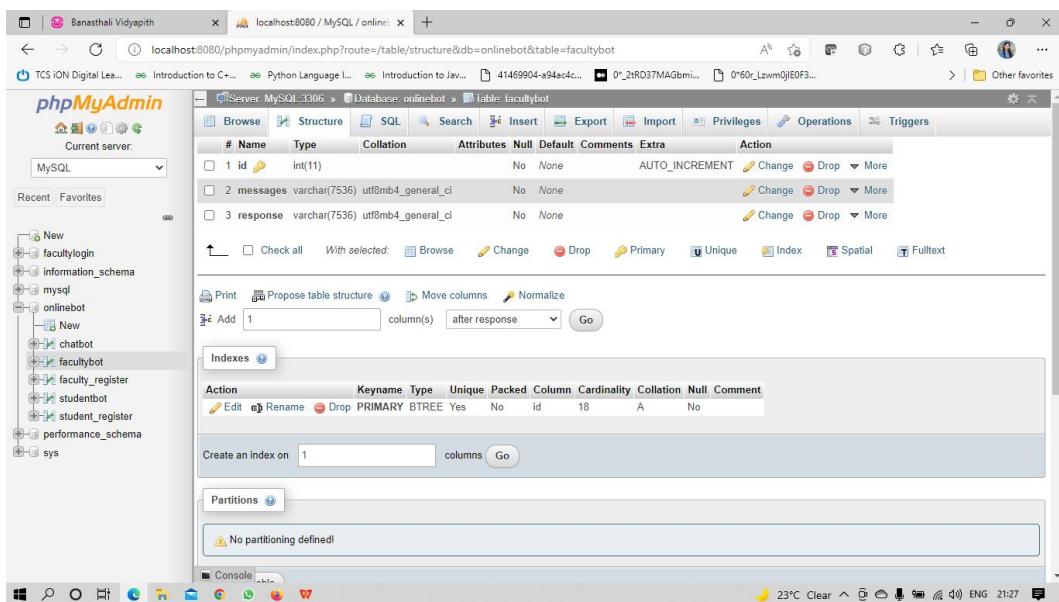
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)	utf8mb4_general_ci	No	None			AUTO_INCREMENT	More
2	messages	varchar(7536)	utf8mb4_general_ci	No	None			More	
3	response	varchar(7536)	utf8mb4_general_ci	No	None			More	



The screenshot shows the phpMyAdmin interface for the 'chatbot' table in the 'onlinebot' database. The table has three columns: id, messages, and response. The data includes various responses to common queries about the university's facilities and market.

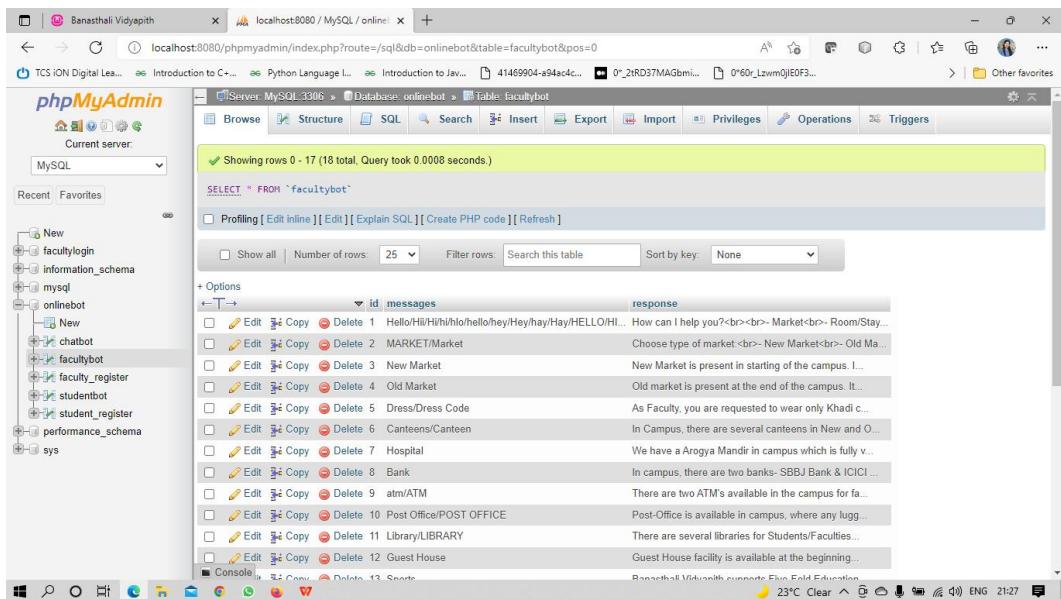
id	messages	response
1	Hello/Hii/Hi/hello/hey/Hey/hay/Hay/HELLOH...	What is your query related to?  - Market:<b>...
2	Market/MARKET/market/mrkt/MRKT/Mrkt	Choose type of market  - New Market: ...
3	New Market	New Market is present in starting of the campus. I...
4	Old Market	Old market is present at the end of the campus. It...
5	Roommates/Roommate	3-4 students are allowed in each room (as per the ...
9	Dress/Dress Code	Every student is required to wear only Khadi Kurta...
6	Hostel	Hostel facility is available in campus itself. The...
7	Hostel Items	Students are required to carry basic items includi...
8	Departments/Classes/Courses	In Banasthali Vidyapith we have several department...
10	Canteens/Canteen	In Campus, there are several canteens in New and O...
11	Hospital	We have a Arogya Mandir in campus which is fully v...
12	Bank	In campus, there are two banks- SBBJ Bank & ICICI ...

## ■ Faculty Chatbot Table:



The screenshot shows the phpMyAdmin interface for the 'facultybot' table in the 'onlinebot' database. The table has three columns: id, messages, and response. The table structure is defined with specific data types and constraints.

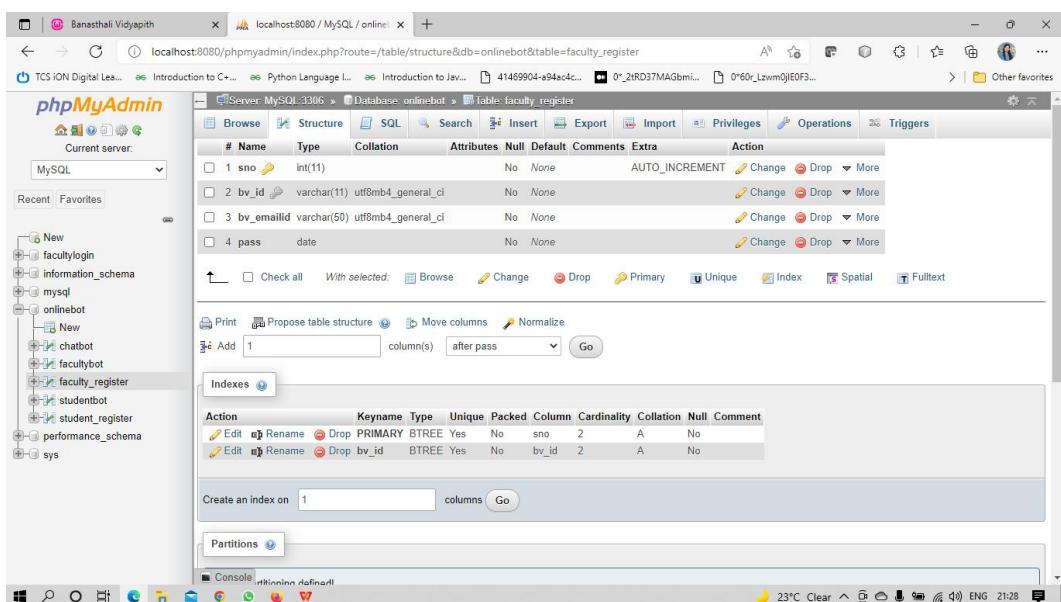
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT		<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	messages	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	response	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>



**Facultybot Table Data:**

	id	messages	response
1	1	Hello/Hii/Hii/hlo/hello/hey/Hey/hay/Hay/HELLO/H..	How can I help you?  - Market - Room/Stay..
2	2	MARKET/Market	Choose type of market  - New Market - Old Ma..
3	3	New Market	New Market is present in starting of the campus. I..
4	4	Old Market	Old market is present at the end of the campus. It..
5	5	Dress/Dress Code	As Faculty, you are requested to wear only Khadi c...
6	6	Canteens/Canteen	In Campus, there are several canteens in New and O..
7	7	Hospital	We have a Arogya Mandir in campus which is fully v...
8	8	Bank	In campus, there are two banks- SBBJ Bank & ICICI ..
9	9	atm/ATM	There are two ATM's available in the campus for fa...
10	10	Post Office/POST OFFICE	Post-Office is available in campus, where any lugg..
11	11	Library/LIBRARY	There are several libraries for Students/Faculties...
12	12	Guest House	Guest House facility is available at the beginning...

## ■ FACULTY Registration Table:



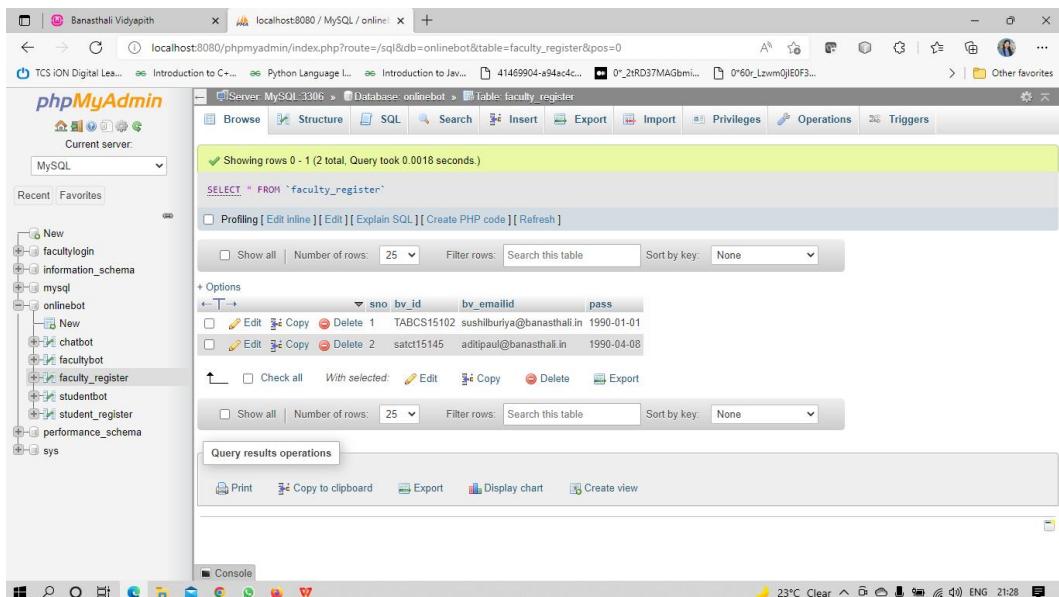
**faculty\_register Table Structure:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	sno	int(11)	utf8mb4_general_ci		No	None		AUTO_INCREMENT	Change □ Drop □ More
2	bv_id	varchar(11)	utf8mb4_general_ci		No	None			Change □ Drop □ More
3	bv_emailid	varchar(50)	utf8mb4_general_ci		No	None			Change □ Drop □ More
4	pass	date			No	None			Change □ Drop □ More

**Indexes:**

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
Edit	PRIMARY	BTREE	Yes	No	sno	2	A	No	
Edit	bv_id	BTREE	Yes	No	bv_id	2	A	No	

**Create an index on:** 1 columns Go



**Current server:** MySQL

**Recent:**

- New
- facultylogin
- information\_schema
- mysql
- onlinebot
- New
- chatbot
- facultybot
- faculty\_register** (selected)
- studentbot
- student\_register
- performance\_schema
- sys

**Table: faculty\_register**

**Structure:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT		<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	messages	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	response	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

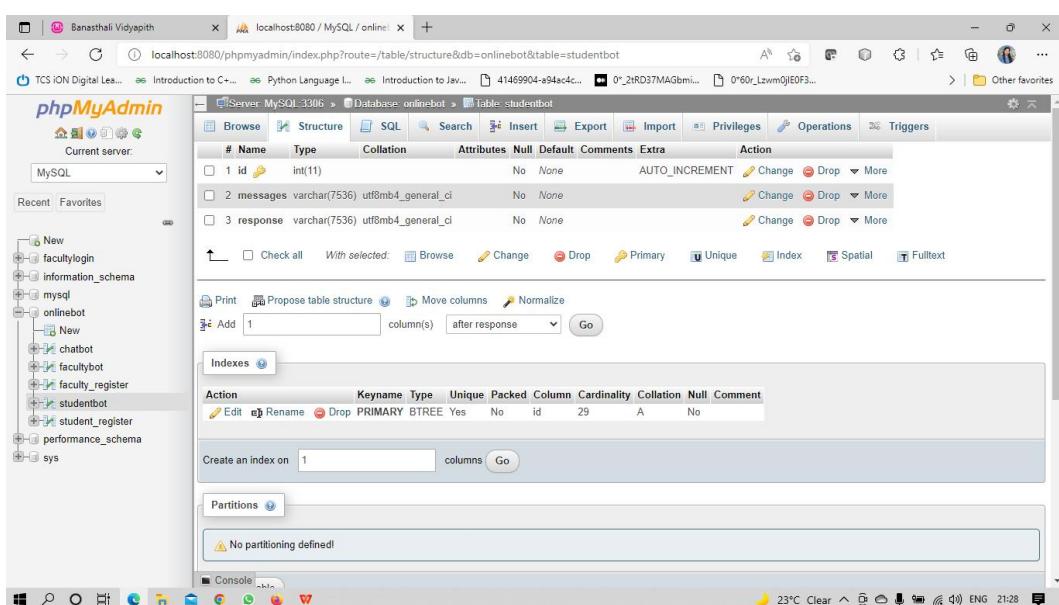
**Operations:**

- Show all
- Number of rows: 25
- Filter rows: Search this table
- Sort by key: None
- [Edit](#) [Copy](#) [Delete](#) 1 TABCS15102 sushilburuly@banasthali.in 1990-01-01
- [Edit](#) [Copy](#) [Delete](#) 2 satct15145 aditipaul@banasthali.in 1990-04-08
- [Check all](#) [With selected:](#) [Edit](#) [Copy](#) [Delete](#) [Export](#)
- Show all
- Number of rows: 25
- Filter rows: Search this table
- Sort by key: None

**Query results operations:**

- [Print](#)
- [Copy to clipboard](#)
- [Export](#)
- [Display chart](#)
- [Create view](#)

## ■ STUDENT Chatbot Table:



**Current server:** MySQL

**Recent:**

- New
- facultylogin
- information\_schema
- mysql
- onlinebot
- New
- chatbot
- facultybot
- faculty\_register**
- studentbot
- student\_register
- performance\_schema
- sys

**Table: studentbot**

**Structure:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT		<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
2	messages	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
3	response	varchar(7536)	utf8mb4_general_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

**Operations:**

- Show all
- With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Spatial](#) [Fulltext](#)
- [Add](#) 1 column(s) after response [Go](#)

**Indexes:**

Action	Keyname	Type	Unique	Packed	Column	Cardinality	Collation	Null	Comment
<a href="#">Edit</a> <a href="#">Rename</a> <a href="#">Drop</a>	PRIMARY	BTREE	Yes	No	id	29	A	No	

**Create an index on:** 1 columns [Go](#)

**Partitions:**

**No partitioning defined!**



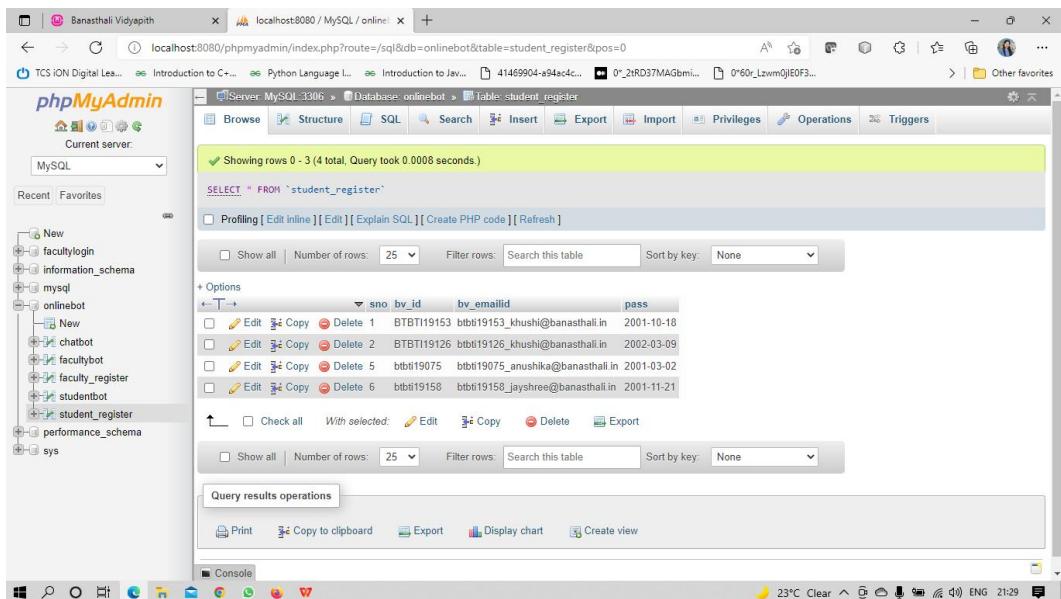
Screenshot of the phpMyAdmin interface showing the 'studentbot' table in the 'onlinebot' database. The table contains 29 rows of data, each representing a message or response from the chatbot. The columns are 'id', 'messages', and 'response'. Some entries include:

id	messages	response
1	Hello/Hii/hi/hi/hello/hey/Hay/hay/HAY/HELLO/HI...	What's your query related to?   Market ...
2	MARKET/Market	Choose type of market - New Market - Old Ma...
3	New Market	New Market is present in starting of the campus. It...
4	Old Market	Old market is present at the end of the campus. It...
5	Dress/Dress Code	Every student is required to wear only Khadi Kurta...
6	Canteens/Canteen	In Campus, there are several canteens in New and O...
7	Hospital	We have a Arogya Mandir in campus which is fully v...
8	Bank	In campus, there are two banks- SBBJ Bank & ICICI...
9	atm/ATM	There are two ATMs available in the campus for fa...
10	Post Office/POST OFFICE	Post-Office is available in campus, where any lugg...
11	Library/LIBRARY	There are several libraries for Students/Faculties...
12	Guest House	Guest House facility is available at the beginning...

## ■ STUDENT Registration Table:

Screenshot of the phpMyAdmin interface showing the 'student\_register' table in the 'onlinebot' database. The table has four columns: 'sno', 'bv\_id', 'bv\_emailid', and 'pass'. The 'sno' column is defined as AUTO\_INCREMENT. The 'pass' column is of type date. The 'Indexes' section shows two primary keys: 'sno' and 'bv\_id'. The 'Partitions' section is currently empty.

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	sno	int(11)	utf8mb4_general_ci		No	None	AUTO_INCREMENT		Change  Drop  More
2	bv_id	varchar(11)	utf8mb4_general_ci		No	None			Change  Drop  More
3	bv_emailid	varchar(50)	utf8mb4_general_ci		No	None			Change  Drop  More
4	pass	date			No	None			Change  Drop  More



## 4. CODING

### 4.1 Main Coding Modules (Screenshots):

- Home Page Code Snippet:**

```

<div class="form">
    <a href="guestbot.php"><button class="btnn"><b>GUEST</b></button></a>
    <a href="student_login.php"><button class="btnn"><b>STUDENT</b></button></a>
    <a href="faculty_login.php"><button class="btnn"><b>FACULTY</b></button></a>
    <br>
    <br>
    <center> </center>
</div>
<section class="covid_response">
    <div class="response">
        <header class="heading" align="center">
            <h2>Banasthali's response to COVID-19</h2>
            <p>Banasthali is implementing a phased recovery of university operations. We are currently in Stage 3 of the recovery process.</p>
        </header>
    </div>
</section>

```



#### ● Chatbot Code Snippet:

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** On the left, it lists files and folders. The current file is `guestbot.php`. Other files listed include `guestbot.html`, `BV.scheduledu.css`, `BV.scheduledu.html`, `BV.sports.css`, `BV.sports.html`, `BV.Video.mp4`, `credentials.php`, `demo.chatbot.css`, `demo.chatbot.html`, `fac otp.php`, `fabot.php`, `faculty_login.css`, `faculty_login.php`, `facultybot.php`, `guestbot.php` (the active file), `jsfile.js`, `mainbot.css`, `otp.css`, `otp.js`, `QUERY.jpg`, `stu_otp.php`, `stubot.php`, `student_Login.css`, `student_login.php`, and `studentbot.php`.
- Code Editor:** The main area displays the `guestbot.php` file content. The code is a client-side script using jQuery to handle keyup events and send messages to a server via AJAX. It includes logic to show or hide message input fields and append messages to a list.
- Status Bar:** At the bottom, it shows the file name `guestbot.php - PRAKSH-CHATBOT - Visual Studio Code`, the line number `In 76 Col 1`, and the status bar with icons for battery, signal, and time `23°C Clear 21:43`.

#### ● LOGIN & REGISTRATION Code Snippet:

```
File Edit Selection View Go Run Terminal Help faculty_login.php : PRAKSH-CHATBOT - Visual Studio Code

EXPLORER ... bot.php faculty_login.php x
bot.php > ...
1 #!php
2 require 'credentials.php';
3
4 session_start();
5
6 error_reporting(0);
7
8
9 if (isset($_POST["signup"])) {
10     $bv_id = mysqli_real_escape_string($conn, $_POST["signup_bv_id"]);
11     $bv_emailid = mysqli_real_escape_string($conn, $_POST["signup_bv_emailid"]);
12     $pass = mysqli_real_escape_string($conn, ($_POST['signup_password']));
13
14     $check_email = mysqli_num_rows(mysqli_query($conn, "SELECT bv_emailid FROM faculty_register WHERE bv_emailid='$bv_emailid'"));
15
16     if ($check_email > 0) {
17         <script>
18             alert('<?php echo "User registration failed. " . $bv_emailid . " already exists in our database!"?>');
19         </script>
20     </?php>
21 }
22 } else if(strlen($_POST["signup_bv_id"])==10){
23     $sql = "INSERT INTO faculty_register (bv_id, bv_emailid, pass) VALUES ('$bv_id', '$bv_emailid', '$pass')";
24     $result = mysqli_query($conn, $sql);
25     if ($result) {
26         $_POST["signup_bv_id"] = "";
27         $_POST["signup_bv_emailid"] = "";
28         $_POST["signup_password"] = "";
29         echo "<script>alert('User registration successful.');//</script>";
30     } else {
31         <script>
32             alert("<?php echo \"User registration failed. \" . $bv_id . \" already exists in our database!\"?>");
33     }
34 }
```

The screenshot shows the Visual Studio Code interface with the following details:

- File Explorer:** Shows files in the current workspace, including `bot.php`, `faculty_login.php`, and several files under the `PRAKSH-CHATBOT` folder.
- Editor:** Displays the `faculty_login.php` file with the following PHP code:

```
31     ?>
32     <script>
33     alert("<?php echo \"User registration failed. \" . \$bv_id . \" already exists in our database!\"?>");
34     </script>
35     </?php>
36   }
37 }else {
38   ?>
39     <script>
40     alert("<?php echo \"User registration failed. \" . \$bv_id . \" is incorrect\"?>");
41     </script>
42     <?php
43   }
44 }

if (isset($_POST["send"])) {

$id = mysqli_real_escape_string($conn, $_POST["bv_id"]);
$dob = mysqli_real_escape_string($conn, $_POST["bv_dob"]);

$all = mysqli_query($conn, "SELECT * FROM faculty_register WHERE bv_id=\"$id' AND pass=\"$dob\"");
$count = mysqli_num_rows($all);

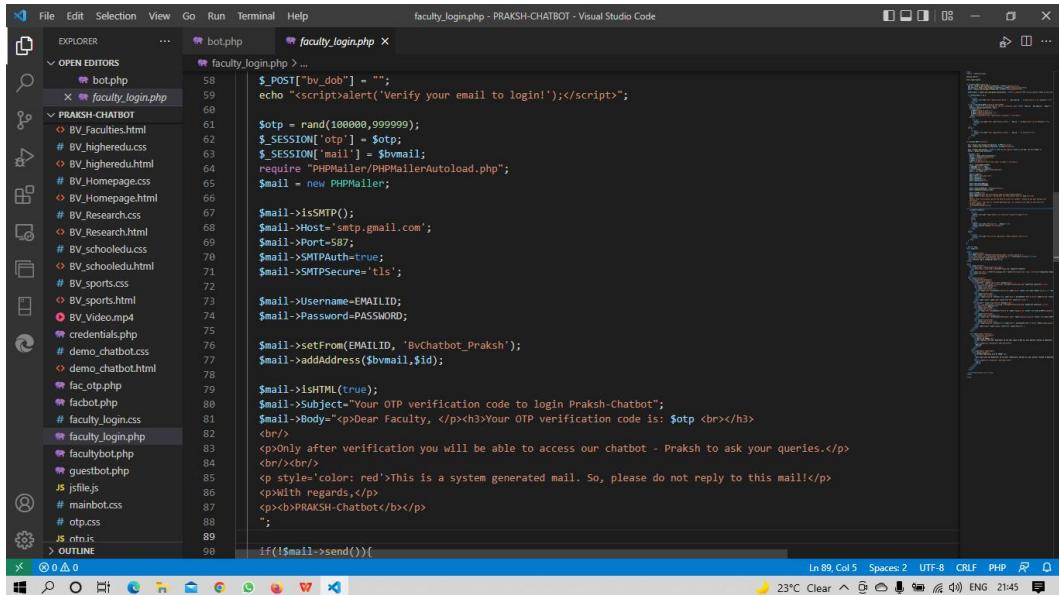
if($count > 0){
  $fetch = mysqli_fetch_assoc($all);
  $bmail = $fetch['bv_emailid'];
  $_POST["bv_id"] = "";
  $_POST["bv_dob"] = "";
  echo "<script>alert('Verify your email to login!');</script>";

  $otp = rand(100000,999999);
  $_SESSION['otp'] = $otp;
  $_SESSION['email'] = $bmail;
}

38
39
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```

The code handles user registration validation and generates a verification OTP for the user's email.

## ● E-Mail Sending Code Snippet:



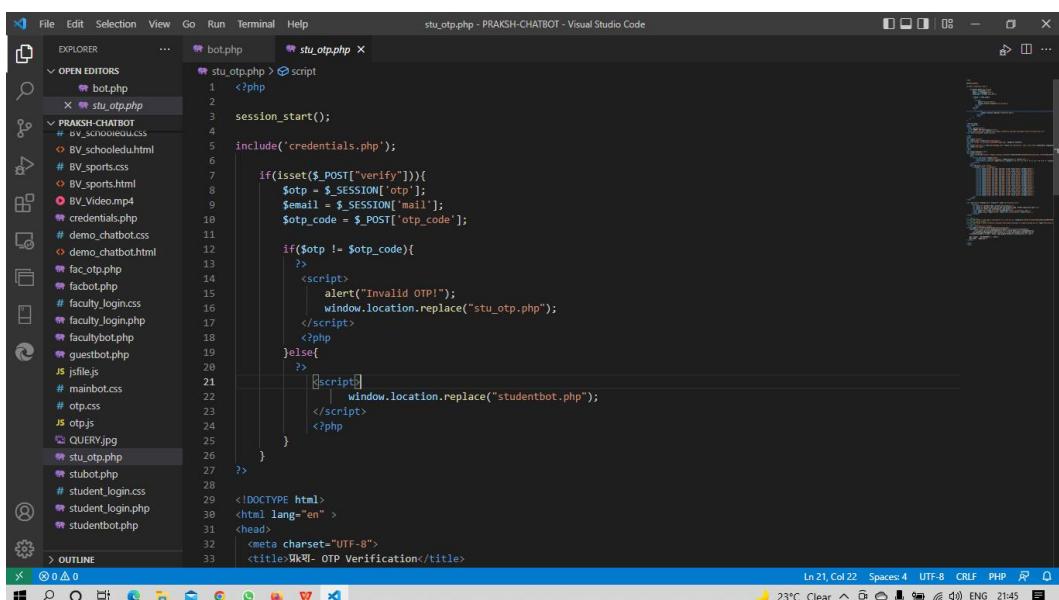
```

File Edit Selection View Go Run Terminal Help faculty_login.php - PRAKSH-CHATBOT - Visual Studio Code
EXPLORER OPEN EDITORS ...
bot.php faculty_login.php
PRAKSH-CHATBOT BV_Faculties.html # BV_higheredu.css # BV_Homepage.css # BV_Homepage.html # BV_Research.css # BV_Research.html # BV_schooledu.css # BV_schooledu.html # BV_sports.css # BV_sports.html # BV_Video.mp4 credentials.php # demo_chatbot.css # demo_chatbot.html fac_otp.php facbot.php # faculty_login.css faculty_login.php facbot.php guestbot.php jsfile.js # mainbot.css # otp.css # otp.js
JS otp.js
OUTLINE
faculty_login.php > ...
58     $POST['bv_dob'] = "";
59     echo "<script>alert('Verify your email to login!');</script>";
60
61     $otp = rand(100000,999999);
62     $_SESSION['otp'] = $otp;
63     $_SESSION['mail'] = $bvmail;
64     require "PHPMailer/PHPMailerAutoload.php";
65     $mail = new PHPMailer();
66
67     $mail->isSMTP();
68     $mail->Host= "smtp.gmail.com";
69     $mail->Port=587;
70     $mail->SMTPOAuth=true;
71     $mail->SMTPSecure="tls";
72
73     $mail->Username=EMAILID;
74     $mail->Password=PASSWORD;
75
76     $mail->setFrom(EMAILID, 'BvChatbot_Praksh');
77     $mail->addAddress($bvmail,$id);
78
79     $mail->isHTML(true);
80     $mail->Subject="Your OTP verification code to login Praksh-Chatbot";
81     $mail->Body="<p>Dear Faculty, </p><h3>Your OTP verification code is: $otp <br></h3>
<br>
<p>Only after verification you will be able to access our chatbot - Praksh to ask your queries.</p>
<br/><br/>
<p style='color: red;'>This is a system generated mail. So, please do not reply to this mail!</p>
<p>With regards,</p>
<p><b>PRAKSH-Chatbot</b></p>
";
88
89 if(!$mail->send()){

```

Ln 89, Col 5 Spaces: 2 UTF-8 CRLF PHP ⚡ 23°C Clear ⌂ ⌃ ⌄ ENG 21:45

## ● OTP Verification Code Snippet:



```

File Edit Selection View Go Run Terminal Help stu_otp.php - PRAKSH-CHATBOT - Visual Studio Code
EXPLORER OPEN EDITORS ...
bot.php stu_otp.php
PRAKSH-CHATBOT # bv_schooledu.css # BV_sports.css # BV_sports.html # BV_Video.mp4 credentials.php # demo_chatbot.css # demo_chatbot.html fac_otp.php facbot.php # faculty_login.css faculty_login.php facultybot.php guestbot.php jsfile.js # mainbot.css # otp.css # otp.js QUERY.jpg stu_otp.php studentbot.php # student_login.css student_login.php studentbot.php
stu_otp.php > script
1  <?php
2
3 session_start();
4
5 include('credentials.php');
6
7 if(isset($_POST['verify'])){
8     $otp = $_SESSION['otp'];
9     $email = $_SESSION['mail'];
10    $otp_code = $_POST['otp_code'];
11
12    if($otp != $otp_code{
13        ?>
14        <script>
15            alert("Invalid OTP!");
16            window.location.replace("stu_otp.php");
17        </script>
18        ?>php
19    }else{
20        ?>
21        <script>
22            window.location.replace("studentbot.php");
23        </script>
24        ?>php
25    }
26
27 ?>
28
29 <!DOCTYPE html>
30 <html lang="en" >
31 <head>
32     <meta charset="UTF-8">
33     <title>WKR- OTP Verification</title>

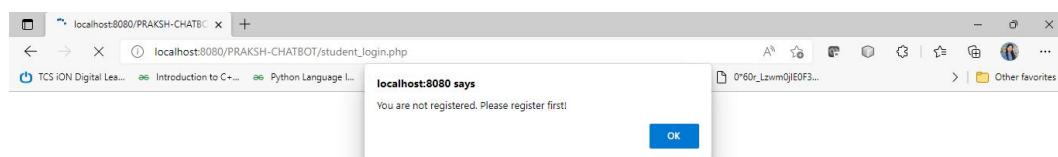
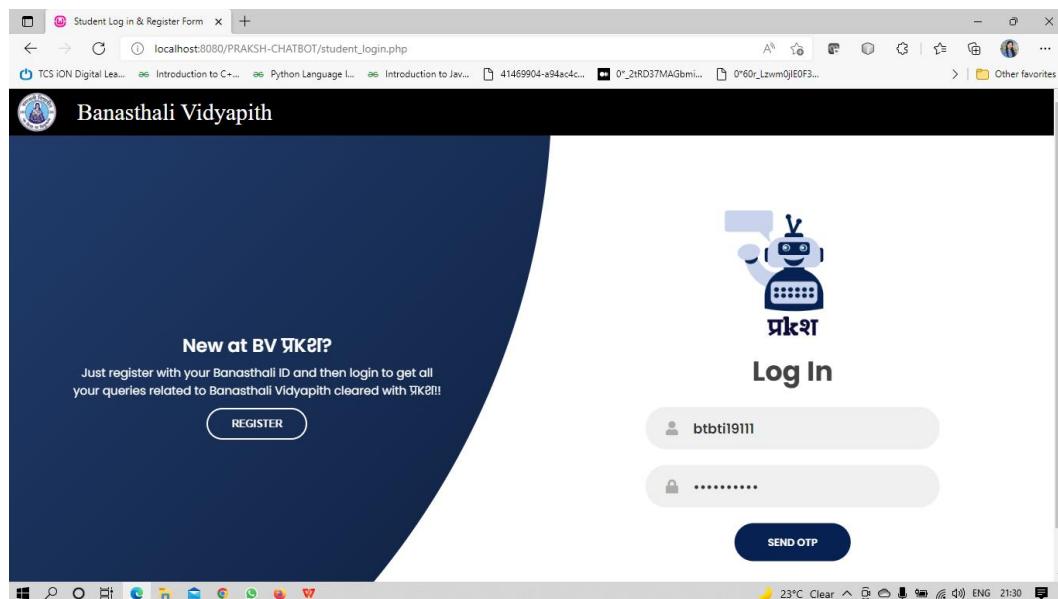
```

Ln 21, Col 22 Spaces: 4 UTF-8 CRLF PHP ⚡ 23°C Clear ⌂ ⌃ ⌄ ENG 21:45

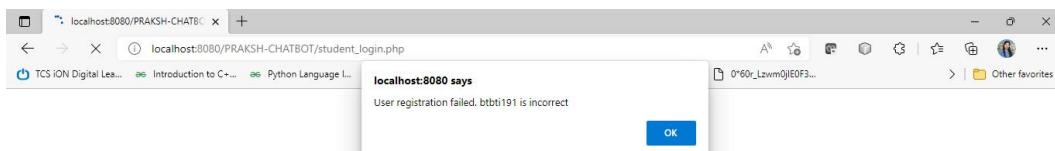
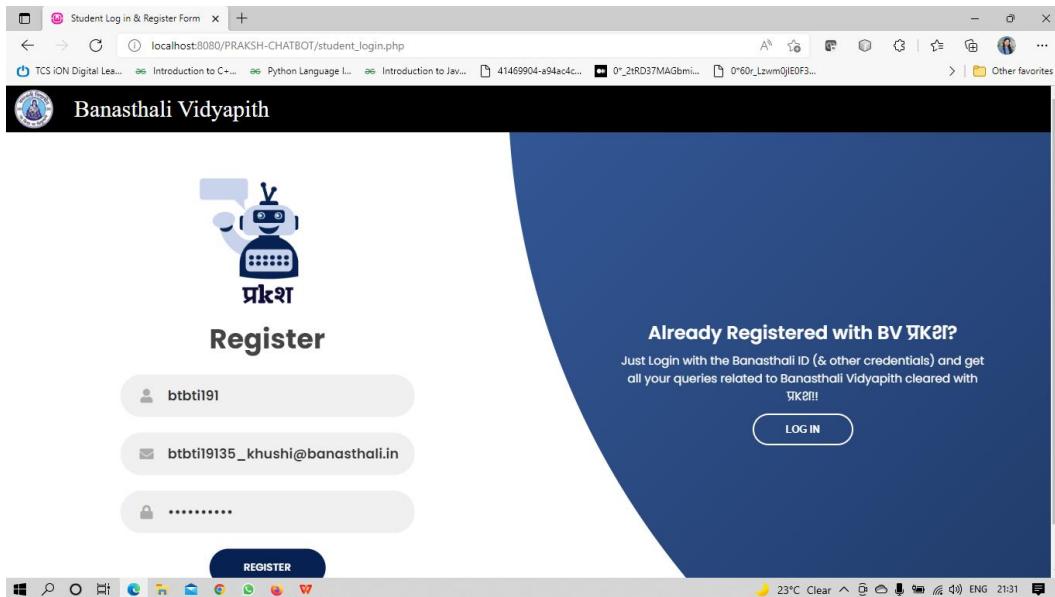
## 5. TESTING

### 5.1 Test Cases (Screenshot)

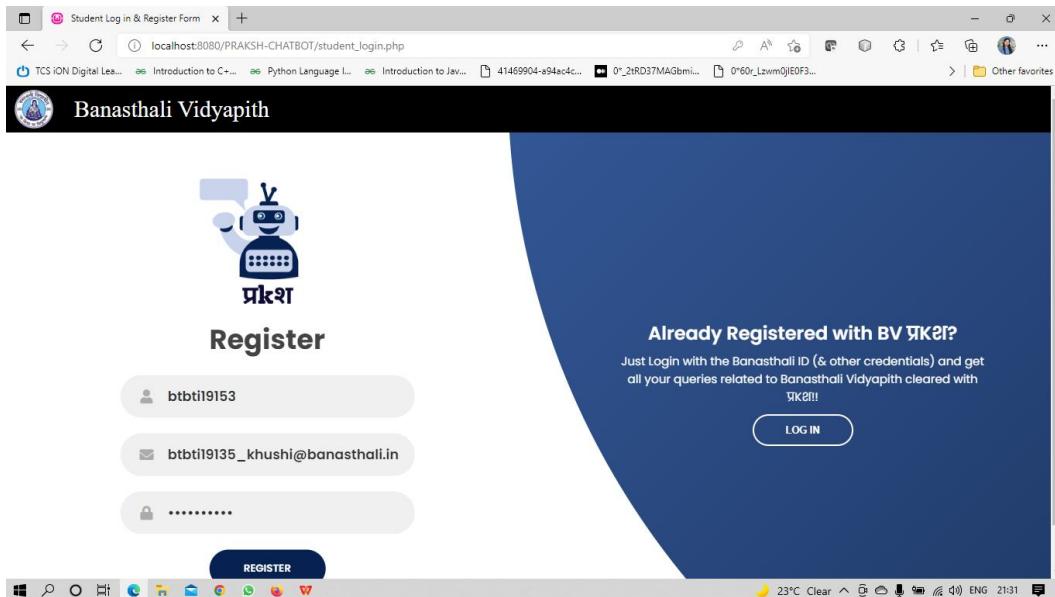
- **User Registration Alert (for New User):**



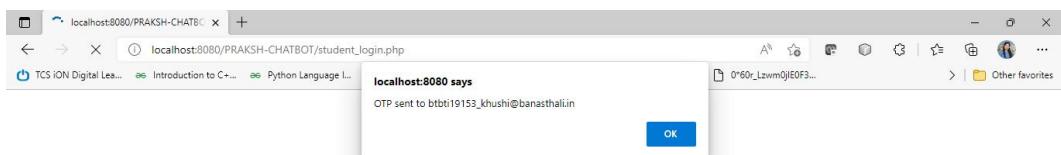
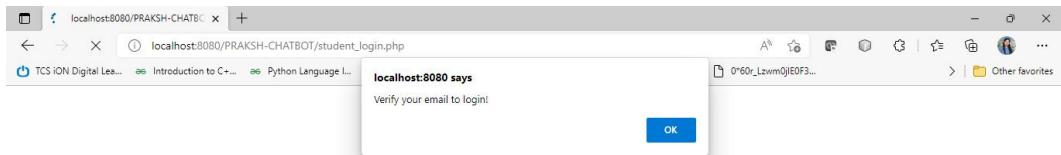
- Wrong Student ID Alert ( Registration Failed):

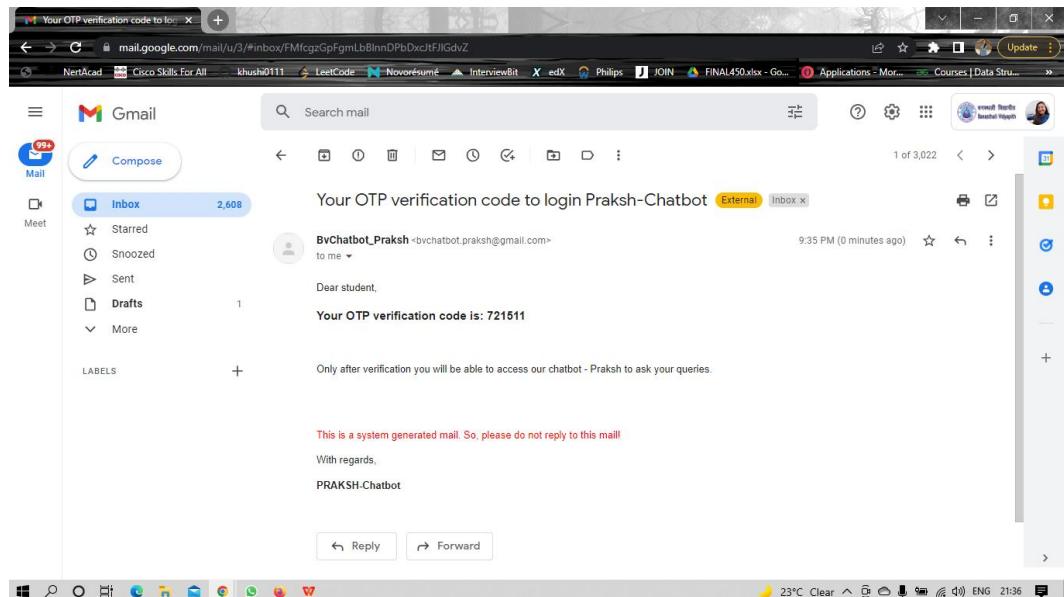


- User already registered Alert (Login Needed):

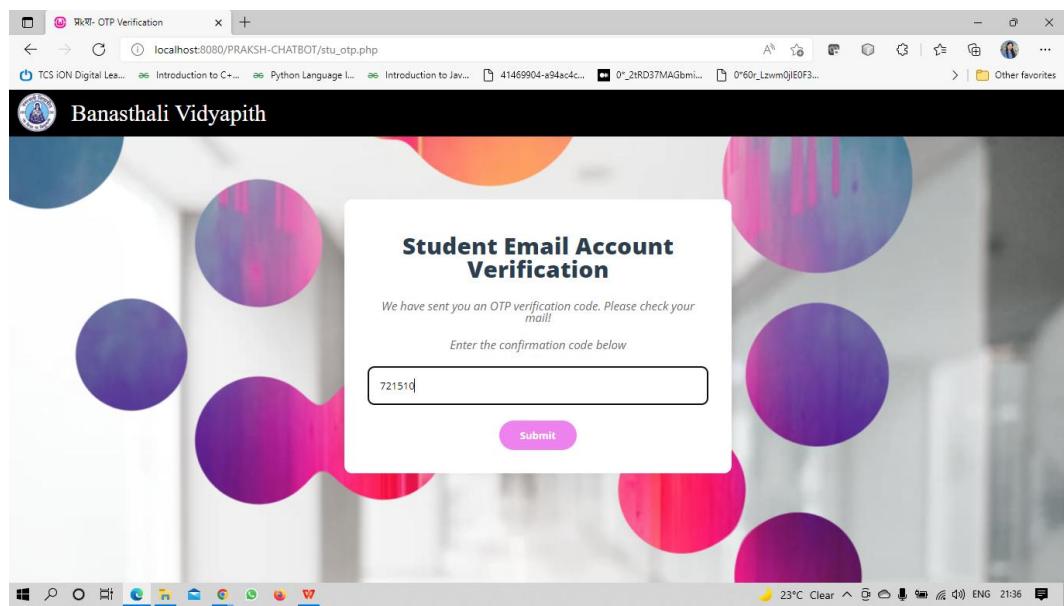


- **E-mail Verification (Check mail for OTP):**

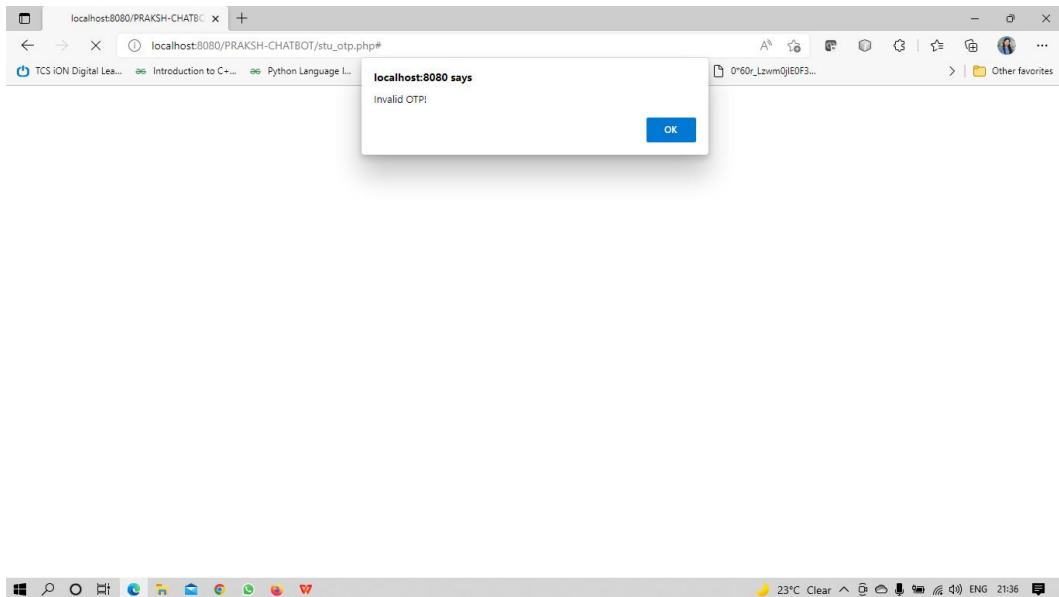




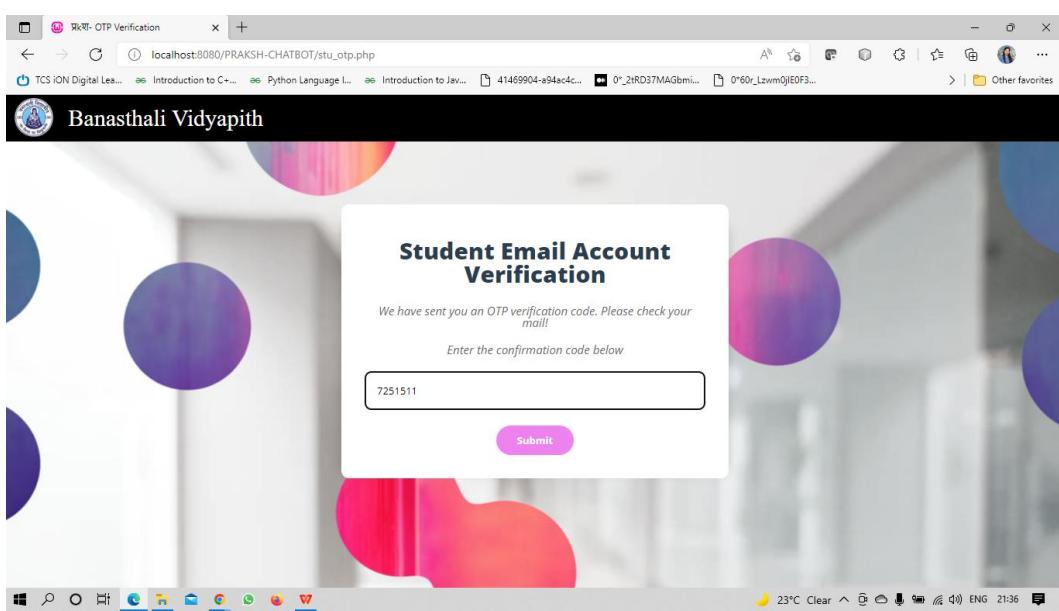
## ● Verifying OTP (Entering OTP):



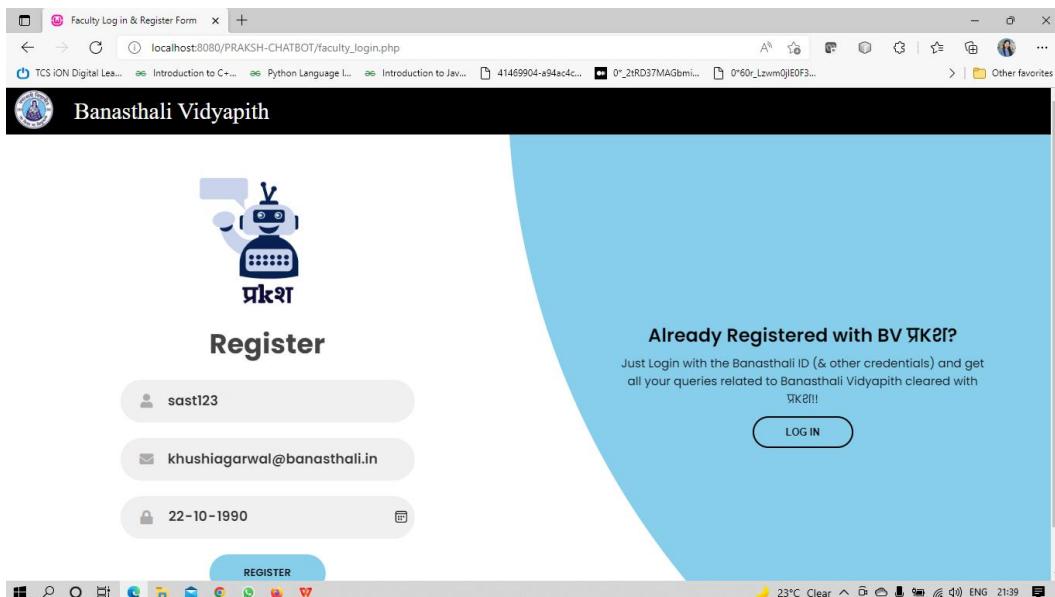
- **Verification Failed (Invalid OTP):**



- **Verification Successful (Correct OTP):**

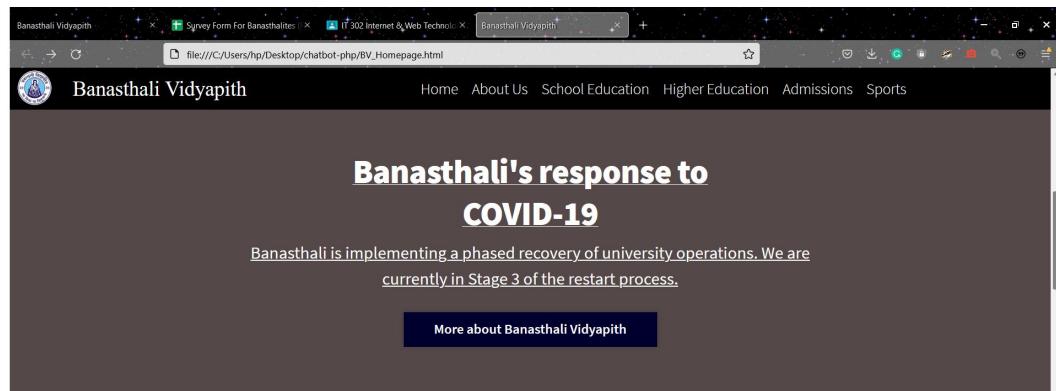
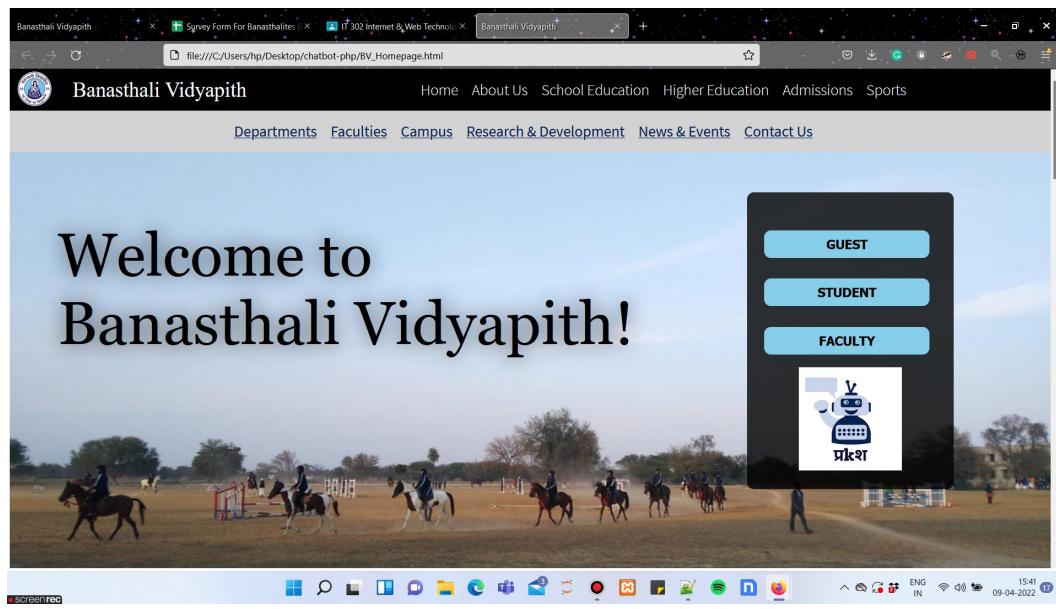


- Wrong Faculty ID Alert ( Registration Failed):



## 6. USER INTERFACES

- Home Page







Banasthali Vidyapith

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Homepage.html

Home About Us School Education Higher Education Admissions Sports

## Banasthali events

What's happening in campus?

More about Banasthali Events

screenrec

Banasthali Vidyapith

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Homepage.html

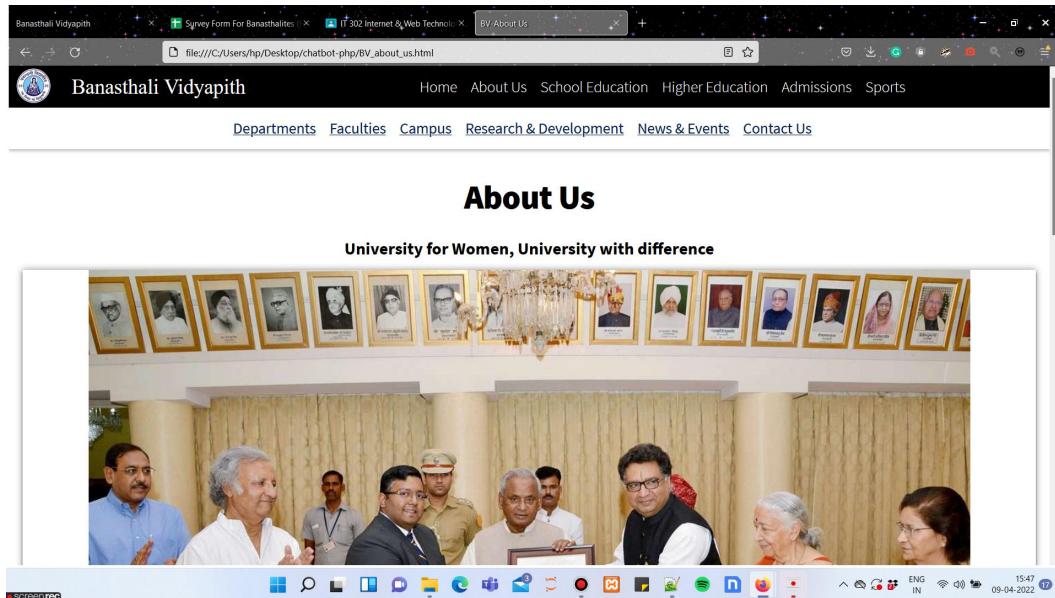
Home About Us School Education Higher Education Admissions Sports

More about Banasthali Events

**Banasthali Vidyapith- World's Leading Women's University**

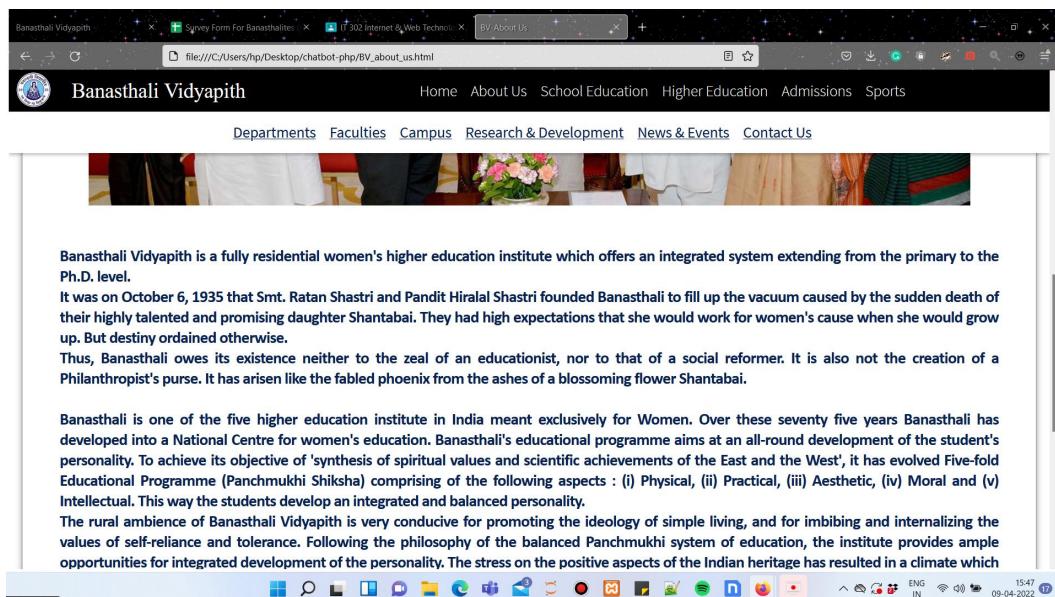
screenrec

- **About Us Page:**



**About Us**

**University for Women, University with difference**



Banasthali Vidyapith is a fully residential women's higher education institute which offers an integrated system extending from the primary to the Ph.D. level.

It was on October 6, 1935 that Smt. Ratan Shastri and Pandit Hiralal Shastri founded Banasthali to fill up the vacuum caused by the sudden death of their highly talented and promising daughter Shantabai. They had high expectations that she would work for women's cause when she would grow up. But destiny ordained otherwise.

Thus, Banasthali owes its existence neither to the zeal of an educationist, nor to that of a social reformer. It is also not the creation of a Philanthropist's purse. It has arisen like the fabled phoenix from the ashes of a blossoming flower Shantabai.

Banasthali is one of the five higher education institutes in India meant exclusively for Women. Over these seventy-five years, Banasthali has developed into a National Centre for women's education. Banasthali's educational programme aims at an all-round development of the student's personality. To achieve its objective of 'synthesis of spiritual values and scientific achievements of the East and the West', it has evolved a Five-fold Educational Programme (Panchmukhi Shiksha) comprising of the following aspects : (i) Physical, (ii) Practical, (iii) Aesthetic, (iv) Moral and (v) Intellectual. This way the students develop an integrated and balanced personality.

The rural ambience of Banasthali Vidyapith is very conducive for promoting the ideology of simple living, and for imbibing and internalizing the values of self-reliance and tolerance. Following the philosophy of the balanced Panchmukhi system of education, the institute provides ample opportunities for integrated development of the personality. The stress on the positive aspects of the Indian heritage has resulted in a climate which



Banasthali Vidyapith    Survey Form For Banasthalites    IT 302 Internet & Web Technolo...    BV/About Us

file:///C:/Users/hp/Desktop/chatbot-php/BV\_about\_us.html

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The rural ambience of Banasthali Vidyapith is very conducive for promoting the ideology of simple living, and for imbibing and internalizing the values of self-reliance and tolerance. Following the philosophy of the balanced Panchmukhi system of education, the institute provides ample opportunities for integrated development of the personality. The stress on the positive aspects of the Indian heritage has resulted in a climate which has contributed significantly to the task of the upliftment of women to enable them to take on leadership roles with confidence.

This institute has made full use of the autonomy provided under the deemed university status and has innovatively restructured the courses offered which include subjects ranging from the traditional as well as the emerging areas to the highest level of research (leading to the doctoral degree). Banasthali has been accredited by National Assessment and Accreditation Council (NAAC) with 'A' Grade (Five star Rating). Banasthali is a recipient of SANTBAL Award in the year 2000 for the services in the field of all round education of women.

[More about Banasthali](#)

**Banasthali Vidyapith- World's Leading Women's University**

screenrec

ENG IN 15:48 09-04-2022

## ● School Education Page:

Banasthali Vidyapith    Survey Form For Banasthalites    IT 302 Internet & Web Technolo...    BV-School Education

file:///C:/Users/hp/Desktop/chatbot-php/BV\_schooledu.html

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## School Education

### School Division

Banasthali Residential Senior Secondary School firmly believes in developing an integrated and complete personality of its students through five fold education namely: Moral, Physical, Intellectual, Aesthetic & Practical Education.

screenrec

ENG IN 15:48 09-04-2022



Banasthali Vidyapith      Survey Form For Banasthalites      IT 302 Internet & Web Technolo...      BV School Education

file:///C:/Users/hp/Desktop/chatbot-php/BV\_schooledu.html

**Banasthali Vidyapith**

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Banasthali Residential Senior Secondary School firmly believes in developing an integrated and complete personality of its students through five fold education namely: Moral, Physical, Intellectual, Aesthetic & Practical Education.

[More about Banasthali School Education](#)

**Banasthali Vidyapith- World's Leading Women's University**

screenrec

ENG IN 15:49 09-04-2022

## ● Higher Education Page:

Banasthali Vidyapith      Survey Form For Banasthalites      IT 302 Internet & Web Technolo...      BV Higher Education

file:///C:/Users/hp/Desktop/chatbot-php/BV\_higheredu.html

**Banasthali Vidyapith**

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## Higher Education

**Activities Under Five-Fold Education Programme Of  
Banasthali Vidyapith**

National Service Scheme (NSS)	Sports & Games
Banasthali Sewa Dal (BSD)	Athletics
Classical Dance/Music	Horse-Riding
Theatre	Swimming

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Banasthali Vidyapith

Survey Form For Banasthalites | IT 302 Internet & Web Technolo... BV-Higher Education

file:///C:/Users/hp/Desktop/chatbot-php/BV\_higheredu.html

Banasthali Vidyapith

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At the post-graduate level the Banasthali Vidyapith has taken up the task of opening up new and emerging areas of knowledge to women, to give them a competitive edge in their professional life. For example, post-graduate courses in Computer Science (covering both theoretical and application aspects), Operations Research, Electronics, Biotechnology and Management were started in past ten to fifteen years. Recently new courses in the emerging areas have been started such as MBA, M.Tech. (Remote Sensing), M.Tech. (VLSI Design), M.Sc. (Bio-Informatics), M.Pharm. (Pharmaceutical Chemistry), M.Sc. (Applied Microbiology and Biotechnology) and B.Design. It may not be an overstatement to say that in the past twenty years the Banasthali Vidyapith has found for itself a respectable place in the community of Higher Education Institutions.

Banasthali has remodeled all its PG programmes introducing semester scheme to provide a great degree of inter-disciplinary approach in the teaching-learning within the constituent disciplines of a faculty e.g. Mathematics, Computer Science, Electronics and Statistics.



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15:50 09-04-2022

Banasthali Vidyapith

Survey Form For Banasthalites | IT 302 Internet & Web Technolo... BV-Higher Education

file:///C:/Users/hp/Desktop/chatbot-php/BV\_higheredu.html

Banasthali Vidyapith

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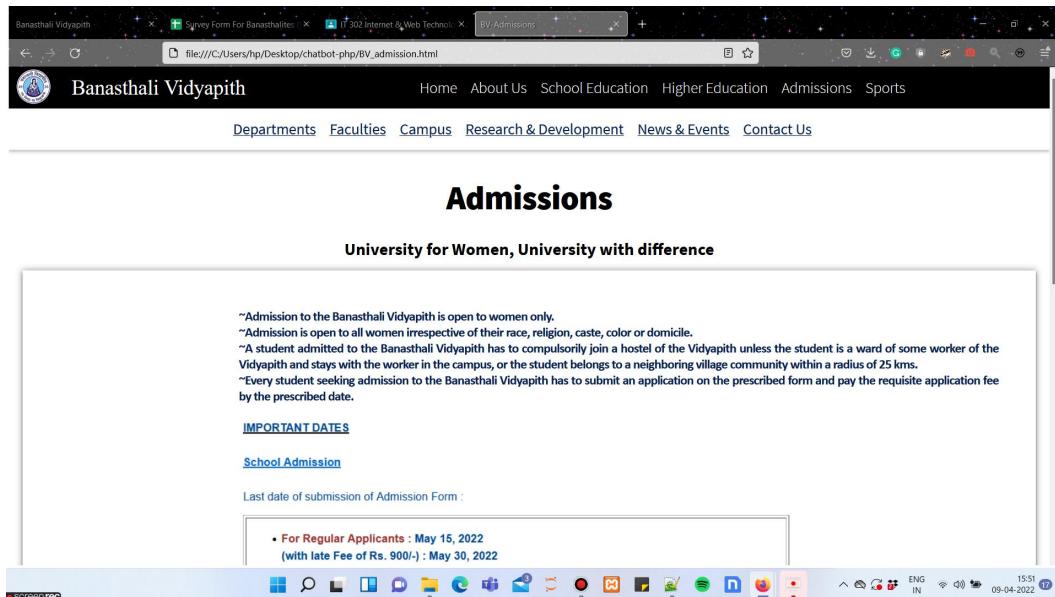
[More about Banasthali Higher Education](#)



**Banasthali Vidyapith- World's Leading Women's University**



- **Admissions Page:**



**Admissions**

**University for Women, University with difference**

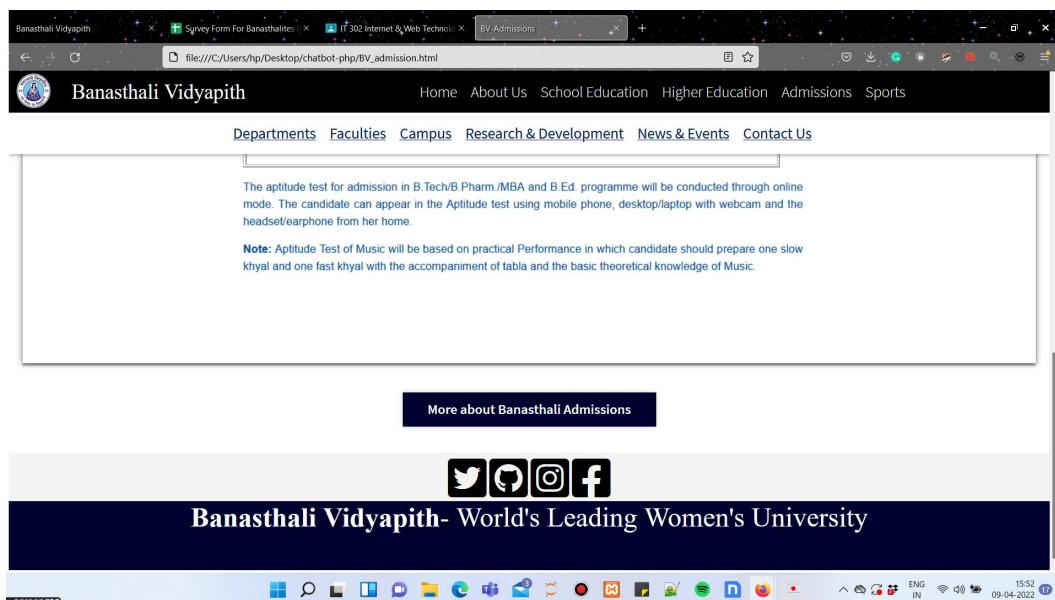
~Admission to the Banasthali Vidyapith is open to women only.  
 ~Admission is open to all women irrespective of their race, religion, caste, color or domicile.  
 ~A student admitted to the Banasthali Vidyapith has to compulsorily join a hostel of the Vidyapith unless the student is a ward of some worker of the Vidyapith and stays with the worker in the campus, or the student belongs to a neighboring village community within a radius of 25 kms.  
 ~Every student seeking admission to the Banasthali Vidyapith has to submit an application on the prescribed form and pay the requisite application fee by the prescribed date.

[IMPORTANT DATES](#)

[School Admission](#)

Last date of submission of Admission Form :

• For Regular Applicants : May 15, 2022  
 (with late Fee of Rs. 900/-) : May 30, 2022



The aptitude test for admission in B.Tech/B.Pharm./MBA and B.Ed. programme will be conducted through online mode. The candidate can appear in the Aptitude test using mobile phone, desktop/laptop with webcam and the headset/earphone from her home.

Note: Aptitude Test of Music will be based on practical Performance in which candidate should prepare one slow khyal and one fast khyal with the accompaniment of tabla and the basic theoretical knowledge of Music.

[More about Banasthali Admissions](#)



**Banasthali Vidyapith- World's Leading Women's University**

## ● Sports Page:

Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Technol BV-Sports

file:///C:/Users/hp/Desktop/chatbot-php/BV\_sports.html

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## Sports

**Banasthali Vidyapith Supports Five-Fold Education**

Intramural activities consist of all the sport and fitness activities carried on inside the campus of routine. The morning fitness programme for the masses, which starts at 6.00 a.m. in summer & 6.30 a.m. in winter includes Yogasans, Marshal Arts, Conditioning and Fitness exercise, and Aerobics. All these activities are carried out simultaneously at different stations at Vidula Maidan . Students join various activities according to their interest & choice.

The evening programme at Vidula Melden starts at 4.30 pm. which includes match practice for various games like Basketball, Volleyball, Athletics, Hockey, Football, Tennis, Marshal Arts, Kho-Kho, Kabaddi, Handball, Netball, Softball, Archery, Cricket & Swimming (Seasonal). Match Practice sessions are for the preparation of the teams for extramural competitions.



screenrec 15:52 05-04-2022

Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Technol BV-Sports

file:///C:/Users/hp/Desktop/chatbot-php/BV\_sports.html

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**Games and Sports:**

Inter-faculty/ Inter house competitions are few of the important events in the intramural programme. The intramural programme is formally opened every year with a festive look. It is represented by all the faculties of the Vidyapith and houses of the Higher Secondary and Primary schools. All the teams assemble at Vidula Maidan representing their faculty/ houses projecting some contemporary political , cultural & social issues in a colorful procession.

With the opening ceremony of intramurals, the year long inter-faculty/ house competition takes off. The intramural competitions are organized in approximately 15-20 games according to the time and facilities available. These competitions are organized throughout the session . A formal valedictory function is organized to declare the winner faculty/ house of year and to conclude the year long intramural programme.

Mass Demonstrations : Mass Demonstrations of indigenous skills such as Sword Fighting, Yogasanas, Javelin, Lezium, Lathi etc. are also taught and performed on various occasions.

screenrec 15:53 05-04-2022



Banasthali Vidyapith

file:///C:/Users/hp/Desktop/chatbot-php/BV\_sports.html

Banasthali Vidyapith

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Horse Riding: Horse Riding is a regular activity for the students in the campus. It is taught to all the interested students in the Vidyapith. Our riders participate in National Equestrian Competitions also. The riders of Banasthali have had been the silver medalists in 50 k.m. international endurance run competition.

Swimming: Swimming is a seasonal activity. This facility is also available to all the students of Banasthali. More than 50 % of the students learn swimming in the campus every year. The swimmers of Banasthali also participate in university, state and national level swimming competitions.

Banasthali Seva Dal: Banasthali Seva Dal has been introduced in the Vidyapith to train the students in March past, Ceremonial Parade and Rifle Shooting. Banasthali Seva Dal also runs the programme of girl guide, which has been registered with "Bharat Scouts and Guides" in the year 1988-89. It organizes the camps for girls guides and the eligible guides are selected to take part in state and national level camps. A Number of students from the Vidyapith have been honoured with "Rashtrapati Award". Two of our guides have been selected to attend the international events of the World Association of Girl Guides and Girl Scouts at Pune (WAGGGS).

A photograph showing several students in uniform lying on a pink and white striped mat, aiming rifles. An instructor stands to the left, supervising the activity.

Banasthali Vidyapith

file:///C:/Users/hp/Desktop/chatbot-php/BV\_sports.html

Banasthali Vidyapith

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A photograph showing several students in uniform lying on a pink and white striped mat, aiming rifles. An instructor stands to the left, supervising the activity.

[More about Banasthali Sports](#)



**Banasthali Vidyapith- World's Leading Women's University**





- Departments Page:

Banasthali Vidyapith | Survey Form For Banasthali | IT 302 Internet & Web Technol. | BV-Departments

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Departments.html

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# Departments

**Banasthali Vidyapith provides education in all the fields**

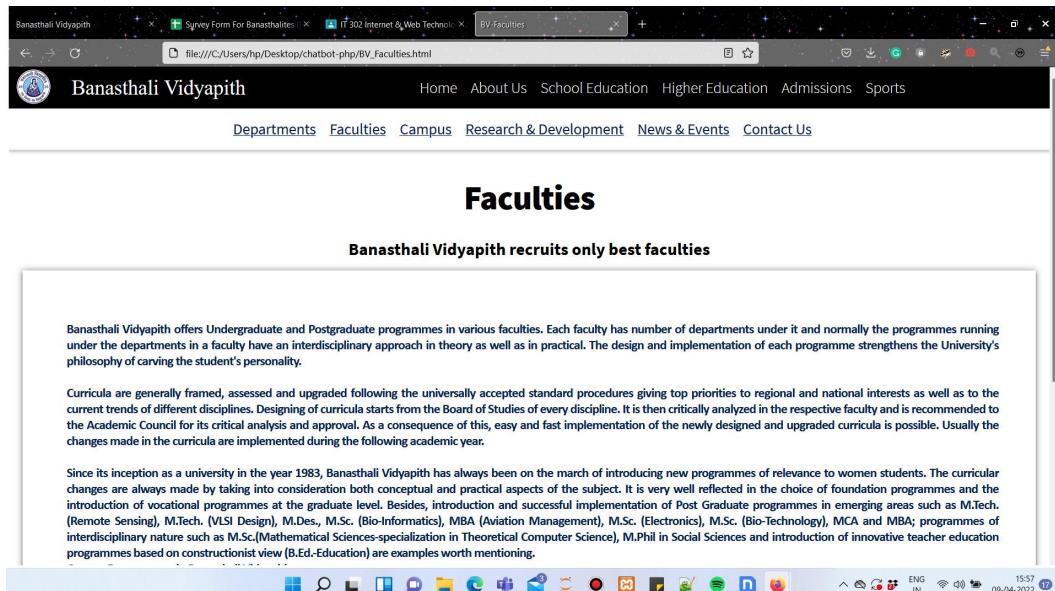


Banasthali Vidyapith has 27 Departments as of now.  
Current Departments in Banasthali Vidyapith are:

15:56 09-04-2022

A screenshot of a web browser displaying the Banasthali Vidyapith website. The title bar shows several open tabs, including 'Survey Form For Banasthali', 'IIT 302 Internet & Web Technol...', 'BV-Departments', and 'file:///C/Users/hp/Desktop/chatbot-php/BV\_Departments.html'. The main content area features the school's logo and name at the top left. A navigation menu includes links for Home, About Us, School Education, Higher Education, Admissions, Sports, Departments, Faculties, Campus, Research & Development, News & Events, and Contact Us. Below the menu, a list of academic departments is provided. At the bottom of the page is a dark footer bar with social media icons for Twitter, Quora, Instagram, and Facebook, and a large banner stating 'Banasthali Vidyapith- World's Leading Women's University'.

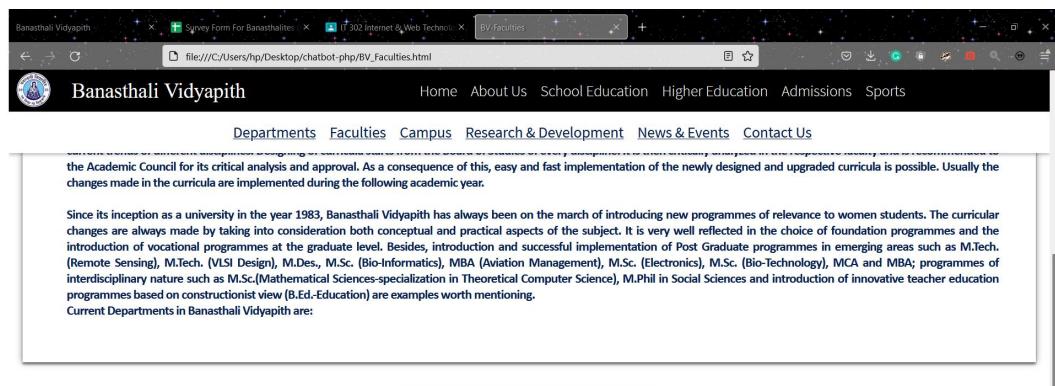
- **Faculties Page:**



The screenshot shows a Microsoft Edge browser window with the following details:

- Address bar: file:///C/Users/hp/Desktop/chatbot-php/BV\_Faculties.html
- Page title: Banasthali Vidyapith
- Page content:
  - Faculties**
  - Banasthali Vidyapith recruits only best faculties**
  - Banasthali Vidyapith offers Undergraduate and Postgraduate programmes in various faculties. Each faculty has number of departments under it and normally the programmes running under the departments in a faculty have an interdisciplinary approach in theory as well as in practical. The design and implementation of each programme strengthens the University's philosophy of carving the student's personality.
  - Curricula are generally framed, assessed and upgraded following the universally accepted standard procedures giving top priorities to regional and national interests as well as to the current trends of different disciplines. Designing of curricula starts from the Board of Studies of every discipline. It is then critically analyzed in the respective faculty and is recommended to the Academic Council for its critical analysis and approval. As a consequence of this, easy and fast implementation of the newly designed and upgraded curricula is possible. Usually the changes made in the curricula are implemented during the following academic year.
  - Since its inception as a university in the year 1983, Banasthali Vidyapith has always been on the march of introducing new programmes of relevance to women students. The curricular changes are always made by taking into consideration both conceptual and practical aspects of the subject. It is very well reflected in the choice of foundation programmes and the introduction of vocational programmes at the graduate level. Besides, introduction and successful implementation of Post Graduate programmes in emerging areas such as M.Tech. (Remote Sensing), M.Tech. (VLSI Design), M.Des., M.Sc. (Bio-Informatics), MBA (Aviation Management), M.Sc. (Electronics), M.Sc. (Bio-Technology), MCA and MBA; programmes of interdisciplinary nature such as M.Sc.(Mathematical Sciences-specialization in Theoretical Computer Science), M.Phil in Social Sciences and introduction of innovative teacher education programmes based on constructionist view (B.Ed-Education) are examples worth mentioning.

System tray icons include: screenrec, ENG IN, 15:57, 05-04-2022.



The screenshot shows a Microsoft Edge browser window with the following details:

- Address bar: file:///C/Users/hp/Desktop/chatbot-php/BV\_Faculties.html
- Page title: Banasthali Vidyapith
- Page content:
  - Faculties**
  - Banasthali Vidyapith recruits only best faculties**
  - the Academic Council for its critical analysis and approval. As a consequence of this, easy and fast implementation of the newly designed and upgraded curricula is possible. Usually the changes made in the curricula are implemented during the following academic year.
  - Since its inception as a university in the year 1983, Banasthali Vidyapith has always been on the march of introducing new programmes of relevance to women students. The curricular changes are always made by taking into consideration both conceptual and practical aspects of the subject. It is very well reflected in the choice of foundation programmes and the introduction of vocational programmes at the graduate level. Besides, introduction and successful implementation of Post Graduate programmes in emerging areas such as M.Tech. (Remote Sensing), M.Tech. (VLSI Design), M.Des., M.Sc. (Bio-Informatics), MBA (Aviation Management), M.Sc. (Electronics), M.Sc. (Bio-Technology), MCA and MBA; programmes of interdisciplinary nature such as M.Sc.(Mathematical Sciences-specialization in Theoretical Computer Science), M.Phil in Social Sciences and introduction of innovative teacher education programmes based on constructionist view (B.Ed-Education) are examples worth mentioning.
  - Current Departments in Banasthali Vidyapith are:

System tray icons include: screenrec, ENG IN, 15:58, 05-04-2022.

[More about Banasthali Faculties](#)



**Banasthali Vidyapith- World's Leading Women's University**

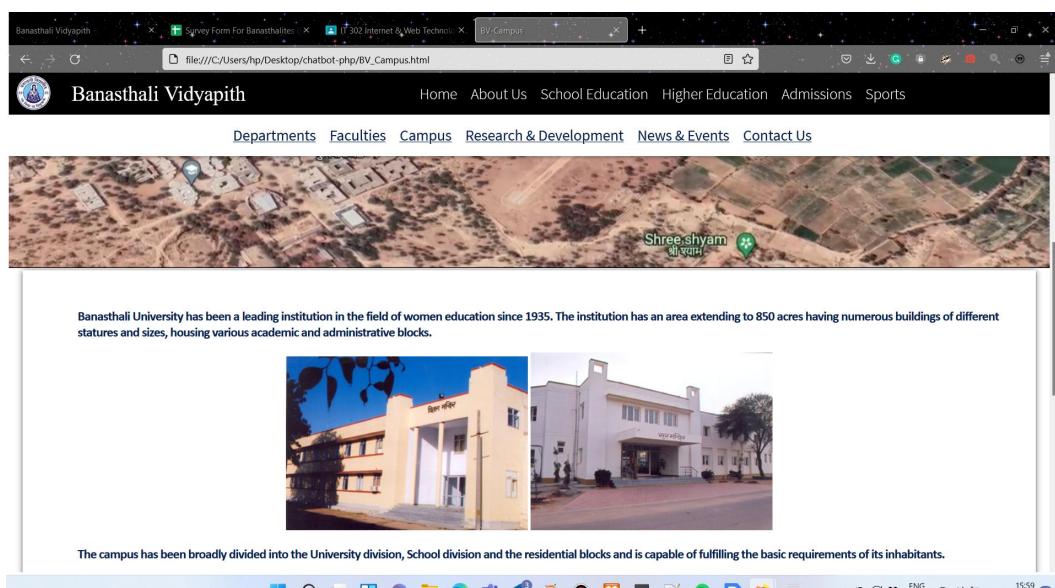
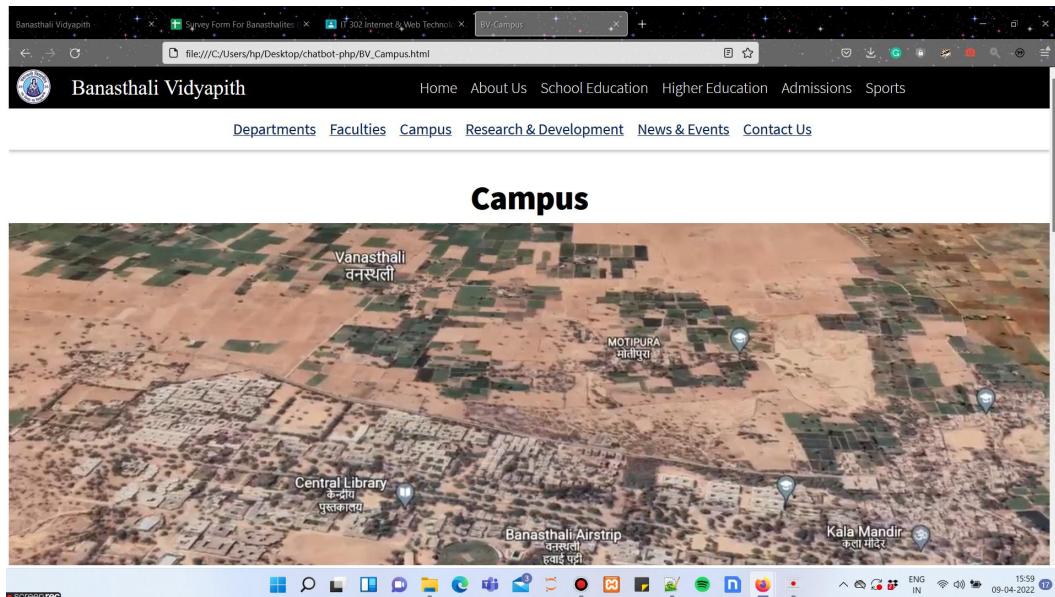


The screenshot shows a Microsoft Edge browser window with the following details:

- Address bar: file:///C/Users/hp/Desktop/chatbot-php/BV\_Faculties.html
- Page content:
  - Banasthali Vidyapith- World's Leading Women's University**

System tray icons include: screenrec, ENG IN, 15:58, 05-04-2022.

- Campus Page:





Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Technolo BV-Campus

[file:///C:/Users/hp/Desktop/chatbot-php/BV\\_Campus.html](#)

**Banasthali Vidyapith**

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Departments Faculties Campus Research & Development News & Events Contact Us

The campus has been broadly divided into the University division, School division and the residential blocks and is capable of fulfilling the basic requirements of its inhabitants.

screenrec

Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Technolo BV-Campus

[file:///C:/Users/hp/Desktop/chatbot-php/BV\\_Campus.html](#)

**Banasthali Vidyapith**

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More about Banasthali Campus

**Banasthali Vidyapith- World's Leading Women's University**

screenrec



Banasthali Vidyapith Syllabus Form For Banasthalites IT 302 Internet & Web Technolo BV-Campus

Banasthali Vidyapith Home About Us School Education Higher Education Admissions Sports

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The campus has been broadly divided into the University division, School division and the residential blocks and is capable of fulfilling the basic requirements of its inhabitants.

**Banasthali University**  
Banasthali Rd, Alwar, Rajasthan 304022  
4.3 ★★★★☆ 950 reviews  
View larger map

**Banasthali Vidyapeeth**  
Banasthali Rd, Alwar, Rajasthan 304022  
Hotel Aagrah  
Food Street  
YUVAN CAB SERVICE  
Choudhary Ranjeetan Petrolum

More about Banasthali Campus

screenrec 16:01 09-04-2022

## ● Research & Development Page:

Banasthali Vidyapith Syllabus Form For Banasthalites IT 302 Internet & Web Technolo BV-Research & Development

Banasthali Vidyapith Home About Us School Education Higher Education Admissions Sports

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## Research & Development

**Banasthali Vidyapith has several contributions in Research Field**

Research has been an integral component of the higher education in Banasthali even before its attainment of Deemed University status. However, initially it was mainly in the form of

screenrec 16:02 09-04-2022



Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Techno... BV/Research & Development

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Research.html

**Banasthali Vidyapith**

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- Coll - Net "IT for Socioeconomic Development of Rajasthan" - a Ministry of Information Technology, GOI project in the Department of Computer Science & Electronics, AIM & ACT (2002 - 2005)  
 - The Distribution of V - ATPase and V - PPase in Plants growing as Natural Inhabitants in the Semi Arid Region of North West India" a DST - DAAD project in the Department of Bioscience and Biotechnology (2001 - 2004)  
 - DAAD (German Academic Exchange Service) Equipment Grant, approx. Rs. 12 lacs, under "DST-DAAD equipment grant programme for higher education and comparable scientific research institutions in developing countries" in the Department of Bioscience and Biotechnology (2004).  
 - 'Gyanaudyog - IT Culture Development & Women Empowerment through Localised Home Entrepreneurship, Ministry of Communication & Information Technology, GOI sponsored project, (2004 - 05) and 'Gyanijyoti' a similar project from DoIT & C, Government of Rajasthan in two phases in 2005 and 2006.  
 - Women Study and Research Centre: University Grants Commission, Ministry of Human Resource Development, Government of India, 2004 - 2007.  
 - Evaluation of English to Indian Languages Machine Translation, Ministry of Communication & Information Technology, Government of India (2006 - 08).

More about Banasthali Research & Development

[Twitter](#) [Q](#) [Instagram](#) [Facebook](#)

**Banasthali Vidyapith- World's Leading Women's University**

screenrec 16:02 ENG IN 05-04-2022

## ● News & Events Page:

Banasthali Vidyapith Survey Form For Banasthalites IT 302 Internet & Web Techno... BV News & Events

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Events.html

**Banasthali Vidyapith**

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Departments Faculties Campus Research & Development News & Events Contact Us

## Event Calender

Upcoming events happening on the Banasthali campus



**FLYING DISPLAY**  
Bridging the Gap in the society



**EXHIBITION**  
Exquisite Reality: Photography and the Invention of Nationhood 1851-1900



**LAWFUL DISCUSSION**  
Say Their Names - No More Names



**CONFERENCE /SYMPOSIUM**  
15th Annual Autism Update 09:00 AM PT

screenrec 16:02 ENG IN 05-04-2022



Banasthali Vidyapith Syllabus Form For Banasthalites IT 302 Internet & Web Technology BV/News & Events

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Events.html

Banasthali Vidyapith Home About Us School Education Higher Education Admissions Sports

Departments Faculties Campus Research & Development News & Events Contact Us

**CONVOCATION**  
Banasthali Awarded: P V Sindhu

**BAND COMPETITION**  
Girls can be warriors-representing equality.

**MAR 23 20TH ANNUAL COMMUNITY HEALTH SYMPOSIUM**  
04:00 PM PT

**REPUBLIC DAY CELEBRATION**  
Opening Ceremony: 04:00 PM PT

screenrec 16:03 09-04-2022

Banasthali Vidyapith Syllabus Form For Banasthalites IT 302 Internet & Web Technology BV/News & Events

file:///C:/Users/hp/Desktop/chatbot-php/BV\_Events.html

Banasthali Vidyapith Home About Us School Education Higher Education Admissions Sports

Departments Faculties Campus Research & Development News & Events Contact Us

**CONVOCATION**  
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**BAND COMPETITION**  
Girls can be warriors-representing equality.

**MAR 23 20TH ANNUAL COMMUNITY HEALTH SYMPOSIUM**  
04:00 PM PT

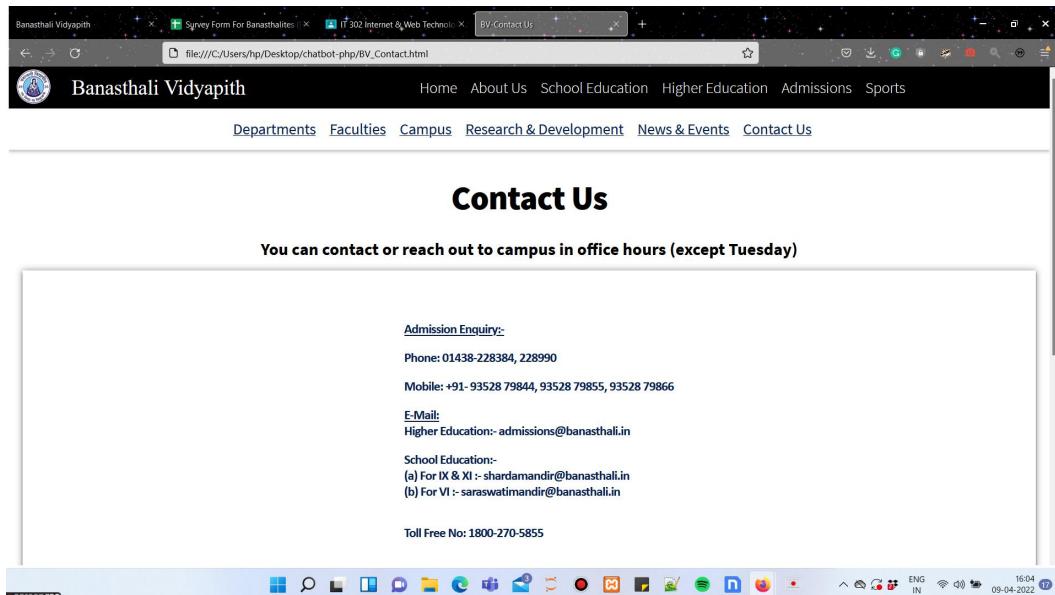
**REPUBLIC DAY CELEBRATION**  
Opening Ceremony: 04:00 PM PT

More about Banasthali Events

**Banasthali Vidyapith- World's Leading Women's University**

screenrec 16:04 09-04-2022

- **Contact Us Page:**



**Contact Us**

You can contact or reach out to campus in office hours (except Tuesday)

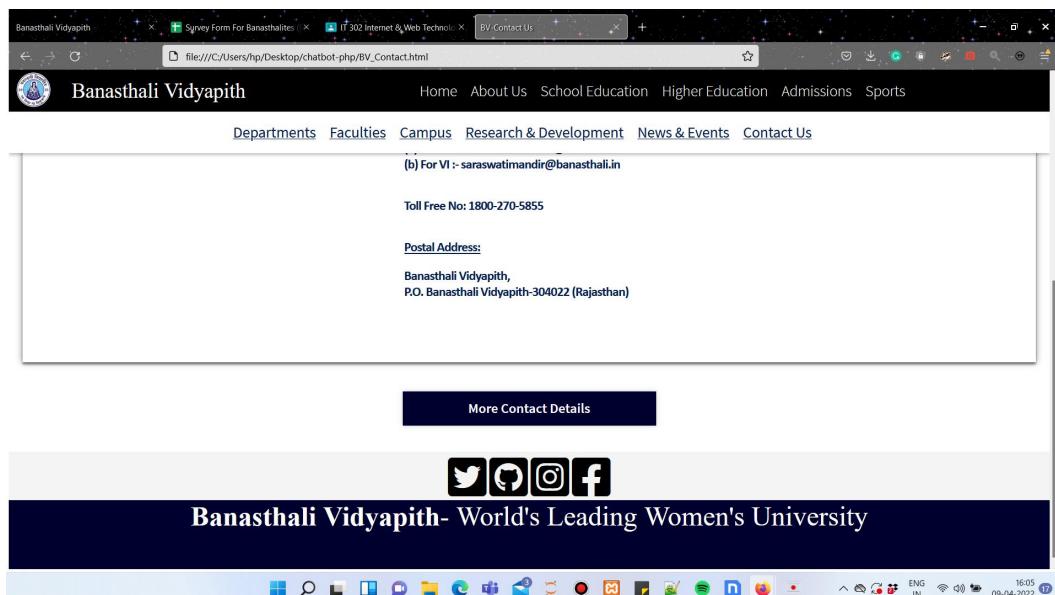
**Admission Enquiry:-**

Phone: 01438-228384, 228990  
 Mobile: +91- 93528 79844, 93528 79855, 93528 79866

**E-Mail:**  
 Higher Education- admissions@banasthali.in

School Education-  
 (a) For IX & XI :- shardamandir@banasthali.in  
 (b) For VI :- saraswatinandri@banasthali.in

Toll Free No: 1800-270-5855



(b) For VI :- saraswatinandri@banasthali.in

Toll Free No: 1800-270-5855

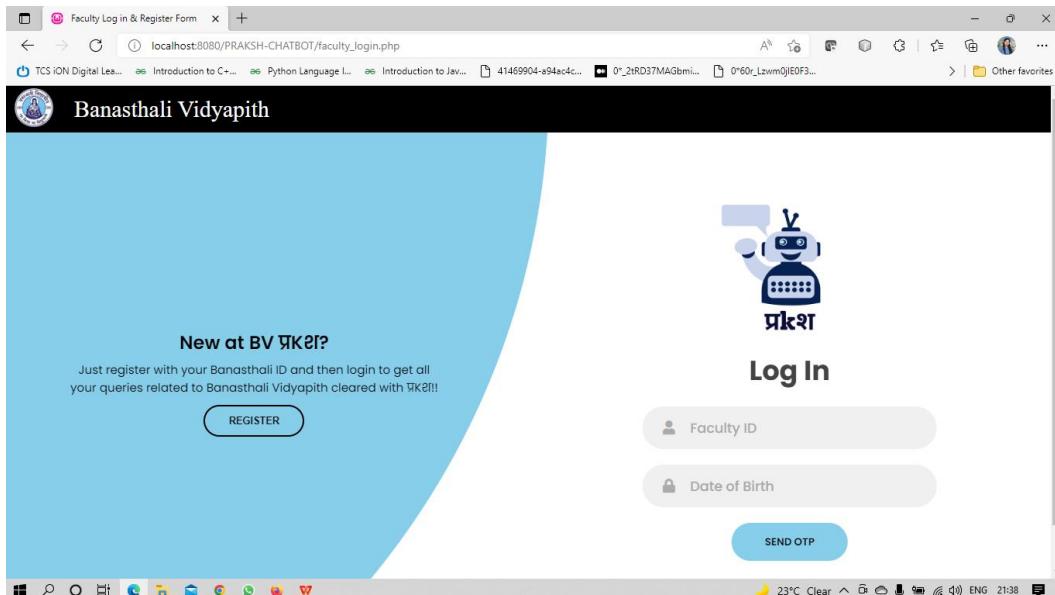
**Postal Address:**  
 Banasthali Vidyapith,  
 P.O. Banasthali Vidyapith-304022 (Rajasthan)

[More Contact Details](#)



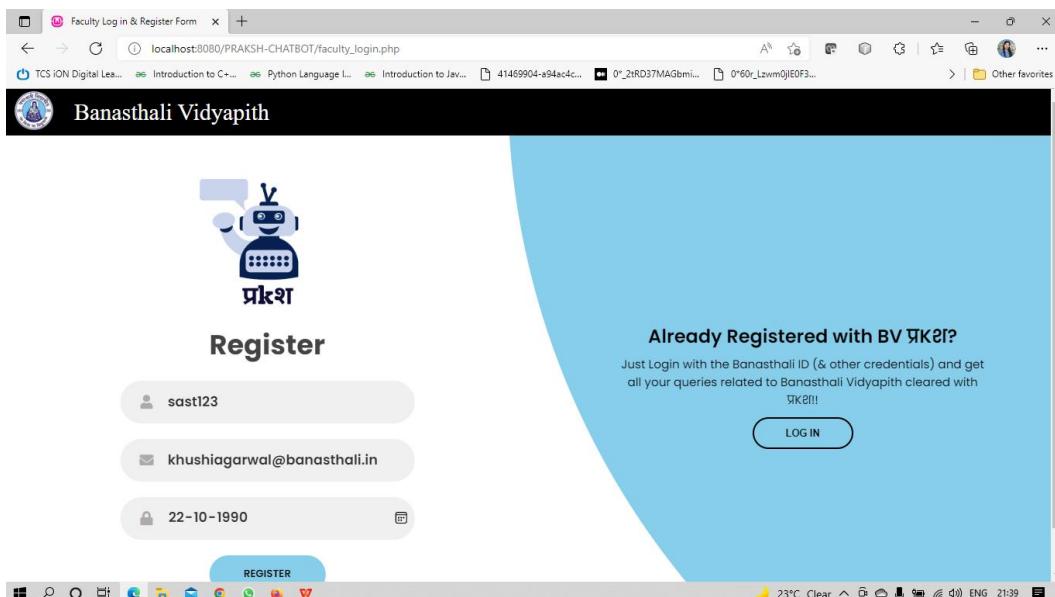
**Banasthali Vidyapith- World's Leading Women's University**

- **FACULTY LOGIN PAGE:**



The screenshot shows a web browser window titled "Faculty Log in & Register Form" with the URL "localhost:8080/PRAKSH-CHATBOT/faculty\_login.php". The page features a blue header with the Banasthali Vidyapith logo and the text "Banasthali Vidyapith". Below the header, there is a section for new users with the heading "New at BV प्रक्ष??" and a sub-instruction: "Just register with your Banasthali ID and then login to get all your queries related to Banasthali Vidyapith cleared with प्रक्ष!!!" It includes a "REGISTER" button. To the right, there is a "Log In" section featuring a robot icon labeled "प्रक्ष" and fields for "Faculty ID" and "Date of Birth", with a "SEND OTP" button below them. The status bar at the bottom shows system information like "23°C Clear", "ENG 21:38", and other browser icons.

- **FACULTY REGISTRATION PAGE:**



The screenshot shows a web browser window titled "Faculty Log in & Register Form" with the URL "localhost:8080/PRAKSH-CHATBOT/faculty\_login.php". The page features a blue header with the Banasthali Vidyapith logo and the text "Banasthali Vidyapith". Below the header, there is a registration section with a robot icon labeled "प्रक्ष" and the word "Register". It includes input fields for "User Name" (sast123), "Email" (khushigarwal@banasthali.in), and "Date of Birth" (22-10-1990). At the bottom is a "REGISTER" button. To the right, there is a section for existing users with the heading "Already Registered with BV प्रक्ष??" and a sub-instruction: "Just Login with the Banasthali ID (& other credentials) and get all your queries related to Banasthali Vidyapith cleared with प्रक्ष!!!" It includes a "LOG IN" button. The status bar at the bottom shows system information like "23°C Clear", "ENG 21:39", and other browser icons.



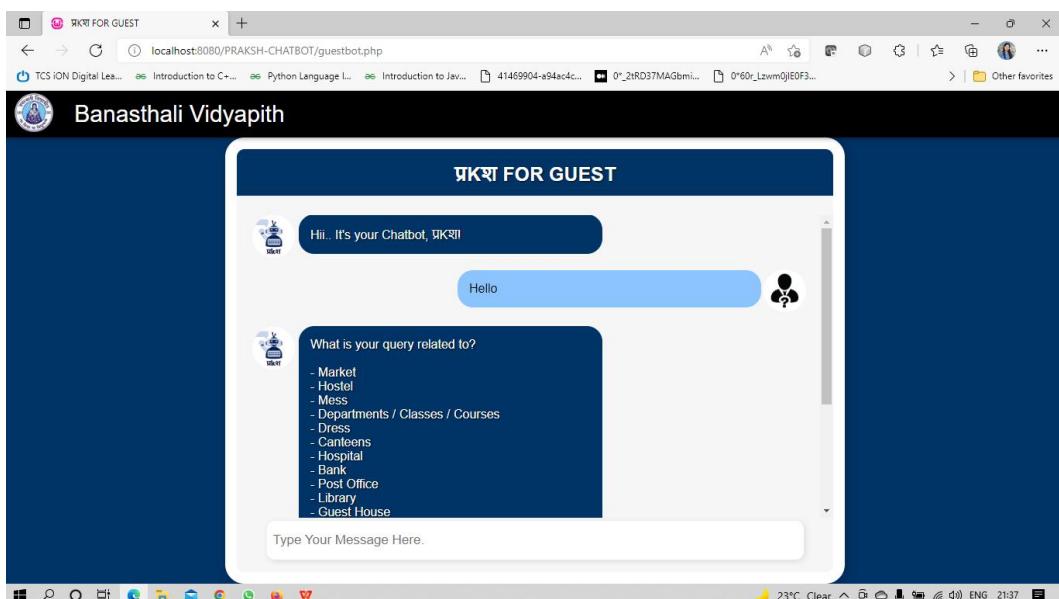
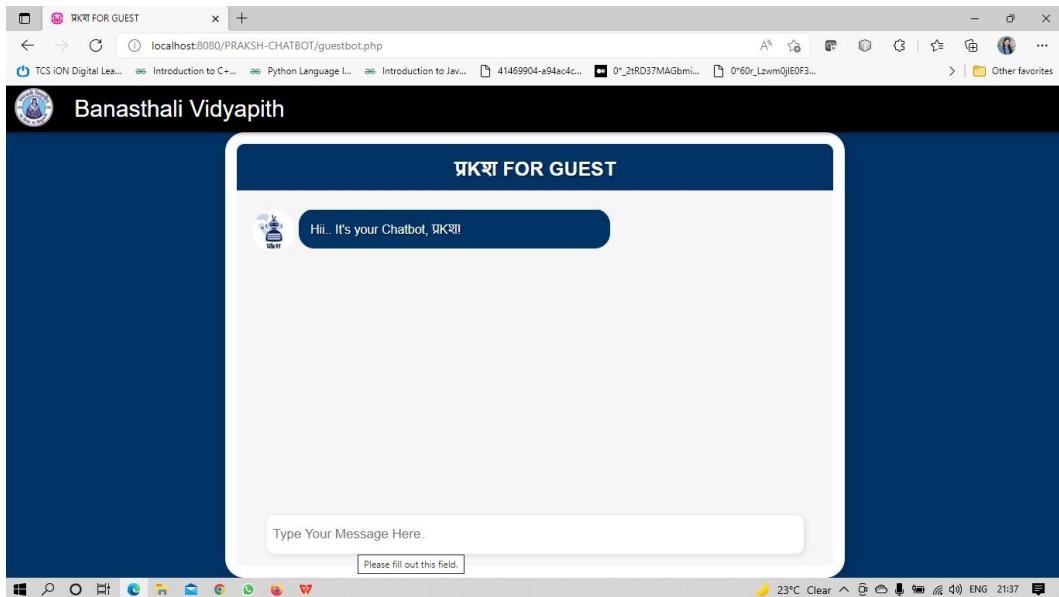
## ● STUDENT LOGIN/REGISTRATION PAGE:

A screenshot of a web browser showing the 'Student Log in & Register Form'. The page has a blue header with the Banasthali Vidyapith logo and the text 'Banasthali Vidyapith'. Below the header, there is a logo of a robot with the text 'प्रक्ष' (Praksh) underneath it. The main section is titled 'Register'. It contains three input fields: a user ID ('btbtii9153'), an email address ('btbtii9135\_khushi@banasthali.in'), and a password ('\*\*\*\*\*'). Below these fields is a 'REGISTER' button. To the right, there is a sidebar with the heading 'Already Registered with BV प्रक्ष?' and a 'LOG IN' button. The status bar at the bottom shows system information like '23°C Clear' and the time '21:31'.

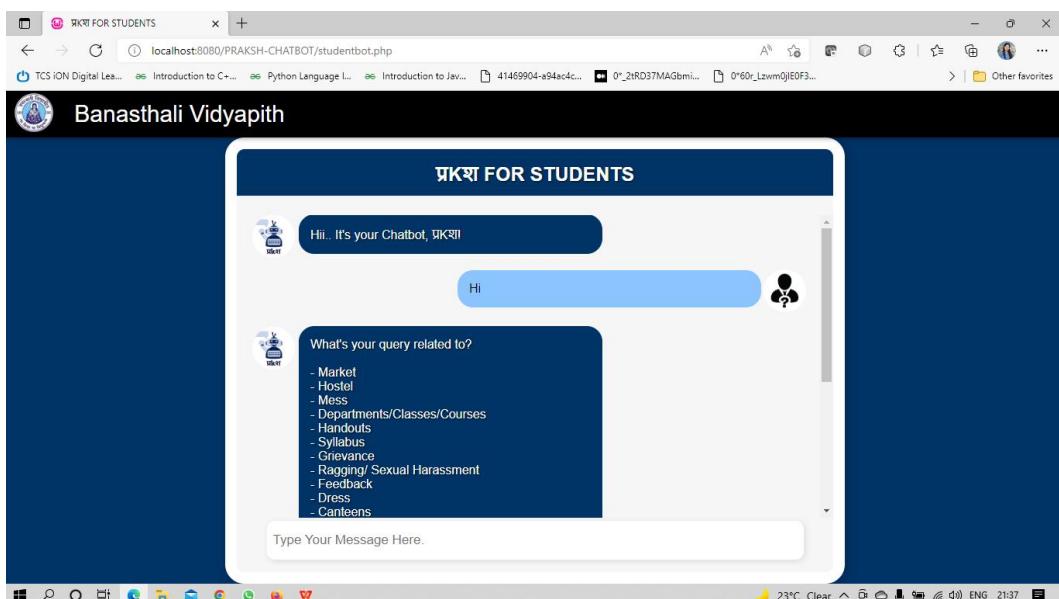
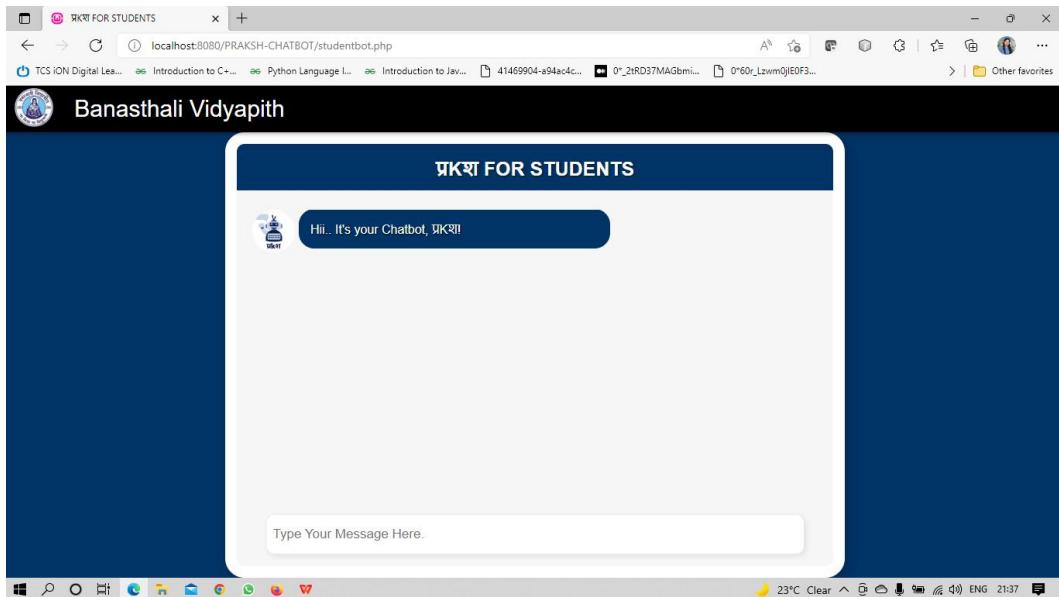
## ● E-MAIL VERIFICATION PAGE:

A screenshot of a web browser showing the 'Email - OTP Verification' page. The page has a blue header with the Banasthali Vidyapith logo and the text 'Banasthali Vidyapith'. The main content area is titled 'Student Email Account Verification' and contains the message 'We have sent you an OTP verification code. Please check your mail!'. Below this, it says 'Enter the confirmation code below' and shows a text input field containing '7251511'. A 'Submit' button is located next to the input field. The status bar at the bottom shows '23°C Clear' and the time '21:31'.

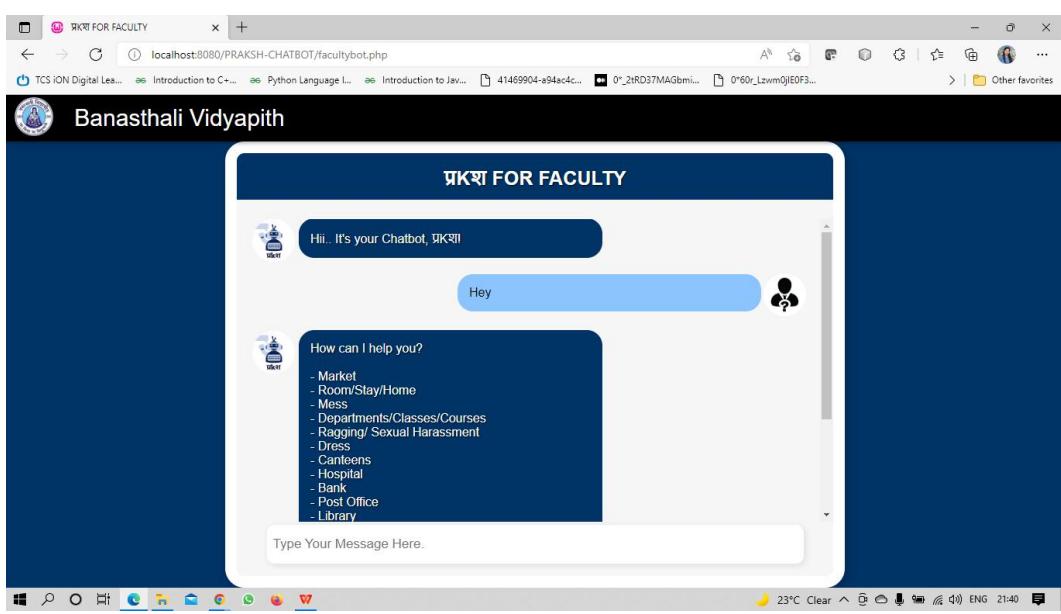
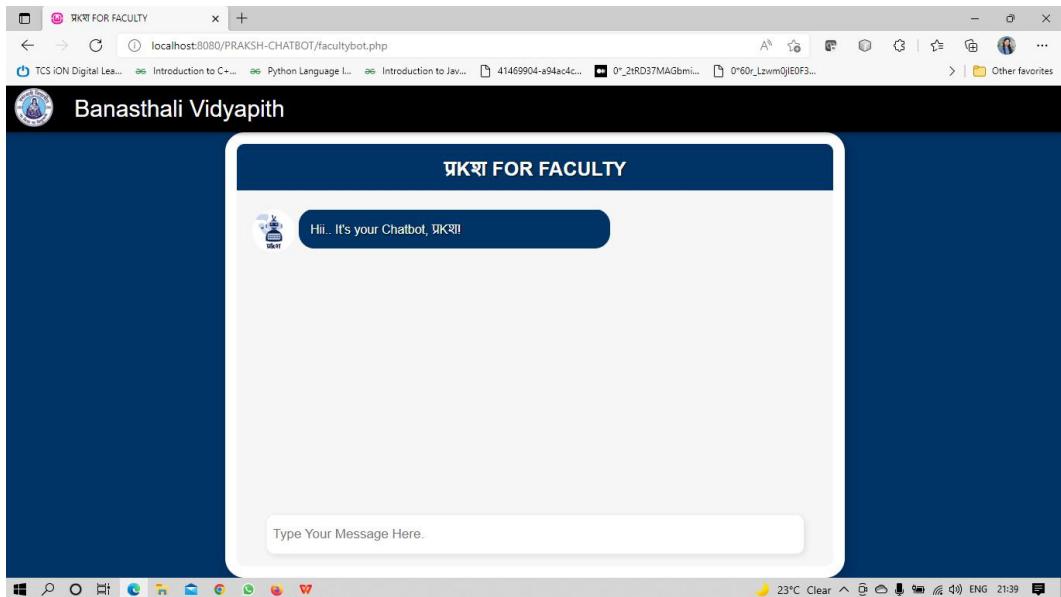
## ● GUEST CHATBOT:

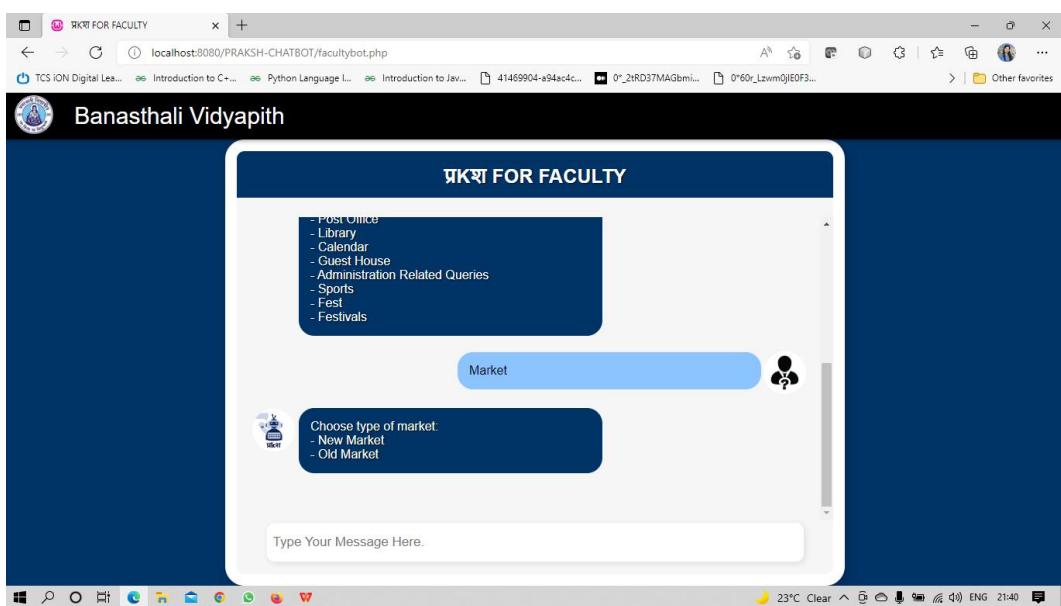
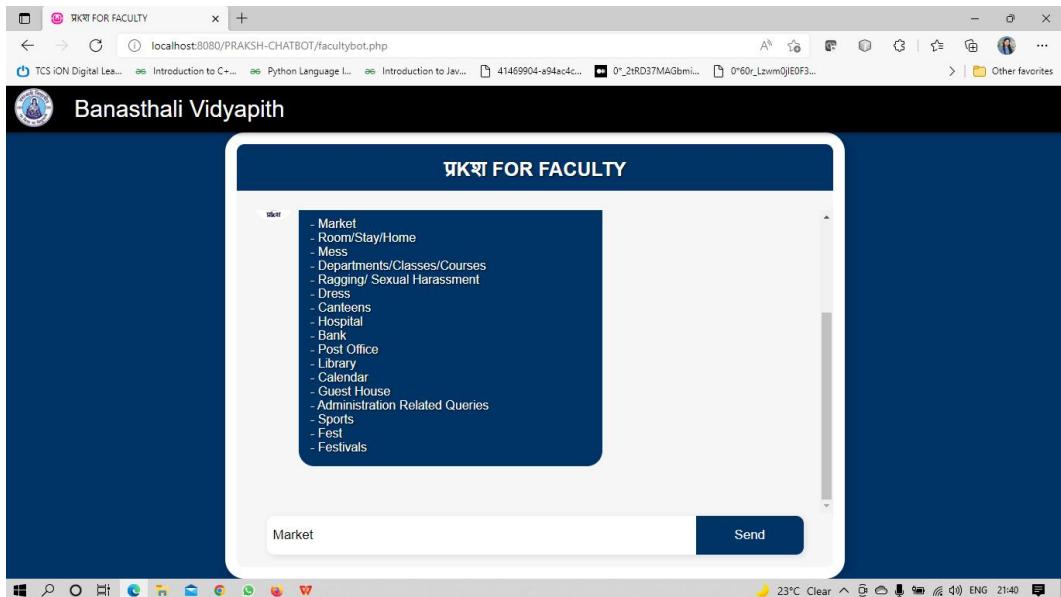


- STUDENT CHATBOT:



- **FACULTY CHATBOT:**





## 7. Appendices: Glossary

- **Definitions, Acronyms and Abbreviations:**

**Title:** Praksh-(meaning) A page to ask something (like query).

- **FAQ's:** Frequently Asked Questions
- **HTML:** Hypertext Markup Language is a markup language used to design static web pages.
- **HTTP:** Hypertext Transfer Protocol is a transaction-oriented client/server protocol between a web browser & a Web Server.
- **HTTPS:** Secure Hypertext Transfer Protocol is a HTTP over SSL (secure socket layer).
- **www:** World Wide Web
- **TCP/IP:** Transmission Control Protocol/Internet Protocol, the suite of communication protocols used to connect hosts on the Internet. TCP/IP uses several protocols, the two main ones being TCP and IP.
- **DB:** Database
- **RAM:** Random Access Memory
- **HDD:** Hard Disk Drive
- **IIS:** International Information Server
- **IE:** Internet Explorer
- **IEEE:** Institute of Electrical and Electronics Engineers.
- **OS:** Operating System

## 8. References

- Pressman, R. S. (2005). Software engineering: a practitioner's approach. Palgrave Macmillan.
- Fairley, R. (1985). Software engineering concepts. McGraw-Hill, Inc.
- Deitel, P., & Deitel, H. (2007). Internet &world wide web: how to program. Prentice Hall Press.