

Validation:

Login.Html (Student Login and Staff Login) :

```
<!DOCTYPE html>

<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<title>Blue Haven University Login</title>

<!-- Bootstrap CSS -->
<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css" rel="stylesheet" />
<script type="text/javascript" src="login.js"></script>

<style>  body, html {
    height: 100%;    font-family: 'Segoe UI', sans-serif;
}
.login-container {    min-height: auto;    display: flex;
```

justify-content: center;

align-items: flex-start;

padding: 40px 0;

}

.form-control:focus { box-

shadow: none; border-color:

#007bff;

}

.university-logo {

width: 250px; height:

auto; margin-bottom:

15px; padding: 0;

}

.logo-wrapper {

margin: 0;

}

```
.login-form {    padding: 20px;
background-color: #fff;    box-shadow:
0 0 10px rgba(0,0,0,0.1);    max-width:
400px;    height: auto;
}

</style>
</head>

<body>

<div class="container-fluid">
<div class="row login-container">
<div class="row login-container d-flex justify-content-center align-items-center">
<div class="login-form w-100">

<div class="text-center logo-wrapper">

</div>

<!-- SINGLE FORM -->
<form id="loginForm" action="Home.html" onsubmit="return validateForm()">
```

<!-- Role Selection -->

```
<div class="mb-3">
```

```
    <label class="form-label">Role</label><br>
```

```
    <div class="form-check form-check-inline">
```

```
        <input class="form-check-input" type="radio" name="role" id="staff" value="staff">
```

```
        <label class="form-check-label" for="staff">Staff</label>
```

```
    </div>
```

```
    <div class="form-check form-check-inline">
```

```
        <input class="form-check-input" type="radio" name="role" id="student" value="student" checked>
```

```
        <label class="form-check-label" for="student">Student</label>
```

```
    </div>
```

```
</div>
```

<!-- Student Fields -->

```
<div id="studentFields">
```

```
    <div class="mb-3">
```

```
        <label for="username" class="form-label">Username</label>
```

```
        <input type="text" class="form-control" id="username" placeholder="Mobile No. / Email / Enrollment No">
```

```
    </div>
```

```
<div class="mb-3">  
    <label for="studentPassword" class="form-label">Password</label>  
    <input type="password" class="form-control" id="studentPassword" placeholder="Password">  
</div>  
  
<div class="mb-3 form-check">  
    <input type="checkbox" class="form-check-input" id="showStudentPassword">  
    <label class="form-check-label" for="showStudentPassword">Show  
    Password</label>  
</div>  
</div>  
  
<!-- Staff Fields -->  
<div id="staffFields" style="display: none;">  
    <div class="mb-3">  
        <label for="staffCode" class="form-label">Staff Code</label>  
        <input type="text" class="form-control" id="staffCode" placeholder="Staff Code">  
    </div>  
  
<div class="mb-3">  
    <label for="staffPassword" class="form-label">Password</label>
```

```
<input type="password" class="form-control" id="staffPassword"
placeholder="Password">
```

```
</div>
```

```
<div class="mb-3 form-check">
<input type="checkbox" class="form-check-input" id="showStaffPassword">
<label class="form-check-label" for="showStaffPassword">Show Password</label>
</div>
</div>
```

```
<!-- Buttons (Shared) -->
```

```
<div class="row mb-3">
<div class="col-6">
<button type="submit" class="btn btn-success w-100">Login</button>
</div>
<div class="col-6">
<button type="button" class="btn btn-danger w-100">Forgot Password</button>
</div>
</div>
```

```
<!-- Google Sign-In & Register (Hide for staff) -->
```

```
<div id="studentExtras">
```

```

<div class="text-center mb-2">

    <button type="button" class="btn btn-outline-secondary w-100" id="btn_login">
        
        Sign in with Google
    </button><br>

    <p class="text-muted text-center small">Please use Google Chrome for better
experience</p>

</div>

<div class="text-center mb-3" id="registerButton">

    <p class="large mb-1" style="font-style: italic; font-family: sans-serif;">Not
Registered Yet?</p>

    <a href="Registration.html" class="btn btn-primary btn-large">Register</a>
</div>

</div>

</form>
</div>
</div>
</div>
</div>

```

```
<!-- Bootstrap JS -->
```

```
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>
```

```
<script>
// Element references const studentRadio =
document.getElementById('student'); const staffRadio =
document.getElementById('staff'); const studentFields =
document.getElementById('studentFields'); const staffFields =
document.getElementById('staffFields');
```

```
const studentExtras = document.getElementById('studentExtras'); // Google + Register
section
```

```
// Toggle fields and extras based on role
```

```
studentRadio.addEventListener('change', toggleFields);
staffRadio.addEventListener('change', toggleFields); function toggleFields() {
  if (studentRadio.checked) {
    studentFields.style.display = 'block';
    staffFields.style.display = 'none';
    studentExtras.style.display = 'block'; // show
    Google + register
  } else {
    studentFields.style.display = 'none';
    staffFields.style.display = 'block';
    studentExtras.style.display = 'none'; // hide for staff
  }
}
```

}

```
// Show password toggles

document.getElementById('showStudentPassword').addEventListener('change',
function() {  document.getElementById('studentPassword').type = this.checked ? 'text' :
'password';

});

document.getElementById('showStaffPassword').addEventListener('change', function() {

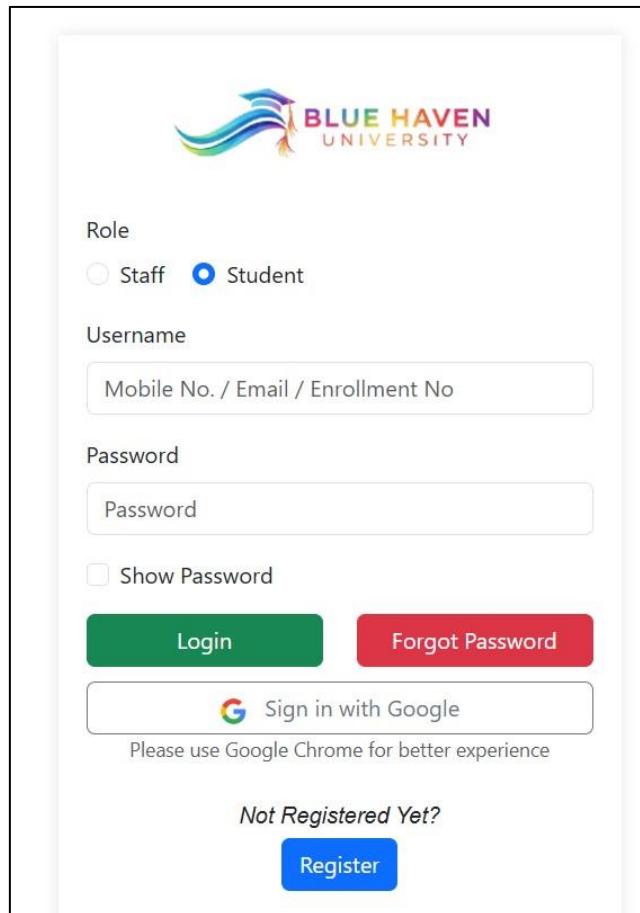
document.getElementById('staffPassword').type = this.checked ? 'text' : 'password';

});

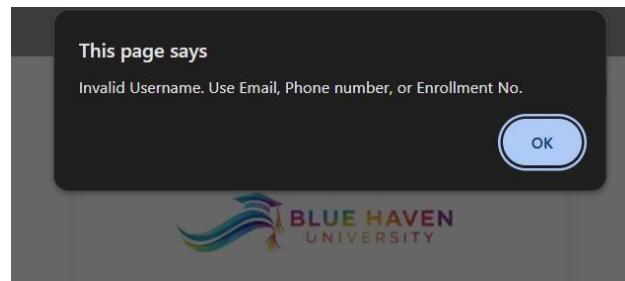
// Example validation

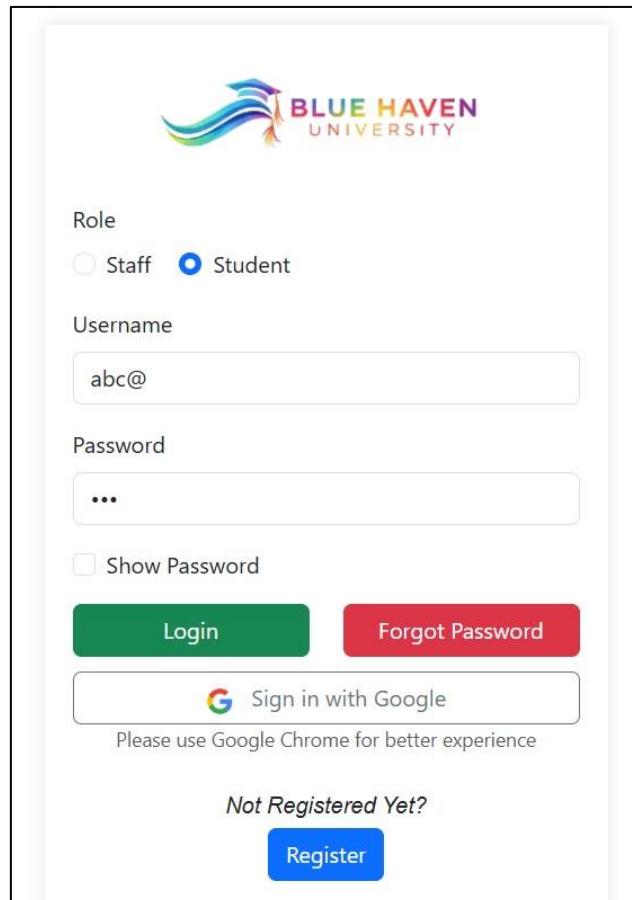
function validateForm() {  const role =
document.querySelector('input[name="role"]:checked').value;  if (role ===
'student') {    const username =
document.getElementById('username').value.trim();    const password =
document.getElementById('studentPassword').value.trim();    if (!username ||
!password) {      alert('Please enter both username and password for student
login.');
      return false;
    }
  } else {
}
```

```
const staffCode = document.getElementById('staffCode').value.trim();  
  
const password = document.getElementById('staffPassword').value.trim();  
  
if (!staffCode || !password) {    alert('Please enter both staff code and  
password for staff login.);    return false;  
}  
  
}  
  
return true;  
}  
  
</script>  
  
</body>  
  
</html>  
  
<script type="text/javascript" src="login.js"></script>
```

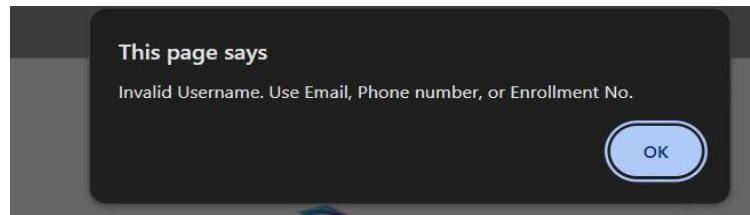


The image shows a login form for Blue Haven University. At the top is the university's logo, "BLUE HAVEN UNIVERSITY". Below it is a "Role" section with two radio button options: "Staff" (unchecked) and "Student" (checked). The next section is "Username" with a text input field placeholder "Mobile No. / Email / Enrollment No.". Below that is "Password" with a text input field placeholder "Password" and a "Show Password" checkbox. There are two buttons at the bottom left: a green "Login" button and a red "Forgot Password" button. To the right of the "Forgot Password" button is a "Sign in with Google" button featuring the Google logo. Below these buttons is a note: "Please use Google Chrome for better experience". At the bottom left is a link "Not Registered Yet?" and a blue "Register" button.





The form is titled "BLUE HAVEN UNIVERSITY". It includes fields for "Role" (radio buttons for "Staff" and "Student", with "Student" selected), "Username" (text input containing "abc@"), "Password" (text input containing "•••"), a "Show Password" checkbox (unchecked), and "Login" (green button) and "Forgot Password" (red button) buttons. Below the form is a "Sign in with Google" button featuring the Google logo. A note says "Please use Google Chrome for better experience". At the bottom, there is a link "Not Registered Yet?" and a "Register" button.





BLUE HAVEN
UNIVERSITY

Role

Staff Student

Username

abc@gmail.com

Password

351259

Show Password

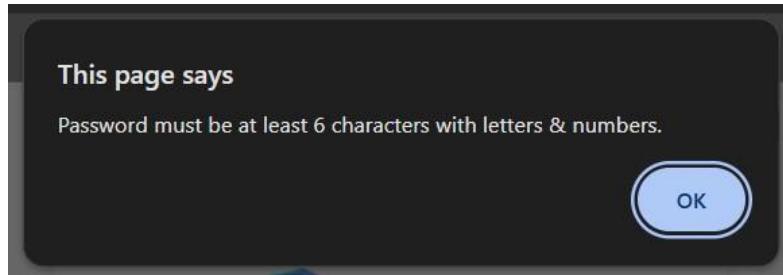
Login **Forgot Password**

 Sign in with Google

Please use Google Chrome for better experience

Not Registered Yet?

Register





Role
 Staff Student

Username
abc@gmail.com

Password
abc123

Show Password

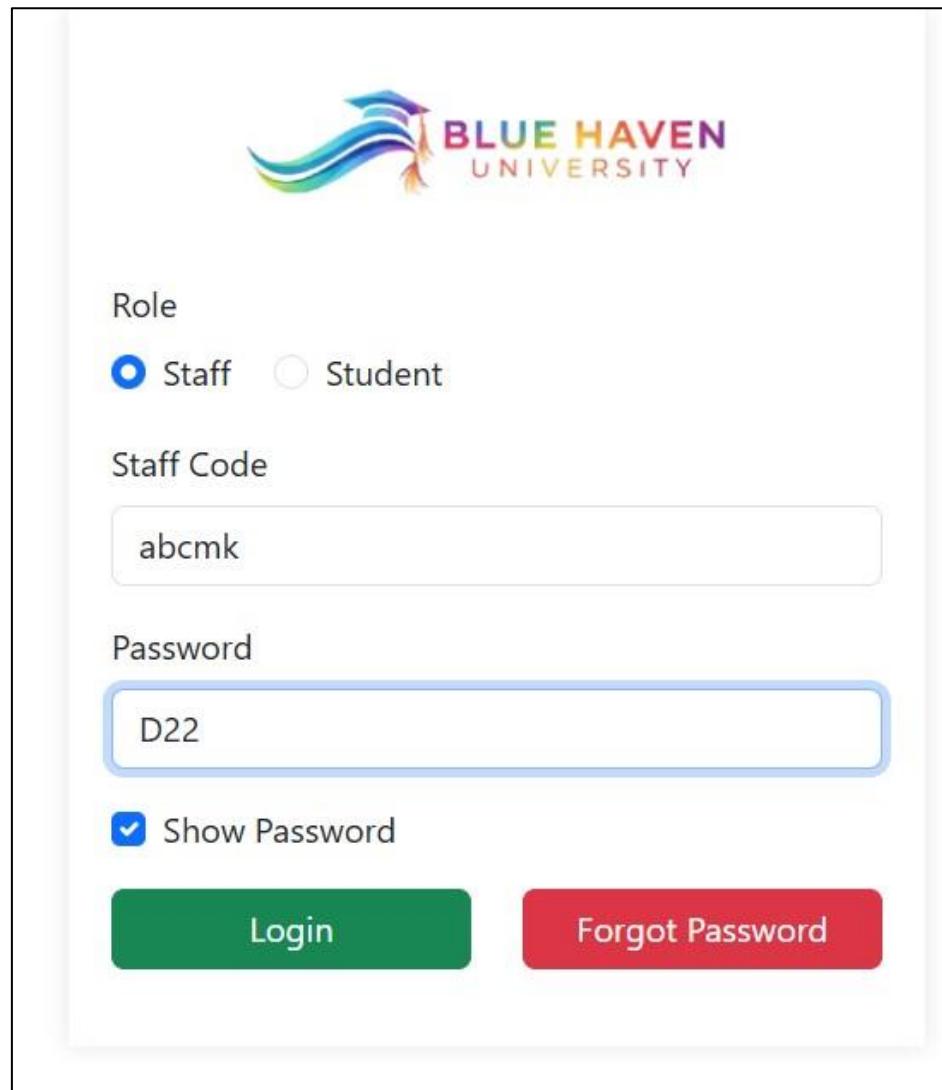
Login **Forgot Password**

 Sign in with Google

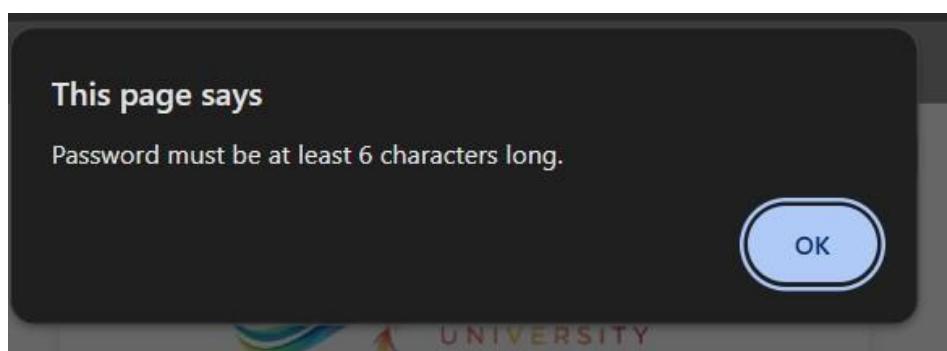
Please use Google Chrome for better experience

Not Registered Yet?

Register



The image shows a login form for Blue Haven University. At the top is the university's logo, which consists of stylized blue and green waves above the text "BLUE HAVEN UNIVERSITY". Below the logo is a "Role" section with two radio buttons: "Staff" (selected) and "Student". The next section is "Staff Code" with an input field containing "abcmk". Below that is a "Password" section with an input field containing "D22", which is highlighted with a light blue border. There is also a checked checkbox labeled "Show Password". At the bottom are two buttons: a green "Login" button and a red "Forgot Password" button.



Registration.html (For Student)

```
<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8" />

<meta name="viewport" content="width=device-width, initial-scale=1" />

<title>Cambridge University - Student Registration</title>




<!-- Bootstrap CSS -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/css/bootstrap.min.css"
rel="stylesheet" />




<!-- Google Font -->

<link
href="https://fonts.googleapis.com/css2?family=Poppins:wght@500;700&display=swap"
rel="stylesheet">




<style>  body,
html {  height:
100%;  font-
family: 'Poppins',
sans-serif;
```

background-

color: #f8f9fa;

}

.register-image {

width: 100%; height:

100vh; object-fit:

cover; opacity: 0.6;

}

.image-overlay { position:

absolute; width: 100%; height:

100%; background-color: rgba(0, 0,

0, 0.4); z-index: 1;

}

.centered {

position: absolute;

top: 50%;

left: 50%; transform: translate(-50%, -

50%); font-size: 70px; color: #fff;

```
font-weight: 800;    text-shadow: 2px 2px
10px rgba(0,0,0,0.6);    letter-spacing: 2px;
z-index: 2;    font-family: 'Poppins', sans-
serif;    animation: fadeInScale 1.5s ease
forwards;
}
```

```
.centered::after {    content: "";    display:
block;    width: 100%;    height: 4px;
background-color: #ffffff;    margin-top: 10px;
animation: underlineFade 1.5s ease forwards;
opacity: 1;
}
@keyframes fadeInScale {
0% {opacity: 0; transform: translate(-50%, -50%) scale(0.70);}
100% {opacity: 1; transform: translate(-50%, -50%) scale(1.5);}
}

```

```
@keyframes underlineFade {
0% {opacity: 1; transform: scaleX(0);}
50% {opacity: 1; transform: scaleX(1);}
}
```

100% {opacity: 0; transform: scaleX(1);}

}

```
.register-form {    background-color:  
#fff;    padding: 30px;    border-radius:  
10px;    box-shadow: 0 0 15px rgba(0, 0,  
0, 0.1);    width: 100%;    max-width:  
450px;  
}
```

```
.university-logo {  
width: 400px;  
margin: 0 auto 20px;  
display: block;  
}
```

```
.error-message {  
color: red;    font-size:  
0.85em;    margin-  
top: 4px;  
}
```

```
@media (max-width: 768px) {  
    .register-image { height: 300px; }  
    .university-logo { width: 200px; }  
    .centered { font-size: 36px; }  
}  
</style>  
</head>  
<body>  
  
<div class="container-fluid">  
    <div class="row min-vh-100">  
        <!-- Left Image -->  
        <div class="col-md-8 p-0 position-relative">  
            <div class="image-overlay"></div>  
              
            <div class="centered">REGISTER NOW</div>  
        </div>  
  
        <!-- Registration Form -->  
        <div class="col-md-4 d-flex align-items-center justify-content-center">
```

```

<div class="register-form">

    <div class="text-center logo-wrapper">
        
    </div>

    <center><h5 class="mt-2 mb-4">Student Registration</h5></center>

    <form id="registrationForm" action="login.html" novalidate>

        <div class="mb-3">
            <label for="name" class="form-label">Full Name</label>
            <input type="text" class="form-control" id="name" placeholder="Enter your full name">
            <div class="error-message" id="error-name"></div>
        </div>

        <div class="mb-3">
            <label for="enrollment" class="form-label">Enrollment No</label>
            <input type="text" class="form-control" id="enrollment" placeholder="Enter your Enrollment number">
            <div class="error-message" id="error-enrollment"></div>
        </div>
    </form>

```

```

<div class="mb-3">
    <label for="email" class="form-label">Email address</label>
    <input type="email" class="form-control" id="email" placeholder="Enter your Email">
    <div class="error-message" id="error-email"></div>
</div>

<div class="mb-3">
    <label for="contact" class="form-label">Contact No</label>
    <input type="tel" class="form-control" id="contact" placeholder="Enter your contact number">
    <div class="error-message" id="error-contact"></div>
</div>

<div class="mb-3">
    <label for="password" class="form-label">Password</label>
    <input type="password" class="form-control" id="password" placeholder="Create a password">
    <div class="error-message" id="error-password"></div>
</div>

<div class="mb-3">
    <label for="confirmPassword" class="form-label">Confirm Password</label>

```

```
<input type="password" class="form-control" id="confirmPassword"
placeholder="Confirm your password">

<div class="error-message" id="error-confirmPassword"></div>

</div>

<div class="d-grid mb-3">
    <button type="submit" class="btn btn-primary">Register</button>
</div>
</form>

</div>
</div>
</div>
</div>

<!-- Bootstrap JS -->
<script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.2/dist/js/bootstrap.bundle.min.js"></script>

<!-- Custom JS -->
<script src="registration.js"></script>

</body>
```

</html>

Register.js

```
// register.js

<script type="text/javascript">

document.getElementById('registrationForm').addEventListener('submit', function (event)
{
    event.preventDefault(); // Prevent form submission for validation

    // Clear previous errors  const errorFields =
    document.querySelectorAll('.error-message');
    errorFields.forEach(field => field.textContent = '');

    let valid = true;

    // Field values  const name = document.getElementById('name').value.trim();  const
    enrollment = document.getElementById('enrollment').value.trim();  const email =
    document.getElementById('email').value.trim();  const contact =
    document.getElementById('contact').value.trim();  const password =
    document.getElementById('password').value.trim();  const confirmPassword =
    document.getElementById('confirmPassword').value.trim();
```

```
// Regular expressions  const emailPattern =  
/^[\^s@]+@[^\^s@]+\.[^\^s@]+$/;  const contactPattern  
= /^[0-9]{10}$/;  
  
// Validation rules  if (name === '') {  
    showError('name', 'Full Name is required.');//  
    valid = false;  
}  
  
if (enrollment === '') {  
    showError('enrollment', 'Enrollment number is required.');//  
    valid = false;  
}  
  
if (email === '') {    showError('email',  
'Email is required.');//    valid = false;  
} else if (!emailPattern.test(email)) {  
    showError('email', 'Please enter a valid email address.');//  
    valid = false;  
}
```

```
if (contact === '') { showError('contact', 'Contact  
number is required.); valid = false;  
} else if (!contactPattern.test(contact)) {  
showError('contact', 'Contact number must be 10 digits.);  
valid = false;  
}  
  
if (password === '') { showError('password',  
'Password is required.); valid = false;  
} else if (password.length < 6) { showError('password',  
'Password must be at least 6 characters.);  
valid = false;  
}  
  
if (confirmPassword === '') { showError('confirmPassword',  
'Please confirm your password.);  
valid = false;  
} else if (confirmPassword !== password) {  
showError('confirmPassword', 'Passwords do not match.);  
valid = false;
```

}

```
// If all validations pass, allow form submission
```

```
if (valid) {
```

```
this.submit();
```

```
}
```

```
});
```

```
// Function to display error message below input function
```

```
showError(fieldId, message) {
```

```
document.getElementById(`error-${fieldId}`).textContent
```

```
= message;
```

```
}
```

```
</script>
```



REGISTER NOW



BLUE HAVEN
UNIVERSITY

Student Registration

Full Name

Enter your full name

Full Name is required.

Enrollment No

Enter your Enrollment number

Enrollment number is required.

Email address

Enter your Email

Email is required.

Contact No

Enter your contact number

Contact number is required.

Password

Create a password

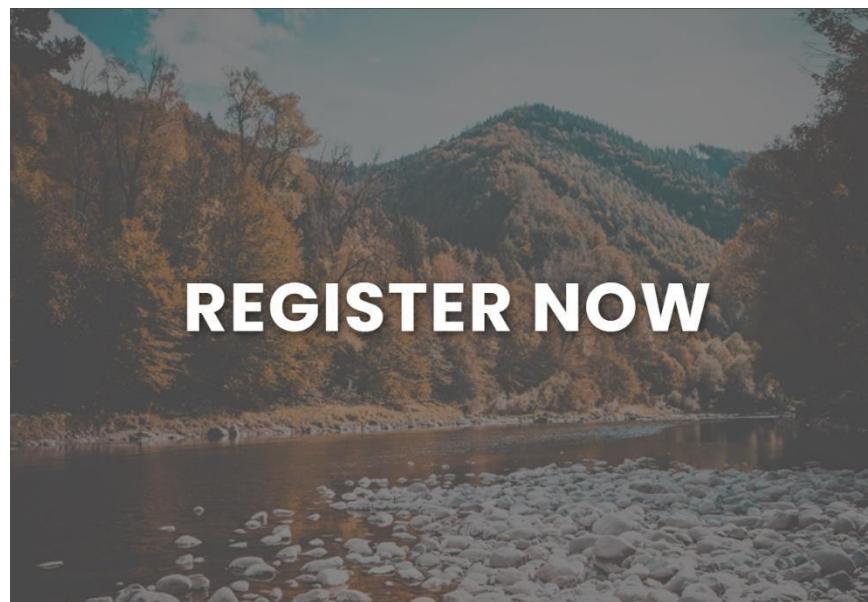
Password is required.

Confirm Password

Confirm your password

Please confirm your password.

Register



REGISTER NOW



BLUE HAVEN
UNIVERSITY

Student Registration

Full Name

Raj

Enrollment No

351

Email address

abc@gmail.

Please enter a valid email address.

Contact No

654

Contact number must be 10 digits.

Password

**

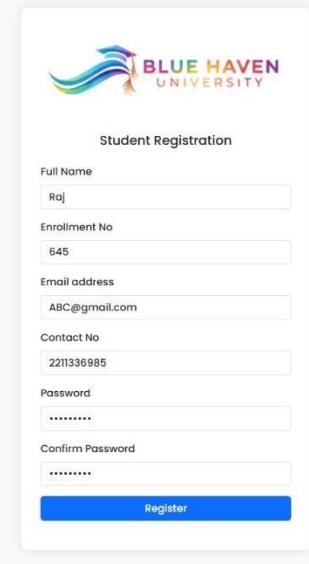
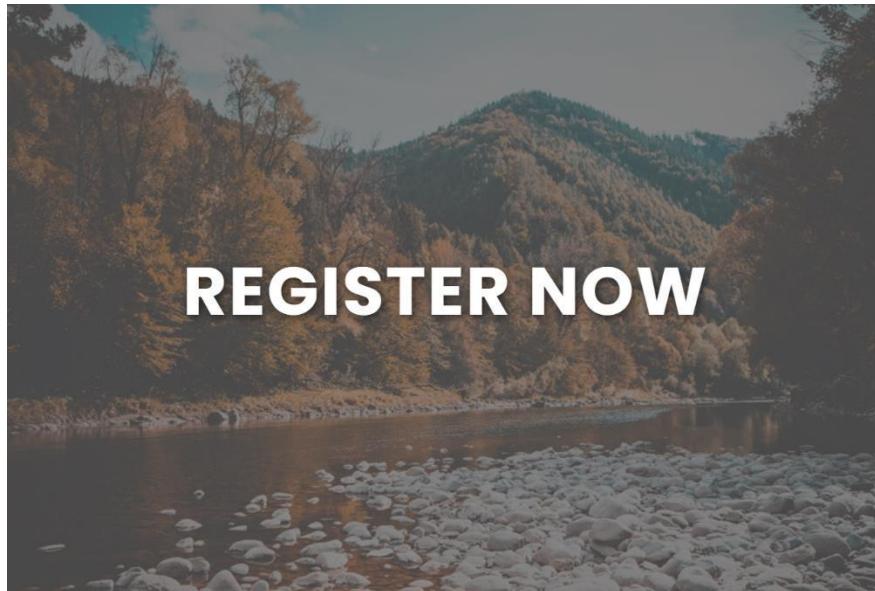
Password must be at least 6 characters.

Confirm Password

**

Passwords do not match.

Register



BLUE HAVEN UNIVERSITY

Student Registration

Full Name: Raj

Enrollment No: 645

Email address: ABC@gmail.com

Contact No: 2211336985

Password: *****

Confirm Password: *****

Register