

## 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"></s  
cript>
```

```
<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';

});

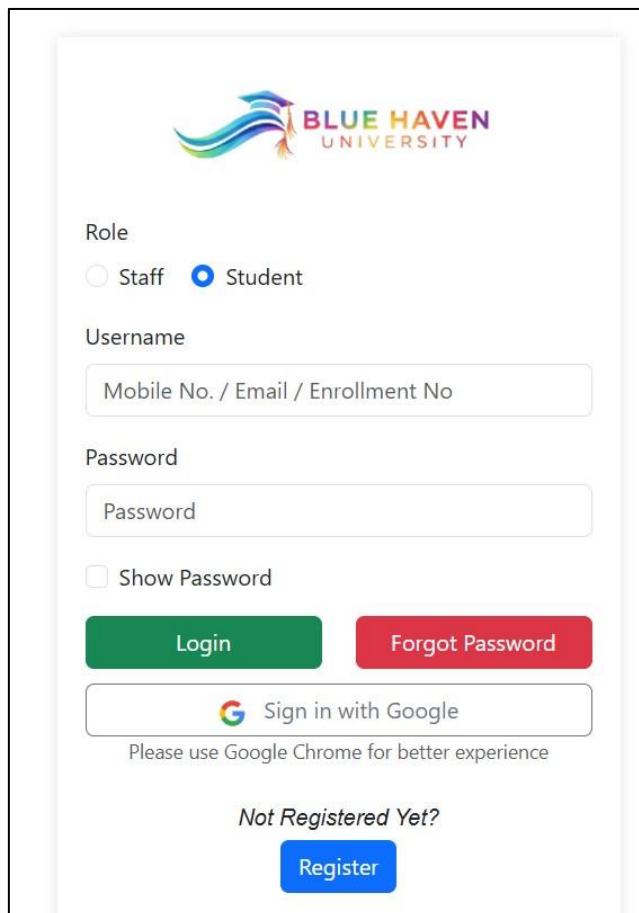
// Example validation

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.');
```

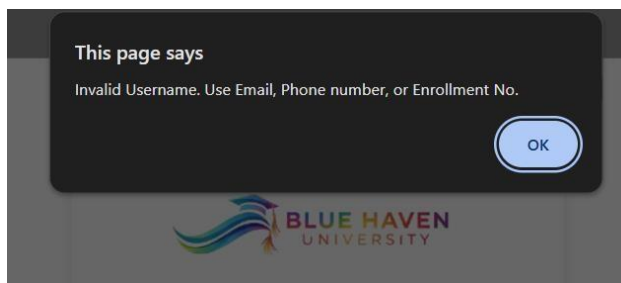
```
        return false;
    }
} else {
```


```
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 and registration form for Blue Haven University. At the top is the university's logo. Below it, there's a 'Role' section with radio buttons for 'Staff' and 'Student', where 'Student' is selected. The 'Username' field is a text input with a placeholder 'Mobile No. / Email / Enrollment No'. The 'Password' field is another text input with a placeholder 'Password'. Below the password field is a checkbox labeled 'Show Password'. There are two buttons: a green 'Login' button and a red 'Forgot Password' button. Below these is a 'Sign in with Google' button with the Google logo. A note below that says 'Please use Google Chrome for better experience'. At the bottom, there's a link 'Not Registered Yet?' and a blue 'Register' button.






Role  
☐ Staff ☒ Student

Username

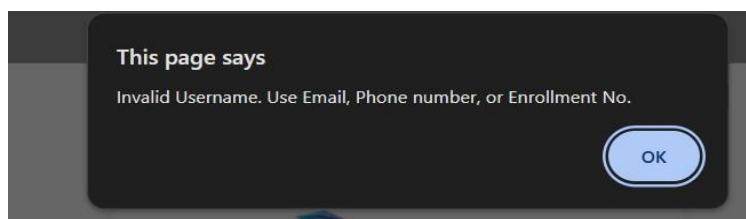
Password


☐ Show Password

 Sign in with Google

Please use Google Chrome for better experience

*Not Registered Yet?*





Role

☐ Staff ☒ Student

Username


abc@gmail.com

Password

351259

☒ Show Password

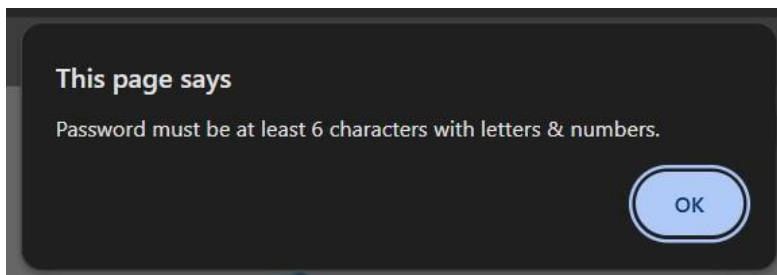
[Login](#) [Forgot Password](#)


 [Sign in with Google](#)

Please use Google Chrome for better experience

*Not Registered Yet?*

[Register](#)






Role  
☐ Staff ☒ Student

Username


Password

☒ Show Password



Please use Google Chrome for better experience

*Not Registered Yet?*



Role

☒ Staff ☐ Student

Staff Code

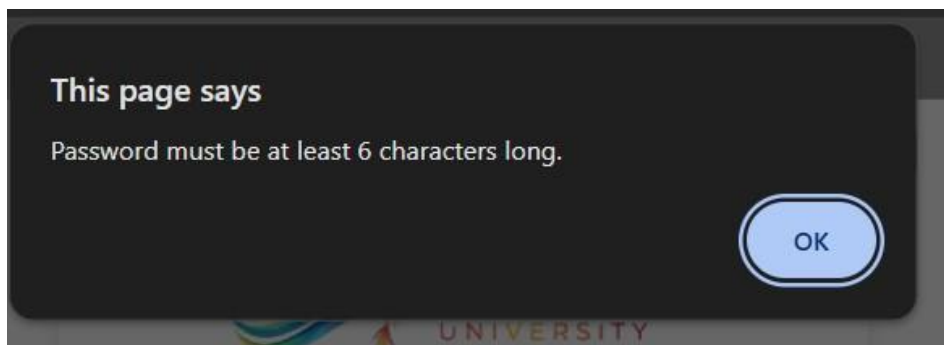
abcmk

Password

D22

☒ Show Password

Login Forgot Password





## 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>
```

```
<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"></s
cript>

<!-- 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
```

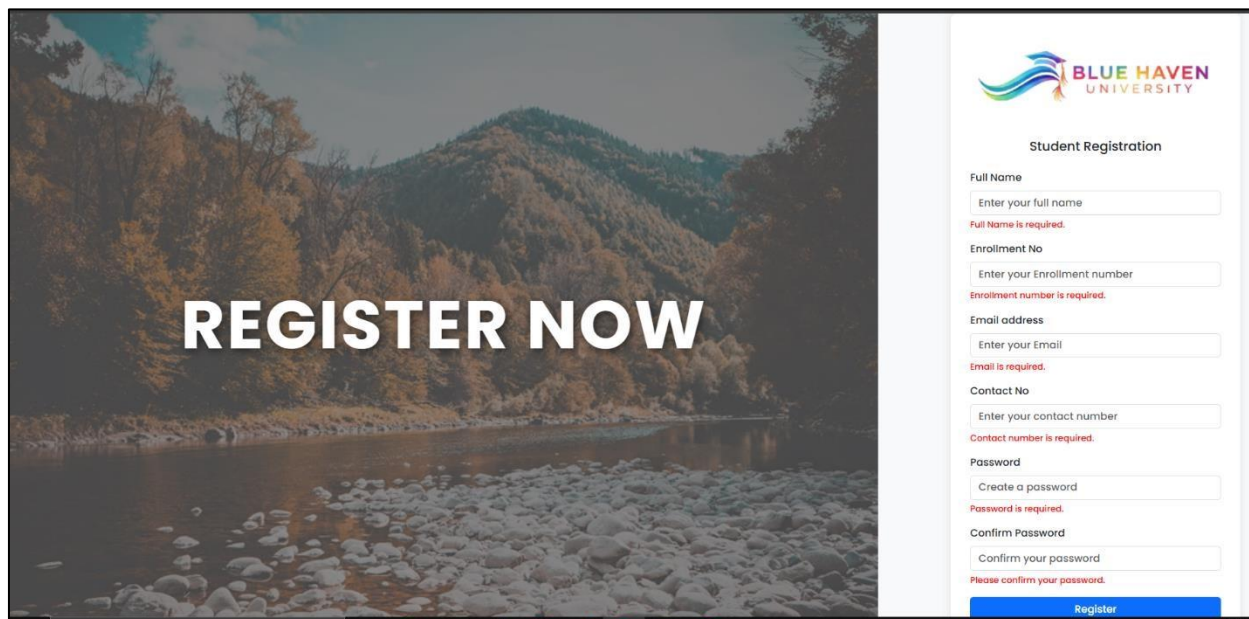
```
showError(fieldId, message) {
```

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

```
= message;
```

```
}
```

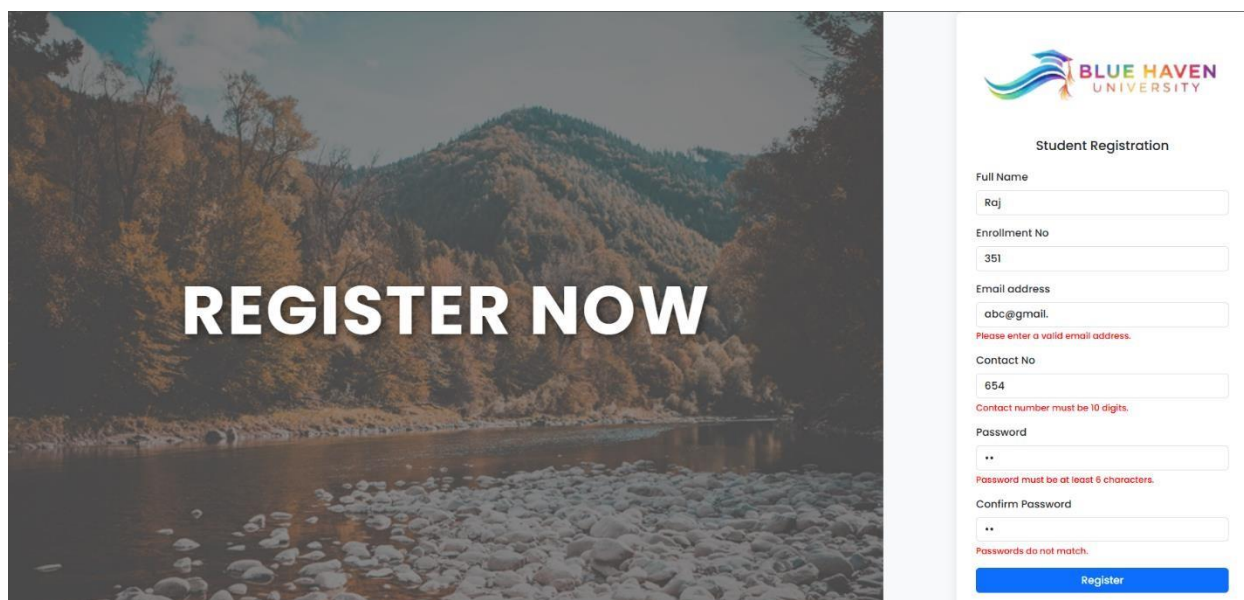
```
</script>
```



The image shows a web registration form for Blue Haven University. The background is a scenic landscape with a river and mountains. The text "REGISTER NOW" is prominently displayed in the center. The form is titled "Student Registration" and includes the following fields:

- Full Name: Enter your full name. (Error: Full Name is required.)
- Enrollment No: Enter your Enrollment number. (Error: Enrollment number is required.)
- Email address: Enter your Email. (Error: Email is required.)
- Contact No: Enter your contact number. (Error: Contact number is required.)
- Password: Create a password. (Error: Password is required.)
- Confirm Password: Confirm your password. (Error: Please confirm your password.)

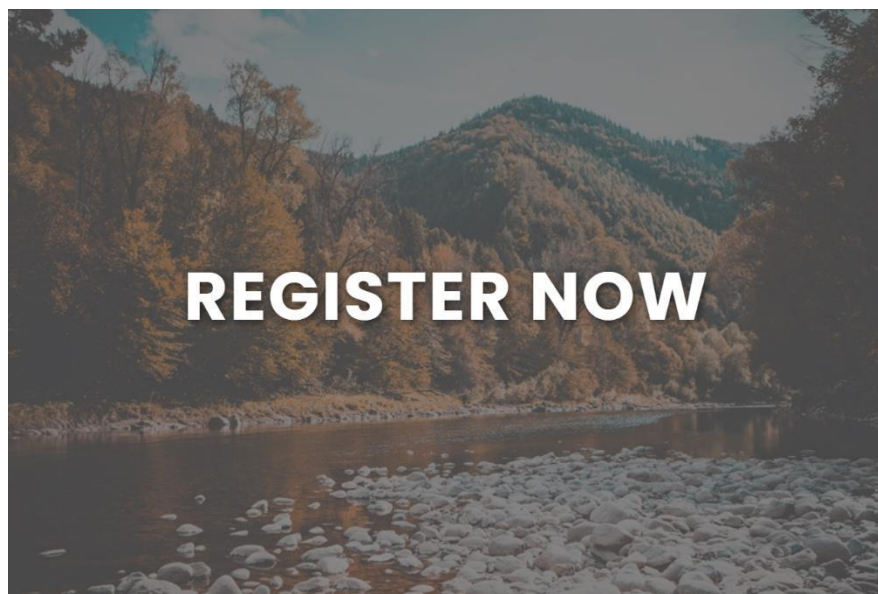
A blue "Register" button is located at the bottom right of the form.




This image shows the same registration form as above, but with some fields filled out and error messages displayed:

- Full Name: Raj
- Enrollment No: 351
- Email address: abc@gmail. (Error: Please enter a valid email address.)
- Contact No: 654 (Error: Contact number must be 10 digits.)
- Password: \*\* (Error: Password must be at least 6 characters.)
- Confirm Password: \*\* (Error: Passwords do not match.)

The "Register" button is still present at the bottom right.



 **BLUE HAVEN**  
UNIVERSITY

Student Registration

Full Name

Enrollment No

Email address

Contact No

Password

Confirm Password