



A Project Report  
Of  
Automation testing using Selenium Webdriver  
On  
**Matoshri Polytechnic Nashik – An Educational Website**  
By  
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Batch-EON (2021-5343)  
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At  
**Edubridge India Pvt Ltd – School of coding**

## Introduction

Software Testing is a field where an application is tested with the intention of finding an errors to ensure quality of software by checking expected result with an actual result.

So this Project aims to perform Automation Testing on Educational website – Matoshri Polytechnic, Nashik in order to assure quality of web application

In this project we have performed functional and non -functional testing on various components of website using Selenium Webdriver – an Automation framework by writing scripts in order to test an application.

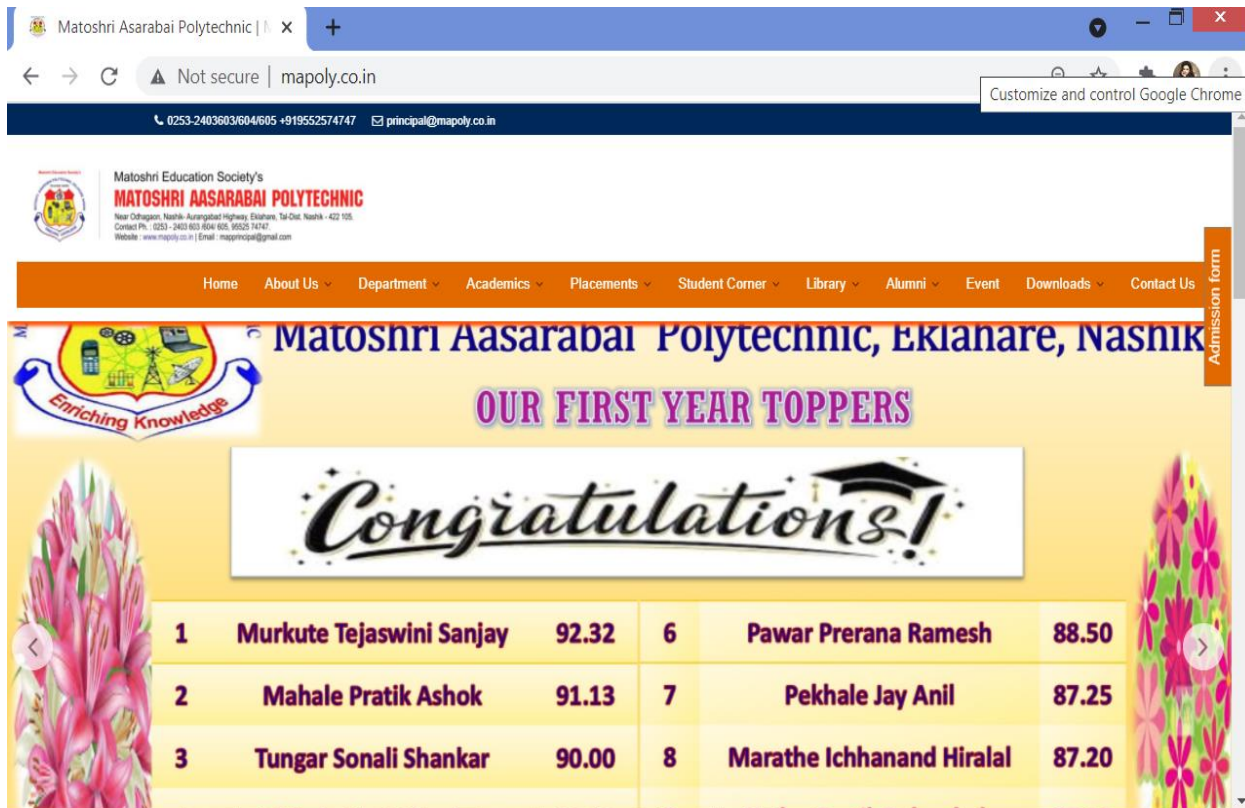
In this project we have executed scripts –

- To get current title, current url
- To maximize Window
- To perform operation on Mouse Hover
- To perform operation of mouse click
- To scroll down page
- To perform drop down operation
- To Fill and send information to web page
- To count total no. of specific components on specific web pages

### Software Configuration:

Operating system	:	Windows 8.1 Pro (64 bit)
Browser	:	Google chrome
Chrome Version	:	91.0.4472.124
IDE	:	Eclipse IDE 8.1
Automation Framework	:	Selenium Webdriver
Programming Language	:	Java

TC\_01 : Launch the browser and redirect to Matoshri Polytechnic Website



Script:

```
System.setProperty("webdriver.chrome.driver", "C:\\Users\\intel\\Desktop\\EB\\sel  
enium app\\chromedriver_win32\\chromedriver.exe");  
WebDriver w=new ChromeDriver();  
  
w.get("http://mapoly.co.in/");
```

TC\_02 : To maximize Window

Script :

```
w.manage().window().maximize();
```

TC\_03 : To Fill details in information pop up window and send the same

The screenshot shows a web browser window displaying the Matoshri Aasarabai Polytechnic website. The website has a header with the college name and contact information. A yellow pop-up window is overlaid on the right side of the page, containing a form with the following fields:

- Name \*: Disha
- Email \*: disha@gmail.com
- Number \*: 8484848484
- Select Course \*: Civil engineering
- Query: Inquiry of college
- Send button

The background of the website shows a banner for 'OUR FIRST YEAR TOP' and a table of results.

Rank	Name	Score	Rank	Name
1	Murkute Tejaswini Sanjay	92.32	6	Pawar I
2	Mahale Pratik Ashok	91.13	7	Pek
3	Tungar Sonali Shankar	90.00	8	Marathe

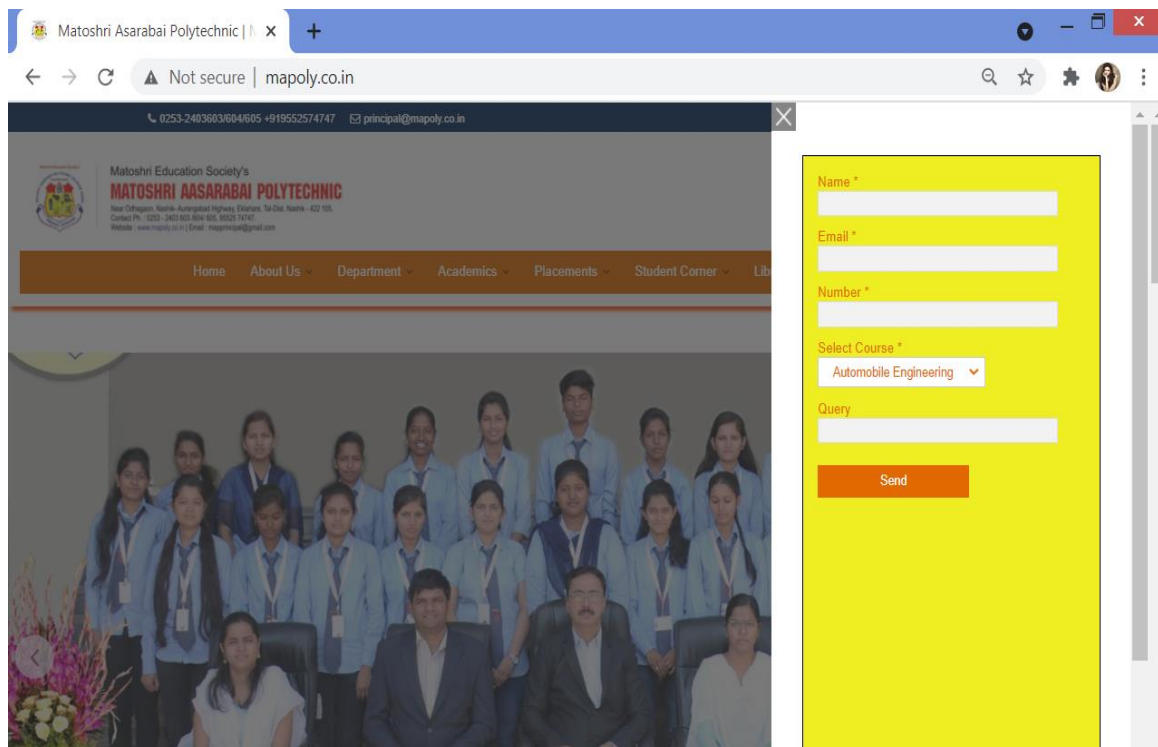
Script :

```
w.findElement(By.name("your-name")).sendKeys("Disha");
w.findElement(By.name("email")).sendKeys("disha@gmail.com");
w.findElement(By.name("phone")).sendKeys("9494949494");
Select s=new Select(w.findElement(By.name("course")));

s.selectByIndex(1);
w.findElement(By.name("query")).sendKeys("Regarding course Inquiry");

w.findElement(By.xpath("//*[@id=\"wpcf7-f2199-o1\"]/form/p[6]/input")).click();
```

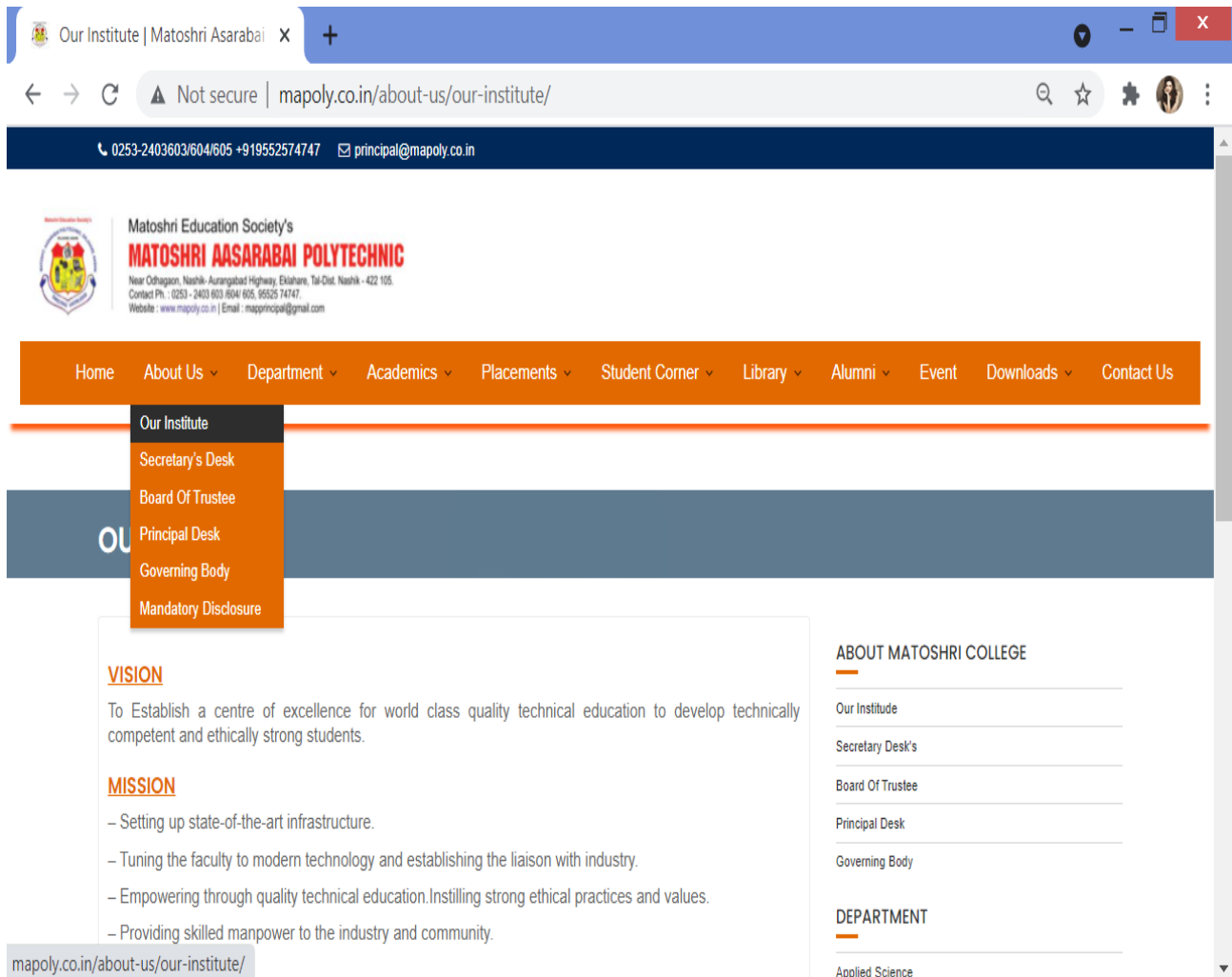
## TC\_04 : To close Information Popup on Home Page



Script :

```
w.findElement(By.xpath("//*[@id=\"wpcs_close_slider_2198\"]/img")).click();
```

TC\_05 : To test Mouse hover functionality of About Us Page for Our Institute menu



Script :

Actions a1=new Actions(w);

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).perform();
```

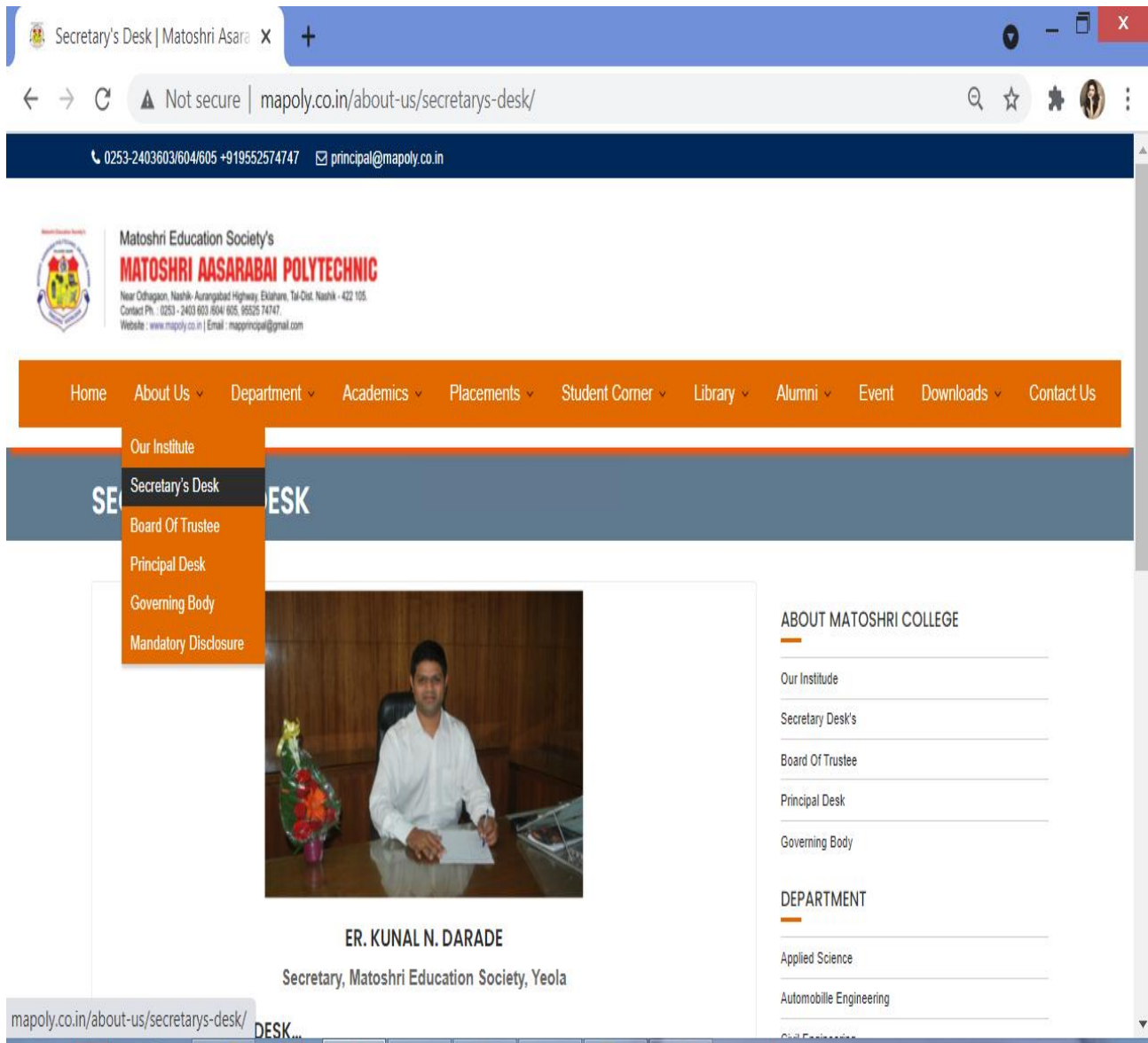
```
//Parent Button
```

```
w.findElement(By.linkText("Our Institute")).click();
```

```
Thread.sleep(2000);
```

```
w.navigate().back();
```

## TC\_06 : To test Mouse hover functionality of About Us Page for Secretary Desk



Script :

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).build().perform();
Thread.sleep(2000);
w.findElement(By.xpath("//*[@id=\"menu-item-493\"]/a")).click();
w.navigate().back();
```

## TC\_07 : To test Mouse hover functionality of About Us for Secretary Desk menu

The screenshot shows the website of Matoshri Education Society's MATOSHRI AASARABAI POLYTECHNIC. The navigation menu is open, highlighting the 'Board Of Trustee' option. Below the menu, a table lists the members of the Board of Trustee.

	BORD OF TRUSTEE	DESIGNATION
1	Mr.Kishor B.Darade	President
2	Mr.Kunal N. Darade	Secretary
3	Mr.Laxman B.Darade	Member
4	Mrs. Meena K. Darade	Member
5	Mr.Devidas R. Darade	Member
6	Mr.Prashant S.Avhad	Member
7	Mrs.Shaila V.Gite	Member

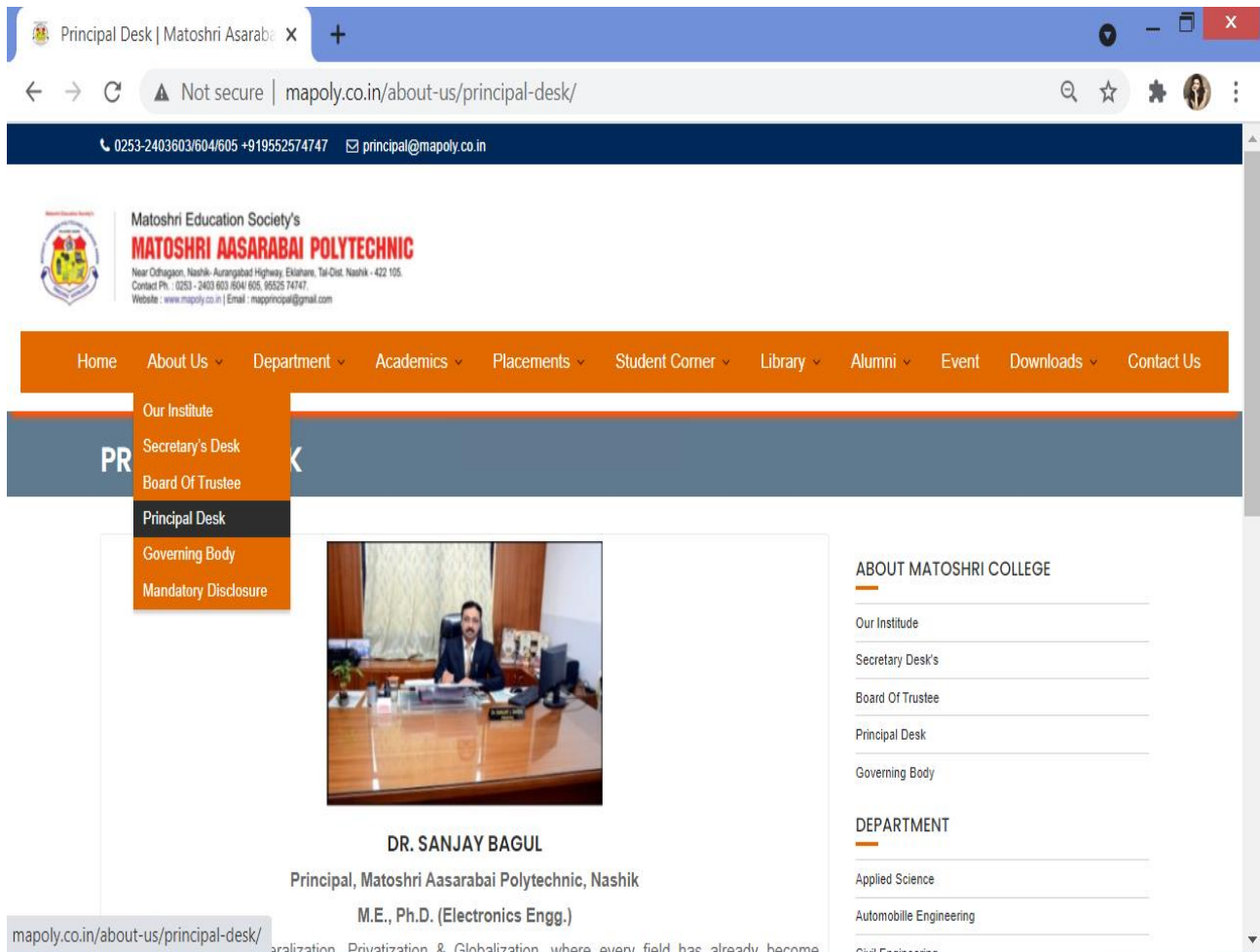
On the right side of the page, there are sections for 'ABOUT MATOSHRI COLLEGE' and 'DEPARTMENT'.

Script :

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).perform();
Thread.sleep(2000);
w.findElement(By.xpath("//*[@id=\"menu-item-443\"]/a")).click();
w.navigate().back();
```



TC\_08 : To test Mouse hover functionality of About Us for Principal Desk menu



Script :

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).perform();
//Parent Button
w.findElement(By.linkText("Principal Desk")).click();
Thread.sleep(2000);
w.navigate().back();
```

TC\_09 : To test Mouse hover functionality of About Us page for the menu Governing Body

The screenshot shows a web browser window with the URL `mapoly.co.in/about-us/governing-body/`. The page header includes the college name, contact information, and a navigation menu. The main content area is titled "GOVERNING BODY" and contains a table with the following data:

SR.NO.	NAME OF THE MEMBER	DESIGNATION
1	Mr.K.B.Darade (Trust Chairman)	President
2	Er.K.N.Darade (Trust Secretary)	Member
3	Dr.P.S.Avhad (Trustee)	Member
4	Dr.Omprakash Kulkarni (Entrepreneur/Industrialist)	Member
5	Dr.G.K.Kharate (Educationist)	Member

To the right of the table, there is a sidebar with the following sections:

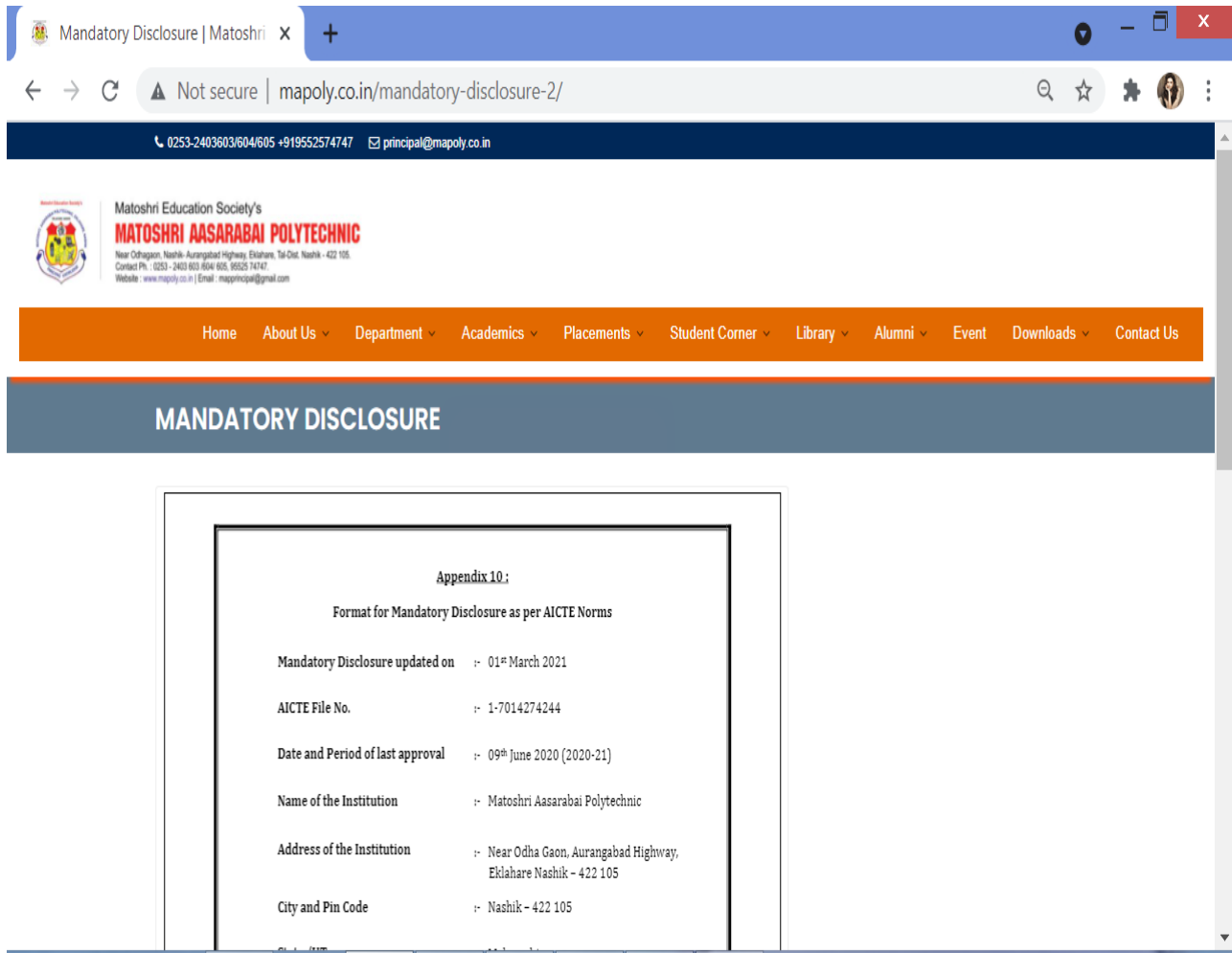
- ABOUT MATOSHRI COLLEGE**
  - Our Institute
  - Secretary Desk's
  - Board Of Trustee
  - Principal Desk
  - Governing Body
- DEPARTMENT**
  - Applied Science
  - Automobile Engineering
  - Civil Engineering

At the bottom of the page, there is a file manager interface showing three files: `final1.docx`, `Defect.docx`, and `Code.docx`. A "Show all" button is also visible.

Script :

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).perform();  
//Parent Button  
w.findElement(By.linkText("Governing Body")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

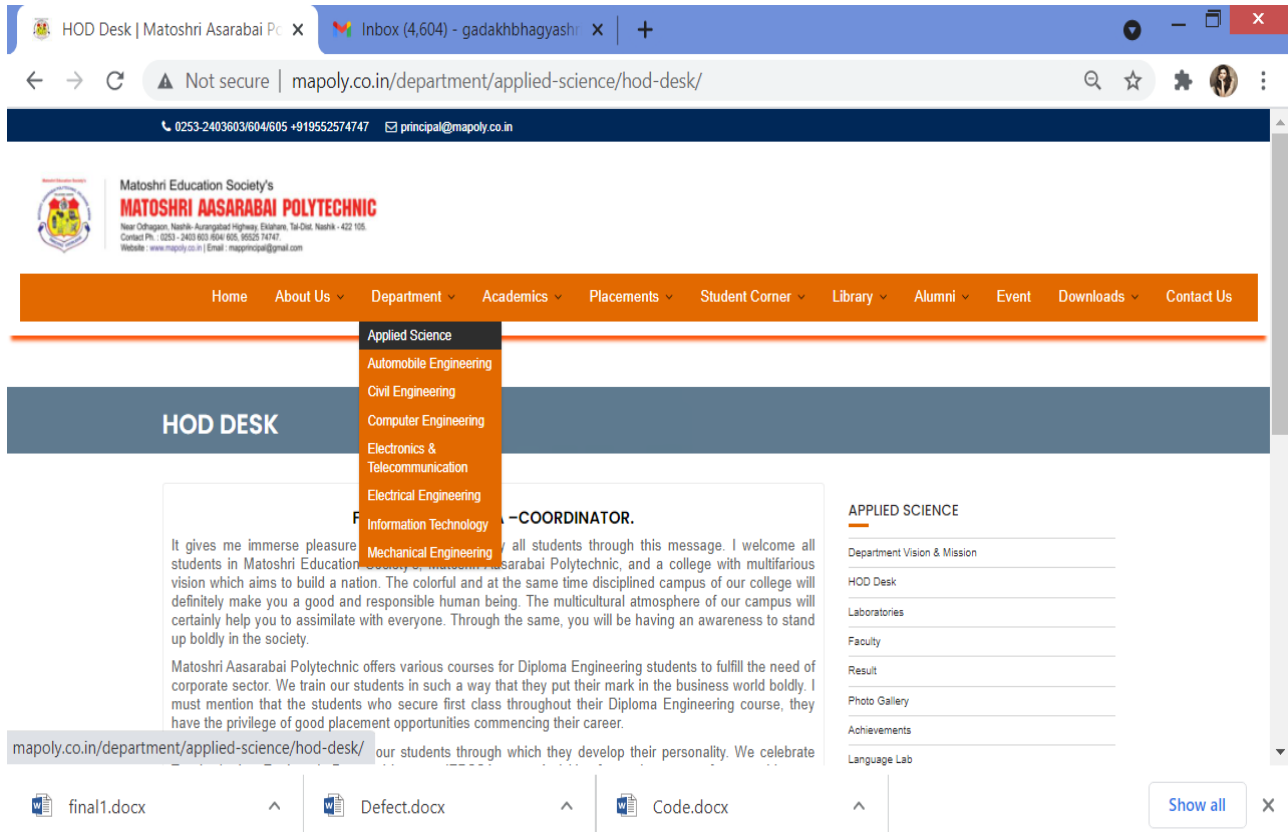
TC\_10 : To test Mouse hover functionality of About Us Page for the menu  
Mandatory Disclosure



Script :

```
a1.moveToElement(w.findElement(By.linkText("About Us"))).perform();  
//Parent Button  
w.findElement(By.linkText("Mandatory Disclosure")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

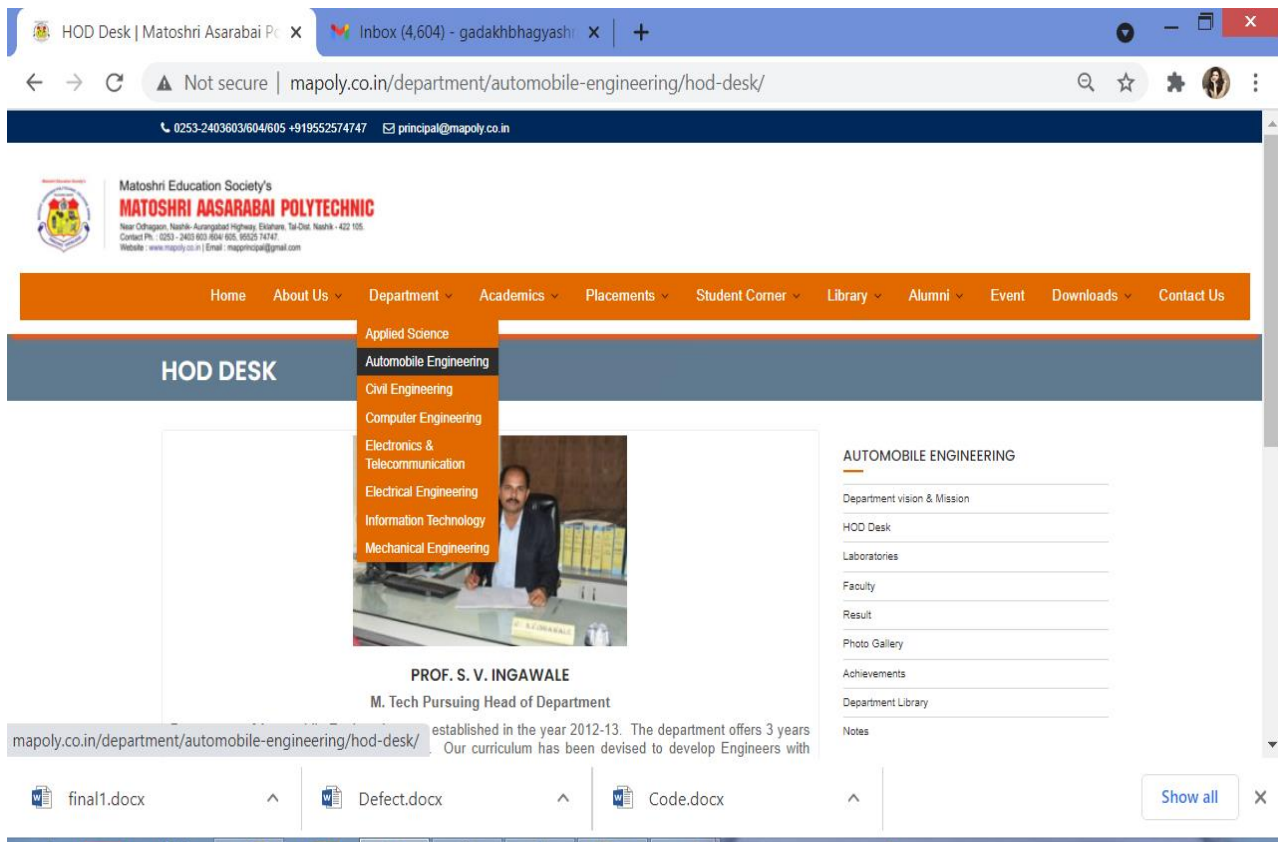
## TC\_11 : To test functionality of Department Page with the option Applied Science



Script :

```
Actions a2=new Actions(w);
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();
//Parent Button
w.findElement(By.linkText("Applied Science")).click();
Thread.sleep(2000);
w.navigate().back();
```

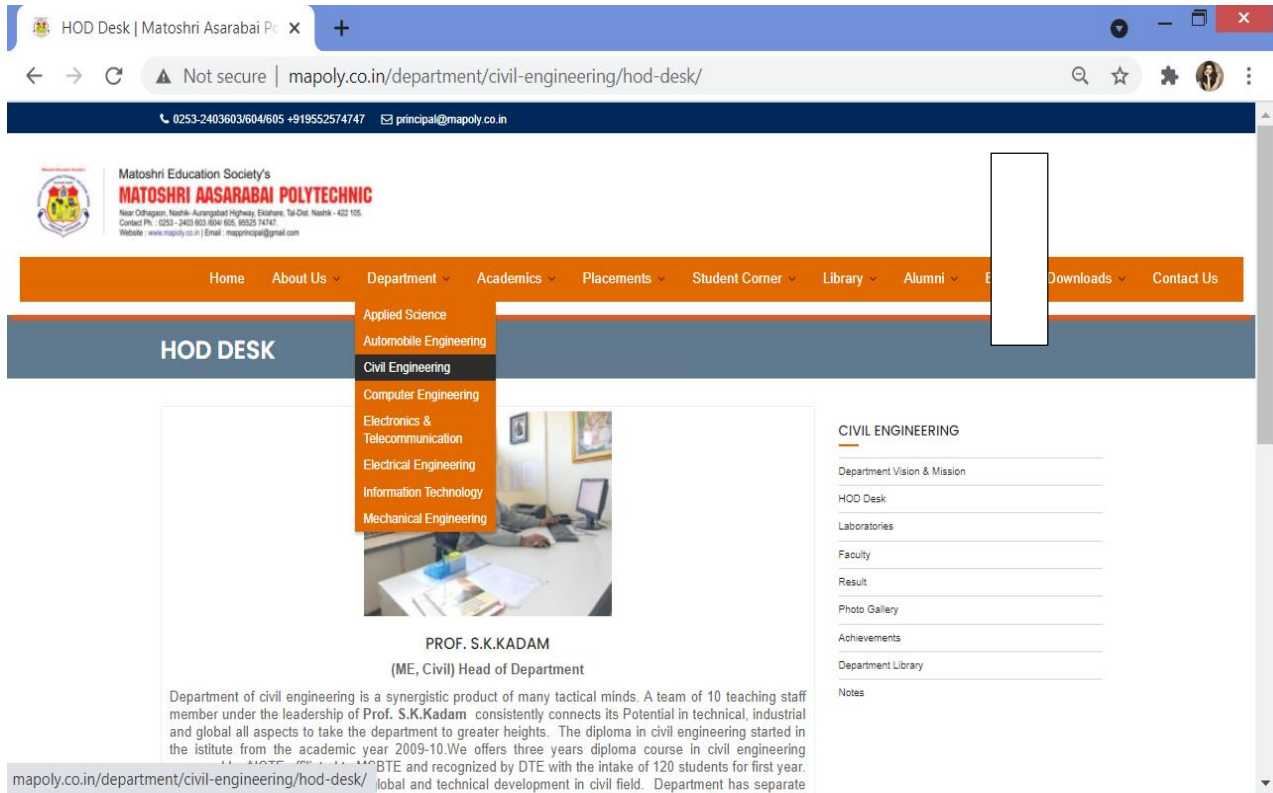
## TC\_12 : To test functionality of Department Page for the menu Automobile Engineering



Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();
//Parent Button
w.findElement(By.linkText("Automobile Engineering")).click();
Thread.sleep(2000);
w.navigate().back();
```

## TC\_13 : To test functionality of Department Page with the option Civil Engineering



Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Civil Engineering")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_14 : To test functionality of Department Page with the option Computer Engineering

Scripts :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Computer Engineering")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_15 : To test functionality of Department Page with the option Electronics and Telecommunication Engineering

Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Electronics & Telecommunication")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_16 : To test functionality of Department Page with the option Electrical Engineering

Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Electrical Engineering")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_17 : To test functionality of Department Page with the option Information Technology

Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Information Technology")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_18 : To test functionality of Department Page with the option Mechanical Engineering

Script :

```
a2.moveToElement(w.findElement(By.linkText("Department"))).perform();  
//Parent Button  
w.findElement(By.linkText("Mechanical Engineering")).click();  
Thread.sleep(2000);  
w.navigate().back();
```



## TC\_19 : To test functionality of Academics Page for MSBTE Academic Calendar

MSBTE Academic Calendar

MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION

(Autonomous) (ISO 9001:2015) (ISO/IEC 27001:2013)

4<sup>th</sup> Floor, Govt. Polytechnic, Bldg. 49, Kherwadi, Bandra(E), Mumbai-400 051

Tel.No. : 26477208/ 26477255/ 26478796/ 26477214 Fax: 91-022-26473980

Email: secretary@msbte.com web: www.msbte.org.in

No. MSBTE/D-48/Academic Calendar/2019/53 Date: 16 APR 2019

**Academic Calendar 2019-20**

Sr. No.	Activities	Odd semester except First semester Period	First Semester Period	Even Semester Period	Yearly Pattern except First year Period	Yearly pattern First year Period
1.	First Term	June 26-October 12, 2019	*July 01-October 16, 2019	--	June 26-October 24, 2019	*July 01- October 24, 2019
2	First Class Test	August 21-23, 2019	August 28-30, 2019	--	October 3-5, 2019	October 3-5, 2019
3	Second Class	October 09-11, 2019	October 14-16, 2019	--	--	--
		October 15-29, 2019	October 25-29, 2019		October 25-29, 2019	October 25-29, 2019

Script :

Actions a3=new Actions(w);

a3.moveToElement(w.findElement(By.linkText("Academics"))).perform();

//Parent Button

w.findElement(By.linkText("MSBTE Academic Calendar")).click();

## TC\_20 : To test functionality of Scroll Button for menu MSBTE Academic Calendar



MSBTE Academic Calendar | Mapoly.co.in

Not secure | mapoly.co.in/academics/msbte-academic-calendar/

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**MAHARASHTRA STATE BOARD OF TECHNICAL EDUCATION**  
(Autonomous) (ISO 9001:2015) (ISO/IEC 27001:2013)  
4<sup>th</sup> Floor, Govt. Polytechnic, Bldg. 49, Kherwadi, Bandra(E), Mumbai-400 051  
Tel.No. : 26477208/ 26471255/ 26478796/ 26477214 Fax: 91-022-26473980  
Email:secretary@msbte.com web:www.msbt.org.in

No. MSBTE/D-40/Academic Calendar/2019/53 Date 15 APR 2019

**Academic Calendar 2019-20**

Sr. N o.	Activities	Odd semester except First semester Period	First Semester Period	Even Semester Period	Yearly Pattern except First year Period	Yearly pattern First year Period
1.	First Term	June 26-October 12, 2019	*July 01-October 16, 2019	--	June 26-October 24, 2019	*July 01- October 24, 2019
2.	First Class Test	August 21-23, 2019	August 28-30, 2019	--	October 3-5, 2019	October 3-5, 2019
3.	Second Class Test	October 09-11, 2019	October 14-16, 2019	--	--	--
4.	Winter Break	October 25-29, 2019	October 25-29, 2019	--	October 25-29, 2019	October 25-29, 2019
5.	Second Term	--	--	December 09, 2019 - March 27, 2020	October 30, 2019 - March 27, 2020	October 30, 2019 - March 27, 2020
6.	First Class Test	--	--	February 05-07, 2020	II Test January 16-18, 2020	II Test January 16-18, 2020
7.	Second Class Test	--	--	March 25-27, 2020	III Test March 25-27, 2020	III Test March 25-27, 2020

\*Commencement of term as per the date specified by admission authority.

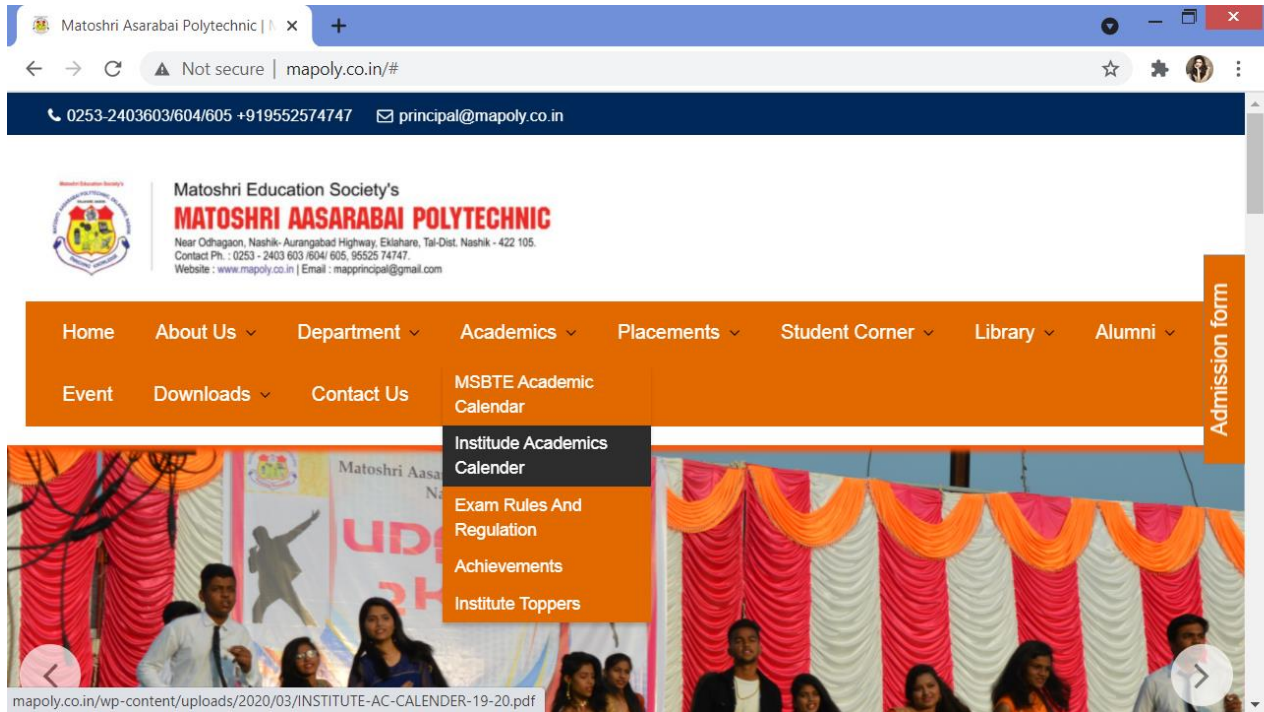
Page 1 / 5 Zoom 100% WP-PDF.COM

Script :

```
JavascriptExecutor js= (JavascriptExecutor) w;
Thread.sleep(2000);
```

```
//js.executeScript("window.scrollTo(0,300)", "");
js.executeScript("window.scrollTo(0,150)");
js.executeScript("window.scrollTo(0,300)");
Thread.sleep(5000);
w.navigate().back();
```

TC\_21 : To test functionality of Academics Page with the option Institute Academic Calendar



Script :

```
a3.moveToElement(w.findElement(By.linkText("Academics"))).perform(); //Parent Button
w.findElement(By.linkText("Institute Academics Calender")).click();
Thread.sleep(2000);
w.navigate().back();
```

TC\_22 : To test functionality of Academics Page with the option Exams Rule and Regulation

Script :

```
a3.moveToElement(w.findElement(By.linkText("Academics"))).perform();  
w.findElement(By.linkText("Exam Rules And Regulation")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_23 : To test functionality of Academics Page with the option Achievements

Script :

```
a3.moveToElement(w.findElement(By.linkText("Academics"))).perform();  
w.findElement(By.linkText("Achievements")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_24 : To test functionality of Academics Page with the option Institute Toppers

Script :

```
a3.moveToElement(w.findElement(By.linkText("Academics"))).perform();  
w.findElement(By.linkText("Institute Toppers")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_25 : To test functionality of Placements Page for Placement Overview

Script :

```
Actions a4=new Actions(w);  
a4.moveToElement(w.findElement(By.linkText("Placements"))).perform();  
w.findElement(By.linkText("Placement overview")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

TC\_26 : To test functionality of Placements Page with the option Job Openings

Job Openings | Matoshri Asaraba x

Not secure | mapoly.co.in/placements/job-openings/

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Placement Overview  
Job Openings  
Our Recruiters  
TPO

Your Name \*

Your Email \*

Mobile Number \*

Job Opening

Send

mapoly.co.in/placements/job-openings/

Script :

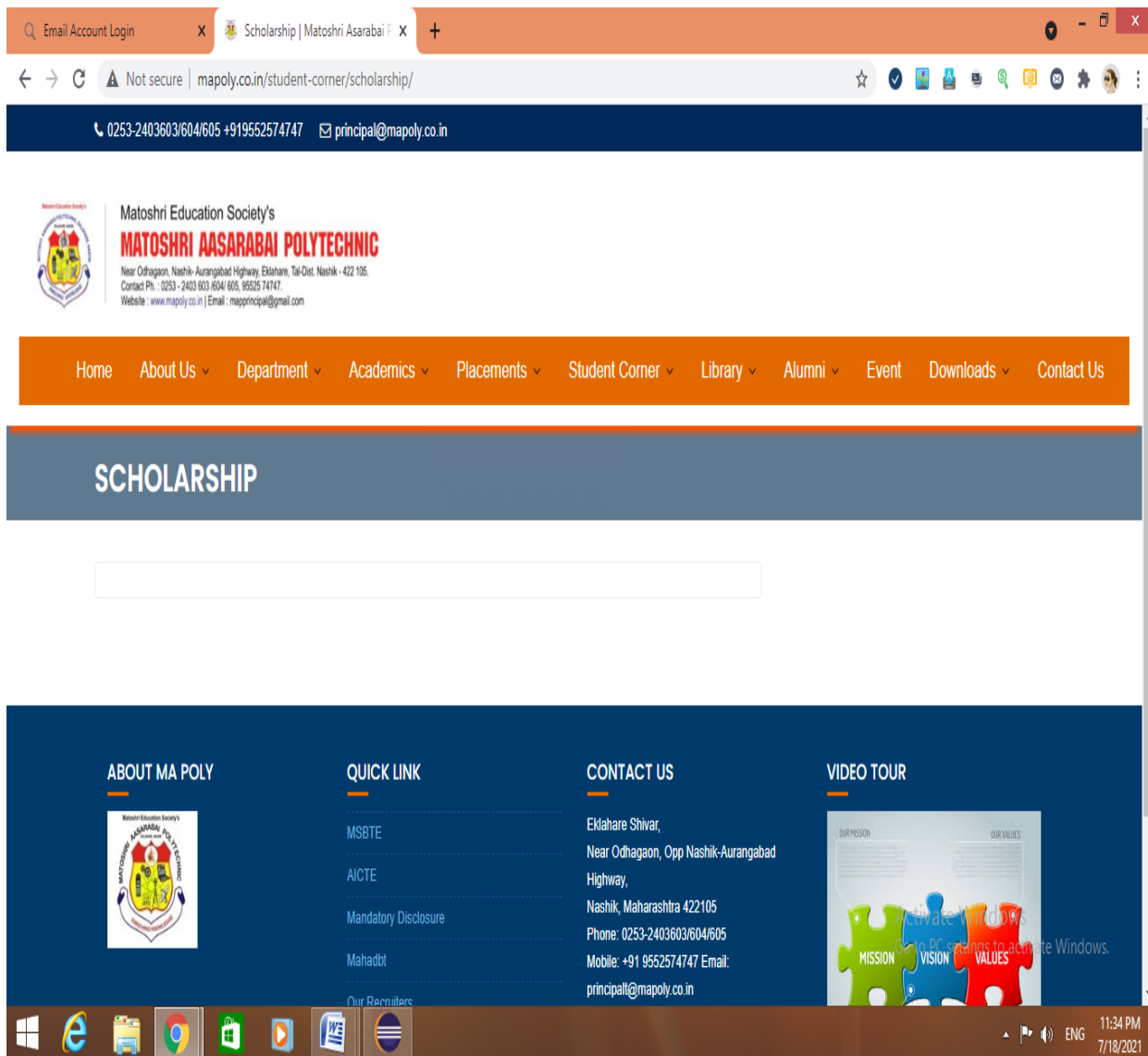
```
a4.moveToElement(w.findElement(By.linkText("Placements"))).perform();  
//Parent Button  
w.findElement(By.linkText("Job Openings")).click();  
w.findElement(By.name("Name")).sendKeys("Ram Patil");  
w.findElement(By.name("email")).sendKeys("ram@gmail.com");  
w.findElement(By.name("mobile")).sendKeys("9494949494");  
w.findElement(By.name("your-message")).sendKeys("Overview of placement  
records");  
w.findElement(By.xpath("//*[@id=\"wpcf7-f2321-p372-  
o1\"]//form/p[5]/input")).click();  
  
Thread.sleep(2000);  
w.navigate().back();
```

TC_27 : To test functionality of Placements Page with the option TPO
--

Script :

```
a4.moveToElement(w.findElement(By.linkText("Placements"))).perform();  
//Parent Button  
w.findElement(By.linkText("TPO")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

## TC\_28 : To Test The Functionality Of Student Corner for Scholarship Menu



Script :

```
Actions A13=new Actions(w);
A13.moveToElement(w.findElement(By.linkText("Student Corner"))).perform();
w.findElement(By.linkText("Scholarship")).click();
Thread.sleep(2000);
w.navigate().back();
```

TC\_29 : To Test The Functionality Of Student Corner Menu of MSBTE Result page.

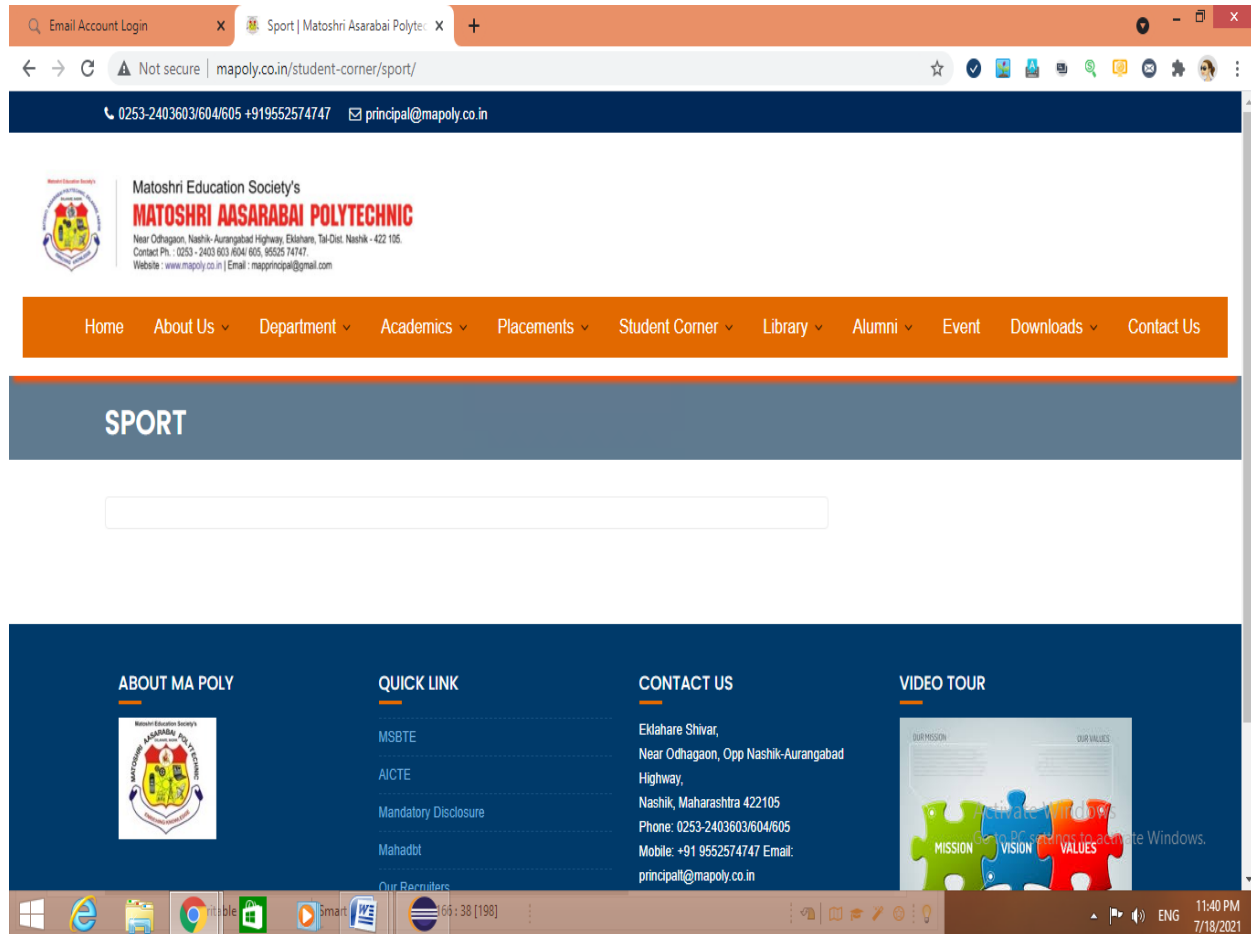


Script :

```
A.moveToElement(w.findElement(By.linkText("Student Corner"))).perform();
w.findElement(By.xpath("//*[@id=\"menu-item-1660\"]/a")).click();
Thread.sleep(2000);
w.navigate().back();
```



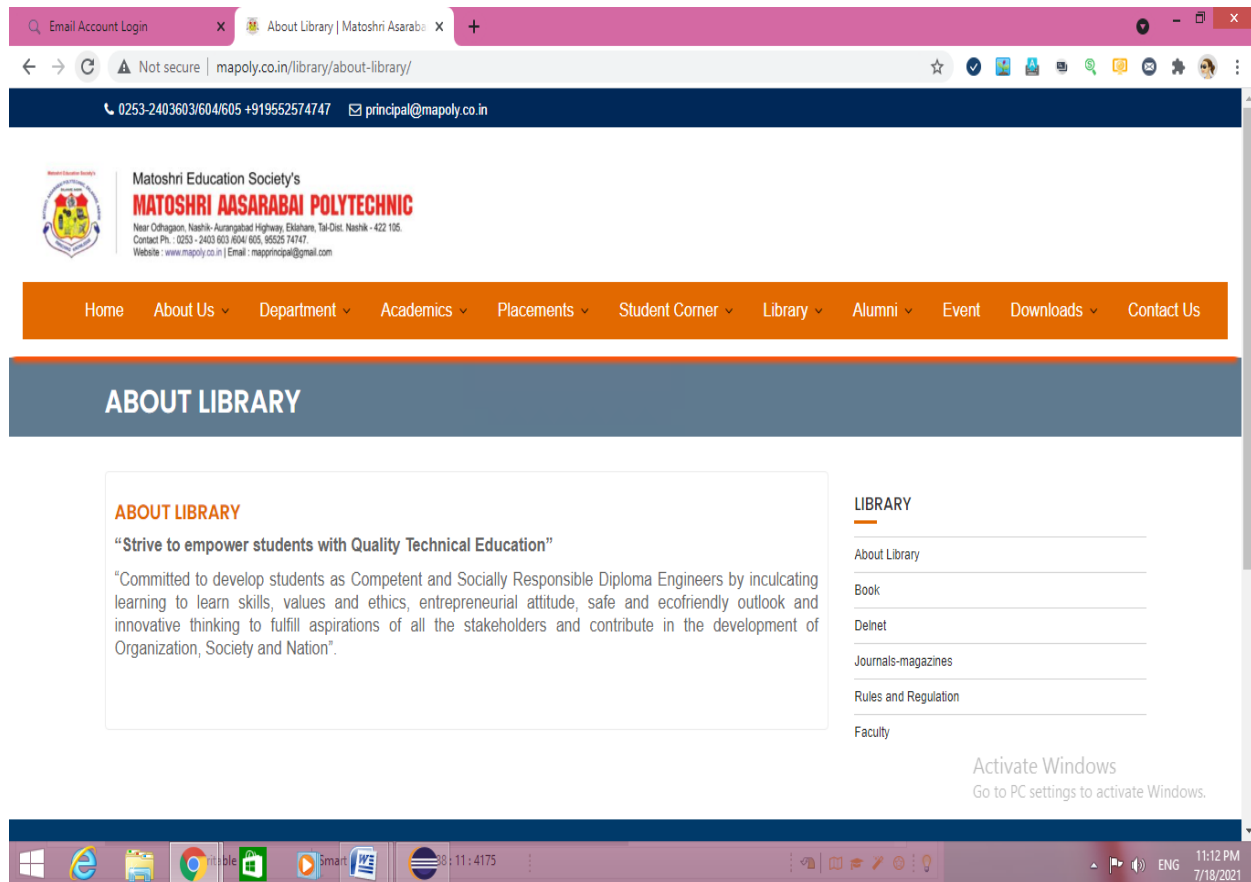
TC\_30 : To Test The Functionality Of Student Corner for Sport page Menu.



Script :

```
A.moveToElement(w.findElement(By.linkText("Student Corner"))).perform();
w.findElement(By.linkText("Sport")).click();
Thread.sleep(2000);
w.navigate().back();
```

## TC\_31 : To test functionality of Library Page with the option About Library



Script :

Actions A=new Actions(w);

A.moveToElement(w.findElement(By.linkText("Library"))).perform();

w.findElement(By.linkText("About Library")).click();

Thread.sleep(2000);

w.navigate().back();

## TC\_32 : To test functionality of Library Page with the menu Book

Matoshri Education Society's  
**MATOSHRI AASARABAI POLYTECHNIC**  
Near Chitragoon, Nashik-Aurangabad Highway, Elkheda, Tal-Dist. Nashik - 422 105.  
Contact Ph. : 0253 - 2403 803/804/805, 95525 74747.  
Website : www.mapoly.co.in | Email : maprincipal@gmail.com

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### BOOK

Sr.no	Branch	Title	Volume	E-Books( including volume) (DELNET)
1	Electrical Engineering	200	2000	501
2	Automobile Engineering	200	1000	359
3	Civil Engineering	275	2750	450
4	Computer Engineering	275	1375	365

**LIBRARY**

- About Library
- Book
- Delnet
- Journals-magazines
- Rules and Regulation
- Faculty

Activate Windows  
Go to PC settings to activate Windows.

Script :

Actions A=new Actions(w);

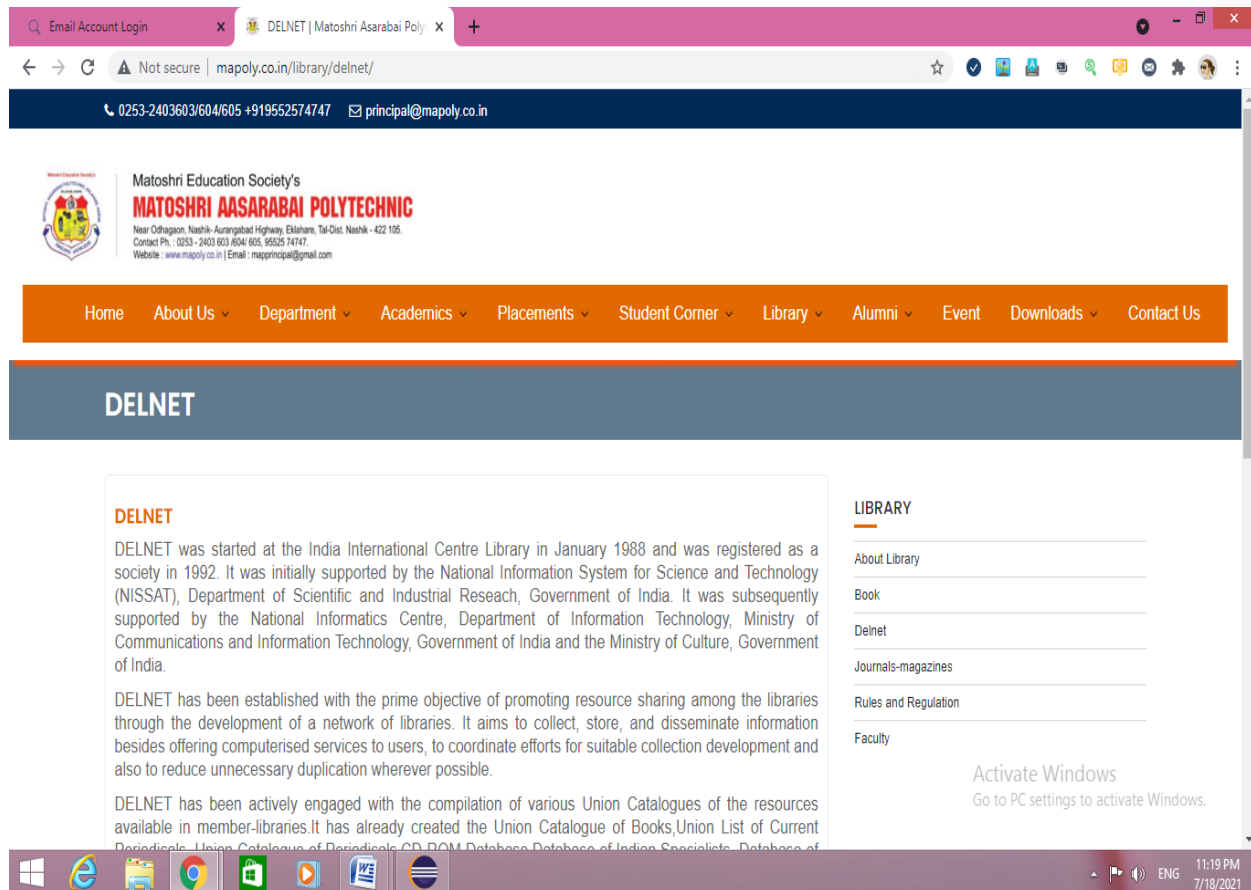
A.moveToElement(w.findElement(By.linkText("Library"))).perform();

w.findElement(By.linkText("Book")).click();

Thread.sleep(2000);

w.navigate().back();

## TC\_33 : To test functionality of Library Page with the option DELNET

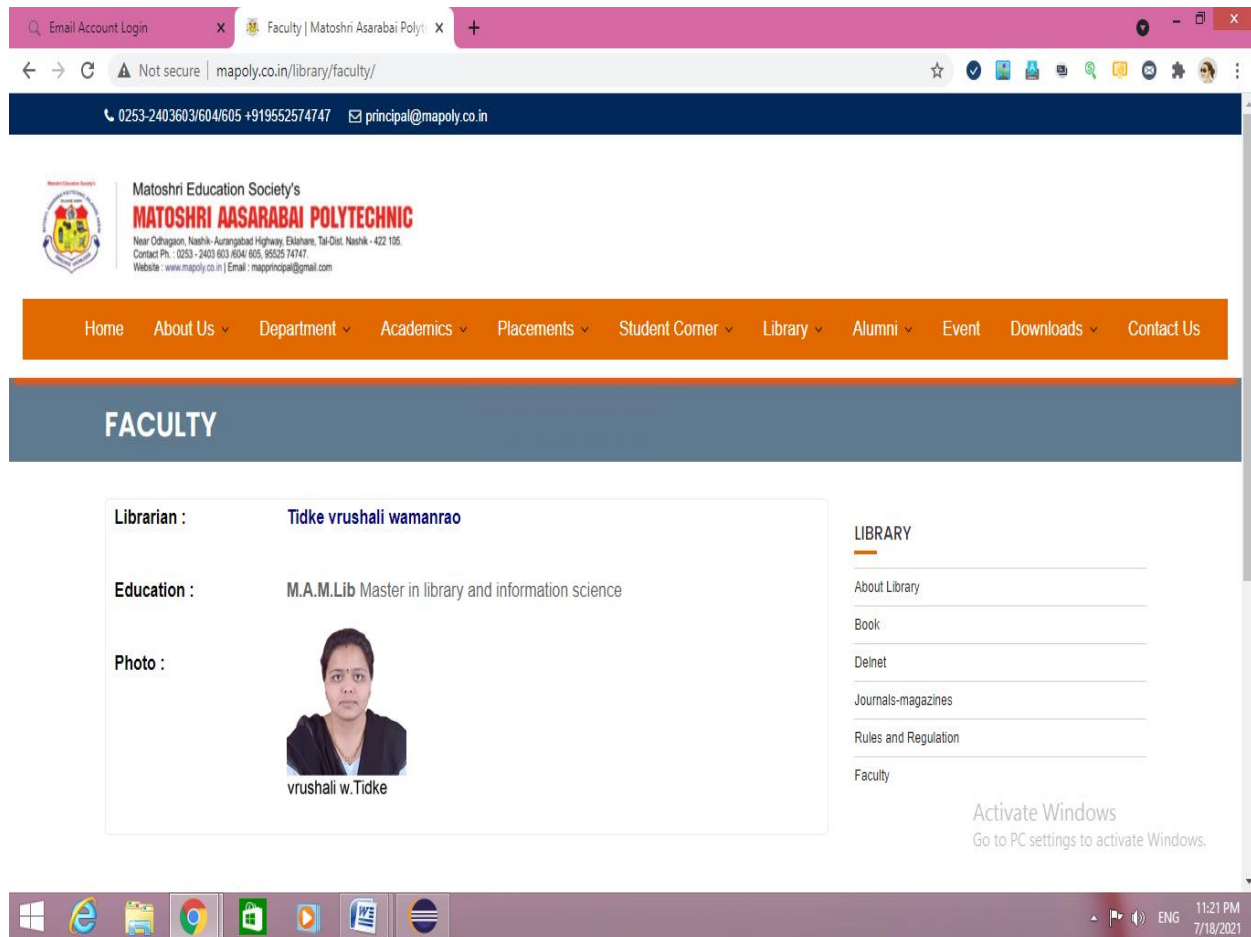


Script :

Actions A=new Actions(w);

```
A.moveToElement(w.findElement(By.linkText("Library"))).perform();  
w.findElement(By.linkText("DELNET")).click();  
Thread.sleep(2000);  
w.navigate().back();
```

## TC\_34 : To test functionality of Library Page for menu Faculty



Script :

Actions A=new Actions(w);

```
A.moveToElement(w.findElement(By.linkText("Library"))).perform();
```

```
w.findElement(By.linkText("Faculty")).click();
```

```
Thread.sleep(2000);
```

```
w.navigate().back();
```

## TC\_35 : To test functionality of Alumni Page with the option Alumni Registration

Browser tabs: Email Account Login, Alumni Registration | Matoshri A

Browser address bar: mapoly.co.in/alumni/alumni-registration/

Phone: 0253-2403603/604/605 +919552574747 | Email: principal@mapoly.co.in

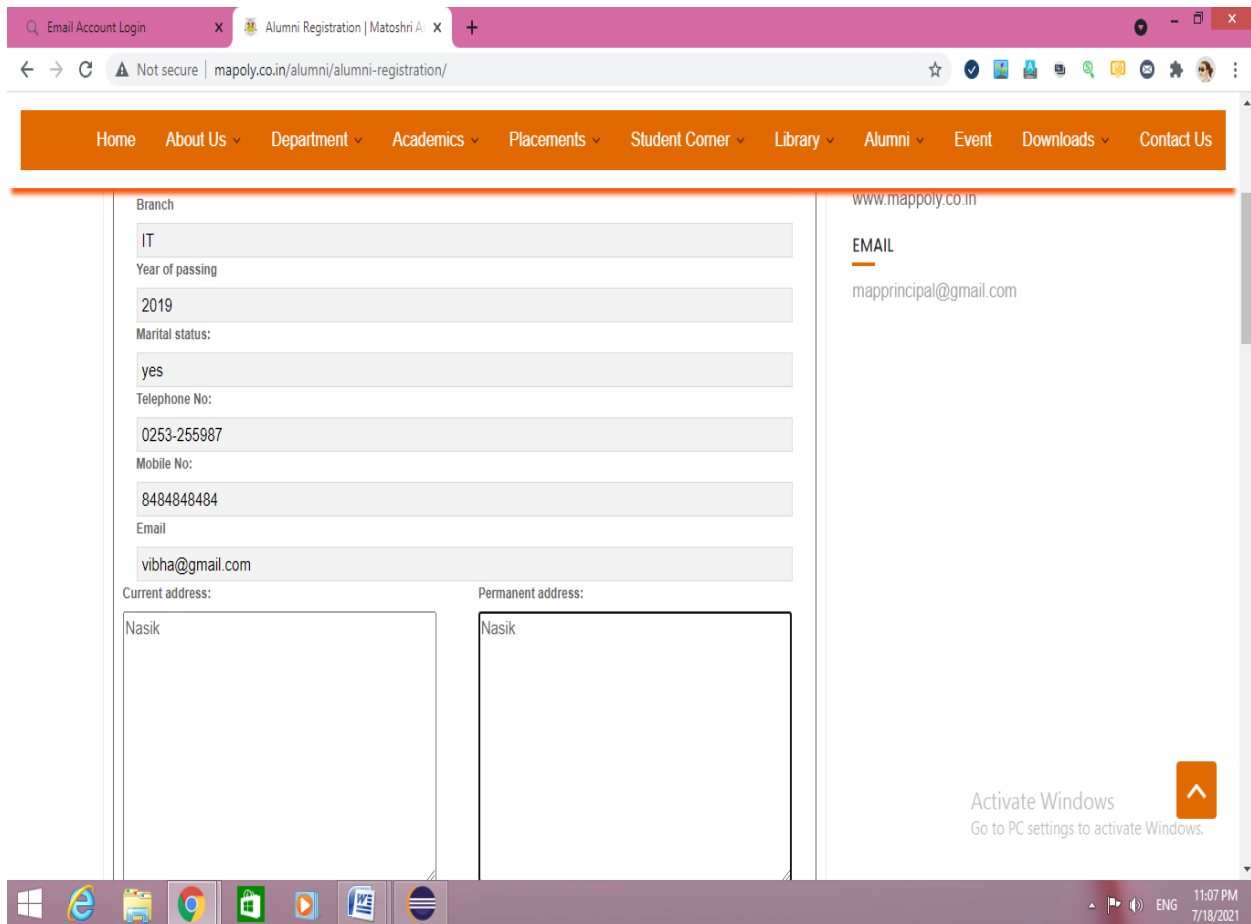
Matoshri Education Society's  
**MATOSHRI AASARABAI POLYTECHNIC**  
Near Odhagaon, Nashik-Aurangabad Highway, Eklahare, Tal-Ghat, Nashik - 422 105.  
Contact Ph. : 0253 - 2403 603 /604/ 605, 95525 74747.  
Website : www.mapoly.co.in | Email : maprincipal@gmail.com

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### ALUMNI REGISTRATION

<p>Name</p> <p>Vibha</p> <p>Father's name:</p> <p>Suresh</p> <p>Date Of Birth:</p> <p>01/24/1999</p> <p>Gender:</p> <p><input type="radio"/> MALE <input checked="" type="radio"/> FEMALE</p> <p>Degree:</p> <p>IT</p> <p>Branch</p>	<p><b>ADDRESS</b></p> <p>Eklahreshivar, Near Odhagaon, Opp Nashik-Aurangabad Highway, Nashik, Maharashtra 422105</p> <p><b>CONTACT DETAILS</b></p> <p>0253-2403603/604/605, 9552574747</p> <p><b>WEBSITE</b></p> <p>www.mappoly.co.in</p>
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Windows taskbar: 11:05 PM 7/18/2021



Script :

Actions **A11=new** Actions(w);

**A11.moveToElement(w.findElement(By.linkText("Alumni"))).perform();**

**w.findElement(By.linkText("Alumni Registration")).click();**

**Thread.sleep(2000);**

**w.findElement(By.name("your\_name")).sendKeys("Vibha");**

**w.findElement(By.name("father\_name")).sendKeys("SUresh");**

**w.findElement(By.name("birth\_date")).sendKeys("24/01/1999");**

**w.findElement(By.xpath("//\*[@id=\"wpcf7-f1052-p435-o1\"]/form/div[2]/div[4]/span/span/span[2]/input")).click();**

**w.findElement(By.name("degree")).sendKeys("BE");**

**w.findElement(By.name("branch")).sendKeys("Information Technology");**

**w.findElement(By.name("pass\_year")).sendKeys("2019");**

**w.findElement(By.name("marital\_status")).sendKeys("Unmarried");**

```

w.findElement(By.name("telephone_no")).sendKeys("8484848484");
w.findElement(By.name("mobile_number")).sendKeys("8484848484");
w.findElement(By.name("email")).sendKeys("vibha@gmail.com");
w.findElement(By.name("current_address")).sendKeys("Nashik");
w.findElement(By.name("permanent_address")).sendKeys("Nashik");
w.findElement(By.name("course_name")).sendKeys("M.Tech");
w.findElement(By.name("specialization")).sendKeys("IT");
w.findElement(By.name("university")).sendKeys("Savitribai Phule Pune Univercity");
w.findElement(By.name("address")).sendKeys("Pune");

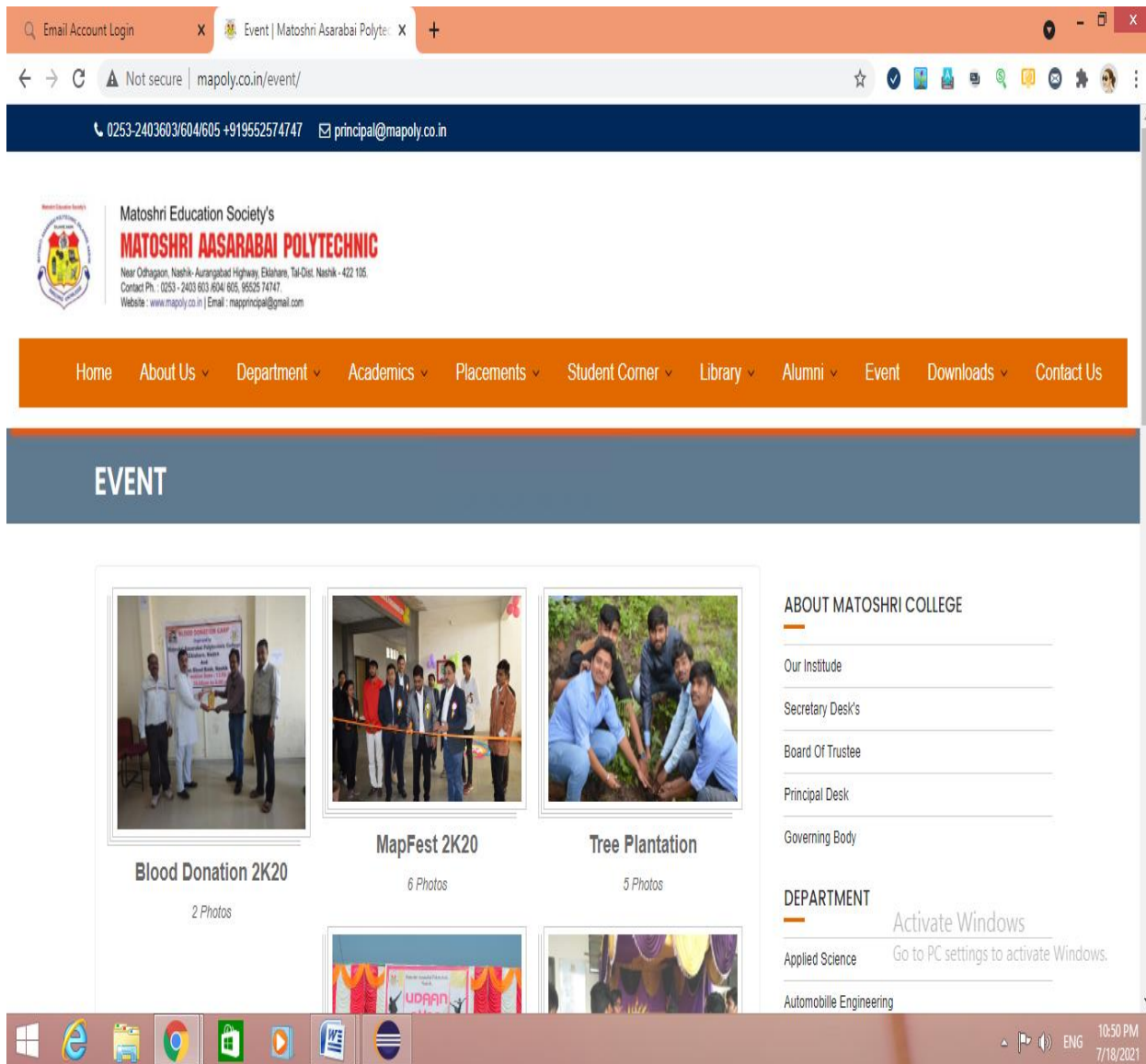
//-----Work Information-----
w.findElement(By.name("employee")).sendKeys("Vibha");
w.findElement(By.name("job_designation")).sendKeys("Software Tester");
w.findElement(By.name("office_number")).sendKeys("02253-224865");

w.findElement(By.name("official_email")).sendKeys("vibhaindiabletechnology@gmail.com");
w.findElement(By.name("field_work")).sendKeys("Tester");
//-----Details of Enterprionership-----
w.findElement(By.name("org_name")).sendKeys("Sai InfoTech");
w.findElement(By.name("org_address")).sendKeys("Nashik");
w.findElement(By.name("service_offered")).sendKeys("Testing Websites");
w.findElement(By.name("suggestion")).sendKeys("Nothing");
w.findElement(By.xpath("//*[@id=\"wpcf7-f1052-p435-o1\"]/form/div[2]/div[25]/p/input")).click();
System.out.println("Thank You For Message,It has been Sent");

```



TC\_36 : To test functionality of Event Button by clicking on it



Script :

```
w.findElement(By.linkText("Event")).click();
w.findElement(By.linkText("Our Institute")).click();
w.navigate().back();
w.findElement(By.xpath("//*[@id=\"list-12\"]/ul/li[2]/a")).click();
w.navigate().back();
```

```
w.findElement(By.xpath("//*[@id=\"list-12\"]/ul/li[3]/a")).click();  
w.navigate().back();  
w.findElement(By.xpath("//*[@id=\"list-12\"]/ul/li[4]/a")).click();  
w.navigate().back();  
w.findElement(By.xpath("//*[@id=\"list-12\"]/ul/li[5]/a")).click();  
w.navigate().back();
```

## TC\_37 : To test functionality of Downloads Page with the option Committee Letters

The screenshot shows a web browser window with the URL [mapoly.co.in/downloads/committee-letters/](http://mapoly.co.in/downloads/committee-letters/). The page header includes the Matoshri Education Society's logo and contact information. The navigation menu lists various sections, with 'Downloads' highlighted. The main content area is titled 'COMMITTEE LETTERS' and contains a table with five rows of download links.

SR.NO	DOCUMENT NAME	DOWNLOAD
1	STUDENT COMPLIANT COMMITTEE 2020-21	<a href="#">Download</a>
2	SC & ST COMMITTEE 2020-21	<a href="#">Download</a>
3	INTERNAL COMPLAINT COMMITTEE	<a href="#">Download</a>
4	GOVERNING BODY	<a href="#">Download</a>
5	FACULTY COMPLAINT COMMITTEE 2020-21	<a href="#">Download</a>

An 'Activate Windows' watermark is visible on the right side of the page. The Windows taskbar at the bottom shows the time as 10:39 PM on 7/18/2021.

Script :

Actions **A=new** Actions(w);

```
A.moveToElement(w.findElement(By.linkText("Downloads"))).perform();  
w.findElement(By.linkText("Committee Letters")).click();  
w.navigate().back();
```

## TC\_38 : To test functionality of Downloads Page with the option Certificate

The screenshot shows a web browser window with two tabs: 'Email Account Login' and 'Certificate Section | Matoshri As...'. The address bar shows 'mapoly.co.in/downloads/certificate-section/'. The website header includes contact information: '0253-2403603/604/605 +919552574747' and 'principal@mapoly.co.in'. The logo of Matoshri Education Society's MATOSHRI AASARABAI POLYTECHNIC is displayed, along with its address and contact details. A navigation menu contains links: Home, About Us, Department, Academics, Placements, Student Corner, Library, Alumni, Event, Downloads, and Contact Us. The main heading is 'CERTIFICATE SECTION'. Below it is a table with three rows of download links.

SR.NO	DOCUMENT NAME	DOWNLOAD
1	ADMISSION CANCEL APPLICATION	<a href="#">Download</a>
2	BONAFIDE APPLICATION	<a href="#">Download</a>
3	FEE STRUCTURE APPLICATION	<a href="#">Download</a>

An 'Activate Windows' watermark is visible on the right side of the page. The Windows taskbar at the bottom shows the time as 10:44 PM on 7/18/2021.

### Script :

```
A.moveToElement(w.findElement(By.linkText("Downloads"))).perform();  
w.findElement(By.linkText("Certificate Section")).click();  
w.navigate().back();
```

TC0_39 : To test functionality of Contact Us Button by clicking on it
---

Email Account Login

Contact Us | Matoshri Asarabai P

Not secure | mapoly.co.in/contact-us/

Home

About Us

Department

Academics

Placements

Student Corner

Library

Alumni

Event

Downloads

Contact Us

Your Name (required)

vibha

Your Email (required)

vibha@gmail.com

Subject

IT

Your Message

Inquiry For Admission...

Send

ADDRESS

Eklahreshivar, Near Odhagaon,  
Opp Nashik-Aurangabad Highway,  
Nashik, Maharashtra 422105

CONTACT DETAILS

0253-2403603/604/605,  
9552574747

WEBSITE

www.mapoly.co.in

EMAIL

mapprincipal@gmail.com

Activate Windows

Go to PC settings to activate Windows.

Windows Taskbar

5:47 PM 7/18/2021

Script :

```
w.findElement(By.linkText("Contact Us")).click();
w.findElement(By.name("your-name")).sendKeys("vibha");
w.findElement(By.name("your-email")).sendKeys("vibha@gmail.com");
w.findElement(By.name("your-subject")).sendKeys("Information Technology");
w.findElement(By.name("your-message")).sendKeys("Inquiry Regarding Admisiion");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[3]/div[1]/main[1]/article[1]/div[1]/div[1]/div[1]/form[1]/p[4]/input[1]")).click();
```

TC\_40 : To get Current URL of application

Script :

```
System.out.println(w.getCurrentUrl());
```

TC\_41 : To get Current Title of application

Script :

```
System.out.println("Title of a page is: "+w.getTitle());
```

## **Conclusion**

Thus, in this project we have tested Educational web application – Matoshri Polytechnic, Nashik by Automation testing using automation tool Selenium Webdriver.

While testing we have come across some functional and non – functional defects. We have kept their track in defect report.

We have performed system testing on various modules of an application

In order to check their functionality properly.

Automated testing reduced resources as time efforts by re executing scripts.