



PROJECT REPORT ON
AUTOMATION TESTING USING SELENIUM WEBDRIVER ON “INDIA.GOV.IN” WEBSITE.

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UNDER THE GUIDANCE OF
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INTRODUCTION

1.1. THEORY BEHIND THE PROJECT:

- Software testing, an integral part of the development process for software applications that meet the highest standards of quality, can be a complex process, to say the least. With the increasing number of functionalities that applications today are bestowed with, not to mention the large number of platforms and browsers to account for, there is an ever-increasing possibility of bugs and issues going unnoticed. However, the highly competitive market scenario does not allow software developers the luxury of allowing products with even minor bugs to reach the market, as a product with issues will be outright rejected.
- In such a scenario, software developers have embraced automation testing to increase the efficiency of the testing process and to maximize test coverage. The best thing about automation is that it not just improves the quality of testing and makes it several times faster, but also reduces the cost involved.

1.2. AIM OF THE PROJECT:

- This project aims to do the overall Functional Testing on the website. It helps to improve the quality of the website and saves time from manually testing the website.

1.3. SOFTWARE REQUIREMENTS:

- Operating System : Windows 10
- Browser : Google Chrome (90.0.4430.212)
- Building Platform : Eclipse IDE
- Front-end : Language- Java
: Tool- Selenium WebDriver

TEST SCRIPTS

TC_01: To launch the browser and open india.gov.in website.

```
System.setProperty("webdriver.chrome.driver","C:\\Users\\Akshay\\Desktop\\Selenium Jar\\chromedriver_win32\\chromedriver.exe");
WebDriver w=new ChromeDriver();
w.manage().window().maximize();

w.get("https://www.india.gov.in/content-available-on-ngsp");
```

TC_02: To check the functionality of Topics tab.

```
Actions a1=new Actions(w);
a1.moveToElement(w.findElement(By.xpath("//span[contains(text(),'Topics')]"))).perform();
```

TC_03: To check the functionality of Environment and forest button.

```
Actions a1=new Actions(w);
a1.moveToElement(w.findElement(By.xpath("//span[contains(text(),'Topics')]"))).perform();

w.findElement(By.xpath("//header/section[2]/div[1]/div[2]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/nav[1]/ul[1]/li[1]/ul[1]/li[7]/a[1]")).click();
System.out.println("Environment & Forest page is displayed");
```

TC_04: To check the functionality of Schemes button.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
```

TC_05: To check the functionality of Schemes button-1st link.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
w.findElement(By.xpath("//a[contains(text(),'Centrally Sponsored Schemes by UP Forest')]")).click();
System.out.println("Centrally Sponsored Schemes by UP Forest page is displayed");
Thread.sleep(1000);
JavascriptExecutor js=(JavascriptExecutor)w;
js.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
//Thread.sleep(1000);
w.navigate().back();
```

TC_06: To check the functionality of Schemes button-2nd link.

```

w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
w.findElement(By.xpath("//a[contains(text(),'District Sector Scheme by UP Forest')]")).click();
System.out.println("District Sector Scheme by UP Forest page is displayed");
Thread.sleep(1000);
JavascriptExecutor js1=(JavascriptExecutor)w;
js1.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js1.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
//Thread.sleep(1000);
w.navigate().back();

```

TC_07: To check the functionality of Schemes button-3rd link.

```

w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
w.findElement(By.xpath("//a[contains(text(),'State Sector Scheme by UP Forest')]")).click();
System.out.println("State Sector Scheme by UP Forest page is displayed");
Thread.sleep(1000);
JavascriptExecutor js2=(JavascriptExecutor)w;
js2.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js2.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_08: To check the functionality of Schemes button-4th link.

```

w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
w.findElement(By.xpath("//a[contains(text(),'Information Education and Communication Scheme')]")).click();
System.out.println("Information Education and Communication Scheme page is displayed");
Thread.sleep(1000);
JavascriptExecutor js3=(JavascriptExecutor)w;
js3.executeScript("window.scrollTo(0, 1000)");
Thread.sleep(1000);
js3.executeScript("window.scrollTo(0, -1000)");
Thread.sleep(1000);
w.navigate().back();

```

TC_09: To check the functionality of Schemes button-5th link.

```

w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-3']")).click();
w.findElement(By.xpath("//a[contains(text(),'Desert Development Programme by Department of Land')]")).click();
System.out.println("Desert Development Programme by Department of Land Resources page is displayed");
w.navigate().back();

```

TC_10: To check the functionality of Open Data button.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-4']")).click();
```

TC_11: To check the functionality of Open Data-1st link.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-4']")).click();
w.findElement(By.xpath("//a[contains(text(),'Natural Landscape:Thane')]")).click();
System.out.println("Natural Landscape:Thane :");
```

```
Set <String> win=w.getWindowHandles();
Iterator <String> it=win.iterator();
String pw=it.next();
String cw=it.next();
```

```
w.switchTo().window(cw);
Thread.sleep(8000);
```

TC_12: To check the functionality of Home button.

```
//NATURAL LANDSCAPE-HOME
```

```
w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[1]/a[1]")).click();
System.out.println("Open Data Platform:India Smart Cities");
w.navigate().back();
```

TC_13: To check the functionality of Data_Catalogs button.

```
//NATURAL LANDSCAPE-DATA-CATALOGS
```

```
Actions a2=new Actions(w);
a2.moveToElement(w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[2]/a[1]"))).perform();
w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Catalogs page is displayed");
w.navigate().back();
```

TC_14: To check the functionality of Data_SearchbyCities button.

```
//NATURAL LANDSCAPE-DATA-SEARCH BY CITIES
```

```
Actions a3=new Actions(w);
a3.moveToElement(w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[2]/a[1]"))).perform();
w.findElement(By.xpath("//a[contains(text(),'Search by Cities')]")).click();
System.out.println("Cities page is displayed");
```

```
w.findElement(By.xpath("//div[contains(text(),'Agra')]")).click();
w.navigate().back();
w.navigate().back();
```

TC_15: To check the functionality of Data_SearchbySector button.

```
//NATURAL LANDSCAPE-DATA-SEARCH by SECTOR
```

```
Actions a4=new Actions(w);
a4.moveToElement(w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[2]/a[1]"))).perform();
w.findElement(By.xpath("//a[contains(text(),'Search by Sector')]")).click();
System.out.println("Sectors page is displayed");
w.findElement(By.xpath("//div[contains(text(),'Art and Culture')]")).click();
w.navigate().back();
w.navigate().back();
```

TC_16: To check the functionality of Cities button

```
//NATURAL LANDSCAPE-CITIES
```

```
w.findElement(By.xpath("//header/div[2]/div[1]/div[1]/div[4]/div[1]/ul[1]/li[3]/a[1]")).click();
System.out.println("Cities page is displayed");
w.navigate().back();
```

TC_17: To check the functionality of CDO button.

```
//NATURAL LANDSCAPE-CDO
```

```
w.findElement(By.xpath("//a[contains(text(),'CDO')]")).click();
System.out.println("Chief Data Officers page is displayed");
w.navigate().back();
```

TC_18: To check the functionality of Documents button.

```
//NATURAL LANDSCAPE-DOCUMENTS
```

```
w.findElement(By.xpath("//a[contains(text(),'Documents')]")).click();
System.out.println("Documents page is displayed");
//w.findElement(By.xpath("//div[contains(text(),'Help Documents')]")).click();
//JavascriptExecutor js4=(JavascriptExecutor)w;
//js4.executeScript("window.scrollTo(0,700)");
//Thread.sleep(1000);
//js4.executeScript("window.scrollTo(0, -700)");
//System.out.println("Help documents are listed");
w.navigate().back();
```

TC_19: To check the functionality of FAQ button.

//NATURAL LANDSCAPE-FAQ

```
w.findElement(By.xpath("//a[contains(text(),'FAQ')]")).click();
System.out.println("FAQs page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Q3) We are facing challenges in fetching data from')]")).click();
w.navigate().back();
w.switchTo().window(pw);
Thread.sleep(1000);
```

TC_20: To check the functionality of Open data-2nd link.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-4']")).click();
w.findElement(By.xpath("//a[contains(text(),'Open Spaces: Thane')]")).click();
System.out.println("Open Spaces: Thane page is displayed");
```

```
Set <String> wind=w.getWindowHandles();
Iterator <String> it1=win.iterator();
String pw1=it1.next();
String cw1=it1.next();
```

```
w.switchTo().window(cw1);
Thread.sleep(1000);
w.switchTo().window(pw1);
Thread.sleep(1000);
```

TC_21: To check the functionality of Open data-3rd link.

REGISTRATION BUTTON:

```
w.findElement(By.cssSelector("body.html.not-front.not-logged-in.no-sidebars.page-
node.page-node-.page-node-6819062.node-type-catalog.domain-data-gov-in.color-
standard.ogpl-processed1:nth-child(6) div.page-container div.container.page div.top-
wrapper:nth-child(1) div.header.clearfix div.region.region-header:nth-child(3) div.block.block-
common-utility:nth-child(2) div.block-content.content > a.user-Register-link.ext")).click();
```

```
w.findElement(By.xpath("//input[@id='edit-full-name']")).sendKeys("Ankita Thamke");
w.findElement(By.xpath("//input[@id='edit
email']")).sendKeys("ankitathamke143.at@gmail.com");
```

```
Select s1=new Select(w.findElement(By.xpath("//select[@id='edit-gateway-country']")));
s1.selectByVisibleText("India");
w.findElement(By.xpath("//input[@id='edit-number']")).sendKeys("9819798427");
Select s2=new Select(w.findElement(By.xpath("//select[@id='edit-links-fieldset-date']")));
s2.selectByVisibleText("21");
Select s3=new Select(w.findElement(By.xpath("//select[@id='edit-links-fieldset-month']")));
s3.selectByVisibleText("September");
Select s4=new Select(w.findElement(By.xpath("//select[@id='edit-links-fieldset-year']")));
```

```
s4.selectByVisibleText("1997");
Select s5=new Select(w.findElement(By.xpath("//select[@id='edit-gender']")));
s5.selectByVisibleText("Female");
w.findElement(By.xpath("//input[@id='edit-submit']")).click();
```

TC_22: To check the functionality of 'NDASP' button.

```
//RELEASED UNDER
w.findElement(By.xpath("//a[contains(text(),'National Data Sharing and Accessibility Policy (ND')]]")).click();
Set <String> wind2=w.getWindowHandles();
Iterator <String> it3=wind2.iterator();
String pw3=it3.next();
String cw3=it3.next();
Thread.sleep(1000);
w.switchTo().window(cw3);
Thread.sleep(1000);
//w.switchTo().window(pw3);
```

TC_23: To check the functionality of 'Annual Building Construction Cost index for Punjab' link.

```
//CONTRIBUTOR-PUNJAB PLANNING DEPARTMENT-1
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Annual Building Construction Cost index for Punjab')]")).click();
System.out.println("Annual Building Construction Cost index for Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_24: To check the functionality of 'District-wise Medical Termination of Pregnancies in Punjab' link.

```
//CONTRIBUTOR-PUNJAB PLANNING DEPARTMENT-2
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-container']/div[@id='page']/div[@id='columns']/div[@id='content-column']/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/h3[1]")).click();
System.out.println("District-wise Medical Termination of Pregnancies in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_24: To check the functionality of 'District-wise progress of Family Welfare Programme in Punjab' link.

```
//CONTRiBUTOR-PUNJAb PLANNING DEPARTMENT-3
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//a[contains(text(),'District-wise progress of Family Welfare Programme')]")).click();
System.out.println("District-wise progress of Family Welfare Programme in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_25: To check the functionality of 'District-wise Population Served per Institution and Bed, Area Covered per Institution and Bed in Punjab' link.

```
//CONTRiBUTOR-PUNJAb PLANNING DEPARTMENT-4
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[4]/div[1]/h3[1]/a[1]")).click();
System.out.println("District-wise Population Served per Institution and Bed, Area Covered per Institution and Bed in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_25: To check the functionality of 'Per Capita Annual Earning of Workers in Punjab' link.

```
//CONTRiBUTOR-PUNJAb PLANNING DEPARTMENT-5
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Per Capita Annual Earning of Workers in Punjab')]")).click();
System.out.println("Per Capita Annual Earning of Workers in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_26: To check the functionality of 'Annual Building Construction Cost index for Punjab' link.

//CONTRiBUTOR-DEPARTMENT OF ECONOMIC AND STATISTICAL ORGANIZATION-1

```
w.findElement(By.xpath("//a[contains(text(),'Department of Economic and Statistical
Organizatio')]")).click();
System.out.println("Department of Economic and Statistical Organization, Punjab page is
displayed");
w.findElement(By.xpath("//a[contains(text(),'Annual Building Construction Cost index for
Punjab')]")).click();
System.out.println("Annual Building Construction Cost index for Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_27: To check the functionality of 'District-wise Medical Termination of Pregnancies in Punjab' link.

//CONTRiBUTOR-DEPARTMENT OF ECONOMIC AND STATISTICAL ORGANIZATION-2

```
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/h3[1]"
)).click();
System.out.println("District-wise Medical Termination of Pregnancies in Punjab page is
displayed");
w.navigate().back();
w.navigate().back();
```

TC_28: To check the functionality of 'District-wise progress of Family Welfare Programme in Punjab' link.

//CONTRiBUTOR-DEPARTMENT OF ECONOMIC AND STATISTICAL ORGANIZATION-3

```
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//a[contains(text(),'District-wise progress of Family Welfare
Programme')]")).click();
System.out.println("District-wise progress of Family Welfare Programme in Punjab page is
displayed");
w.navigate().back();
w.navigate().back();
```

TC_28: To check the functionality of 'District-wise Population Served per Institution and Bed, Area Covered per Institution and Bed in Punjab' link.

//CONTRiBUTOR-DEPARTMENT OF ECONOMIC AND STATISTICAL ORGANIZATION-4

```
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]
/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[4]/div[1]/h3[1]/a[1]")).click();
System.out.println("District-wise Population Served per Institution and Bed, Area Covered per
Institution and Bed in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_29: To check the functionality of 'Per Capita Annual Earning of Workers in Punjab' link.

```
//CONTRIBUTOR-DEPARTMENT OF ECONOMIC AND STATISTICAL ORGANIZATION-5
w.findElement(By.xpath("//a[contains(text(),'Planning Department, Punjab')]")).click();
System.out.println("Planning Department, Punjab page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Per Capita Annual Earning of Workers in Punjab')]")).click();
System.out.println("Per Capita Annual Earning of Workers in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_29: To check the functionality of 'Employment in forestry in Punjab' link.

```
//GROUP:FOREST-1
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Forest page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Employment in forestry in Punjab')]")).click();
System.out.println("Employment in forestry in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_30: To check the functionality of 'Annual forest planting of major species in Punjab' link.

```
//GROUP:FOREST-2
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Forest page is displayed");
```

```
w.findElement(By.xpath("//a[contains(text(),'Annual forest planting of major species in Punjab')]")).click();
System.out.println("Annual forest planting of major species in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_30: To check the functionality of 'Area protected against fire and cattle grazing in Punjab' link.

```
//GROUP:FOREST-3
```

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]
/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[3]/div[1]/h3[1]/a[1]")).click();
System.out.println("Area protected against fire and cattle grazing in Punjab page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_31: To check the functionality of 'Minor forest produce in Punjab State Forest only page' link.

```
//GROUP:FOREST-4
```

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Forest page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Minor forest produce in Punjab State Forest
only')]")).click();
System.out.println("Minor forest produce in Punjab State Forest only page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_32: To check the functionality of 'Major forest produce in Punjab State Forest only' link.

```
//GROUP:FOREST-5
```

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-  
container']/div[@id='page']/div[@id='columns']/div[@id='content-  
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[  
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
```

```

System.out.println("Forest page is displayed");
w.findElement(By.xpath("//a[contains(text(),'Major forest produce in Punjab State Forest only')]")).click();
System.out.println("Major forest produce in Punjab State Forest only page is displayed");
w.navigate().back();
w.navigate().back();

```

TC_33: To check the functionality of 'State-wise Elephant Deaths Due to Electrocution' link.

```

//SECTORS-ENVIRONMENT AND FOREST-1
w.findElement(By.xpath("//a[contains(text(),'Environment and Forest')]")).click();
System.out.println("Environment and Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/h3[1]/a[1]")).click();
System.out.println("State-wise Elephant Deaths Due to Electrocution from 2016-17 to 2018-19 (From: Ministry of Environment, Forest and Climate Change) page is displayed");
w.navigate().back();
w.navigate().back();

```

TC_34: To check the functionality of 'District-wise Status of Installation of OCEMS' link.

```

//SECTORS-ENVIRONMENT AND FOREST-2
w.findElement(By.xpath("//a[contains(text(),'Environment and Forest')]")).click();
System.out.println("Environment and Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[3]/div[1]/h3[1]/a[1]")).click();
System.out.println("District-wise Status of Installation of OCEMS page is displayed");
w.navigate().back();
w.navigate().back();

```

TC_35: To check the functionality of 'District-wise Status of Installation of OCEMS' link.

```

//SECTORS-ENVIRONMENT AND FOREST-3
w.findElement(By.xpath("//a[contains(text(),'Environment and Forest')]")).click();
System.out.println("Environment and Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[4]/div[1]/h3[1]/a[1]")).click();
System.out.println("State/UT-wise Forest Cover as per ISFR during 2017 and 2019 (From: Ministry of Environment, Forest and Climate Change) page is displayed");
w.navigate().back();
w.navigate().back();

```

TC_36: To check the functionality of 'State/UT-wise Afforestation Status from 2014-15 to 2018-19' link.

```
//SECTORS-ENVIRONMENT AND FOREST-4
```

```
w.findElement(By.xpath("//a[contains(text(),'Environment and Forest')]")).click();
System.out.println("Environment and Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[5]/div[1]/h3[1]/a[1]")).click();
System.out.println("State/UT-wise Afforestation Status from 2014-15 to 2018-19 (From: Ministry of Environment, Forest and Climate Change) page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_37: To check the functionality of 'State/UT-wise Forest area Diverted for Non-Forest from 2014-15 to 2018-19' link.

```
//SECTORS-ENVIRONMENT AND FOREST-5
```

```
w.findElement(By.xpath("//a[contains(text(),'Environment and Forest')]")).click();
System.out.println("Environment and Forest page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[6]/div[1]/h3[1]/a[1]")).click();
System.out.println("State/UT-wise Forest area Diverted for Non-Forest from 2014-15 to 2018-19 (From: Ministry of Environment, Forest and Climate Change) page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_38: To check the functionality of 'Open Government Data Portal Punjab' link.

```
//SOURCE:OPEN GOVERNMENT DATA PORTAL PUNJAB
```

```
w.findElement(By.xpath("//a[contains(text(),'Open Government Data Portal Punjab')]")).click();
w.navigate().back();
```

```
System.out.println("QUICK LINKS:");
```

TC_39: To check the functionality of 'Catalog' button.

```
//QUICK LINKS-CATALOG
```

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'CATALOG')]")).click();
System.out.println("Catalog page is displayed");
w.navigate().back();
```


TC_40: To check the functionality of 'Sectors' button.

//QUICK LINKS-SECTORS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'SECTORS')]")).click();
System.out.println("Sectors page is displayed");
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/ul[1]/li[1]/div[
1]/span[1]/a[2]")).click();
System.out.println("Census and Survey page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_41: To check the functionality of 'Events' button.

//QUICK LINKS-EVENTS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'EVENTS')]")).click();
System.out.println("Events page is displayed");
w.navigate().back();
```

TC_42: To check the functionality of 'CDO' button.

//QUICK LINKS-CDO

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'CHIEF DATA OFFICERS')]")).click();
System.out.println("Chief Data Officers page is displayed");
Thread.sleep(1000);
w.navigate().back();
```

TC_43: To check the functionality of 'Apps Gallery' button.

//QUICKS LINK-APPS GALLERY

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'APPS GALLERY')]")).click();
System.out.println("Apps page is displayed");
w.navigate().back();
```

TC_44: To check the functionality of 'Metrics' button.

//QUICK LINKS-METRICS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'METRICS')]")).click();
System.out.println("Central Publication Metrics page is displayed");
```

```
w.findElement(By.xpath("//a[contains(text(),'Department of Health and Family Welfare')]")).click();
w.navigate().back();
w.navigate().back();
```

TC_45: To check the functionality of 'Suggestions' button.

//QUICK LINKS-SUGGESTIONS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'SUGGESTIONS')]")).click();
System.out.println("Recent Suggestions page is displayed");
w.navigate().back();
```

TC_46: To check the functionality of 'Announcements' button.

//QUICK LINKS-ANNOUNCEMENTS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'ANNOUNCEMENTS')]")).click();
System.out.println("Announcements page is displayed");
w.navigate().back();
```

TC_47: To check the functionality of 'Communities' button.

//QUICK LINKS-COMMUNITIES

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'COMMUNITIES')]")).click();
System.out.println("COMMUNITIES page is displayed");
w.navigate().back();
```

TC_48: To check the functionality of 'Visualization' button.

//QUICK LINKS-VISUALIZATION

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'VISUALIZATION')]")).click();
System.out.println("Visualization page is displayed");
```

```
System.out.println("ASSISTIVE LINKS:");
```

TC_49: To check the functionality of 'About Portal' button.

//ASSISTIVE LINKS-ABOUT PORTAL

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
System.out.println("Quick Link and Assisstive Links page is displayed");
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-container']/div[@id='page']/div[@id='mega-container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[1]/a[1]")).click();
```

```

System.out.println("About Open Government Data (OGD) Platform India page is displayed");
JavascriptExecutor js5=(JavascriptExecutor)w;
js5.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js5.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_50: To check the functionality of 'BLOG' button.

```

//ASSISTIVE LINKS-BLOG
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//a[contains(text(),'Blog')]")).click();
System.out.println("Blog page is displayed");
JavascriptExecutor js6=(JavascriptExecutor)w;
js6.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js6.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_51: To check the functionality of 'Tell A Friend' button.

```

//ASSISTIVE LINKS-TELL A FRIEND
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[5]/a[1]")).click();
System.out.println("Tell a Friend page is displayed");
w.navigate().back();

```

TC_52: To check the functionality of 'Accessibility Statement' button.

```

//ASSISTIVE LINKS-ACCESSIBILITY STATEMENT
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[7]/a[1]")).click();
System.out.println("Accessibility Statement page is displayed");
JavascriptExecutor js7=(JavascriptExecutor)w;
js7.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js7.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_53: To check the functionality of 'Policies' button.

//ASSISTIVE LINKS-POLICIES

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[9]/a[1]")).click();
System.out.println("Policies page is displayed");
JavascriptExecutor js8=(JavascriptExecutor)w;
js8.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js8.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();
```

TC_54: To check the functionality of 'FAQs' button.

//ASSISTIVE LINKS-FAQS

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[2]/a[1]")).click();
System.out.println("Frequently Asked Questions page is displayed");
w.findElement(By.xpath("//a[contains(text(),'How datasets are identified?')]")).click();
JavascriptExecutor js11=(JavascriptExecutor)w;
js11.executeScript("window.scrollTo(0, 300)");
Thread.sleep(5000);
js11.executeScript("window.scrollTo(0, -300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_55: To check the functionality of 'Open Data Sites' button.

//ASSISTIVE LINKS-OPEN DATA SITES

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[4]/a[1]")).click();
System.out.println("Open Data Sites page is displayed");
w.navigate().back();
```

TC_56: To check the functionality of 'Terms Of Use' button.

//ASSISTIVE LINKS-TERMS OF USE

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[6]/a[1]")).click();
```

```

System.out.println("Terms of Use page is displayed");
JavascriptExecutor js9=(JavascriptExecutor)w;
js9.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js9.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_57: To check the functionality of 'Connect With Us' button.

```

//ASSISTIVE LINKS-CONNECT WITH US
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[8]/a[1]")).click();
System.out.println("Connect With Us page is displayed");
w.navigate().back();

```

TC_58: To check the functionality of 'Help' button.

```

//ASSISTIVE LINKS-HELP
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[10]/a[1]")).click();
System.out.println("Open Government Data Platform Help page is displayed");
JavascriptExecutor js10=(JavascriptExecutor)w;
js10.executeScript("window.scrollTo(0, document.body.scrollHeight)");
Thread.sleep(1000);
js10.executeScript("window.scrollTo(document.body.scrollHeight, 0)");
w.navigate().back();

```

TC_59: To check the functionality of 'Link To Us' button.

```

//ASSISTIVE LINKS-LINK TO US
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[11]/a[1]")).click();
System.out.println("Link To Us page is displayed");
w.navigate().back();

```

TC_60: To check the functionality of 'Newsletter' button.

```

//ASSISTIVE LINKS-NEWSLETTER

```

```
w.findElement(By.xpath("//a[@id='mega-menu-selector']")).click();
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='mega-
container']/div[1]/div[2]/div[1]/div[1]/div[1]/ul[1]/li[12]/a[1]")).click();
w.findElement(By.xpath("//tbody/tr[1]/td[1]/div[1]/div[1]/a[1]/img[1]")).click();
System.out.println("Newsletter September 2020 page is displayed");
w.navigate().back();
```

TC_61: To check the functionality of Open Data-4th link.

//OPEN DATA-4

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-4']")).click();
w.findElement(By.xpath("//a[contains(text(),'More...')]")).click();
System.out.println("Catalogs page is displayed");
Set <String> win3=w.getWindowHandles();
Iterator <String> it4=win3.iterator();
String pw4=it4.next();
String cw4=it4.next();

w.switchTo().window(cw4);
Thread.sleep(3000);
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[9]/div[1]/div[1]/section[1]
/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[1]/div[2]/div[1]/div[1]/span[1]/a[1]")).click
();
```

TC_62: To check the functionality of 'Contributor-1st' link.

//CONTRIBUTOR-MINISTRY OF ENVIRONMENT,FOREST AND CLIMATE CHANGE-1

```
w.findElement(By.xpath("//a[contains(text(),'Ministry of Environment, Forest and Climate
Change')]")).click();
System.out.println("Ministry of Environment, Forest and Climate Change:");
w.findElement(By.xpath("//a[contains(text(),'Real time Air Quality Index from various
locations')]")).click();
System.out.println("Real time Air Quality Index from various locations page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_63: To check the functionality of 'Contributor-2nd' link.

//CONTRIBUTOR-MINISTRY OF ENVIRONMENT,FOREST AND CLIMATE CHANGE-2

```
w.findElement(By.xpath("//a[contains(text(),'Ministry of Environment, Forest and Climate
Change')]")).click();
w.findElement(By.xpath("//a[contains(text(),'Water Quality in India - 2014')]")).click();
System.out.println("Water Quality in India - 2014 page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_64: To check the functionality of 'Contributor-3rd' link.

```
//CONTRIBUTOR-MINISTRY OF ENVIRONMENT,FOREST AND CLIMATE CHANGE-3
w.findElement(By.xpath("//a[contains(text(),'Ministry of Environment, Forest and Climate Change')]")).click();
w.findElement(By.xpath("//a[contains(text(),'Water Quality in India - 2013')]")).click();
System.out.println("Water Quality in India - 2013 page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_65: To check the functionality of 'Contributor-4th' link.

```
//CONTRIBUTOR-MINISTRY OF ENVIRONMENT,FOREST AND CLIMATE CHANGE-4
w.findElement(By.xpath("//a[contains(text(),'Ministry of Environment, Forest and Climate Change')]")).click();
w.findElement(By.xpath("//a[contains(text(),'Historical Daily Ambient Air Quality Data')]")).click();
System.out.println("Historical Daily Ambient Air Quality Data page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_66: To check the functionality of 'Contributor-5th' link.

```
//CONTRIBUTOR-MINISTRY OF ENVIRONMENT,FOREST AND CLIMATE CHANGE-5
w.findElement(By.xpath("//a[contains(text(),'Ministry of Environment, Forest and Climate Change')]")).click();
w.findElement(By.xpath("//a[contains(text(),'Sameer (National Air Quality Index)')]")).click();
System.out.println("Sameer (National Air Quality Index) page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_67: To check the functionality of 'Groups:Water Quality' link.

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-container']/div[@id='page']/div[@id='columns']/div[@id='content-column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
```

TC_68: To check the functionality of 'Groups:Water Quality-1st' link.

```
//GROUPS:WATER QUALITY-1
```

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Water Quality:");
w.findElement(By.xpath("//a[contains(text(),'Water Quality in India - 2014')]")).click();
System.out.println("Water Quality in India - 2014 page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_69: To check the functionality of 'Groups:Water Quality-2nd' link.

//GROUPS:WATER QUALITY-2

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Water Quality in India - 2013')]")).click();
System.out.println("Water Quality in India - 2013 page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_70: To check the functionality of 'Groups:Water Quality-3rd' link.

//GROUPS:WATER QUALITY-3

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[
2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
System.out.println("Water Quality page is displayed");
w.findElement(By.xpath("/html[1]/body[1]/div[1]/div[1]/div[1]/div[7]/div[1]/div[1]/section[1]
/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/h3[1]/a[1]")).click();
System.out.println("Water Quality in India - 2013 page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_71: To check the functionality of 'Groups:Water Quality-4th' link.

//GROUPS:WATER QUALITY-4

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-
container']/div[@id='page']/div[@id='columns']/div[@id='content-
```



```
column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Bio Monitoring Field Protocol')]")).click();
System.out.println("Bio Monitoring Field Protocol page is displayed");
w.navigate().back();
w.navigate().back();
```

TC_72: To check the functionality of 'Groups:Water Quality-5th link.

```
//GROUPS:WATER QUALITY-5
```

```
w.findElement(By.xpath("//body/div[@id='main-wrapper']/div[@id='page-container']/div[@id='page']/div[@id='columns']/div[@id='content-column']/div[2]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/article[1]/div[1]/div[1]/div[1]/div[2]/ul[1]/li[4]/span[2]/ul[1]/li[1]/a[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Ganga Shravan Abhiyaan')]")).click();
System.out.println("Ganga Shravan Abhiyaan page is displayed");
w.navigate().back();
w.navigate().back();
```

```
w.switchTo().window(pw4);
```

TC_73: To check the functionality of Services button.

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
```

TC_74: To check the functionality of Services-1st link.

```
//SERVICES-1
```

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Nagari Municipal Corpo')]")).click();
JavascriptExecutor ex1=(JavascriptExecutor)w;
ex1.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
Thread.sleep(2000);
```

TC_75: To check the functionality of Services-2nd link.

//SERVICES-2

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Markapur Municipal Cor')]")).click();
JavascriptExecutor ex2 =(JavascriptExecutor)w;
ex2.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_76: To check the functionality of Services-3rd link.

//SERVICES-3

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Mangalagiri Municipal ')]")).click();
JavascriptExecutor ex3 =(JavascriptExecutor)w;
ex3.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_77: To check the functionality of Services-4th link.

//SERVICES-4

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Macherla Municipal Cor')]")).click();
JavascriptExecutor ex4 =(JavascriptExecutor)w;
ex4.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_78: To check the functionality of Services-5th link.

//SERVICES-5

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[1]")).click();
```

```
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Kovvur Municipal
Corpo')]")).click();
JavascriptExecutor ex5 =(JavascriptExecutor)w;
ex5.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_79: To check the functionality of Services-6th link.

//SERVICES-6

```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/
div[1]/div[1]/ul[1]/li[1]")).click();
w.findElement(By.xpath("//a[contains(text(),'Tree Felling Permission for Kavali Municipal
Corpo')]")).click();
JavascriptExecutor ex6 =(JavascriptExecutor)w;
ex6.executeScript("window.scrollTo(0,300)");
Thread.sleep(2000);
w.navigate().back();
```

TC_80: To check the functionality of Documents button.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
```

TC_81: To check the functionality of Documents-1st link.

//DOCUMENTS-1

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//a[contains(text(),'Detailed Demands for Grants, Ministry of Water
Res')]")).click();
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/
div[1]/div[1]/ol[1]/li[1]/h3[1]/a[1]")).click();
Thread.sleep(2000);
w.navigate().back();
w.navigate().back();
```

TC_82: To check the functionality of Documents-2nd link.

//DOCUMENTS-2

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//a[contains(text(),'Demands for Grants, Ministry of Environment,
Fores')]")).click();
System.out.println("Demands for Grants, Ministry of Environment, Forest and Climate Change
page is displayed");
Thread.sleep(2000);w.navigate().back();
```

TC_83: To check the functionality of Documents-3rd link.

//DOCUMENTS-3

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//a[contains(text(),'Demand for Grants, Ministry of Environment &
Fores')]")).click();
System.out.println("Demand for Grants, Ministry of Environment & Forests is displayed");
Thread.sleep(2000);
w.navigate().back();
```

TC_84: To check the functionality of Documents-4th link.

//DOCUMENTS-4

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[3]/div[1]/div[1]/
div[1]/div[2]/div[2]/div[1]/div[1]/div[1]/div[1]/div[1]/ul[1]/li[4]/div[1]/span[1]/a[1]")).cli
ck();
System.out.println("E-book of Ministry of Water Resources River Development and Ganga
Rejuvenation page is displayed");
Thread.sleep(2000);
w.navigate().back();
```

TC_85: To check the functionality of Documents-5th link.

//DOCUMENTS-5

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//a[contains(text(),'Reports on Tiger in India by Wildlife Institute
of')]")).click();
System.out.println("Reports on Tiger in India by Wildlife Institute of India");
Thread.sleep(2000);
w.navigate().back();
```

TC_86: To check the functionality of Forms button.

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
```

TC_87: To check the functionality of Forms-1st link.

//FORMS-1

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-1']")).click();
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-2']")).click();
w.findElement(By.xpath("//a[contains(text(),'Send your feedback to ENVIS Centre of
Nagaland')]")).click();
System.out.println("Send your feedback to ENVIS Centre of Nagaland");
```

```
Thread.sleep(2000);
w.navigate().back();
```

TC_88: To check the functionality of Forms-2nd link.

//FORMS-2

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-2']")).click();
w.findElement(By.xpath("//a[contains(text(),'Write your feedback for Forest Department of Madhy')]")).click();
System.out.println("Write your feedback for Forest Department of Madhya Pradesh");
Thread.sleep(2000);
w.navigate().back();
```

TC_89: To check the functionality of Forms-3rd link.

//FORMS-3

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-2']")).click();
w.findElement(By.xpath("//a[contains(text(),'Write to Ministry of Environment and Forests')]")).click();
System.out.println("Write to Ministry of Environment and Forests");
Thread.sleep(2000);
w.navigate().back();
```

TC_90: To check the functionality of Forms-4th link.

//FORMS-4

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-2']")).click();
w.findElement(By.xpath("//a[contains(text(),'Ministry of Earth Sciences seminars application fo')]")).click();
System.out.println("Ministry of Earth Sciences seminars application form ");
Thread.sleep(2000);
w.navigate().back();
```

TC_91: To check the functionality of Forms-5th link.

//FORMS-5

```
w.findElement(By.xpath("//a[@id='quicktabs-tab-relevant_links_in-2']")).click();
w.findElement(By.xpath("//a[contains(text(),'Post comments for Andhra Pradesh Water Sector Impr')]")).click();
System.out.println("Post comments for Andhra Pradesh Water Sector Improvement Project ");
Thread.sleep(2000);
w.navigate().back();
```

```
System.out.println("Environment & Forest:");
```

TC_92: To check the functionality of 'Environment & Forest-1st' link.

//ENVIRONEMNT AND FOREST-1

```
w.findElement(By.xpath("//*[@id=\"leftside-bar\"]/ul/li[1]/a")).click();
System.out.println("Environment page is displayed ");
Select s1=new Select(w.findElement(By.xpath("//select[@id='edit-sort-by']")));
s1.selectByVisibleText("Most Updated");
JavascriptExecutor js12=(JavascriptExecutor)w;
js12.executeScript("window.scrollTo(0 ,document.body.scrollHeight)");
Thread.sleep(1000);
js12.executeScript("window.scrollTo(document.body.scrollHeight ,0)");
w.navigate().back();
```

TC_93: To check the functionality of 'Environment & Forest-2nd' link.

//ENVIRONMENT AND FOREST-2

```
w.findElement(By.xpath("//*[@id=\"leftside-bar\"]/ul/li[2]/a")).click();
System.out.println("Forest page is displayed");
Select s2=new Select(w.findElement(By.xpath("//select[@id='edit-sort-by']")));
s2.selectByVisibleText("Most Recent");
JavascriptExecutor js13=(JavascriptExecutor)w;
js13.executeScript("window.scrollTo(0 ,document.body.scrollHeight)");
Thread.sleep(1000);
js13.executeScript("window.scrollTo(document.body.scrollHeight ,0)");
w.navigate().back();
```

TC_94: To check the functionality of 'Environment & Forest-3rd' link.

//ENVIRONMENT AND FOREST-3

```
w.findElement(By.xpath("//*[@id=\"leftside-bar\"]/ul/li[3]/a")).click();
System.out.println("Natural Resources page is displayed");
Select s3=new Select(w.findElement(By.xpath("//select[@id='edit-sort-by']")));
s3.selectByVisibleText("Most Updated");
JavascriptExecutor js14=(JavascriptExecutor)w;
js14.executeScript("window.scrollTo(0 ,document.body.scrollHeight)");
Thread.sleep(1000);
js14.executeScript("window.scrollTo(document.body.scrollHeight ,0)");
w.navigate().back();
```

TC_95: To check the functionality of 'Environment & Forest-4th' link.

//ENVIRONMENT AND FOREST-4

```
w.findElement(By.xpath("//*[@id=\"leftside-bar\"]/ul/li[4]/a")).click();
System.out.println("Wildlife page is displayed");
Select s4=new Select(w.findElement(By.xpath("//select[@id='edit-sort-by']")));
s4.selectByVisibleText("Most Recent");
JavascriptExecutor js15=(JavascriptExecutor)w;
js15.executeScript("window.scrollTo(0 ,700)");
Thread.sleep(1000);
js15.executeScript("window.scrollTo(0 ,-700)");
w.navigate().back();

System.out.println("Most Viewed:");
```

TC_96: To check the functionality of 'Most Viewed-1st' link.

```
//MOST VIEWED-1
```

```
w.findElement(By.linkText("National Tiger Conservation Authority")).click();
System.out.println("National Tiger Conservation Authority's Related links page is displayed ");
Thread.sleep(3000);
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/section[1]/div[1]/div
[1]/div[1]/div[1]/ol[1]/li[1]/ul[1]/li[4]/form[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[5]/a[1]")).c
lick();
w.navigate().back();
```

TC 97: To check the functionality of 'Most Viewed-2nd' link.

```
//MOST VIEWED-2
```

```
w.findElement(By.xpath("//*[@id=\"block-system-  
main\"]/div/div[3]/div/div[1]/div/div/div/div[2]/div/ul/li[2]/div/span/a")).click();  
System.out.println("Website of Central Pollution Control Board's Related links page is displayed  
");  
Thread.sleep(3000);  
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-  
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]  
/div[1]/div[1]/div[1]/ol[1]/li[1]/ul[1]/li[4]/form[1]/div[1]/div[1]/div[1]/div[1]/div[6]/a[1]")).c  
lick();  
w.navigate().back();
```

TC 98: To check the functionality of 'Most Viewed-3rd' link.

```
//MOST VIEWED-3
```

```
w.findElement(By.xpath("//*[@id=\"block-system-  
main\"]/div/div[3]/div/div[1]/div/div/div/div[2]/div/ul/li[3]/div/span/a")).click();  
System.out.println("Information on acts and rules of Department of Land Resources's Related  
links page is displayed ");  
JavascriptExecutor js17=(JavascriptExecutor)w;  
js17.executeScript("window.scrollTo(0,1000)");  
Thread.sleep(1000);  
js17.executeScript("window.scrollTo(0, -1000)");  
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-  
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/section[1]/div[1]/div  
[1]/div[1]/div[1]/ol[1]/li[6]/ul[1]/li[4]/form[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[3]/a[1]")).c  
lick();  
w.navigate().back();
```

TC_99: To check the functionality of 'Most Viewed-4th' link.

[illegible]

TC 100: To check the functionality of 'Most Viewed-5th' link.

```
//MOST VIEWED-5  
w.findElement(By.xpath("/html[1]/body[1]/div[2]/main[1]/div[2]/div[1]/section[1]/div[1]/div[1]  
/div[1]/div[1]/div[3]/div[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/ul[1]/li[5]/div[1]/span[1]  
/a[1]")).click();  
System.out.println("Website of the Ministry of Mines Related links page is displayed");  
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-  
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[1]  
/div[1]/div[1]/ol[1]/li[2]/ul[1]/li[4]/form[1]/div[1]/div[1]/div[1]/div[1]/div[1]/div[5]/a[1]")).  
lick();  
w.navigate().back();  
  
System.out.println("What's New:");
```

TC 101: To check the functionality of 'What's New-1st' link.

//WHAT'S NEW-1

```
w.findElement(By.xpath("//*[@id=\"block-system-main\"]/div/div[3]/div/div[3]/div/div/div/div[2]/div/ul/li[1]/div/span/a")).click();
System.out.println(w.getTitle());
System.out.println("National Biodiversity Authority page is displayed");
w.navigate().back();
```

TC_102: To check the functionality of 'What's New-2nd' link.

//WHAT'S NEW-2

```
w.findElement(By.xpath("//*[@id=\"block-system-main\"]/div/div[3]/div/div[3]/div/div/div/div[2]/div/ul/li[2]/div/span/a")).click();
System.out.println(w.getCurrentUrl());
System.out.println("Website of Forest Department of Telangana Government's page is displayed");
w.navigate().back();
```

TC_103: To check the functionality of 'What's New-3rd' link.

//WHAT'S NEW-3

```
w.findElement(By.xpath("//*[@id=\"block-system-main\"]/div/div[3]/div/div[3]/div/div/div/div[2]/div/ul/li[3]/div/span/a")).click();
System.out.println("National Clean Development Mechanism (CDM) Authority page is displayed");
JavascriptExecutor js18=(JavascriptExecutor)w;
js18.executeScript("window.scrollTo(0,300)");
Thread.sleep(1000);
js18.executeScript("window.scrollTo(0, -300)");
w.navigate().back();
```

TC_104: To check the functionality of 'What's New-4th' link.

//WHAT'S NEW-4

```
w.findElement(By.xpath("//*[@id=\"block-system-main\"]/div/div[3]/div/div[3]/div/div/div/div[2]/div/ul/li[4]/div/span/a")).click();
System.out.println("E-book of Ministry of Water Resources River Development and Ganga Rejuvenation page is displayed");
JavascriptExecutor js19=(JavascriptExecutor)w;
js19.executeScript("window.scrollTo(0,700)");
Thread.sleep(1000);
js19.executeScript("window.scrollTo(0, -700)");
w.navigate().back();
```

TC_105: To check the functionality of 'What's New-5th' link.

//WHAT'S NEW-5

```
w.findElement(By.xpath("//*[@id=\"block-system-
main\"]/div/div[3]/div/div[3]/div/div/div/div[2]/div/ul/li[5]/div/span/a")).click();
System.out.println("Website of Department of Tourism of West Bengal");
w.navigate().back();
```

TC_106: To check the functionality of 'View Profile' button.

```
//MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE
System.out.println("Cabinet Minister:Shri Prakash Javadekar");
w.findElement(By.xpath("//a[contains(text(),'View Profile')]"));
System.out.println(w.getTitle());
w.navigate().back();
```

TC_107: To check the functionality of 'View Website' button.

```
//WEBSITE
w.findElement(By.xpath("//a[contains(text(),'View Website')]")).click();
System.out.println(w.getTitle());
Set <String> win4=w.getWindowHandles();
Iterator <String> it5=win4.iterator();
String pw5=it5.next();
String cw5=it5.next();

w.switchTo().window(cw5);
Thread.sleep(3000);
w.close();
w.switchTo().window(pw5);
```

TC_108: To check the functionality of 'Important Links-1st' link.

```
//IMPORTANT LINKS-1
w.findElement(By.xpath("//*[@id=\"block-system-
main\"]/div/div[2]/div/div[5]/div/div/div/div/div/div/div/span/div[2]/div[3]/ul/li[1]/a")).click();
System.out.println("Website of Ministry of Environment and Forests");
w.navigate().back();
Thread.sleep(2000);
```

TC_109: To check the functionality of 'Important Links-2nd' link.

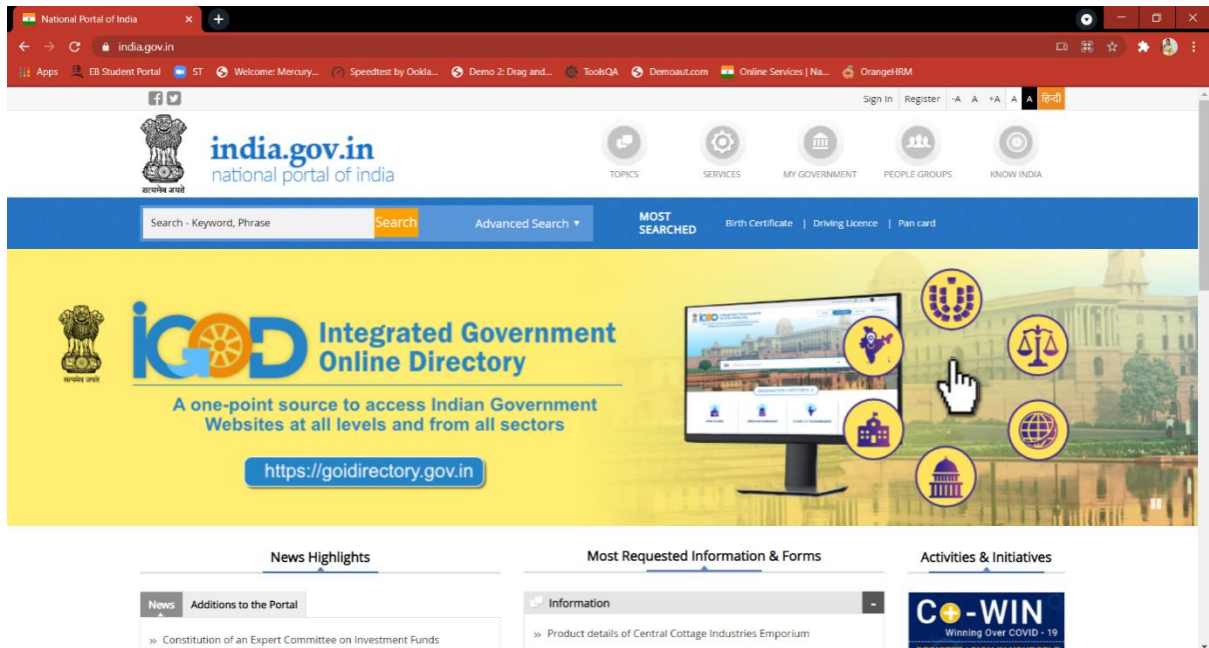
```
w.findElement(By.xpath("//*[@id=\"block-system-
main\"]/div/div[2]/div/div[5]/div/div/div/div/div/div/div/span/div[2]/div[3]/ul/li[2]")).click();
System.out.println("Website of National Green Tribunal");
w.navigate().back();
Thread.sleep(2000);
```

TC_110: To check the functionality of 'Important Links-3rd' link.

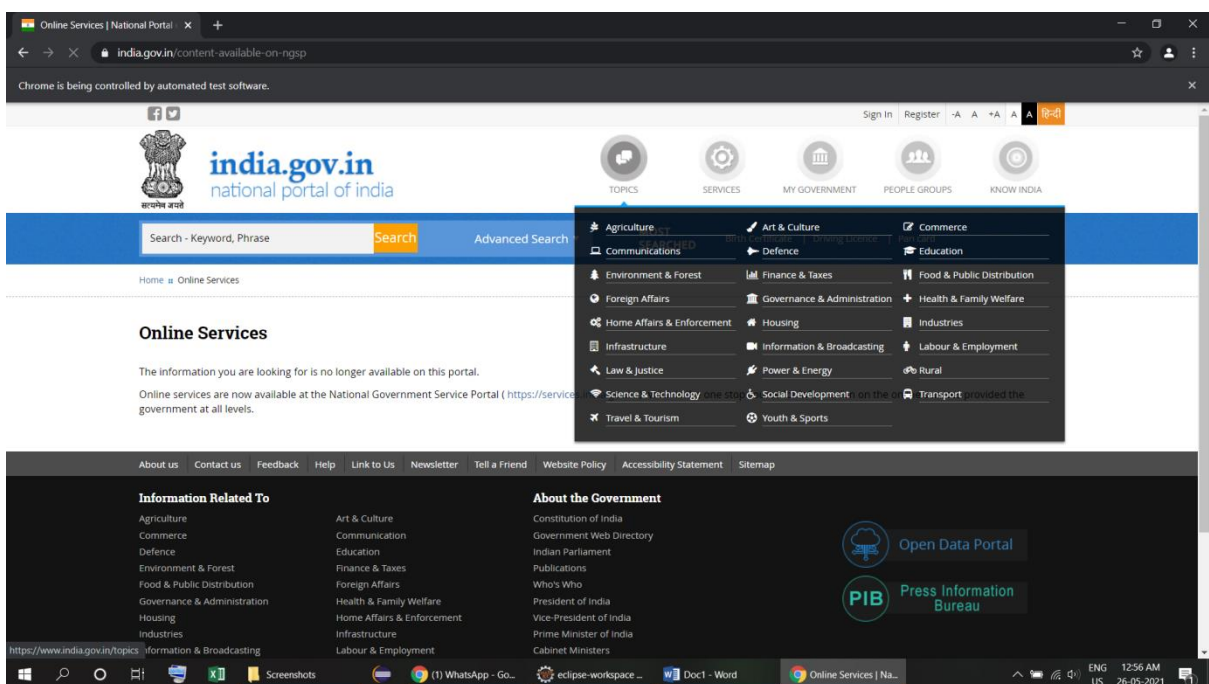
```
w.findElement(By.xpath("//body/div[@id='main']/main[@id='content-  
column']/div[2]/div[1]/section[1]/div[1]/div[1]/div[1]/div[1]/div[2]/div[1]/div[5]/div[1]/div[1]/  
div[1]/div[1]/div[1]/div[1]/span[1]/div[2]/div[3]/ul[1]/li[3]/a[1]")).click();  
System.out.println("Website of Central Pollution Control Board");  
w.navigate().back();  
Thread.sleep(2000);  
w.close();  
}  
}  
}  
}
```

SCREENSHOTS

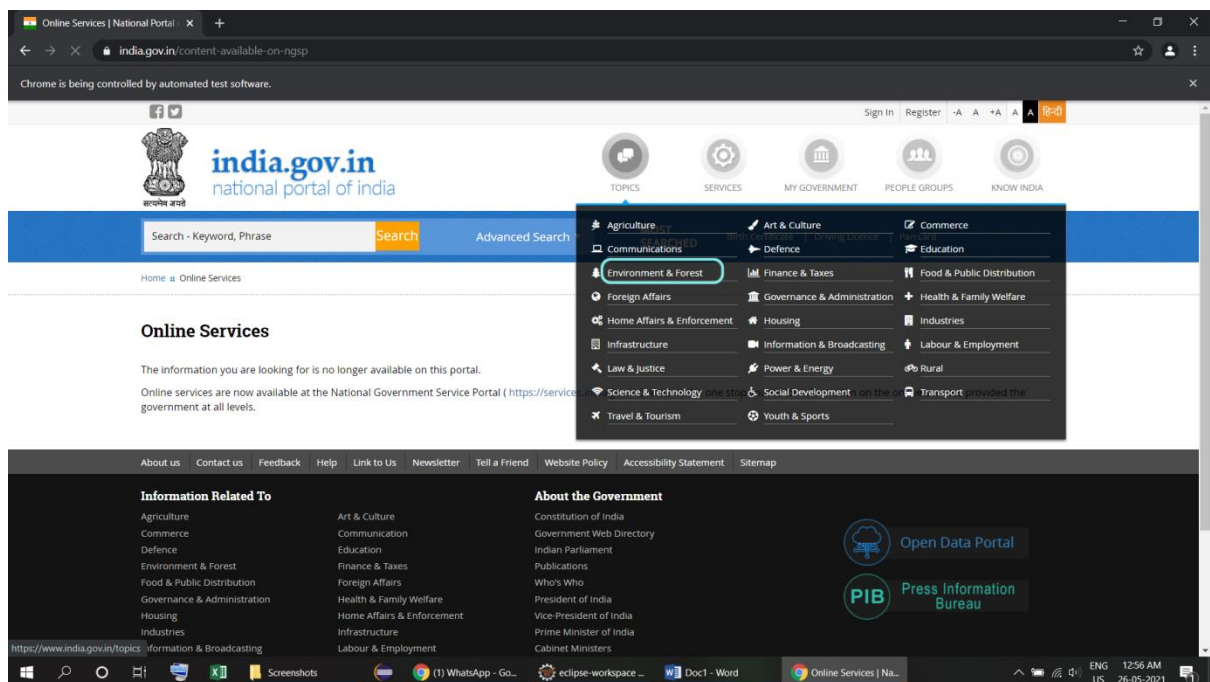
Tc_01: LAUNCH THE BROWSER.



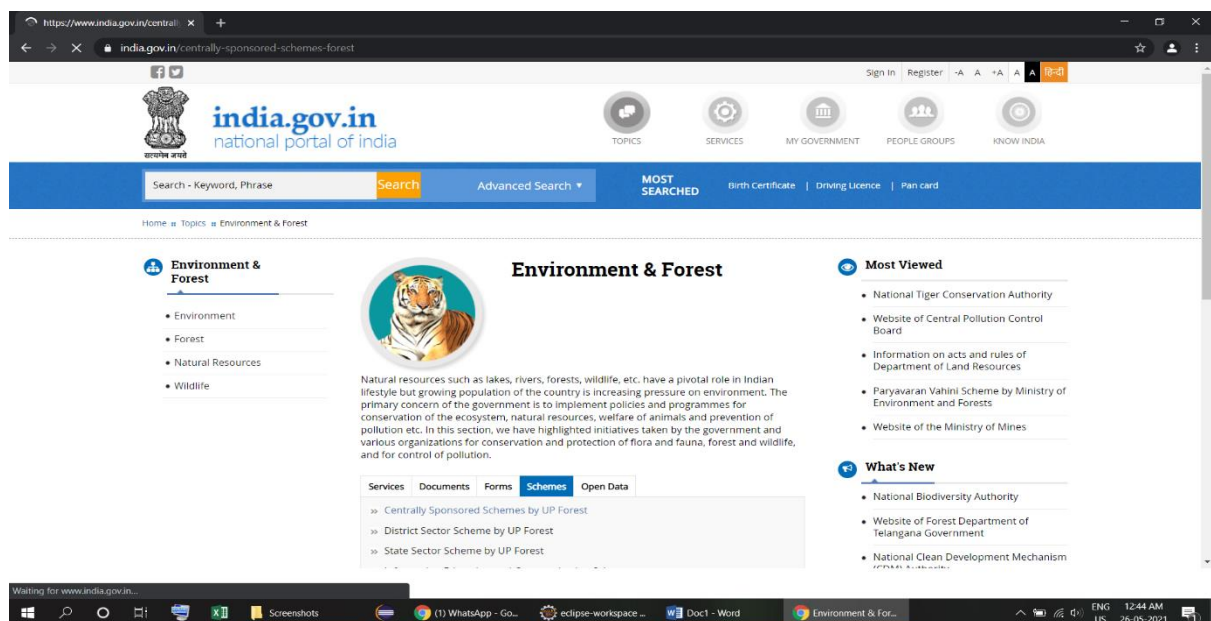
Tc_02: CHECK THE FUNCTIONALITY OF TOPICS TAB.



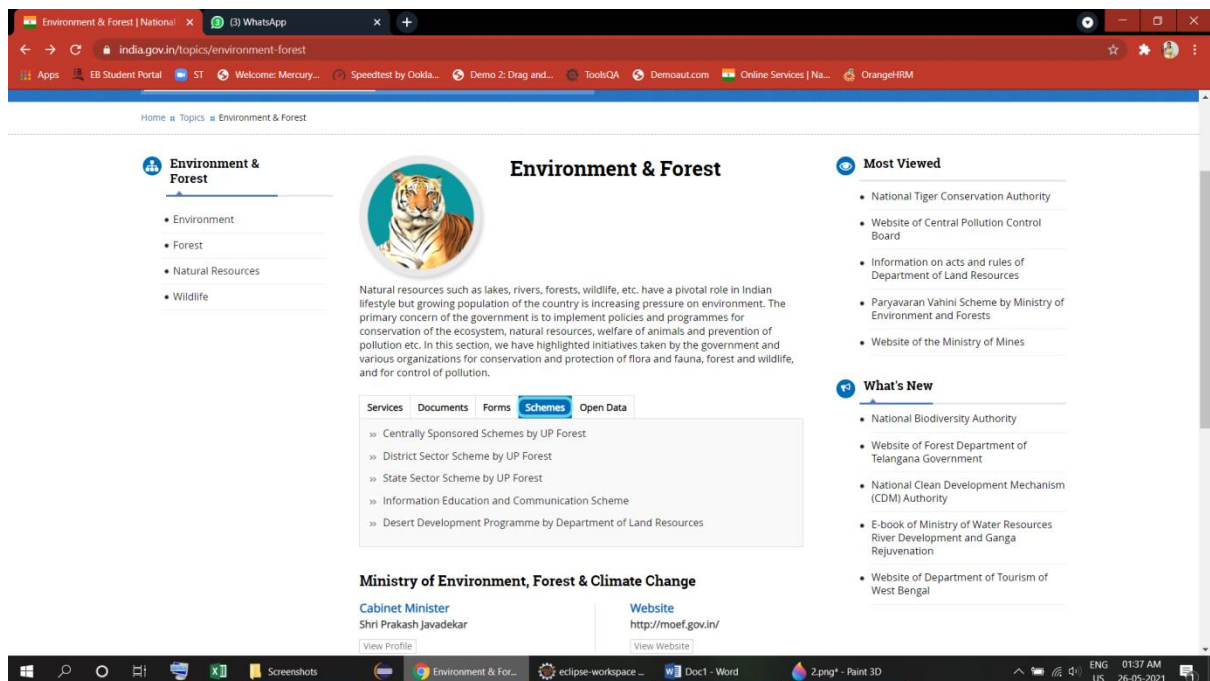
Tc_03: TO CHECK THE FUNCTIONALITY OF ENVIRONMENT AND FOREST TAB.



ENVIRONMENT AND FOREST PAGE IS DISPLAYED.



Tc_04: To check the functionality of SCHEMES BUTTON.



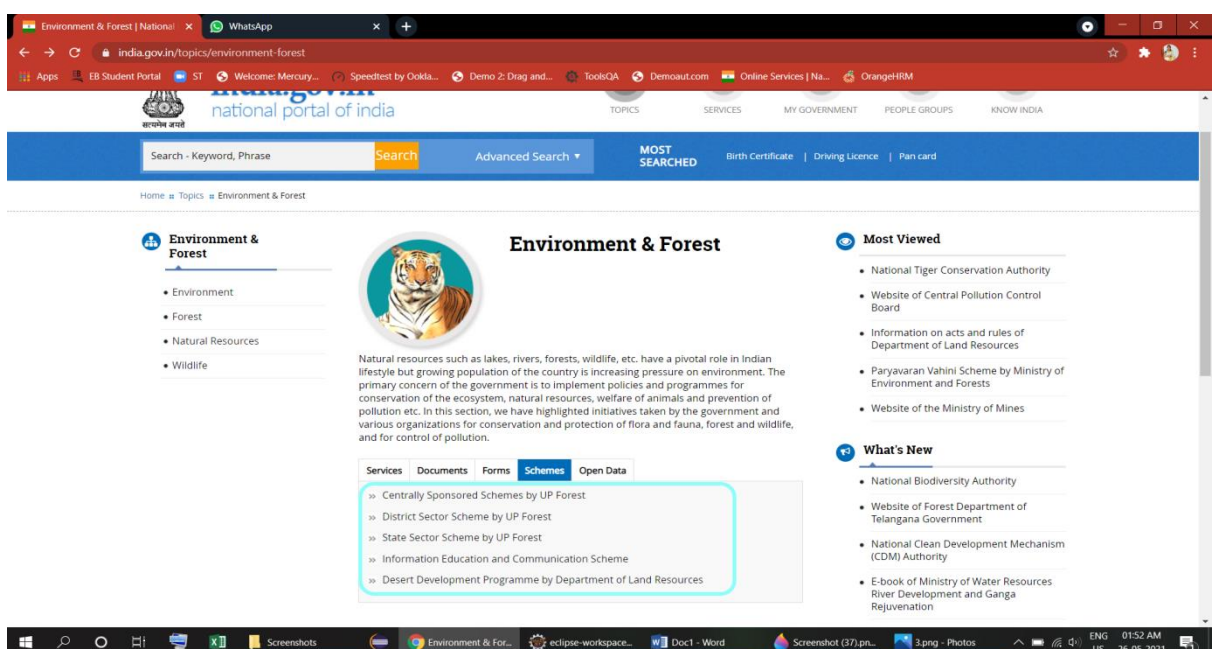
Tc_05: To check the functionality of SCHEMES BUTTON-1ST LINK.

Tc_06: To check the functionality of SCHEMES BUTTON-2ND LINK.

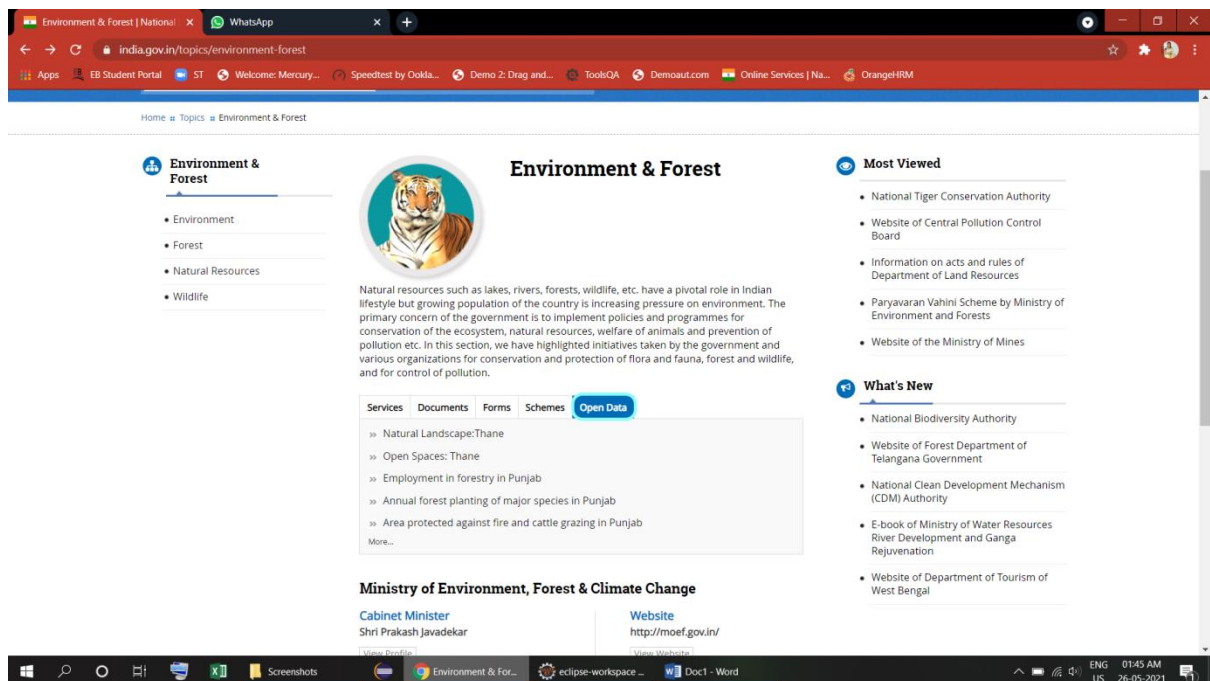
Tc_07: To check the functionality of SCHEMES BUTTON-3RD LINK.

Tc_08: To check the functionality of SCHEMES BUTTON-4TH LINK.

Tc_09: To check the functionality of SCHEMES BUTTON-5TH LINK.

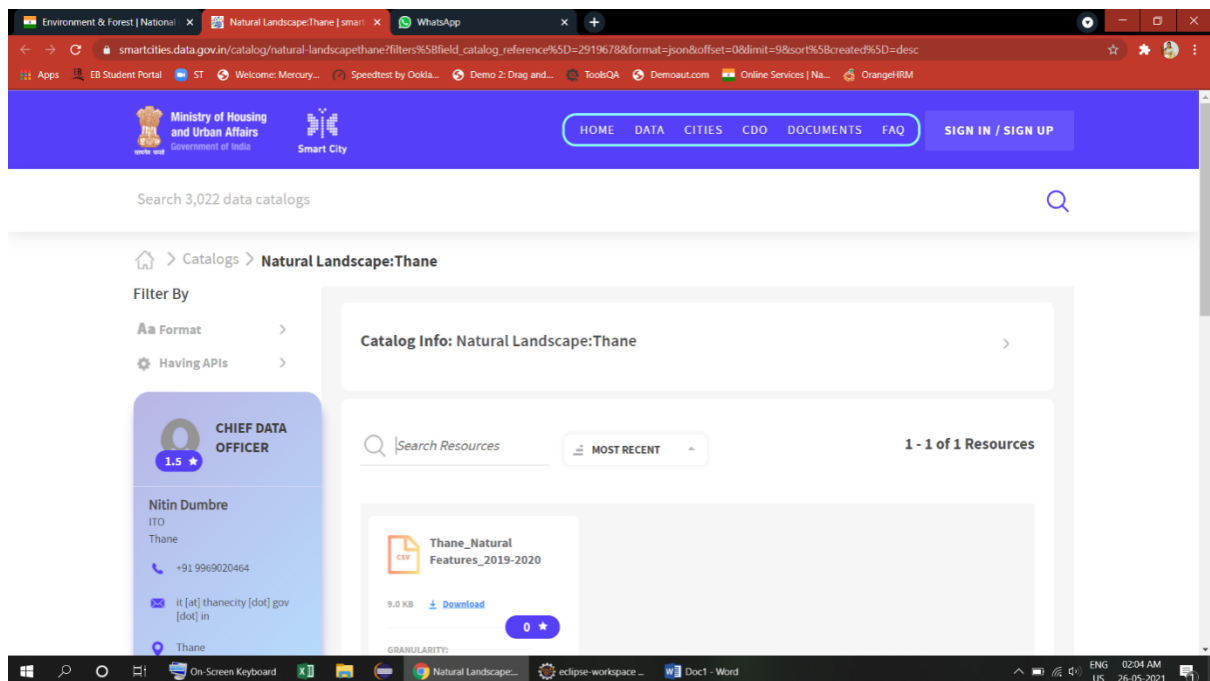


Tc_10: TO CHECK THE FUNCTIONALITY OF OPEN DATA BUTTON.

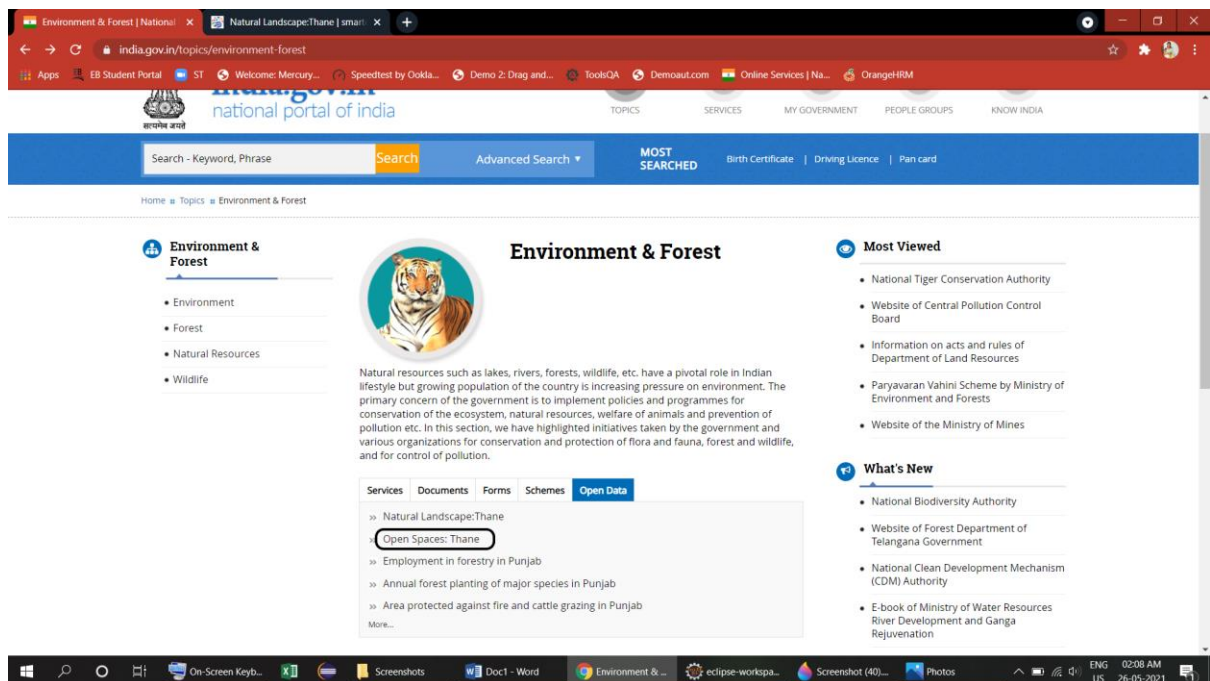


Tc_11: TO CHECK THE FUNCTIONALITY OF OPEN DATA-1ST LINK.

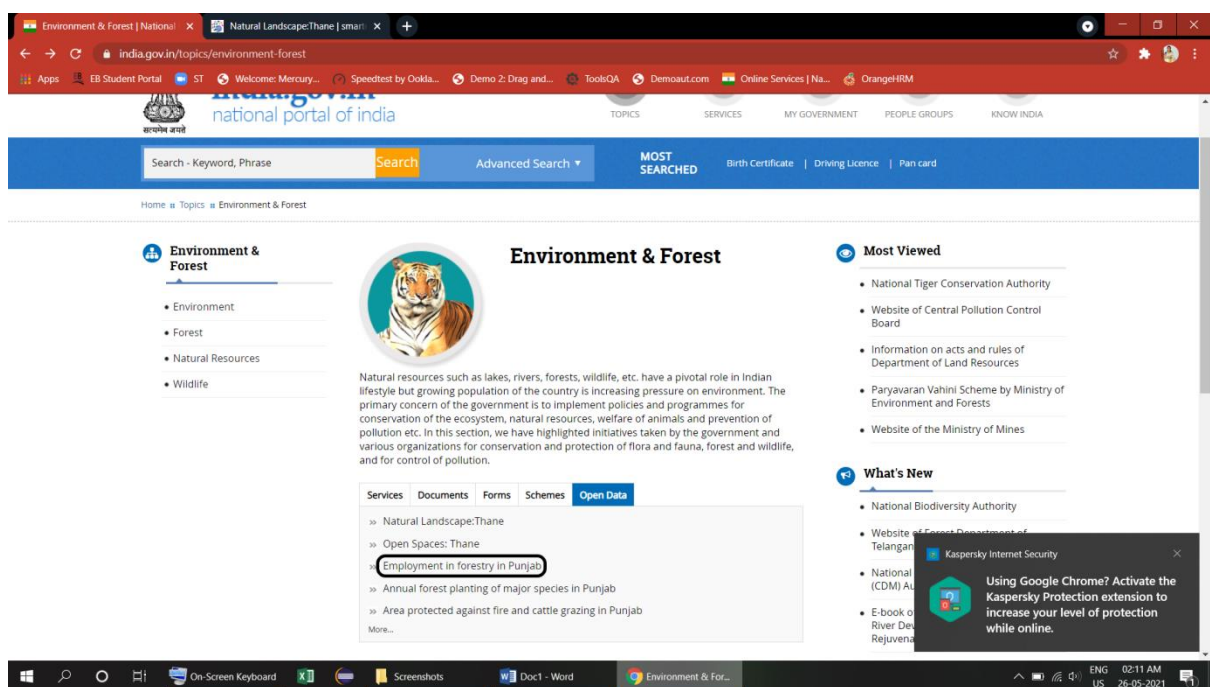
Tc_12-Tc_19:



Tc_20: TO CHECK THE FUNCTIONALITY OF OPEN DATA-2ND LINK.



Tc_21: TO CHECK THE FUNCTIONALITY OF OPEN DATA-3RD LINK.



Tc_22-Tc_38:

The screenshot shows the data.gov.in website interface. The browser address bar displays the URL: `data.gov.in/catalog/employment-forestry-punjab?filters%5Bfield_catalog_reference%5D=6819062&format=json&offset=0&limit=68&sort%5Bcreated%5D=desc`. The page title is "Employment in forestry in Punjab". The "Catalog Info" section is highlighted with a red box and contains the following details:

- The catalog contains the data related to management, protection and extraction employment in forestry in Punjab.
- Released Under: National Data Sharing and Accessibility Policy (NDSAP)
- Contributor: Punjab Planning Department, Punjab Department of Economic and Statistical Organization, Punjab
- Keywords: Protection, Extraction, Employment, Forestry
- Group: Forest
- Sectors: Environment and Forest
- Published on Data Portal: 16/12/2020
- Source: Open Government Data Portal Punjab

The right side of the page shows the dataset details for "Employment in Forestry in Punjab from 1968 to 2018", including a CSV icon, a "Request API" button, and metadata such as "Granularity: Annual", "File Size: 1.8 KB", "Download: 8", "Visualize: NA", and "Reference URL: NA".

Tc_39-Tc_60:

The screenshot shows the data.gov.in website interface. The browser address bar displays the URL: `data.gov.in/catalog/employment-forestry-punjab?filters%5Bfield_catalog_reference%5D=6819062&format=json&offset=0&limit=68&sort%5Bcreated%5D=desc`. The page title is "Employment in forestry in Punjab". The "Catalog Info" section is highlighted with a red box and contains the following details:

- The catalog contains the data related to management, protection and extraction employment in forestry in Punjab.
- Released Under: National Data Sharing and Accessibility Policy (NDSAP)
- Contributor: Punjab Planning Department, Punjab Department of Economic and Statistical Organization, Punjab
- Keywords: Protection, Extraction, Employment, Forestry
- Group: Forest
- Sectors: Environment and Forest
- Published on Data Portal: 16/12/2020
- Source: Open Government Data Portal Punjab

The right side of the page shows the dataset details for "Employment in Forestry in Punjab from 1968 to 2018", including a CSV icon, a "Request API" button, and metadata such as "Granularity: Annual", "File Size: 1.8 KB", "Download: 8", "Visualize: NA", and "Reference URL: NA".

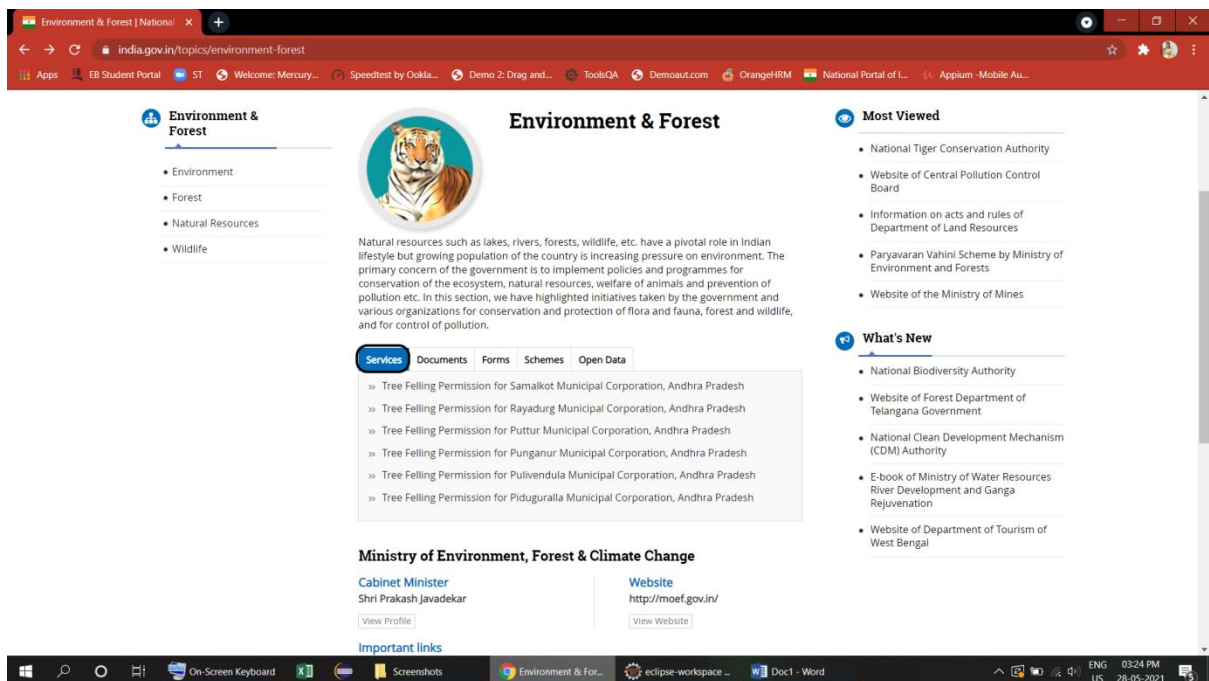
Tc_61: TO CHECK THE FUNCTIONALITY OF OPEN DATA-4TH LINK.

The screenshot shows the 'Environment & Forest' section of the National Portal of India. The page features a search bar at the top, a navigation menu with links to 'Topics', 'Services', 'My Government', 'People Groups', and 'Know India', and a 'Most Searched' section. The main content area includes a 'Services' tab, a 'Documents' tab, and a 'Forms' tab. The 'Open Data' link is highlighted in the 'Forms' tab. Below this, a list of documents is displayed, including 'Natural Landscape:Thane', 'Open Spaces: Thane', 'Employment in forestry in Punjab', 'Annual forest planting of major species in Punjab', and 'Area protected against fire and cattle grazing in Punjab'. The 'Annual forest planting of major species in Punjab' link is circled in red. The page also includes a 'Most Viewed' section with links to the National Tiger Conservation Authority, Central Pollution Control Board, and Ministry of Mines, and a 'What's New' section with links to the National Biodiversity Authority, Forest Department of Telangana Government, and National Clean Development Mechanism (CDM) Authority.

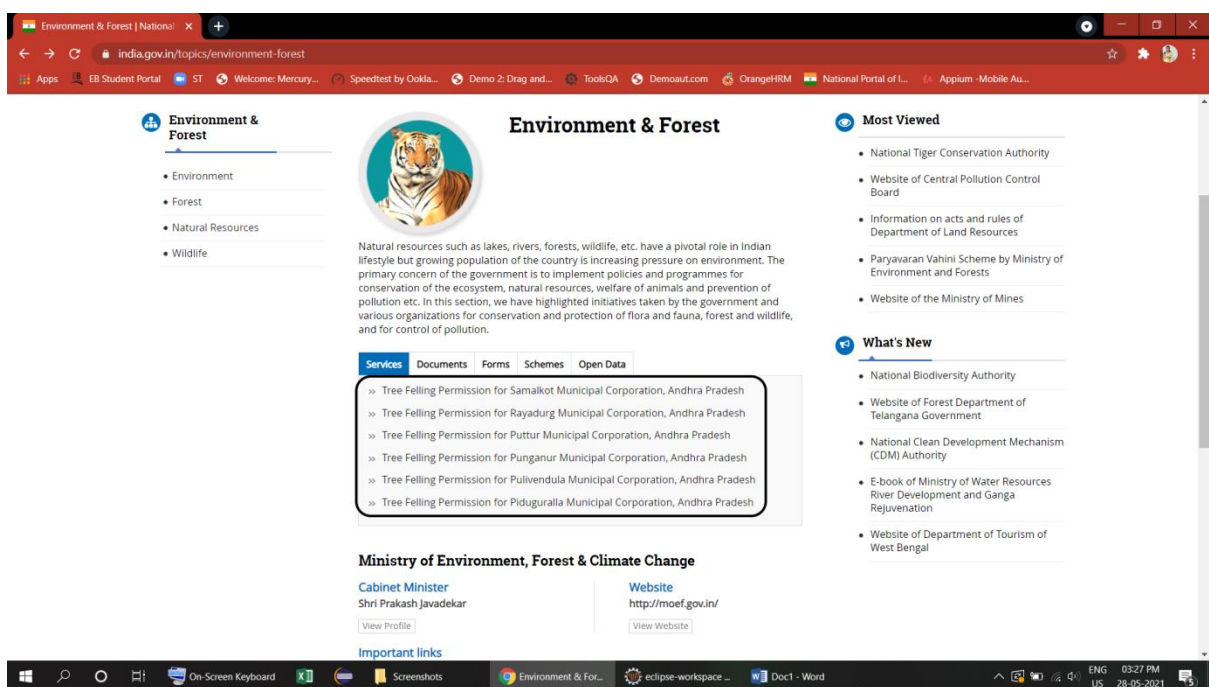
Tc_61-Tc_72:

The screenshot shows the 'data.gov.in' website. The header includes the 'data.gov.in' logo, a search bar, and links to 'LOG IN' and 'REGISTER'. The main content area displays the 'Annual forest planting of major species in Punjab' dataset. The 'Catalog Info' section provides details about the dataset, including its release under the National Data Sharing and Accessibility Policy (NDSAP), its contributor (Punjab Planning Department, Punjab Department of Economic and Statistical Organization, Punjab), its keywords (eucalyptus, shisham, kikar, khair, Mulberry, chil, species), its group (Forest), its sectors (Environment and Forest), its publication date (16/12/2020), and its source (Open Government Data Portal Punjab). The 'Forest planting of major species in Punjab from 1968 to 2018' dataset is shown with a CSV icon. The 'Request API' section includes options for 'Granularity: Annual', 'File Size: 3.1 KB', 'Download: 3', 'Visualize: NA', and 'Reference URL: NA'. The 'Chief Data Officer' section is also visible.

Tc_73: TO CHECK THE FUNCTIONALITY OF SERVICES BUTTON



Tc_74-Tc_79:



Tc_80: To CHECK THE FUNCTIONALITY OF DOCUMENTS BUTTON

The screenshot shows the 'Environment & Forest' National Portal. The 'Documents' button in the 'Services' menu is highlighted with a red box. The page content includes a sidebar with 'Environment & Forest' links, a main header with a tiger logo and title, a paragraph about natural resources, a list of tree felling permissions, a 'Ministry of Environment, Forest & Climate Change' section with the Cabinet Minister's name and website, and a 'What's New' section with various updates.

Tc_81-Tc_85:

The screenshot shows the 'Environment & Forest' National Portal. The 'Documents' button in the 'Services' menu is highlighted with a red box. The page content includes a sidebar with 'Environment & Forest' links, a main header with a tiger logo and title, a paragraph about natural resources, a list of documents, a 'Ministry of Environment, Forest & Climate Change' section with the Cabinet Minister's name and website, and a 'What's New' section with various updates.

Tc_86: To CHECK THE FUNCTIONALITY OF FORMS BUTTON:

The screenshot shows the 'Environment & Forest' website. The 'Forms' button in the navigation menu is highlighted with a red circle. The page content includes a tiger logo, a description of natural resources, and a list of services. The 'Forms' button is located in the 'Services' section, which is highlighted with a red circle. The 'Forms' button is located in the 'Services' section, which is highlighted with a red circle.

Environment & Forest

Natural resources such as lakes, rivers, forests, wildlife, etc. have a pivotal role in Indian lifestyle but growing population of the country is increasing pressure on environment. The primary concern of the government is to implement policies and programmes for conservation of the ecosystem, natural resources, welfare of animals and prevention of pollution etc. In this section, we have highlighted initiatives taken by the government and various organizations for conservation and protection of flora and fauna, forest and wildlife, and for control of pollution.

Services Documents **Forms** Schemes Open Data

- » Send your feedback to ENVIS Centre of Nagaland
- » Write your feedback for Forest Department of Madhya Pradesh
- » Write to Ministry of Environment and Forests
- » Ministry of Earth Sciences seminars application form
- » Post comments for Andhra Pradesh Water Sector Improvement Project

Ministry of Environment, Forest & Climate Change

Cabinet Minister
Shri Prakash Javadekar

Website
<http://moef.gov.in/>

Important links

- Website of Ministry of Environment and Forests

Most Viewed

- National Tiger Conservation Authority
- Website of Central Pollution Control Board
- Information on acts and rules of Department of Land Resources
- Paryavaran Vahini Scheme by Ministry of Environment and Forests
- Website of the Ministry of Mines

What's New

- National Biodiversity Authority
- Website of Forest Department of Telangana Government
- National Clean Development Mechanism (CDM) Authority
- E-book of Ministry of Water Resources River Development and Ganga Rejuvenation
- Website of Department of Tourism of West Bengal

Tc_87-Tc_91:

The screenshot shows the 'Environment & Forest' website. The 'Forms' button in the navigation menu is highlighted with a red circle. The page content includes a tiger logo, a description of natural resources, and a list of services. The 'Forms' button is located in the 'Services' section, which is highlighted with a red circle. The 'Forms' button is located in the 'Services' section, which is highlighted with a red circle.

Environment & Forest

Natural resources such as lakes, rivers, forests, wildlife, etc. have a pivotal role in Indian lifestyle but growing population of the country is increasing pressure on environment. The primary concern of the government is to implement policies and programmes for conservation of the ecosystem, natural resources, welfare of animals and prevention of pollution etc. In this section, we have highlighted initiatives taken by the government and various organizations for conservation and protection of flora and fauna, forest and wildlife, and for control of pollution.

Services Documents **Forms** Schemes Open Data

- » Send your feedback to ENVIS Centre of Nagaland
- » Write your feedback for Forest Department of Madhya Pradesh
- » Write to Ministry of Environment and Forests
- » Ministry of Earth Sciences seminars application form
- » Post comments for Andhra Pradesh Water Sector Improvement Project

Ministry of Environment, Forest & Climate Change

Cabinet Minister
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Website
<http://moef.gov.in/>

Important links

- Website of Ministry of Environment and Forests

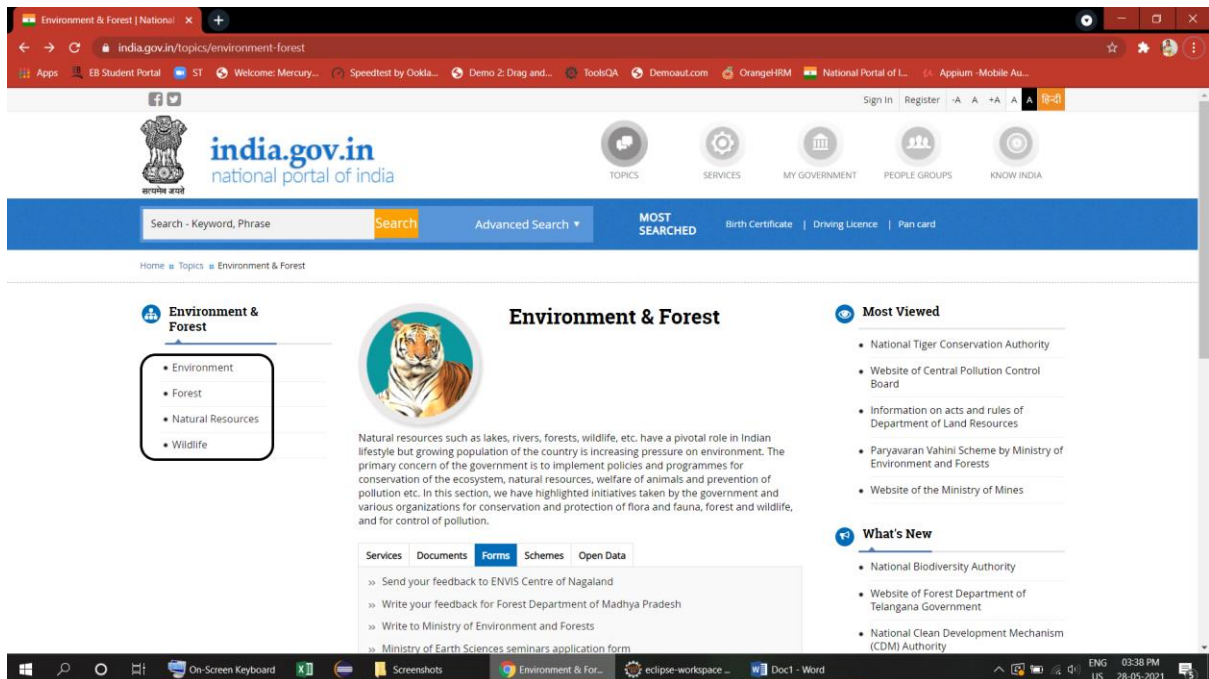
Most Viewed

- National Tiger Conservation Authority
- Website of Central Pollution Control Board
- Information on acts and rules of Department of Land Resources
- Paryavaran Vahini Scheme by Ministry of Environment and Forests
- Website of the Ministry of Mines

What's New

- National Biodiversity Authority
- Website of Forest Department of Telangana Government
- National Clean Development Mechanism (CDM) Authority
- E-book of Ministry of Water Resources River Development and Ganga Rejuvenation
- Website of Department of Tourism of West Bengal

Tc_92-Tc_95: To CHECK THE FUNCTIONALITIES OF ENVIRONMENT AND FOREST LINKS



The screenshot shows the 'Environment & Forest' section of the India.gov.in portal. The page features a search bar at the top, a navigation menu on the left with links to Environment, Forest, Natural Resources, and Wildlife, and a central content area. The central area includes a tiger icon, a paragraph about natural resources, and a list of services. On the right, there are sections for 'Most Viewed' and 'What's New' links. The browser's address bar shows the URL 'india.gov.in/topics/environment-forest'.

Environment & Forest

Natural resources such as lakes, rivers, forests, wildlife, etc. have a pivotal role in Indian lifestyle but growing population of the country is increasing pressure on environment. The primary concern of the government is to implement policies and programmes for conservation of the ecosystem, natural resources, welfare of animals and prevention of pollution etc. In this section, we have highlighted initiatives taken by the government and various organizations for conservation and protection of flora and fauna, forest and wildlife, and for control of pollution.

Services Documents Forms Schemes Open Data

- » Send your feedback to ENVIS Centre of Nagaland
- » Write your feedback for Forest Department of Madhya Pradesh
- » Write to Ministry of Environment and Forests
- » Ministry of Earth Sciences seminars application form

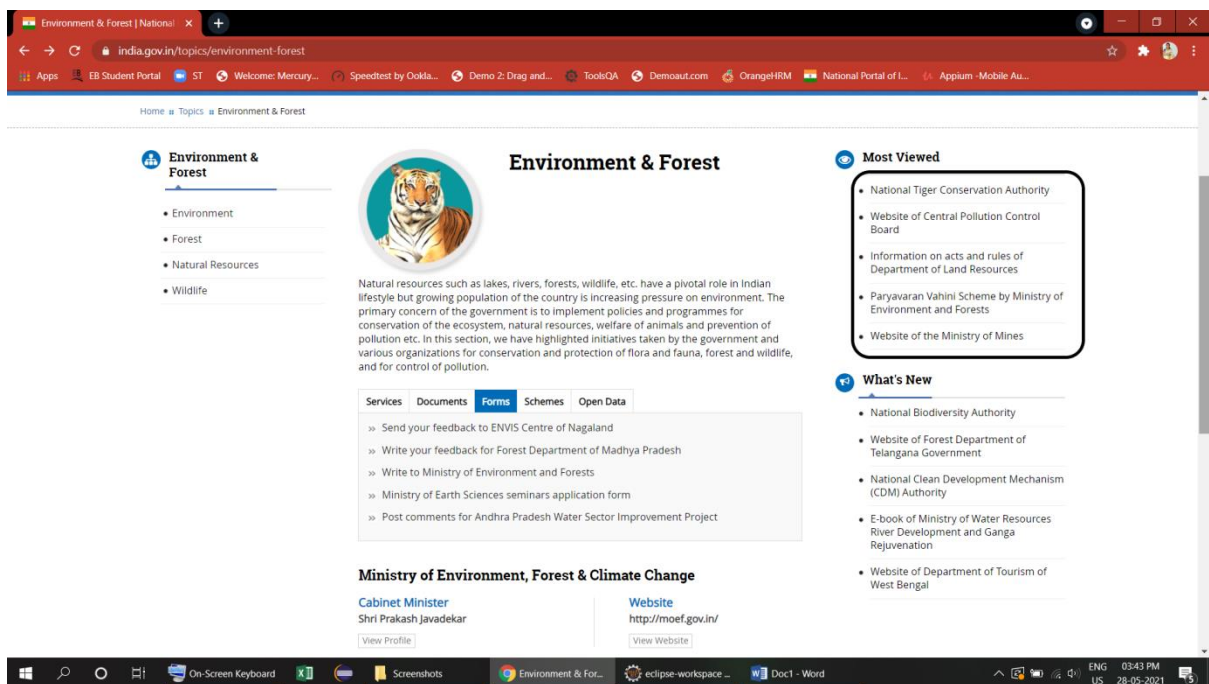
Most Viewed

- National Tiger Conservation Authority
- Website of Central Pollution Control Board
- Information on acts and rules of Department of Land Resources
- Paryavaran Vahini Scheme by Ministry of Environment and Forests
- Website of the Ministry of Mines

What's New

- National Biodiversity Authority
- Website of Forest Department of Telangana Government
- National Clean Development Mechanism (CDM) Authority

Tc_96-Tc_100: To CHECK THE FUNCTIONALITIES OF MOST VIEWED LINKS

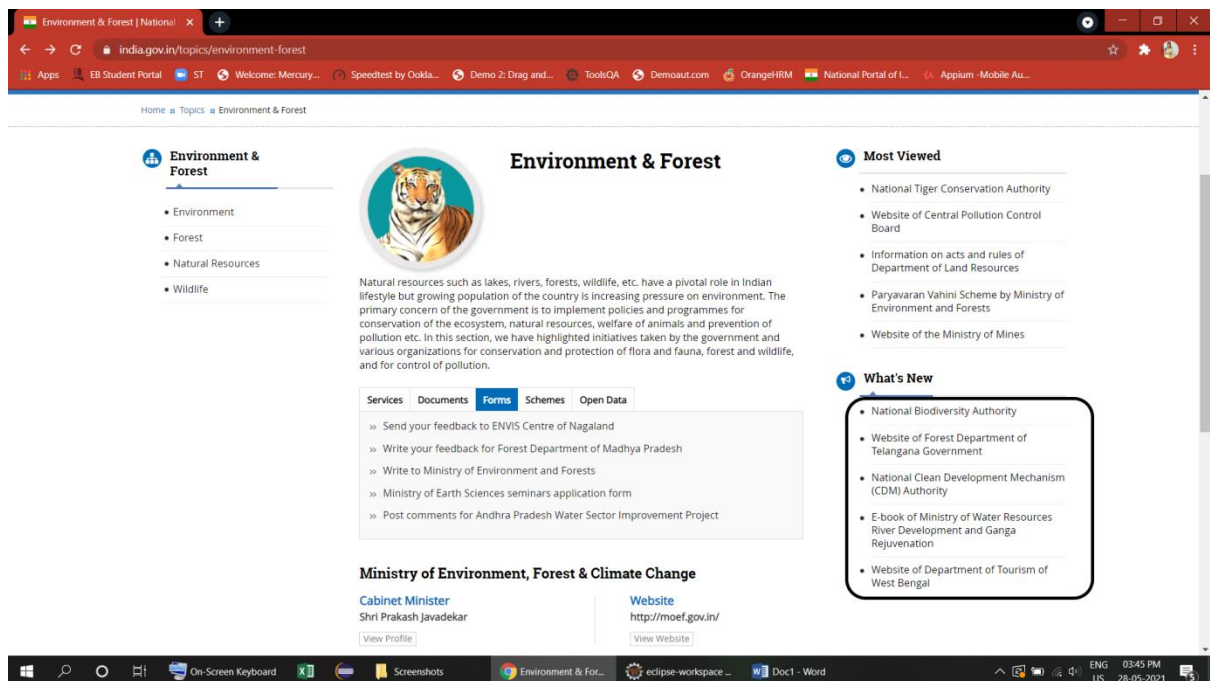


This screenshot is similar to the previous one, but with a red box highlighting the 'Most Viewed' links on the right side of the page. The box encloses the following links:

- National Tiger Conservation Authority
- Website of Central Pollution Control Board
- Information on acts and rules of Department of Land Resources
- Paryavaran Vahini Scheme by Ministry of Environment and Forests
- Website of the Ministry of Mines

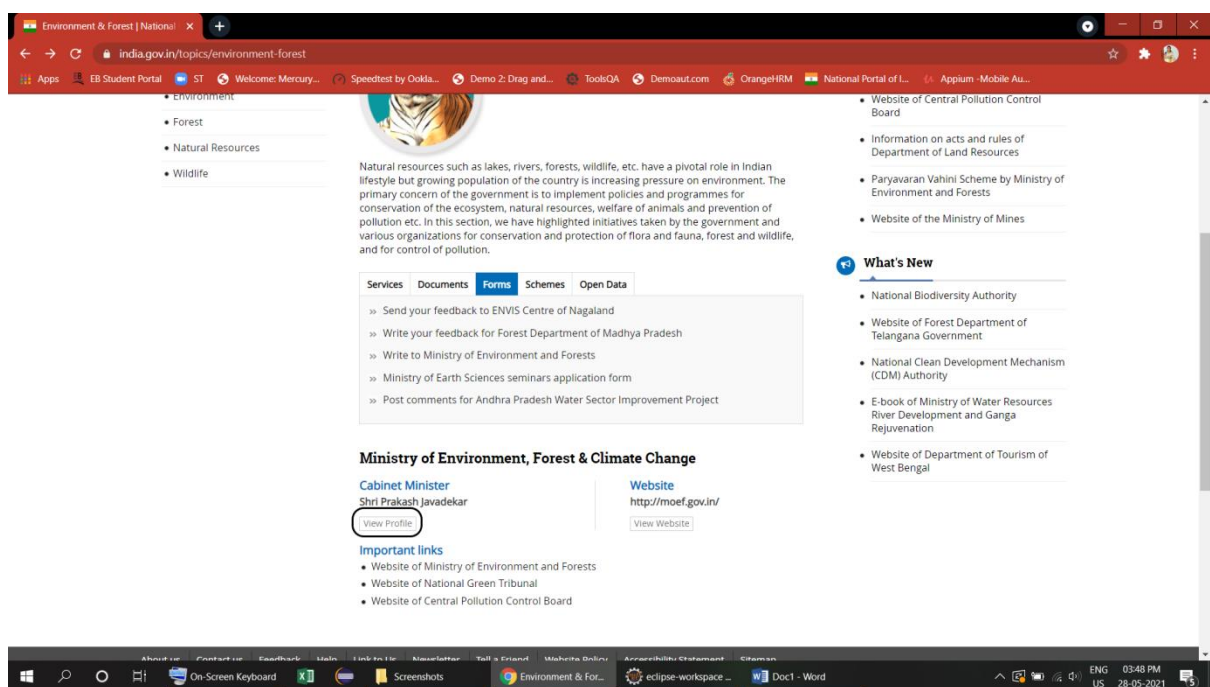
The rest of the page content, including the search bar, navigation menu, central text, and 'What's New' section, remains the same.

Tc_101-Tc_105: TO CHECK THE FUNCTIONALITIES OF WHAT'S NEW LINKS



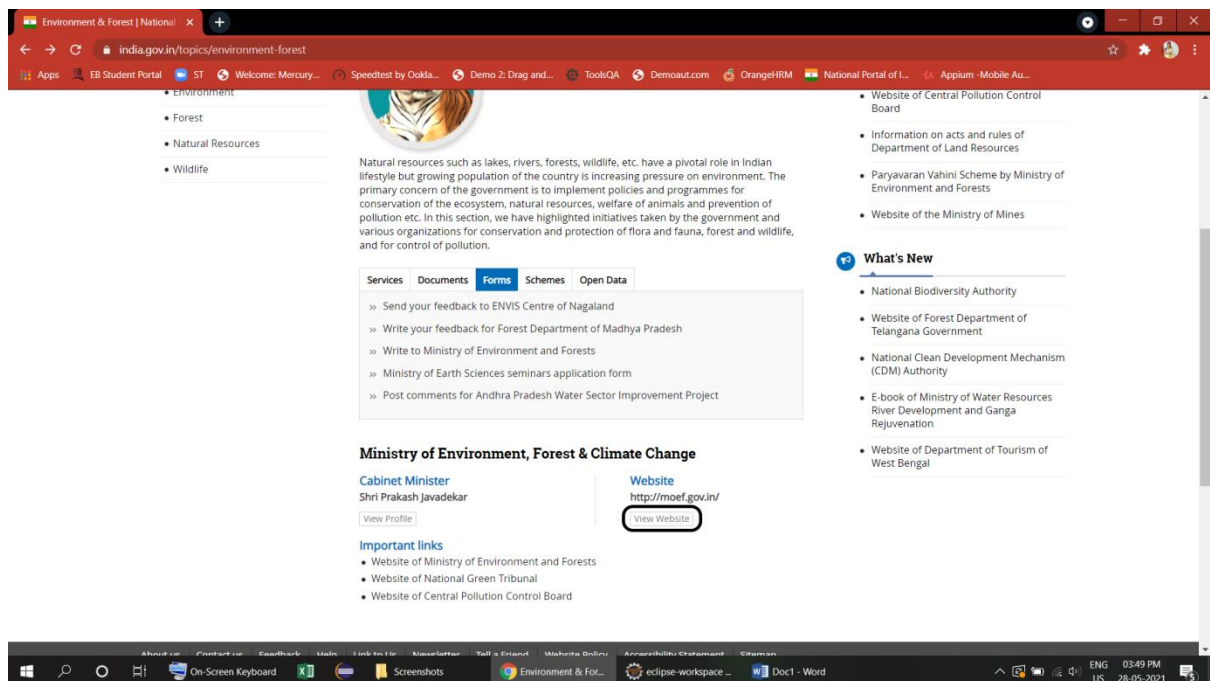
The screenshot shows the 'Environment & Forest' section of the India.gov.in website. The page has a red header with the URL 'india.gov.in/topics/environment-forest'. The main content area includes a sidebar with links to Environment, Forest, Natural Resources, and Wildlife. The main heading is 'Environment & Forest' with a tiger icon. Below the heading is a paragraph about the importance of natural resources. There are tabs for Services, Documents, Forms, Schemes, and Open Data. The 'Forms' tab is active, showing a list of forms. Below this is the 'Ministry of Environment, Forest & Climate Change' section, which includes the name of the Cabinet Minister, Shri Prakash Javadekar, and a 'View Profile' button. To the right, there is a 'Most Viewed' section and a 'What's New' section. The 'What's New' section is highlighted with a red box and contains a list of links: National Biodiversity Authority, Website of Forest Department of Telangana Government, National Clean Development Mechanism (CDM) Authority, E-book of Ministry of Water Resources River Development and Ganga Rejuvenation, and Website of Department of Tourism of West Bengal.

Tc_106: TO CHECK THE FUNCTIONALITY OF VIEW PROFILE BUTTON



This screenshot is similar to the previous one, showing the 'Environment & Forest' section. However, the 'What's New' section is not highlighted. Instead, the 'View Profile' button under the 'Ministry of Environment, Forest & Climate Change' section is highlighted with a red box. Below the 'View Profile' button, there is an 'Important links' section with a list of links: Website of Ministry of Environment and Forests, Website of National Green Tribunal, and Website of Central Pollution Control Board.

Tc_107: To check the functionality of VIEW WEBSITE BUTTON



Tc_108-Tc_110: To check the functionality of IMPORTANT LINKS

