**Pre-Assessment for the post of Software Tester**

**b)   Do functional (usecases) testing of** [**https://iic.mic.gov.in/**](https://iic.mic.gov.in/)

**Functional Test Cases**

1. **Signup window**

**Steps**

* Click on Signup should open a new signup page
* All mandatory fields should be validated and indicated by an asterisk (\*) symbol.
* All error messages should be displayed in the same CSS style
* General confirmation messages should be displayed using CSS style other than error messages style
* All fields on a page (For Example, text box, radio options, drop-down lists) should be aligned properly.
* There should be one Know Your AISHE Code link, which links to the new page http://aishe.gov.in/aishe/aisheCode
* Password must match with the required characters
* The user should not be able to type in the drop-down, select lists.
* Tab and Shift+Tab order should work properly.
* Submit should not allow to you submit the form until you fill all the mandatory fields

1. **Menus**

**Steps**

* Verify all the menus (Home, About Us, IIC 2020-21, At a Glance, major Activities, Resource & Referrals, Notification) are available
* Press Alt to access the menu bar.
* Use Arrow Keys to move from option to option.
* Verify all options can be selected using the Enter key.
* Verify all options links to the proper page
* Clicking on the Home menu get back to you on the home page

1. **Login Page**

**Steps**

* Verify clicking on the login button gets you to the login page
* Verify if a user will be able to login with a valid username and valid password.
* Verify if a user cannot log in with a valid username and an invalid password.
* Verify the login page for both when the field is blank, and the Submit button is clicked.
* Verify the ‘Forgot Password’ functionality
* Verify the CAPTCHA functionality
* Verify the messages for invalid login.
* Verify the ‘Remember Me’ functionality.
* Verify if the data in the password field is either visible as asterisk or bullet signs. Positive
* Verify if a user is able to login with a new password only after he/she has changed the password.
* Verify if the login page allows you to log in simultaneously with different credentials in a different browser.
* Verify if the ‘Enter’ key of the keyboard is working correctly on the login page.
* Verify the time taken to log in with a valid username and password.
* Verify New Registration button links to the signup page

1. **Home Page**

**Steps**

* https://iic.mic.gov.in/ Enter URL in the browser, the home page should be displayed
* Click on the home link located on the left side, and the home page should be displayed
* Click on the Signup button located on the left side, verify that the link takes you to the signup page
* Click on the login button located on the right side, verify that the link takes you to the login page
* Verify all three icons located at the right side of the page directs you to the <https://mic.gov.in/> site
* Verify image slider automatically slides the images, verify all links and content available in the image slider. Verify you can also manually slide the images.
* Verify all the content written about IIC should be correct without any spelling or grammatical errors.
* Verify notification section. Verify slider for notifications.
* Verify the features list and contents
* Verify the count of established institutes, states, Union Territories.
* Verify the latest news slider. Ensure whether on clicking each image of the news slideshow, the corresponding page is displayed.
* Verify the content of ‘feedback from institutions’. Verify feedback should be available in slides.
* Verify the download section is also available on the home page. Verify all download links and verify pdf file can be downloadable
* Verify footer elements. Click on all the elements and verify if the behavior is correct

1. **About Us menu**

**Steps**

* Verify About us menu is available on the menu bar
* Ensure that on clicking the down arrow or mouse hovering the menu, displays menu items
* Verify three menu items are available i.e., About MIC, Advisory committee, implementation team
* Select the ‘About MIC’ menu item
* Verify the heading of the menu item
* Verify the URL name is relevant to the menu item
* Verify the content written about MIC should be correct.
* Verify header and footer should always be available
* Verify the alignment and quality of images available on the page
* Click on the browser’s back button verify this will redirect you to the home page
* Select the ‘Advisory committee’ menu item
* Verify the heading of the menu item
* Verify the URL name is relevant to the menu item
* Verify the list of IIC Advisory Committees
* Verify header and footer should always be available
* Click on the browser’s back button verify this will redirect you to the home page
* Select the ‘Implementation team’ menu item
* Verify the heading of the menu item
* Verify the URL name is relevant to the menu item
* Verify the list of National Implementation Team of IIC
* Verify the list of Zonal Coordinators is also available
* Hovering mouse to the Zonal Coordinators gives you the details of zones and states handle by that selected Zonal Coordinators
* Verify header and footer should always be available
* Click on the browser’s back button verify this will redirect you to the home page

1. **IIC 2020-21 menu**

**Steps**

* Verify ‘IIC 2020-21’ menu is available on the top menu bar
* Ensure that clicking the menu redirects you to the calendar of 2020-21 for IIC activities
* Verify the default list of activities is for Quarter 1
* verify all four options i.e. Quarter 1, Quarter 2, Quarter 3, and Quarter 4, are available
* verify clicking on each quarter gives you the list of activities in table format.
* Verify-in each table, “Sr.No.”, “Activity”, “Mandatory/Elective”, “Download” columns are available.
* Go to the download column of any Quarter and click on “Activity Guideline”. Verify this will redirect you to the pdf file. Verify the content of the file.
* Go down and check whether the “Rating and Scoring System” information is available or not. Verify the alignment of the image.
* Verify header and footer is available

1. **‘At a Glance’ Menu**

**Steps**

* Verify ‘At a Glance’ menu is available on the menu bar
* Ensure that on clicking the down arrow or mouse hovering the menu, displays menu items
* Verify two menu items are available i.e. IIC 2018-19 and IIC 2019-20
* Select the ‘IIC 2018-19’ menu item
* Verify the header of the menu item
* Verify all the contents available in the IIC 2018-19 page
* Verify Start Performers lists are available
* Verify My impact shows the graph of participants data.
* Tool tip should be available on Graph values, which contains basic information about the value
* Information Icon should be available which gives the basic information about the graph to user
* Position and color of Legends must be proper in the graph
* Verify ‘IIC ratings 2018-19’ button is kept on blinking.
* Verify clicking on the ‘IIC Ratings 2018-19’ button redirects you to the IIC Rating 2018-19 page.
* Select the ‘IIC 2019-20’ menu item
* Verify the header of the menu item
* Verify four buttons are available at the top of the page (below the menu bar). That four buttons are “Top 5 from Each Zone”, “Special Category”, “Best Performers - 5 Star IICs”, “Star Rating 2019-20-complete list”. Clicking on each button gives the particular pdf file.
* Verify all the available graph charts on the page.
* Verify the alignment of images and content.

1. **Major Activities Menu**

**Steps**

* Verify ‘Major Activities’ menu is available in the menu bar
* Ensure that on clicking the down arrow or mouse hovering the menu, it displays menu items.
* Verify six menu items are available i.e., Innovation Ambassador, Impact Lecture series, Online Session, National Innovation contest, International Exposure and mentor mentee program.
* Select the ‘Innovation Ambassador’ menu item
* Verify the header of the menu item
* Verify three buttons, “Register your profile”, “View IE profile” and “Innovation Ambassador Portal” are available with icons.
* Click on “Register your profile” icon or button. Verify this will redirect to the registration page.
* Click on “View IE profile” icon or button. Verify this will redirect to the list of “IIC Innovation Ambassador”.
* Click on “Innovation Ambassador Portal” icon or button. Verify this will redirect to the portal of Innovation Ambassador.
* Go to “Impact lecture series” menu item. Verify mouse hovering the menu, displays sub menu items. i.e. IIC 2019-20 and IIC 2020-21.
* Go to the “online sessions” menu item.
* Verify header and other content of the page
* Verify all the sessions are available with date, time and topic detail
* Verify clicking on any link of online session redirect to the details of the sessions.
* Go to the “National Innovation Contest” menu item. Verify mouse hovering the menu, displays sub menu items. i.e. PoC Contest 2019 and Innovation Contest 2020.
* Verify the “PoC Contest 2019” page has all the details about the National Innovation Contest for 2019.
* Verify “Innovation Contest 2020” page has all the details about National Innovation Contest for 2020. Verify it has two login buttons first is “NIC team lead Login” button, and the second is “Innovation Ambassador Login”. Verify Gallery images.
* Go to the “International exposure” menu item. Verify mouse hovering the menu, displays sub menu items. i.e. “India-Canada” and “South-Korea”.
* Verify India-Canada page has the complete detail of Canada-India Acceleration Program.
* Verify South-Korea page has the complete detail of Indian Startups Exposure Visit to Korea and some glimpse of Korea visit.

1. **Resources & Referrals Menu**

• Verify ‘Major Activities’ menu is available in the menu bar

• Ensure that on clicking the down arrow or mouse hovering the menu, displays menu items.

• Verify four menu items are available i.e. List of Pre-Incubators & Incubators, List of Innovation Ambassadors, Download, IIC Guide and Portal manual.

1. **Notification Menu**

**Steps**

* Verify all IIC Notifications are available
* Verify download links are also available for selected notifications.
* Verify if there is no file attached in the notification, then N/A should be written with that notification.
* Verify next/previous option is available to go to the next list/previous list of notifications.

1. **Footer**

**Steps**

* Look at the overall display and available options of the footer
* The text is correctly displayed
* The elements in the footer are correctly aligned
* The social media icons are correctly displayed
* The used icons are fitting to the context
* Click on all the elements and verify if the behavior is correct
* Upon clicking on the links, the correct page is opened
* Verify footer should be available on all the pages.