**MET’S INSTITUTE OF TECHNOLOGY, POLYTECHNIC,**

**BHUJBAL KNOWLEDGE CITY, ADGAON, NASHIK**

**DEPARTMENT OF COMPUTER ENGINEERING**

**WEEKLY DIARY FOR INDUSTRIAL TRAINING**

**ACADEMIC YEAR: 2021-22**

**Name of Industry:** …Innovation-Hub private limited , nashik

**From:** 5/7/2021 **to:** 13/9/2021

**Name of Supervisor:** Sachin Patil Sir.

**Designation of Supervisor:** Business consultant/Director.

**Name of the Student:** Jahagirdar Pranali Dipak **Enrollmen No : 1907760349**

**Branch of Engineering:** Computer Engineering

**Name of Polytechnic:** MET’s Institute of Technology, Polytechnic

(Special instructions to students:

1. Write down the daily activity on the same day
2. Make note of the important actual activity/ies only.
3. Summarize at the week end.
4. Add extra sheets if needed for daily or weekly activity report.)

**Week 1:** **From: 5/7/2021 to: 7/7/2021**

**Expected Work:**

1. Study of organization chart of industry/plant with responsibilities of different posts.
2. General study of industry, its location, its history and its history and its product range, its size, number of employees, its turnover etc.

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| --- | --- |
| **Day** | **Activities carried out** |
| 1 | to Web design & development languages.  Introduction to HTML (hypertext markup language)  HTML structure.  Page Components: |
| 2 | <!doctype html> Declaration of version HTML  <html> Container for the document </html>  <head><title> Title of the web page. </title></head>  <body> Content of the web page<body>  Heading tags (h1, h2, h3, h4, h5, h6)  H1 – larger, H6 – smaller.  Paragraph tag :<p></p> |
| 3 | Basic syntax and example of Image and Link  Image tag <img src = ”url” alt = “description of Image”>  src: attribute where we can specify path of image.  alt: attribute where we can specify alternative name for image when image cannot be display. |
| 4 | |  |  | | --- | --- | | lists  Ordered list <ol></ol>  Unordered list <ul></ul>  List tag <li></li>  Table tag <table></table>   |  | | --- | |  |   Attributes in table tag:  <tr></tr>indicates table row.  <td></td>indicates table data.  Grouping tag: <div></div>  Used to group specific content in html. Or  Used as a Container. | |
| 5 | Form:  Input tag :<input type=”text” placeholder=”name”>  type=”text” means it contains text value and placeholder is text you want into your text field.  type=”radio” used for radio buttons, type=”checkbox” used for checkbox,  type=”submit” used to submit form.  Select used to create list box and option attribute (<option></option>) used to insert values in list. |
| 6 | Used to insert a Div in an Html structure.  Div tag: <div></div>  Assignment-Basic website Page |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**

**Week 2:** **From: 16/7/2021 to: 21/7/2021**

**Expected Work:** Study of layout and specifications of major machines, equipment and raw materials/components used.

**List the Sections of Industry visited and list the major machines, equipment and raw materials etc. studied:**

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| --- | --- |
| **Day** | **Activities carried out** |
| 1 | Anchor tag <a></a>  Target attribute used to open link in new tab or the same  To redirect in same tab.  1. target=”\_self”  To redirect in new tab.  2. target=”\_blank” |
| 2 | Text Formatting :  Horizontal line tag <hr>  It is singular tag used to add horizontal line.  Bold tag <b> </b> Used bold text.  Super-script tags <sup></sup>  Sub-script tags <sub></sub> |
| 3 | Introduction to CSS (Cascading style sheets)  Rules and types of CSS (Inline, Internal, External) |
| 4 | Way of defining CSS :  Using Tag name: Use when we have only one tag. (e.g.: p{color: red;})  Using Id: we use ‘#’ to write CSS for id. (e.g.: #name{height:50px;})  Using Class name: we use ‘.’ To write CSS for class. (e.g.: .head{color: black;}) |
| 5 | Color (color: “color name” ;)  Background Type:  background-color: “color name”;  background-image: url(“src”);  background-repeat: repeat-x, repeat-y, or no-repeat |
| 6 | Assignment-Design first website using Header, Article and Footer |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**

**Week 3: From: 23/7/2021 to: 28/7/2021**

**Expected Work:** Study of production processes along with production planning and control procedures.

**List the Sections of Industry visited and list the major production processes, and products for planning and control procedures etc. studied:**

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| --- | --- |
| **Day** | **Activities carried out** |
| 1 | Text: font-size, font-family, font-style, text-shadow.  Text-align(center,right,left,justify)  Text-transform(uppercase,lowercase,capitalize)  Text-decoration(none, underline, overline, line-through) |
| 2 | Display: inline, block, inline-block, none.  Dimensions: width, height.  Overflow: hidden, scroll, visible, auto.  Border:  Parameters: Border-size, Border-style (dashed, solid, dot), Border-color.  (e.g.: “border: 2px solid color;”) |
| 3 | Margin: outer space of content (margin: dimensions ;)  Padding: inner space of content (padding: dimensions ;)  Dimensions: top, right, bottom, left Same for both. |
| 4 | Introduction to Bootstrap.  Online-bootstrap: <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.4.0/css/bootstrap.min.css">  Offline bootstrap: (download bootstrap file and include it in tag) |
| 5 | Classes: Container and Container-fluid.  Grid: Grid is made up of grouping of Rows and Columns inside 1 or more Containers.  Used for layout, specifically Responsive Layouts. |
| 6 | Jumbotron class: used to create a grey box.  Table class: table class = “table”.  table-bordered, table-striped, table-condense, table-responsive.  Image-classes: img-rounded, img-thumbnail, img-responsive, img-circle. |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**

**Week 4: From: 23/7/2021 to: 28/7/2021**

**Expected Work:** Study testing and quality assurance processes.

**List the Sections of Industry visited and list the major testing and quality assurance processes studied there.**

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| **Day** | **Activities carried out** |
| 1 | Alerts: alert-success, alert-info, alert-warning, alert-danger.  Input: input-group, input-group-addon.  Input-size: lg(Large), sm(small), md(Medium), xs(Extra small). |
| 2 | Button class: btn btn-default, btn btn-success, btn btn-danger, btn btn-info, btn btn-warning, btn btn-link, btn btn-primary. |
| 3 | Form: form-control, form-group.  Columns: col-lg-6/12, col-xs-12/6, col-sm-4/6, col-md-4/6.  Symbols: glyphicon (envelop, search, etc.) |
| 4 | Button primary class: active, disabled.  Button-group: btn-group, caret (used to create selectbox).  Dropdown-menu: dropdown-menu (to create listbox |
| 5 | Progress: class progress-bar.  Progress-bar-success, progress-bar-info, progress-bar-warning. progress-striped, progress-stripped-active |
| 6 | Assignment-Design first website using Header, Article and Footer using Bootstrap |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**

**Week 5: From: 30/7/2021 to: 4/9/2021**

**Expected Work:** Study of preventive maintenance and breakdown maintenance & safety practice adopted in industry.

List the Sections of Industry visited and list

1. the major machines/plants whose preventive and breakdown maintenance procedures studied,
2. the major safety practices adopted in the industry, and
3. organization chart of the industry with responsibilities of different departments/posts.

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| **Day** | **Activities carried out** |
| 1 | Introduction to JavaScript  Applications: To change HTML content, to change CSS object, change HTML object, Form- validation, etc. |
| 2 | Display Possibilities :   1. Using .innerHTML 2. document. write() 3. window. alert() 4. console.log()   Script tag: <script type=css/javascript></script>  Method: document.getElementById();` |
| 3 | 1. Change Html content.   innerHTML used to change html content.   1. Change CSS content.   style used to change CSS content |
| 4 | .src used to perform action on image.  .style used to change CSS object.  Hide: .style. display=’none’ (Hide the Content.)  Show: style=”display: none”(When onclick event happen show the Content.) |
| 5 | Variable:  Used to store values.  var used to assign name.  Rules of creating variable.  Data types. |
| 6 | Assignment- Change background color using radio buttons |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**

**Week 6: From: 5/9/2021 to: 13/9/2021**

**Expected Work:** Report writing

List the Sections of Industry visited and list the major manual/brochures such as operational manual, safety manual, maintenance manual, quality manuals referred/studied there for preparation of reports.

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| --- | --- |
| **Day** | **Activities carried out** |
| 1 | Operators:  Arithmetic operators.  Assignment operators.  Bitwise operators.  Logical operators (AND (&), OR (|), NOT (!)).  Array |
| 2 | Statements:  if, if-else, if…else if  Functions.  Form-validation. |
| 3 | PHP Introduction and Installation  Local and Live server  Client server architecture |
| 4 | 1)Introduction To php and how to download , install and operate Xampp server.  2) Also run php programs using local host.  3)Structure of php program and some basics  Ex:-<?php  $t=date(“H”);  If($t<”20”){  Echo “Have a good day!”;  }  ?> |
| 5 | Conditonal Statements in php:  1)if(condition){  Code to be executed if condition is true;  }  2)if(condition){  Code to be executed if condition is true  }else{  Code to be executed if condition is false;  }  3)switch |
| 6 | Loops:  1)While while (condition is true) {   code to be executed; }  2)do while do {   code to be executed; } while (condition is true);  3)for for (init counter; test counter; increment counter) {   code to be executed for each iteration; } |
| 7 | 1)break statement  2)continue statement  3)function  4)array etc. |

Weekly summarization of the above activities:

**Signature of the student:** ……………… **Signature of Industrial Supervisor: …………………………..**