**January Training Schedule   
(HTML / GIT / JavaScript / PHP)**

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| --- | --- | --- |
| **Day 1: Induction** | **Duration** | **2nd January** |
| Documentation and Induction by Priyanka & Jayasree | 11-1 p.m. |  |
| Activity by Jayasree | 2-3 p.m. |  |
| Overview of HTML / CSS by Pritee | 3-4 p.m. |  |
| Overview of JS by Pritee | 4-4.30 p.m. |  |
| Overview of PHP by Harish | 4.30-5.30 p.m. |  |
| **Day 2: HTML & JavaScript by Pritee Maheta** |  | **3rd January** |
| **HTML & CSS Power point presentation** |  | 10-10:30 a.m. |
| **JavaScript Tutorial Videos** |  |  |
| 1. Section Intro | 0:54 |  |
| 3. Let's start coding! | 5:50 |  |
| 4. A Brief Introduction to JavaScript | 4:39 |  |
| 5. Variables and Data Types | 13:08 |  |
| 6. Variable Mutation and Type Coercion | 11:44 |  |
| 7. Basic Operators | 8:31 |  |
| 8. Operator Precedence | 14:25 |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session: HTML & JavaScript** |  |  |
| **Day 3: HTML & JavaScript by Pritee Maheta** |  | **4th January** |
| **HTML tags Power point presentation** |  | 10-11:30 a.m. |
| **JavaScript Tutorial Videos** |  |  |
| 1. If else Statements | 8:38 |  |
| 2. Boolean Logic | 9:52 |  |
| 3. The Ternary Operator and Switch Statements | 13:03 |  |
| 4. Truthy and Falsy Values and Equality Operators | 8:03 |  |
| 5. Functions | 11:24 |  |
| 6. Function Statements and Expressions | 10:07 |  |
| 7. Arrays | 12:36 |  |
| **Q & A session** |  | 11:30-12:15p.m. & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 4: HTML & JavaScript by Pritee Maheta** |  | **6th January** |
| **HTML Table Power point presentation** |  | 10-12 p.m. |
| **JavaScript Tutorial Videos** |  |  |
| 1. Section Intro | 0:54 |  |
| 2. How Our Code Is Executed JavaScript Parsers and Engines | 2:51 |  |
| 3. Execution Contexts and the Execution Stack | 6:04 |  |
| 4. Execution Contexts in Detail Creation and Execution Phases and Hoisting | 4.25 |  |
| 5.Hoisting phases | 12.33 |  |
| 6. Scoping and the Scope Chain | 13:11 |  |
| 7. The 'this' Keyword | 2:22 |  |
| 8. The 'this' Keyword in Practice | 11:24 |  |
| 9. Objects and Properties | 8:57 |  |
| 10. Objects and Methods | 7:13 |  |
| 11. Loops and Iteration | 21:26 |  |
| 12. JavaScript Versions ES5, ES6 ES2015 and ES6+ | 6:07 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 5: HTML / JavaScript & Communication by Jayasree** |  | **7th January** |
| **HTML Forms Power point presentation** |  | 10-11 a.m. |
| **JavaScript Tutorial Videos** |  |  |
| 1. Section Intro | 0:46 |  |
| 2. The DOM and DOM Manipulation | 2:14 |  |
| 3. 5-Minute HTML and CSS Crash Course | 5:44 |  |
| 4. Project Setup and Details | 4:39 |  |
| 5. First DOM Access and Manipulation | 19:56 |  |
| 6. Events and Event Handling Rolling the Dice | 17:39 |  |
| ***Effective Communication*** |  | 1-1.30 p.m. |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 6: JavaScript by Pritee Maheta** |  | **8th January** |
| **HTML Overview Power point presentation** |  |  |
| **JavaScript Tutorial Videos** |  |  |
| 1. Section Intro | 0:58 |  |
| 2. Everything Is an Object Inheritance and the Prototype Chain | 10:25 |  |
| 3. Creating Objects Function Constructors | 14.26 |  |
| 4. The Prototype Chain in the Console | 8.44 |  |
| 5. Creating Objects Object. | 6:45 |  |
| 6. Primitives vs. Objects | 8.45 |  |
| 7. First Class Functions Passing Functions as Arguments | 15:23 |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 7: JavaScript by Pritee Maheta** |  | **9th January** |
| **JavaScript Tutorial Videos** |  |  |
| 1. First Class Functions Returning Functions | 8:49 | 10-11.30 a.m. |
| 2. Immediately Invoked Function Expressions (IIFE) | 6:46 |  |
| 3. Closures | 17:24 |  |
| 4. Bind, Call and Apply | 17:08 |  |
| 5. Section Intro | 0:52 |  |
| 6. What's new in ES6 ES2015 | 1:47 |  |
| 7. Variable Declarations with let and const | 16:44 |  |
| 8. Blocks and IIFEs | 3:54 |  |
| 9. Strings in ES6 ES2015 | 10:21 |  |
| **Q & A session** |  | 11.30 -12:15 p.m. & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 8: JavaScript by Pritee Maheta** |  | **10thJanuary** |
| **JavaScript Tutorial Videos** |  |  |
| 1. Arrow Functions Basics | 8:22 | 10-11:10 a.m. |
| 2. Arrow Functions Lexical 'this' Keyword | 19:34 |  |
| 3. Destructuring | 8:04 |  |
| 4. Arrays in ES6 ES2015 | 17:52 |  |
| **Q & A session** |  | 11.10 -12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 9: JavaScript by Pritee Maheta** |  | **13th January** |
| **JavaScript Tutorial Videos** |  |  |
| 1. Classes | 10:01 | 10-10.30 a.m. |
| 2. Classes with Subclasses | 16:12 |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 10: Supervised by Pritee Maheta** |  | **16th January** |
| Practice |  |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Day 11: by Pritee Maheta, Jayasree** |  | **17th January** |
| **Evaluation (Practical Test)** |  | 10 a.m. onwards |
| **Day 12: PHP by Harish Varma** |  | **18th January** |
| 06. The phpinfo Function.mp4 | 5:00 | 10-12 p.m. |
| 07. The php.ini File.mp4 | 6:06 |  |
| 08. Indentation.mp4 | 4:52 |  |
| 09. echo.mp4 | 4:08 |  |
| 10. print.mp4 | 2:18 |  |
| 11. Output HTML Using echo\_print.mp4 | 5:24 |  |
| 12. Embedding PHP Inside HTML.mp4 | 3:47 |  |
| 13. comments.mp4 | 3:54 |  |
| 14. Error Reporting.mp4 | 5:32 |  |
| 15. More on Error Reporting.mp4 | 5:27 |  |
| 16. Variables.mp4 | 4:55 |  |
| 17. Concatenation.mp4 | 6:22 |  |
| 18. if \_ if else Statement.mp4 | 5:06 |  |
| 19. if \_ else if Statement.mp4 | 3:44 |  |
| 20. Assignment Operators.mp4 | 5:22 |  |
| 21. Comparison Operators.mp4 | 8:21 |  |
| 22. Arithmetic Operators.mp4 | 9:06 |  |
| 23. Logical Operators.mp4 | 9:46 |  |
| 24. Triple Equals.mp4 | 4:23 |  |
| 25. while Loop.m.p4 | 4:59 |  |
| 26. do while Loop.m.p4 | 3:03 |  |
| 27. for Loop.m.p4 | 3:32 |  |
| 28. switch Statement.mp4 | 7:08 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 13: PHP by Harish Varma** |  | **20th January** |
| 29. die and exit Functions.mp4 | 5:39 | 10-11 a.m. |
| 30. Expression Matching.mp4 | 4:40 |  |
| 31. Basic Functions.mp4 | 4:12 |  |
| 32. Functions with Arguments.mp4 | 6:15 |  |
| 33. Functions with a Return Value.mp4 | 6:47 |  |
| 34. Global Variables and Functions.mp4 | 5:38 |  |
| 35. String Functions Part 1.mp4 | 6:05 |  |
| 36. String Functions Part 2.mp4 | 6:04 |  |
| 37. String Functions Part 3.mp4 | 6:03 |  |
| 38. String Functions Part 4.mp4 | 7:29 |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 14: PHP by Harish Varma** |  | **21st January** |
| 39. Introduction to Arrays.mp4 | 6:46 | 10-11:15 a.m. |
| 40. Associative Arrays.mp4 | 4:42 |  |
| 41. Multi-dimensional Arrays.mp4 | 5:57 |  |
| 42. for each Statement.mp4 | 5:26 |  |
| 43. include and require Functions.mp4 | 9:56 |  |
| 44. include\_once and require\_once.mp4 | 4:36 |  |
| 45. More on Expression Matching.mp4 | 4:46 |  |
| 46. String Functions- String Length.mp4 | 5:08 |  |
| 47. String Functions- Upper \_ Lower Case Conversion.mp4 | 9:25 |  |
| 48. String Functions- String Position Part 1.mp4 | 6:14 |  |
| 49. String Functions- String Position Part 2.mp4 | 5:05 |  |
| 50. String Functions- Replacing Part of a String.mp4 | 6:26 |  |
| 51. String Functions- Replacing Predefined Part of a String.mp4 | 7:18 |  |
| **Q & A session** |  | 11:15-12:15 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 15: GIT by Chirag Nandaniya** |  | **22nd January** |
| GIT Introduction And Version Control System | 9:06 | 10-11.30 a.m. |
| Downloading And Installing GIT | 4:56 |  |
| Local Configuration GIT | 1:43 |  |
| How To Start Our Project | 7:29 |  |
| Creating Our First Repository | 3:19 |  |
| Basic GIT Commands | 10:48 |  |
| GIT Workflow | 4:12 |  |
| Comparing Changes | 7:40 |  |
| Solving GIT Error Using StackOverflow | 3:06 |  |
| Undoing Changes(Reverting Changes) | 8.24 |  |
| GIT Branches:Branching | 3.17 |  |
| Merging Different Branches | 12.51 |  |
| Deleting Branches | 5:46 |  |
| Ignoring Unwanted Files and Folders | 4:17 |  |
| Save Fragments: Stashing In GIT | 7:15 |  |
| Important GIT Fundamentals(Understanding HEAD) | 4:37 |  |
| Open Source Project(Assisting On Open Source Project) | 2:08 |  |
| Pull Request | 9.11 |  |
| **Q & A session** |  | 11-12 & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 16: PHP by Harish Varma** |  | **23rd January** |
| 52. Word Censoring Part 1.mp4 | 5:32 | 10-11:45 a.m. |
| 53. Word Censoring Part 2.mp4 | 4:38 |  |
| 54. Creating a Find and Replace Application Part 1.mp4 | 7:29 |  |
| 55. Creating a Find and Replace Application Part 2.mp4 | 7:17 |  |
| 56. Creating a Find and Replace Application Part 3.mp4 | 6:20 |  |
| 57. Creating a Find and Replace Application Part 4.mp4 | 1:58 |  |
| 58. timestamps.mp4 | 6:55 |  |
| 59. Modifying timestamps.mp4 | 8:54 |  |
| 60. Random Number Generation.mp4 | 6:50 |  |
| 61. $\_SERVER Variables- Script Name.mp4 | 8:16 |  |
| 62. $\_SERVER Variables- Host Name.mp4 | 4:25 |  |
| 63. Using the Header to Force Page Redirect.mp4 | 6:28 |  |
| 64. ob\_start.mp4 | 5:00 |  |
| 65. Getting Visitors IP Address.mp4 | 6:40 |  |
| 66. Better Way to Get Visitors IP Address.mp4 | 5:30 |  |
| 67. Detecting a Visitors Browser Part 1.mp4 | 6:35 |  |
| 68. Detecting a Visitors Browser Part 2.mp4 | 5:06 |  |
| 69. Working with $\_GET Variables.mp4 | 6:27 |  |
| 70. Working with $\_POST Variables.mp4 | 8:13 |  |
| 71. Working with Form Data.mp4 | 6:28 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 17: PHP by Harish Varma** |  | **24th January** |
| 72. Using htmlentities for Security.mp4 | 5:43 | 10-12 p.m. |
| 73. Setting PHP Sessions.mp4 | 7:43 |  |
| 74. Unsetting PHP Sessions.mp4 | 5:24 |  |
| 75. Creating Cookies with PHP.m.p4 | 7:40 |  |
| 76. Deleting Cookies with PHP.m.p4 | 2:43 |  |
| 77. File Handling- Writing to a File.mp4 | 6:55 |  |
| 78. File Handling- Reading a File.mp4 | 8:50 |  |
| 79. File Handling- Appending a File.mp4 | 6:58 |  |
| 80. The explode Function with File Handling Example.mp4 | 6:59 |  |
| 81. The implode Function with File Handling Example.mp4 | 2:55 |  |
| 82. File Handling- Listing Files Part 1.mp4 | 5:29 |  |
| 83. File Handling- Listing Files Part 2.mp4 | 4:52 |  |
| 84. File Handling- Checking if a File Exists.mp4 | 6:51 |  |
| 85. File Handling- Deleting and Renaming Files Part 1.mp4 | 5:11 |  |
| 86. File Handling- Deleting and Renaming Files Part 2.mp4 | 5:00 |  |
| 87. Uploading Files- The Basics.mp4 | 7:42 |  |
| 88. Uploading Files- The Basics Part 2.mp4 | 6:32 |  |
| 89. Uploading Files- Restricting File Size.mp4 | 8:06 |  |
| 90. Uploading Files- Restricting File Extensions Part 1.mp4 | 5:11 |  |
| 91. Uploading Files- Restricting File Extensions Part 2.mp4 | 5:52 |  |
| 92. Creating a non-unique Hit Counter.mp4 | 9:25 |  |
| 93. Creating a File Based Unique Hit Counter Part 1.mp4 | 7:21 |  |
| 94. Creating a File Based Unique Hit Counter Part 2.mp4 | 6:28 |  |
| 95. Creating a File Based Unique Hit Counter Part 3.mp4 | 7:00 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 18: PHP by Harish Varma** |  | **27th January** |
| 96. MD5 Encryption Part 1.mp4 | 7:47 | 10-11:30 a.m. |
| 97. MD5 Encryption Part 2.mp4 | 8:08 |  |
| 98. Sending an Email Part 1.mp4 | 5:05 |  |
| 99. Sending an Email Part 2.mp4 | 5:00 |  |
| 100. Creating a Simple Contact Form Part 1.mp4 | 5:27 |  |
| 101. Creating a Simple Contact Form Part 2.mp4 | 5:43 |  |
| 102. Creating a Simple Contact Form Part 3.mp4 | 6:03 |  |
| 103. Creating a Simple Contact Form Part 4.mp4 | 5:31 |  |
| 104. An Introduction to XML.mp4 | 6:23 |  |
| 105. Reading a Simple XML File- Part 1.mp4 | 9:55 |  |
| 106. Reading a Simple XML File- Part 2.mp4 | 7:35 |  |
| 107. A YouTube XML Example.mp4 | 8:52 |  |
| *Work Ethics by Jayasree* |  | 11.30-12 p.m. |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 19: PHP by Harish Varma** |  | **28th January** |
| 108. An Introduction to Databases.mp4 | 5:37 | 10-12:15 p.m. |
| 109. More About Databases.mp4 | 5:35 |  |
| 110. phpMyAdmin Part 1.mp4 | 6:30 |  |
| 111. phpMyAdmin Part 2.mp4 | 5:49 |  |
| 112. phpMyAdmin Part 3.mp4 | 6:15 |  |
| 113. Connecting to a Server and Database Part 1.mp4 | 6:21 |  |
| 114. Connecting to a Server and Database Part 2.mp4 | 5:58 |  |
| 115. SELECT Part 1.mp4 | 7:32 |  |
| 116. SELECT Part 2.mp4 | 7:57 |  |
| 117. SELECT Part 3.mp4 | 6:50 |  |
| 118. SELECT By Example Part 1.mp4 | 7:12 |  |
| 119. SELECT By Example Part 2.mp4 | 6:36 |  |
| 120. More Basic Querying Part 1.mp4 | 8:58 |  |
| 121. More Basic Querying Part 2.mp4 | 9:43 |  |
| 122. More Basic Querying Part 3.mp4 | 9:10 |  |
| 123. Creating a Database Hit Counter Part 1.mp4 | 7:38 |  |
| 124. Creating a Database Hit Counter Part 2.mp4 | 7:46 |  |
| 125. Creating a Database Hit Counter Part 3.mp4 | 5:44 |  |
| 126. Creating a Database Hit Counter Part 4.mp4 | 6:38 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 20: PHP by Harish Varma** |  | **29th January** |
| 127. LEFT JOIN.mp4 | 6:51 | 10-12.15 p.m. & 1-1.30 p.m. |
| 128. RIGHT JOIN.mp4 | 3:08 |  |
| 129. JOIN.mp4 | 3:28 |  |
| 130. LIKE With a Search Engine Example Part 1.mp4 | 4:48 |  |
| 131. LIKE With a Search Engine Example Part 2.mp4 | 4:50 |  |
| 132. LIKE With a Search Engine Example Part 3.mp4 | 5:02 |  |
| 133. LIKE With a Search Engine Example Part 4.mp4 | 4:34 |  |
| 134. SELECT DISTINCT.mp4 | 7:02 |  |
| 135. Creating Tables.mp4 | 7:51 |  |
| 136. Logging the User In Part 1.mp4 | 8:14 |  |
| 137. Logging the User In Part 2.mp4 | 7:23 |  |
| 138. Logging the User In Part 3.mp4 | 7:21 |  |
| 139. Logging the User In Part 4.mp4 | 7:28 |  |
| 140. Logging the User Out.mp4 | 5:54 |  |
| 141. Getting User Data Part 1.mp4 | 5:54 |  |
| 142. Getting User Data Part 2.mp4 | 5:20 |  |
| 143. Protecting the User Against SQL Injection.mp4 | 4:45 |  |
| 144. Registration Form Part 1.mp4 | 7:14 |  |
| 145. Registration Form Part 2.mp4 | 7:15 |  |
| 146. Registration Form Part 3.mp4 | 6:53 |  |
| 147. Registration Form Part 4.mp4 | 6:20 |  |
| 148. More Validation Part 1.mp4 | 6:30 |  |
| 149. More Validation Part 2.mp4 | 6:06 |  |
| 150. More Validation Part 3.mp4 | 5:56 |  |
| 151. SQL Injection Part 1.mp4 | 5:21 |  |
| 152. SQL Injection Part 2.mp4 | 5:41 |  |
| 153. SQL Injection Part 3.mp4 | 6:15 |  |
| 154. SQL Injection Part 4.mp4 | 6:46 |  |
| 155. SQL Injection Part 5.mp4 | 6:27 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 21: PHP by Harish Varma** |  | **30th January** |
| 156. Introduction to GD.mp4 | 7:24 | 10-11:30 a.m. |
| 157. Protecting Email with String to Image Part 1.mp4 | 7:23 |  |
| 158. Protecting Email with String to Image Part 2.mp4 | 7:45 |  |
| 159. Protecting Email with String to Image Part 3.mp4 | 8:07 |  |
| 160. Protecting Email with String to Image Part 4.mp4 | 7:54 |  |
| 161. Watermarking Images Part 1.mp4 | 7:18 |  |
| 162. Watermarking Images Part 2.mp4 | 7:24 |  |
| 163. Watermarking Images Part 3.mp4 | 9:30 |  |
| 164. Creating Captcha Image Security Part 1.mp4 | 7:27 |  |
| 165. Creating Captcha Image Security Part 2.mp4 | 7:39 |  |
| 166. Creating Captcha Image Security Part 3.mp4 | 6:24 |  |
| 167. Creating Captcha Image Security Part 4.mp4 | 5:52 |  |
| 168. Scaling Down Images to Thumbnails Part 1.mp4 | 7:24 |  |
| 169. Scaling Down Images to Thumbnails Part 2.mp4 | 7:06 |  |
| 170. Scaling Down Images to Thumbnails Part 3.mp4 | 7:41 |  |
| **Q & A session** |  | 11.30 -12:15 p.m. & 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 22: PHP by Harish Varma** |  | **31st January** |
| 185. Throwing an Exception.mp4 | 5:00 | 10-12 p.m. |
| 186. try, throw, catch.mp4 | 5:05 |  |
| 187. Custom Exceptions.mp4 | 9:24 |  |
| 188. Custom Error Messages.mp4 | 6:52 |  |
| 189. Introduction to OOP.m.p4 | 5:20 |  |
| 190. Classes, Properties, and Methods.mp4 | 6:23 |  |
| 191. Return a Property Value.mp4 | 7:01 |  |
| 192. Changing a Property Value.mp4 | 7:20 |  |
| 193. public, private, and protected.mp4 | 9:14 |  |
| 194. Constants.mp4 | 7:44 |  |
| 195. Class Constructor.mp4 | 5:00 |  |
| 196. Multiple Instances of Classes.mp4 | 7:34 |  |
| 197. extends Part 1.mp4 | 7:06 |  |
| 198. extends Part 2.mp4 | 7:06 |  |
| 199. Connecting to a Database the OOP Way.mp4 | 6:18 |  |
| 200. Final PHP Video!!!.mp4 | 6:02 |  |
| **Q & A session** |  | 4-5 p.m. |
| **Practice Session** |  |  |
| **Day 23: PHP by Harish Varma** |  | **1st February** |
| 171. Introduction to AJAX.mp4 | 8:17 | 10-11.15 a.m. |
| 172. Loading in file Contents to a DIV Part 1.mp4 | 6:18 |  |
| 173. Loading in file Contents to a DIV Part 2.mp4 | 6:43 |  |
| 174. Loading in file Contents to a DIV Part 3.mp4 | 5:44 |  |
| 175. Auto Suggest Application Part 1.mp4 | 6:47 |  |
| 176. Auto Suggest Application Part 2.mp4 | 5:58 |  |
| 177. Auto Suggest Application Part 3.mp4 | 7:46 |  |
| 178. Auto Suggest Application Part 5.mp4 | 5:55 |  |
| 179. Auto Suggest Application Part 4.mp4 | 6:35 |  |
| 180. POSTing Data Part 1.mp4 | 5:34 |  |
| 181. POSTing Data Part 2.mp4 | 5:13 |  |
| 182. POSTing Data Part 3.mp4 | 5:30 |  |
| 183. POSTing Data Part 4.mp4 | 5:47 |  |
| 184. POSTing Data Part 5.mp4 | 5:16 |  |
| **Q & A session** |  | 11.30-12 p.m. |
| **Practice Session** |  |  |
| Practice entire video series |  |  |
| **Day 24: PHP by Harish Varma & Jayasree** |  | **3rd February** |
| **Evaluation (Practical Test for PHP)** |  | 10 a.m. onwards |
|  |  |  |