**KGiSL Microcollege,coimbatore - 641035**

**Software Programming**

**JavaScript Syllabus and work allocation**

| **S.No.** | **Date** | **Syllabus** | **Trainer Name** |
| --- | --- | --- | --- |
| 1 | **27/02/2023**  Time: 8.30 am to 7.30 pm  **Monday** | Introduction to Programming with JavaScript   * How is JavaScript used in the real world? * Setting up VS code * Introduction to programming * Why JavaScript? * Programming in JavaScript * Variables * Data types * Writing statements * Looping constructs * For loop * While loop * Nested loops | Mr. D.Sakthivel |
| 2. | **28/02/2023**  Time: 11 am to 7.30 pm  **Tuesday** | Arrays | Ms.Dhanalakshmi |
| 3. | **01/03/2023**  Time: 8.30 am to 12.30 am | Objects | Mr. D.Sakthivel |
| **01/03/2023**  Time: 4.30 am to 7.30 pm  **Wednesday** | Function | Ms.Dhanalakshmi |
| 4. | **02/03/2023**  Time: 8.30 am to 12.30 am | Maths & DOM | Mr. D.Sakthivel |
| **02/03/2023**  Time: 4.30 am to 7.30 pm  **Thursday** | Date & String | Ms.Dhanalakshmi |
| 5 | **03/03/2023**  Time: 8.30 am to 12.30 am | DOM | Mr. D.Sakthivel |
| **03/03/2023**  Time: 4.30 am to 7.30 pm  **Friday** | Classes & objects  Constructor | Ms.Dhanalakshmi |
| 6 | **04/03/2023**  Time: 8.30 am to 12.30 am | Events | Mr. D.Sakthivel |
| **04/03/2023**  Time: 4.30 am to 7.30 pm  **Saturday** | Inheritance, setter and getter method | Ms.Dhanalakshmi |
| 7 | **05/03/2023**  Time: 8.30 am to 12.30 am | Regular Expressions | Mr. D.Sakthivel |
| 05/03/2023  Time: 4.30 am to 7.30 pm  **Sunday** | Arrow functions , Spread/Rest Operator | Ms.Dhanalakshmi |
| 8 | **06/03/2023**  Time: 8.30 am to 12.30 am | [Introduction to functional programming](https://www.coursera.org/lecture/programming-with-javascript/introduction-to-functional-programming-KTOth)  Function calling and recursion  Introduction to scope  Scoping with var, let and const  Comparing var, let and const | Mr. D.Sakthivel |
| **06/03/2023**  Time: 4.30 am to 7.30 pm  **Monday** | Map | Ms.Dhanalakshmi |
| 9 | **07/03/2023**  Time: 8.30 am to 12.30 am | Destructing objects , For- of loops and objects | Mr. D.Sakthivel |
| **07/03/2023**  Time: 4.30 am to 7.30 pm  **Tuesday** | Map | Ms.Dhanalakshmi |
| 10 | **08/03/2023**  Time: 8.30 am to 12.30 am | Destructing objects , For- of loops and objects | Mr. D.Sakthivel |
| **08/03/2023**  Time: 4.30 am to 7.30 pm  **Wednesday** | callback function,setTimeout, JSON | Ms.Dhanalakshmi |
| 11 | **09/03/2023**  Time: 8.30 am to 12.30 am | Practice | Mr. D.Sakthivel |
| **09/03/2023**  Time: 4.30 am to 7.30 pm  **Thursday** | Practice | Ms.Dhanalakshmi |