** INDIAN SCHOOL AL WADI AL KABIR**

**DEPARTMENT OF COMPUTER SCIENCE**

**ACADEMIC YEAR: 2018-2019: CLASS : XI**

 **SUBJECT: COMPUTER SCIENCE**

 **SYLLABUS PLAN – (AUG 2018 – FEB 2019)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Month** | **No. of working days/periods** | **Week** | **No. of periods** | **Topic** | **Q.B./work sheet** | **Activities** |
| From | To |  |  |  |  |
| **August 2018** | 2 Days | 1st Aug 2018 | 2nd Aug 2018 | 3 | Flow of Control – Selection Statement- if ,if..else, else if Ladder |  |  |
| 5 Days | 5th Aug 2018 | 9th Aug 2018 | 8 | Flow of Control – for, while, do..while loops | Flow of Control – Worksheet 1 |  |
| 4 Days | 12th Aug 2018 | 16th Aug 2018 | 7 | Flow of Control – Nested Loops – Conversion between loops – loop output programs |  |  |
| 3 Days | 19th Aug 2018 | 23rd Aug 2018 | 5 | Jump Statements – goto, break, continue statements and exit() function. |  |  |
| 5 Days | 26th Aug 2018 | 30th Aug 2018 | 8 | Flow of control | Flow of Control – Worksheet 2 |  |
| **September 2018** | 5 Days | 2nd Sep 2018 | 6th Sep 2018 | 8 | Revision on Flow of Control |  |  |
| 2 Days | 9th Sep 2018 | 10th Sep 2018 | 3 | Assessment - I |  |  |
| **October 2018** | 4 Days | 1st Oct 2018 | 4th Oct 2018 | 7 | Arrays – Introduction, Need for Arrays, Type of Arrays, Initialization |  |  |
| 5 Days | 7th Oct 2018 | 11th Oct 2018 | 8 | One Dimensional Array Programs |  |  |
| 4 Days | 14th Oct 2018 | 17th Oct 2018 | 7 | Two Dimensional Array Programs | Worksheet on Arrays |  |
| 5 Days | 21st Oct 2018 | 25th Oct 2018 | 8 | Standard Library Functions – random(), String functions. |  |  |
| 4 Days | 28th Oct 2018 | 31st Oct 2018 | 7 | Character & mathematical functions |  |  |
| **November 2018** | 1 Day | 1st Nov 2018 | 1st Nov 2018 | 2 | User Defined Functions – Prototype |  |  |
| 3 Days | 4th Nov 2018 | 6th Nov 2018 | 5 | Accessing a Function – Default Arguments, Constants |  |  |
| 3 Days | 11th Nov 2018 | 15th Nov 2018 | 5 | Call By Value & Call By Reference | Worksheet on Functions |  |
| 4 Days | 18th Nov 2018 | 22nd Nov 2018 | 7 | Revision on Arrays & Functions |  |  |
| 5 Days | 25th Nov 2018 | 29th Nov 2018 | 8 | Revision on Unit Test 1 - Syllabus |  |  |
| **December 2018** | 4 Days | 2nd Dec 2018 | 5th Dec 2018 | 7 | Revision on Assessment 1 - Syllabus |  |  |
| 2 Days | 9th Dec 2018 | 10th Dec 2018 | 3 | Assessment - II |  |  |
| **January 2019** | 2 Days | 9th Jan 2019 | 10th Jan 2019 | 3 | Structures – Introduction – Referencing Structure Elements – Structure Programs |  |  |
| 5 Days | 13th Jan 2019 | 17th Jan 2019 | 8 | Structures :Nested Structures – Passing Structures to Functions | Worksheet on Structures |  |
| 5 Days | 20th Jan 2019 | 24th Jan 2019 | 8 | User Defined Data types – TypeDef - #define – preprocessor directives |  |  |
| 5 Days | 27th Jan 2019 | 31st Jan 2019 | 8 | Passing Structures to Functions - Call By Value, Call By Reference using structures. Programming Methodology & Revision | Worksheet on Arrays |  |
| **February 2019** | 5 Days | 3rd Feb 2019 | 7th Feb 2019 | 8 | Revision |  |  |
| 5 Days | 10th Feb 2019 | 14th Feb 2019 | 8 |  |  |  |
| **Total** | 97 Days |  |  | 159 |  |  |  |