

### FTFL IoT Trainee internship Program Schedule

| Serial number | Date       | Class topic  |
|---------------|------------|--|
| 1             | 11/05/2020 | Introduction to IoT  |
| 2             | 12/05/2020 | Introduction to IoT  |
| 3             | 13/05/2020 | Introduction to IoT  |
| 4             | 14/05/2020 | Introduction to IoT  |
| 5             | 17/05/2020 | Embedded system  |
| 6             | 18/05/2020 | Embedded system  |
| 7             | 20/05/2020 | Networking   |
| 8             | 21/05/2020 | Networking   |
| 9             | 28/05/2020 | C programming  |
| 10            | 31/05/2020 | C programming  |
| 11            | 1/06/2020  | C programming  |
| 12            | 2/06/2020  | C programming  |
| 13            | 3/26/2020  | C programming<br>( Assignment on Fibonacci Series,GCD, LCM, Palindrome number)   |
| 14            | 4/06/2020  | C programming  |
| 15            | 7/06/2020  | C programming<br>(Assignment on Calculator)                                      |
| 16            | 8/06/2020  | C programming<br>(Group assignment on Pointer)                                   |
| 17            | 9/06/2020  | C programming<br>( Project allotted to groups: Smart home structure design by C) |
| 18            | 10/06/2020 | C programming  |

| Serial number | Date       | Class topic   |
|---------------|------------|---|
| 19            | 11/06/2020 | C programming   |
| 20            | 14/06/2020 | C programming<br>( Project submission : Smart Home)                               |
| 21            | 15/06/2020 | Arduino<br>(Surprise test and LM35 temperature sensor task)                       |
| 22            | 16/06/2020 | Arduino ( Surprise test and Random LED problem task)                              |
| 23            | 17/06/2020 | Arduino<br>(Surprise test and project allotted to groups : Smart Home by arduino) |
| 24            | 18/06/2020 | Arduino ( Surprise test)  |
| 25            | 21/06/2020 | Arduino<br>(Task of potentiometer and push button LED light controlling)          |
| 26            | 22/06/2020 | Arduino<br>(Smart home project related Work)                                      |
| 27            | 23/06/2020 | Arduino<br>(Smart home project related Work)                                      |
| 28            | 24/06/2020 | Arduino<br>(Smart home project related Work)                                      |
| 29            | 25/06/2020 | Arduino<br>(Smart home project related Work)                                      |
| 30            | 28/06/2020 | Arduino<br>( Motor : DC motor, Stepper motor, Servo motor)                        |

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| 31 | 29/06/2020 | Arduino<br>( ESP module, Gyroscope accelerometer)     |
| 32 | 30/06/2020 | Arduino<br>( GSM module )                             |
| 33 | 01/07/2020 | Arduino<br>( bluetooth module, GSM module extensive ) |
| 34 | 02/07/2020 | Arduino (LCD, Keypad)                                 |
| 35 | 04/07/2020 | Arduino (Revision)                                    |
| 36 | 06/07/2020 | Arduino (Revision)                                    |
| 37 | 07/07/2020 | Arduino (Revision)                                    |
| 38 | 08/07/2020 | Arduino (Revision)                                    |
| 39 | 09/07/2020 | Arduino (Revision)                                    |
| 40 | 11/07/2020 | Arduino (Revision)                                    |
| 41 | 12/07/2020 | Arduino (Revision)                                    |
| 42 | 13/07/2020 | Arduino (Revision)                                    |
| 43 | 14/07/2020 | Arduino (Revision)                                    |
| 44 | 15/07/2020 | Arduino (Revision)                                    |
| 45 | 16/07/2020 | Python(basic operations)                              |
| 46 | 19/07/2020 | Python(basic operations)                              |
| 47 | 20/07/2020 | Python(basic operations)                              |
| 48 | 21/07/2020 | Python(basic operations)                              |
| 49 | 22/07/2020 | Python(basic operations)                              |
| 50 | 23/07/2020 | Python(basic operations)                              |

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| 51 | 26/07/2020 | Python(basic operations) |
| 52 | 27/07/2020 | Python(basic operations) |
| 53 | 4/08/2020  | Raspberry Pi             |
| 54 | 5/08/2020  | Raspberry Pi             |
| 55 | 6/08/2020  | Raspberry Pi             |
| 56 | 9/08/2020  | Raspberry Pi             |