| Embedded Systems Lab | | |
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| LabView Module | | |
| Experiment Name | Method of Teaching | Remarks |
| Exp#1: Introduction to Lab View | Face to Face |  |
| Exp#4: LabVIEW with Arduino using LINX | Face to Face |  |
| Arduino Module | | |
| Exp#2: Introduction to Arduino | Face to Face |  |
| Exp#3: I2C protocol and its Applications | Face to Face |  |
|  | Face to Face |  |
| MBED Module | | |
| Exp#5: Introduction to MBED | Online |  |
| Exp#6: Digital input/outputs in MBED | Face to Face |  |
| Exp#7: Introduction to ADC and Timers in MBED | Face to Face |  |
| Raspberry Pi Module | | |
| Exp#8 : Getting Started with Linux | Face to Face |  |
| Exp#9: Learning & Programming Python | Face to Face |  |
| Exp#10: Introduction to Raspberry Pi | Face to Face |  |
| Exp#11: Applications on Raspberry Pi | Face to Face |  |
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| Marks Policy | | |
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| Item | Description | Weight |
| TO Do | Tasks to be conducted within the Lab. | 10 |
| Quizzes | A quiz at least will be conducted after every module. | 20 |
| Reports | Reports should be delivered for the first 4 modules. | 25 |
| Final Exam | Practical final exam will be conducted in the lab; details about the Exam will be delivered in the appropriate time slot. | 45 |