## **VERTICAL 6: SENSOR TECHNOLOGIES AND IOT**

| SL.<br>NO. | COURSE<br>CODE | COURSE TITLE                      | CATE<br>GORY | PERIODS<br>PER WEEK |   |   | TOTAL<br>CONTACT | CREDITS |
|------------|----------------|-----------------------------------|--------------|---------------------|---|---|------------------|---------|
|            |                |                                   |              | L                   | Т | Р | PERIODS          |         |
| 1.         | CEC369         | IoT Processors                    | PEC          | 2                   | 0 | 2 | 4                | 3       |
| 2.         | CEC368         | IoT Based Systems Design          | PEC          | 3                   | 0 | 0 | 3                | 3       |
| 3.         | CEC365         | Wireless Sensor<br>Network Design | PEC          | 3                   | 0 | 0 | 3                | 3       |
| 4.         | CEC367         | Industrial IoT and Industry 4.0   | PEC          | 2                   | 0 | 2 | 4                | 3       |
| 5.         | CEC340         | MEMS Design                       | PEC          | 2                   | 0 | 2 | 4                | 3       |
| 6.         | CEC339         | Fundamentals of Nanoelectronics   | PEC          | 2                   | 0 | 2 | 4                | 3       |