

### Theory Online Classes Details

| S.No. | Year/  | Subject                            | Date of Lecture &          | Topic                                 | App Used               | Link (if any Resources)   |
|-------|--------|------------------------------------|----------------------------|---------------------------------------|------------------------|---|
| 1     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 01-04-2020 / 9:35 -10:30   | INTRO TO MSP430 MICROCONTROLLER       | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/og4YV4Jem-A">https://youtu.be/og4YV4Jem-A</a> |
| 2     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 03-04-2020 / 3:20 - 4:15   | Features of MSP430 , RISC & CISC      | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/FC5-8rThiKl">https://youtu.be/FC5-8rThiKl</a> |
| 3     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 04-04-2020 / 1:20 - 2:15   | BLOCK DAIGRAM OF MSP430               | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/AcXxBLOh_MI">https://youtu.be/AcXxBLOh_MI</a> |
| 4     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 06-04-2020 / 8:40 - 9:35   | RO,R1,R2 REGISTERS                    | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/9A_G2FYOP1k">https://youtu.be/9A_G2FYOP1k</a> |
| 5     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 08-04-2020 / 8:40 - 9:35   | CG1,CG2 & GENERAL PURPOSE REGISTERS   | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/9A_G2FYOP1k">https://youtu.be/9A_G2FYOP1k</a> |
| 6     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 9-04-2020 / 10:50 -11:45   | Addressing Modes of MSP430            | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/boQLylyQ0NU">https://youtu.be/boQLylyQ0NU</a> |
| 7     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 13-04-2020 / 8:40 - 9:35   | Addressing Modes of MSP430            | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/boQLylyQ0NU">https://youtu.be/boQLylyQ0NU</a> |
| 8     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 15-04-2020 / 9:35 -10:30   | MSP430 NUMBERING,FEATURES OF          | CISCO WEBX MEETING APP | <a href="https://youtu.be/-ucLJYlfreY">https://youtu.be/-ucLJYlfreY</a> |
| 9     | III-II | MICROPROCESSOR AND MICROCONTROLLER | 16-04-2020/ 10:50-11:45    | INSTUCTION SETS OF MSP430(MOV,STACK   | CISCO WEBX MEETING APP | <a href="https://youtu.be/2bF2K_pZ0DQ">https://youtu.be/2bF2K_pZ0DQ</a> |
| 10    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 17-04-2020 / 3:20 - 4:15   | INSTUCTION SETS OF                    | CISCO WEBX MEETING APP | <a href="https://youtu.be/ddehpg_T8Jo">https://youtu.be/ddehpg_T8Jo</a> |
| 11    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 20-04-2020 / 8:40 - 9:35   | INSTRUCTION SET OF MSP430(SHIFT &     | CISCO WEBX MEETING APP | <a href="https://youtu.be/kKzAShE2h0k">https://youtu.be/kKzAShE2h0k</a> |
| 12    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 22-04-2020 / 9:35 -10:30   | INSTRUCTION SET OF MSP430(FLOW OF     | CISCO WEBX MEETING APP | <a href="https://youtu.be/A62SI4CtXWI">https://youtu.be/A62SI4CtXWI</a> |
| 13    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 23-04-2020/10:50 -11:45    | MSP430X5XX SERIES BLOCK DIAGRAM ,     | CISCO WEBX MEETING APP | <a href="https://youtu.be/3pTQSNWrpkY">https://youtu.be/3pTQSNWrpkY</a> |
| 14    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 27-04-2020 / 8:40 - 9:35   | ON CHIP PERICHERALS                   | CISCO WEBX MEETING APP | <a href="https://youtu.be/z-it2oUHICQ">https://youtu.be/z-it2oUHICQ</a> |
| 15    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 29-04-2020 / 1:20 - 2:15   | ADDRESS SPACE OR MEMORY               | CISCO WEBX MEETING APP | <a href="https://youtu.be/sS1B5u-s70g">https://youtu.be/sS1B5u-s70g</a> |
| 16    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 29-04-2020 / 1:20 - 2:15   | SAMPLE EMBEDDED SYSTEM ON MSP430      | CISCO WEBX MEETING APP | <a href="https://youtu.be/hXBJA-mwQ_0">https://youtu.be/hXBJA-mwQ_0</a> |
| 17    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 30-04-2020/10:50 -11:45    | Instruction sets of ADD,ADDC,ADC with | CISCO WEBX MEETING APP | <a href="https://youtu.be/ScaLPfit2eo">https://youtu.be/ScaLPfit2eo</a> |
| 18    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 04-05-2020 / 8:30 - 9:30   | Serial and Parllel Transmission ,     | CISCO WEBX MEETING APP | <a href="https://youtu.be/4QYAG3N0MV0">https://youtu.be/4QYAG3N0MV0</a> |
| 19    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 07-05-2020 / 10:50 - 11:50 | SERIAL COMMUNICATION BASIC            | CISCO WEBX MEETING APP | <a href="https://youtu.be/yoeZs12Dk8">https://youtu.be/yoeZs12Dk8</a>   |
| 20    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 08-05-2020 / 9:30 - 10:30  | SPI PROTOCOL                          | CISCO WEBX MEETING APP | <a href="https://youtu.be/NS0pPWNUKyY">https://youtu.be/NS0pPWNUKyY</a> |
| 21    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 11-05-2020 / 8:30 - 9:30   | SPI PROTOCOL BLOCK DAIGRAM ,          | CISCO WEBX MEETING APP | <a href="https://youtu.be/NS0pPWNUKyY">https://youtu.be/NS0pPWNUKyY</a> |
| 22    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 14-05-2020 / 10:50 - 11:50 | UART PROTOCOL UCAX MODEX , IDLE       | CISCO WEBX MEETING APP | <a href="https://youtu.be/y6eNp6PBS4c">https://youtu.be/y6eNp6PBS4c</a> |
| 23    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 15-05-2020 / 9:30 - 10:30  | UART PROTOCOL BLOCK DAIGRAM           | CISCO WEBX MEETING APP | <a href="https://youtu.be/y6eNp6PBS4c">https://youtu.be/y6eNp6PBS4c</a> |
| 24    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 18-05-2020 / 8:30 - 9:30   | I2C PROTOCOL BLOCK DAIGRAM ,          | CISCO WEBX MEETING APP | <a href="https://youtu.be/VEgNZgl-pOQ">https://youtu.be/VEgNZgl-pOQ</a> |
| 25    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 21-05-2020 / 10:50 - 11:50 | USB PROTOCOL                          | CISCO WEBX MEETING APP | <a href="https://youtu.be/VEgNZgl-pOQ">https://youtu.be/VEgNZgl-pOQ</a> |
| 26    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 22-05-2020 / 9:30 - 10:30  | USB , EMBEDED WIFI USING CC3100       | CISCO WEBX MEETING APP | <a href="https://youtu.be/p5DLzNZjqMA">https://youtu.be/p5DLzNZjqMA</a> |
| 27    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 22-05-2020 / 10:50 - 11:50 | I/O PORTS PULL UP AND BY PULL DOWN    | CISCO WEBX MEETING APP | <a href="https://youtu.be/TUgtGZgKglQ">https://youtu.be/TUgtGZgKglQ</a> |
| 28    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 28-05-2020 / 10:50 - 11:50 | LOW POWER ASSPECTS MSP430 , FRAM      | CISCO WEBX MEETING APP | <a href="https://youtu.be/LRPlqmCdbA">https://youtu.be/LRPlqmCdbA</a>   |
| 29    | III-II | MICROPROCESSOR AND MICROCONTROLLER | 29-05-2020 / 9:30 - 10:30  | PWM CONTROL , ADC & COMPARATOR IN     | CISCO WEBX MEETING APP | <a href="https://youtu.be/yYgDGOVKmDU">https://youtu.be/yYgDGOVKmDU</a> |

| III YR EEE -MPMC |        |                                    |                            |                                     |                        |   |
|------------------|--------|------------------------------------|----------------------------|-------------------------------------|------------------------|---|
| 1                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 01-04-2020 / 3:10 - 4:15   | INTRO TO MSP430 MICROCONTROLLER     | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/og4YV4Jem-A">https://youtu.be/og4YV4Jem-A</a> |
| 2                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 03-04-2020 / 10:50 - 11:45 | Features of MSP430 , RISC & CISC    | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/FC5-8rThiKl">https://youtu.be/FC5-8rThiKl</a> |
| 3                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 06-04-2020 / 11:45 - 12:40 | BLOCK DAIGRAM OF MSP430             | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/AcXxBLOh MI">https://youtu.be/AcXxBLOh MI</a> |
| 4                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 07-04-2020 / 8:40 - 9:35   | RO,R1,R2 REGISTERS                  | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/9A G2FYOP1k">https://youtu.be/9A G2FYOP1k</a> |
| 5                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 08-04-2020 / 3:20 - 4:15   | CG1,CG2 & GENERAL PURPOSE REGISTERS | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/9A G2FYOP1k">https://youtu.be/9A G2FYOP1k</a> |
| 6                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 13-04-2020 / 11:45 - 12:40 | Addressing Modes of MSP430          | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/boQLylyQ0NU">https://youtu.be/boQLylyQ0NU</a> |
| 7                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 15-04-2020 / 3:20 - 4:15   | Addressing Modes of MSP430          | SELF VIDEO ON YOUTUBE  | <a href="https://youtu.be/boQLylyQ0NU">https://youtu.be/boQLylyQ0NU</a> |
| 8                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 17-04-2020 / 10:50 - 11:45 | MSP430 NUMBERING,FEATURES OF        | CISCO WEBX MEETING APP | <a href="https://youtu.be/-ucLIYlfreY">https://youtu.be/-ucLIYlfreY</a> |
| 9                | III-II | MICROPROCESSOR AND MICROCONTROLLER | 20-04-2020 / 11:45 - 12:40 | INSTUCTION SETS OF MSP430(MOV,STACK | CISCO WEBX MEETING APP | <a href="https://youtu.be/2bF2K pZ0DQ">https://youtu.be/2bF2K pZ0DQ</a> |
| 10               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 21-04-2020 / 8:40 -9:35    | INSTUCTION SETS OF                  | CISCO WEBX MEETING APP | <a href="https://youtu.be/ddehpg T8Jo">https://youtu.be/ddehpg T8Jo</a> |
| 11               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 22-04-2020 / 3:20 - 4:15   | INSTRUCTION SET OF MSP430(SHIFT &   | CISCO WEBX MEETING APP | <a href="https://youtu.be/kKzAShE2h0k">https://youtu.be/kKzAShE2h0k</a> |
| 12               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 24-04-2020 / 10:50 - 11:45 | MSP430X5XX SERIES BLOCK DIAGRAM ,   | CISCO WEBX MEETING APP | <a href="https://youtu.be/3pTQSNWrpkY">https://youtu.be/3pTQSNWrpkY</a> |
| 13               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 27-04-2020 / 11:45 - 12:40 | ON CHIP PERICHERALS                 | CISCO WEBX MEETING APP | <a href="https://youtu.be/z-jt2oUHICQ">https://youtu.be/z-jt2oUHICQ</a> |
| 14               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 28-04-2020 / 8:40 - 9:35   | ADDRESS SPACE OR MEMORY             | CISCO WEBX MEETING APP | <a href="https://youtu.be/sS1B5u-s70g">https://youtu.be/sS1B5u-s70g</a> |
| 15               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 29-04-2020 / 3:20 - 4:15   | SAMPLE EMBEDDED SYSTEM ON MSP430    | CISCO WEBX MEETING APP | <a href="https://youtu.be/hXBJA-mwQ_0">https://youtu.be/hXBJA-mwQ_0</a> |
| 16               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 04-05-2020 / 10:50 - 11:50 | Basic of serial communication       | CISCO WEBX MEETING APP | <a href="https://youtu.be/yoeZsl12Dk8">https://youtu.be/yoeZsl12Dk8</a> |
| 17               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 05-05-2020 / 8:30 - 9:30   | SPI Features , Operation of SPI     | CISCO WEBX MEETING APP | <a href="https://youtu.be/NSOpPWNUKyY">https://youtu.be/NSOpPWNUKyY</a> |
| 18               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 06-05-2020 / 9:30 - 10:30  | SPI PROTOCAL BLOCK DAIGRAM , CONTRL | CISCO WEBX MEETING APP | <a href="https://youtu.be/NSOpPWNUKyY">https://youtu.be/NSOpPWNUKyY</a> |
| 19               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 11-05-2020 / 10:50 - 11:50 | OPERATION OF UART PROTOCOL          | CISCO WEBX MEETING APP | <a href="https://youtu.be/y6eNp6PBS4c">https://youtu.be/y6eNp6PBS4c</a> |
| 20               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 12-05-2020 / 8:30 - 9:30   | UART PROTOCOL UCAx MODEX , IDLE     | CISCO WEBX MEETING APP | <a href="https://youtu.be/y6eNp6PBS4c">https://youtu.be/y6eNp6PBS4c</a> |
| 21               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 13-05-2020 / 9:30 - 10:30  | UART PROTOCOL BLOCK DAIGRAM         | CISCO WEBX MEETING APP | <a href="https://youtu.be/y6eNp6PBS4c">https://youtu.be/y6eNp6PBS4c</a> |
| 22               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 14-05-2020 / 11:50 - 12:50 | I2C PROTOCOL BLOCK DAIGRAM ,        | CISCO WEBX MEETING APP | <a href="https://youtu.be/VEgNZgl-pOQ">https://youtu.be/VEgNZgl-pOQ</a> |
| 23               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 18-05-2020 / 10:50 - 11:50 | USB PROTOCOL                        | CISCO WEBX MEETING APP | <a href="https://youtu.be/VEgNZgl-pOQ">https://youtu.be/VEgNZgl-pOQ</a> |
| 24               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 19-05-2020 / 8:30 - 9:30   | USB , EMBEDED WIFI USING CC3100     | CISCO WEBX MEETING APP | <a href="https://youtu.be/p5DLzNZjqMA">https://youtu.be/p5DLzNZjqMA</a> |
| 25               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 20-05-2020 / 9:30 - 10:30  | I/O PORTS FULL UP AND BY DOWN       | CISCO WEBX MEETING APP | <a href="https://youtu.be/TUgtGZgKglQ">https://youtu.be/TUgtGZgKglQ</a> |
| 26               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 26-05-2020 / 8:30 - 9:30   | LOW POWER ASSPECTS MSP430 , FRAM    | CISCO WEBX MEETING APP | <a href="https://youtu.be/LRPlqmCdbA">https://youtu.be/LRPlqmCdbA</a>   |
| 27               | III-II | MICROPROCESSOR AND MICROCONTROLLER | 27-05-2020 / 9:30 - 10:30  | PWM CONTROL , ADC & COMPARATOR IN   | CISCO WEBX MEETING APP | <a href="https://youtu.be/yYgDGOVKmDU">https://youtu.be/yYgDGOVKmDU</a> |