

Circuit theory and  
electronic devices

| ANNUAL CURRICULAR                |      |                 |   |  | PLAN (Year)         |                |                   |                       |                             |                |                   |                       |              |   |    |               |
|----------------------------------|------|-----------------|---|--|---------------------|----------------|-------------------|-----------------------|-----------------------------|----------------|-------------------|-----------------------|--------------|---|----|---------------|
| NAME OF THE LECTURER: K. Jyothna |      |                 |   |  | CLASS: INECS        |                |                   | Semester: I           |                             | Paper: II      |                   |                       |              |   |    |               |
| MONTH                            | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY |                |                   |                       | CO-CURRICULAR ACTIVITY      |                |                   |                       |              |   |    |               |
|                                  |      |                 |   |  | Activity Conducted  | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted          | Hours Allotted | Whether Conducted | If not Alternate Date |              |   |    |               |
| Feb                              | 3    | 5               | definition of current & voltage, The sine wave, general format of sine wave for V/I | static field, magnetic field                     | -                   | 1              | -                 | -                     | -                           | -              | -                 | -                     | -            | - |    |               |
|                                  |      |                 | Average, RMS value, A.C & D.C difference, Phase Relation R, L, C                    | Transformers                                     | -                   | 1              | -                 | -                     | -                           | -              | -                 | -                     | -            | - |    |               |
|                                  | 4    | 5               | Loop Method, nodal Method.  | Kirchoff's laws                                  | -                   | -              | -                 | -                     | student seminar             | 1              | NO                | -                     | Aug 1st week |   |    |               |
| March                            | 1    | 5               | super position, Thevenin, Norton's Maximum, Hilliman                                | -  | -                   | -              | -                 | -                     | -                           | -              | -                 | -                     | -            | - |    |               |
|                                  |      |                 | Reciprocity theorem   | -  | -                   | -              | -                 | -                     | -                           | -              | -                 | -                     | -            | - |    |               |
|                                  | 2    | 5               | Frequency response of RC & RL ckt, their action as lowpass and highpass filters     | -  | -                   | -              | -                 | -                     | -                           | -              | -                 | -                     | -            | - |    |               |
|                                  | 3    | 5               | Passive differentiators and integrators circuits. series & parallel resonance       | -  | -                   | -              | -                 | -                     | will be shown youtube video | 1              | YES               | -                     | debate       | 1 | NO | Aug 1st weeks |
|                                  |      |                 |   | -  | -                   | -              | -                 | -                     | -                           | -              | -                 | -                     | -            | - | -  |               |

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K. Jyothna

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J. Reddy

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| ANNUAL CURRICULAR                      |                       |                 |  |  | PLAN (Year)                            |                |                   |                       |                         |  |                   |                       |                     |
|--|-----------------------|-----------------|--|--|--|----------------|-------------------|-----------------------|-------------------------|--|-------------------|-----------------------|---------------------|
| NAME OF THE LECTURER: <i>K. Jyothi</i> |                       |                 |  |  | CLASS: <i>ITAE0</i>                    |                |                   | Semester: <i>I</i>    |                         | Paper: <i>Circuit Theory and Electronic Device</i> |                   |                       |                     |
| MONTH                                  | WEEK                  | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY                    |                |                   |                       | CO-CURRICULAR ACTIVITY  |  |                   |                       |                     |
|  |                       |                 |  |  | Activity Conducted                     | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted      | Hours Allotted                                     | Whether Conducted | If not Alternate Date |                     |
|  | <i>5</i>              | <i>3</i>        | <i>BJT construction working and V-I characteristics of CE configurations</i> | <i>Thermal runaway</i>                           | <i>will be demonstrated CE BJT</i>     | <i>1</i>       | <i>Yes</i>        | <i>-</i>              | <i>-</i>                | <i>-</i>   | <i>-</i>          | <i>-</i>              | <i>-</i>            |
| <i>April</i>                           | <i>1</i>              | <i>3</i>        | <i>FET construction working and V-I characteristics</i>                      | <i>-</i>   | <i>-</i>                               | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>   | <i>-</i>          | <i>-</i>              | <i>-</i>            |
|  |                       |                 | <i>MOS FET construction working, characteristics</i>                         | <i>-</i>   | <i>-</i>                               | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>Group Discussion</i> | <i>1</i>   | <i>No</i>         | <i>-</i>              | <i>Aug 1st week</i> |
|  | <i>2<sup>nd</sup></i> | <i>5</i>        | <i>Advantage of FET over BJT</i>   | <i>-</i>   | <i>-</i>                               | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>   | <i>-</i>          | <i>-</i>              | <i>-</i>            |
|  | <i>3</i>              | <i>4</i>        | <i>Half wave, full wave Rectifier</i>  | <i>-</i>   | <i>will be shown model and circuit</i> | <i>1</i>       | <i>Yes</i>        | <i>-</i>              | <i>quiz</i>             | <i>1</i>   | <i>NO</i>         | <i>-</i>              | <i>Aug 1st week</i> |
|  | <i>4</i>              | <i>3</i>        | <i>Location, <math>\pi</math> section filters. ZPM</i>                       | <i>photo diode</i>                               | <i>-</i>                               | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>   | <i>-</i>          | <i>-</i>              | <i>-</i>            |
|  |                       |                 | <i>IC Regulators, LED, photo diode</i>                                       | <i>-</i>   | <i>-</i>                               | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>   | <i>-</i>          | <i>-</i>              | <i>-</i>            |

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| ANNUAL CURRICULAR                       |      |                 |   |  | PLAN (Year)                             |                |                   |                       | Human values and professional ethics |                |                   |                       |
|---|------|-----------------|---|--|---|----------------|-------------------|-----------------------|--------------------------------------|----------------|-------------------|-----------------------|
| NAMR OF THE LECTURER <i>K. Jyothsna</i> |      |                 |   |  | CLASS : <i>IB.Sc</i> Semester: <i>1</i> |                |                   |                       | Paper : <i>1</i>                     |                |                   |                       |
| MONTH                                   | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY                     |                |                   |                       | CO- CURRICULAR ACTIVITY              |                |                   |                       |
|   |      |                 |   |  | Activity Conducted                      | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted                   | Hours Allotted | Whether Conducted | If not Alternate Date |
| Feb                                     | 3    | 3               | understanding the need, basic guidelines  | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
|   | 4    | 3               | content and process for value Education understanding the thought. provoking issues; need for | moral values                                     | -                                       | 1              | -                 | -                     | -                                    | -              | -                 | -                     |
|   |      |                 | values in our daily life choices, making, choosy  | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
|   |      |                 | cherishing & Acting understanding   | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
| March                                   | 1    | 3               | Personal values, social, moral, spiritual values  | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
|   |      |                 | understanding how money in the family   | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
|   |      |                 | The basic unit of human interaction, understand the set of proposals of                       | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |
|   |      |                 | Verify the harmony in the family just & respect   | -  | -                                       | -              | -                 | -                     | -                                    | -              | -                 | -                     |

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Human values and professional  
Paper: Ethics

| ANNUAL CURRICULAR    |      |                 |   |  | PLAN (Year)                                   |                |                   |                       |                         |                |                   |                       |   |
|----------------------|------|-----------------|---|--|---|----------------|-------------------|-----------------------|-------------------------|----------------|-------------------|-----------------------|---|
| NAMR OF THE LECTURER |      |                 |   |  | CLASS : IBSC Semester : T                     |                |                   |                       | Paper : Ethics          |                |                   |                       |   |
| MONTH                | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY                           |                |                   |                       | CO- CURRICULAR ACTIVITY |                |                   |                       |   |
|                      |      |                 |   |  | Activity Conducted                            | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted      | Hours Allotted | Whether Conducted | If not Alternate Date |   |
| March                | 2    | 3               | Parents scenario: Differentiation in Relationships on the basis of body physical facility, or beliefs | -  | -   | 1              | -                 | -                     | -                       | -              | -                 | -                     | - |
|                      |      |                 | understanding the problem faced due to differentiation in relationships.                              | -  | will be show you be video Nisik Nisikes story | 1              | Yes               | -                     | -                       | -              | -                 | -                     | - |
|                      |      |                 | understanding the harmony in the society samadhan samadhi   | moral values                                     | -   | -              | -                 | -                     | moral story             | 1              | Yes               | -                     | - |
| March                | 4    | 3               | Abhay, Sahastitra as comprehensive  | -  | -   | -              | -                 | -                     | -                       | -              | -                 | -                     | - |
|                      |      |                 | Human gauravizing a universal harmonious order in society - undivided society, universal              | -  | -   | -              | -                 | -                     | -                       | -              | -                 | -                     | - |
|                      | 5    | 2               | order - from family to world family   | -  | -   | -              | -                 | -                     | -                       | -              | -                 | -                     | - |

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| ANNUAL CURRICULAR                     |          |                 |  |  | PLAN (Year)                             |                |                   |                       |   |                |                   |                       |          |
|---------------------------------------|----------|-----------------|--|--|---|----------------|-------------------|-----------------------|---|----------------|-------------------|-----------------------|----------|
| NAMR OF THE LECTURER <i>k. Jyothi</i> |          |                 |  |  | CLASS : <i>IBSC</i> Semester : <i>1</i> |                |                   |                       | Paper : <i>Human values and Professional Ethics</i> |                |                   |                       |          |
| MONTH                                 | WEEK     | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY                     |                |                   |                       | CO- CURRICULAR ACTIVITY                             |                |                   |                       |          |
|                                       |          |                 |  |  | Activity Conducted                      | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted                                  | Hours Allotted | Whether Conducted | If not Alternate Date |          |
| <i>Apr</i>                            | <i>1</i> | <i>2</i>        | <i>understanding about professional Integrity</i>  | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |
|                                       |          |                 | <i>Respect &amp; equality privacy</i>  | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |
|                                       | <i>2</i> | <i>3</i>        | <i>Building trusting relationships. understanding the concepts positive co-operation</i> | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |
|                                       |          |                 | <i>respecting the competence of other profession</i>                                     | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |
|                                       | <i>3</i> | <i>2</i>        | <i>Understanding about taking initiative and promoting the culture of openness</i>       | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |
|                                       | <i>4</i> | <i>2</i>        | <i>depicting loyalty towards goals objectives</i>  | <i>-</i>   | <i>-</i>                                | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>  | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i> |

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**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020 - 2021**

| <b>ANNUAL CURRICULAR</b>              |          |                 |   |  | <b>PLAN (Year)</b>    |                |                   |                       |                        |                                    |                   |                       |
|---------------------------------------|----------|-----------------|---|--|-----------------------|----------------|-------------------|-----------------------|------------------------|------------------------------------|-------------------|-----------------------|
| NAMR OF THE LECTURER <b>Y SRIDEVI</b> |          |                 |   |  | CLASS : <b>ITME C</b> |                |                   | Semester : <b>III</b> |                        | Paper : <b>Digital Electronics</b> |                   |                       |
| MONTH                                 | WEEK     | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY   |                |                   |                       | CO-CURRICULAR ACTIVITY |                                    |                   |                       |
|                                       |          |                 |   |  | Activity Conducted    | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted     | Hours Allotted                     | Whether Conducted | If not Alternate Date |
| Feb                                   | 1st week | 6               | K, map method of minimization techniques, Pairs, Quads, don't care conditions | -  | -                     | -              | -                 | -                     | -                      | -                                  | -                 | -                     |
|                                       |          |                 | Half Adder & Full Adder<br>Half Subtractor & Full Subtractor                  | Explanation of Adders                            | -                     | 1hr            | Yes               | -                     | -                      | -                                  | -                 | -                     |
|                                       | 2nd week | 6               | Parallel binary Adder, Multiplexer, & DEMultiplexer                           | -  | -                     | -              | -                 | -                     | QUIZ                   | 1hr                                | Yes               | -                     |
|                                       |          |                 | Encoder & Decoder<br>RTL<br>DTL   | Explanation of Logic families                    | -                     | 1hr            | Yes               | -                     | -                      | -                                  | -                 | -                     |
|                                       | 3rd week | 6               | TTL<br>CMOS<br>RS FF & DFF  | -  | -                     | -              | -                 | -                     | -                      | -                                  | -                 | -                     |
|                                       |          |                 | JK FF<br>JK Master-slave FF<br>Toggle FF.                                     | -  | -                     | -              | -                 | -                     | -                      | -                                  | -                 | -                     |

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SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU

CURRICULUM LECTURER WISE 2020- 2021

| ANNUAL CURRICULAR    |          |                 |   |  | II B.S.C (MEC) PLAN (Year) |                                     |                   |                       |                        |                 |                   |                       |   |
|----------------------|----------|-----------------|---|--|----------------------------|-------------------------------------|-------------------|-----------------------|------------------------|-----------------|-------------------|-----------------------|---|
| NAMR OF THE LECTURER |          |                 |   |  | CLASS :                    |                                     | Semester :        |                       | Paper :                |                 |                   |                       |   |
| Y. SRIDEVI           |          |                 |   |  | IIMEC                      |                                     | III               |                       | Digital Electronics    |                 |                   |                       |   |
| MONTH                | WEEK     | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY        |                                     |                   |                       | CO-CURRICULAR ACTIVITY |                 |                   |                       |   |
|                      |          |                 |   |  | Activity Conducted         | Hours Allotted                      | Whether Conducted | If not Alternate Date | Activity Conducted     | Hours Allotted  | Whether Conducted | If not Alternate Date |   |
| Dec                  | 1st week | 5               | Introduction to number system. Decimal, Binary Hexadecimal, octal, BCD conversions. | -  | -                          | -                                   | -                 | -                     | -                      | -               | -                 | -                     | - |
|                      |          |                 | 1's Complemental<br>2's complemental subtraction                                    | -  | -                          | -                                   | -                 | -                     | -                      | -               | -                 | -                     | - |
|                      | 2nd week | 5               | Binary Addition & subtraction<br>Gray code & Excess-3 Code                          | -  | -                          | Shown you tube videos Excess-3 code | 1hr               | Yes                   | -                      | student seminar | 1hr               | Yes                   | - |
|                      |          |                 | Laws of Boolean Algebra.<br>De Morgan's Law<br>Logic gates.                         | -  | -                          | -                                   | -                 | -                     | -                      | -               | -                 | -                     | - |
| Jan                  | 3rd week | 4               | Universal gates<br>sum of products & Product of sum.                                | -  | -                          | -                                   | -                 | -                     | -                      | -               | -                 | -                     | - |
|                      |          |                 | simplify and expressions.   | -  | -                          | -                                   | -                 | -                     | -                      | -               | -                 | -                     | - |

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|--|-----------------|-----------------|--|--|-------------------------------|----------------|-----------------------|-----------------------|------------------------------------|----------------|-------------------|-----------------------|
| NAMR OF THE LECTURER <i>Y. SRIDEVI</i> |                 |                 |  |  | CLASS : <i>II MEC</i>         |                | Semester : <i>III</i> |                       | Paper : <i>Digital electronics</i> |                |                   |                       |
| MONTH                                  | WEEK            | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY           |                |                       |                       | CO- CURRICULAR ACTIVITY            |                |                   |                       |
|  |                 |                 |  |  | Activity Conducted            | Hours Allotted | Whether Conducted     | If not Alternate Date | Activity Conducted                 | Hours Allotted | Whether Conducted | If not Alternate Date |
| <i>Feb</i>                             | <i>4th week</i> | <i>6</i>        | <i>registers shift left &amp; shift right registers counters</i>             | <i>—</i>   | <i>Explanation registers.</i> | <i>1hr</i>     | <i>Yes</i>            | <i>—</i>              | <i>Debate</i>                      | <i>1hr</i>     | <i>Yes</i>        | <i>—</i>              |
|  |                 |                 | <i>Mod-10 counter<br/>Mod-16 counter<br/>Down counter<br/>PAL &amp; PLA.</i> | <i>Different types of counters</i>               | <i>—</i>                      | <i>1hr</i>     | <i>Yes</i>            | <i>—</i>              | <i>Group discussion</i>            | <i>1hr</i>     | <i>Yes</i>        | <i>—</i>              |
|  |                 |                 | <i>Semiconductor memories.</i>   |  |                               |                |                       |                       |                                    |                |                   |                       |
|  |                 |                 |  |  |                               |                |                       |                       |                                    |                |                   |                       |
|  |                 |                 |  |  |                               |                |                       |                       |                                    |                |                   |                       |
|  |                 |                 |  |  |                               |                |                       |                       |                                    |                |                   |                       |

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**CURRICULUM LECTURER WISE 2020- 2021**

| ANNUAL CURRICULAR              |          |                 |   |  | PLAN (Year)         |                |                   |                       |                        |                |                         |                       |
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| NAMR OF THE LECTURER Y-SRIDEVI |          |                 |   |  | CLASS : IIMEC       |                |                   |                       | Semester : ICA         |                | Paper : Microprocessors |                       |
| MONTH                          | WEEK     | HOURS AVAILABLE | SYLLABUS/ TOPIC   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY |                |                   |                       | CO-CURRICULAR ACTIVITY |                |                         |                       |
|                                |          |                 |   |  | Activity Conducted  | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted     | Hours Allotted | Whether Conducted       | If not Alternate Date |
| November                       | 3rd week | 4               | Introduction of HP. block dia of 8085.<br>Pin dia of 8085                           | -  | -                   | -              | -                 | -                     | -                      | -              | -                       | -                     |
|                                |          |                 | Data's Instructions<br>Arith metric &<br>Logical Instructions                       | Explanation of Instructions                      | -                   | 1hr            | Yes               | -                     | -                      | -              | -                       | -                     |
|                                | 4th week | 6               | Branch group of Inst's<br>Stack I/O Inst's.<br>Addressing modes of 8085. IC, FC, MC | -  | -                   | -              | -                 | -                     | Student seminar        | 1hr            | Yes                     | -                     |
|                                |          |                 | opcode Fetch cycle<br>Memory read<br>Memory write<br>IO read & IO write             | Memory interfacing read & write                  | -                   | 1hr            | Yes               | -                     | -                      | -              | -                       | -                     |
| December                       | 3rd week | 6               | RAM 8bit<br>ROM Address<br>EPROM extra<br>Programs for                              | -  | -                   | -              | -                 | -                     | -                      | -              | -                       | -                     |
|                                |          |                 | MUL DIV<br>Largest & Smallest<br>no. in a given array                               | -  | -                   | -              | -                 | -                     | -                      | -              | -                       | -                     |

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|---------------------------------------|------|-----------------|--|--|-------------------------|----------------|-------------------------|-----------------------|--------------------------------|----------------|-------------------|-----------------------|---|
| NAMR OF THE LECTURER <b>Y.SRIDEVI</b> |      |                 |  |  | CLASS : <b>III ME C</b> |                | Semester : <b>II CA</b> |                       | Paper : <b>MICROPROCESSORS</b> |                |                   |                       |   |
| MONTH                                 | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY     |                |                         |                       | CO-CURRICULAR ACTIVITY         |                |                   |                       |   |
|                                       |      |                 |  |  | Activity Conducted      | Hours Allotted | Whether Conducted       | If not Alternate Date | Activity Conducted             | Hours Allotted | Whether Conducted | If not Alternate Date |   |
| Dec                                   | 4TH  | 6               | Stack & subroutines<br>Debugging<br>2KX8 ROM<br>Data bus | -  | -                       | -              | -                       | -                     | -                              | -              | -                 | -                     | - |
|                                       | week |                 | I/O mapped & memory mapped.                              | -  | 1hr                     | Yes            | -                       | -                     | -                              | -              | -                 | -                     | - |
| Jan                                   | 3RD  | 5               | I/O Interfacing  | -  | -                       | -              | -                       | -                     | -                              | -              | -                 | -                     | - |
|                                       | week |                 | Memory Interfacing<br>Review and I/O Interfacing         | -  | -                       | -              | -                       | -                     | -                              | -              | -                 | -                     | - |
|                                       |      |                 |  |  |                         |                |                         |                       |                                |                |                   |                       |   |
|                                       |      |                 |  |  |                         |                |                         |                       |                                |                |                   |                       |   |

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| ANNUAL CURRICULAR                     |                 |                 |  |  | PLAN (Year)                       |                |                   |                       |                         |                |                                 |                       |  |
|---------------------------------------|-----------------|-----------------|--|--|-----------------------------------|----------------|-------------------|-----------------------|-------------------------|----------------|---------------------------------|-----------------------|--|
| NAMR OF THE LECTURER <i>V-SRIDEVI</i> |                 |                 |  |  | CLASS : <i>III MEC</i>            |                |                   |                       | Semester: <i>I(A)</i>   |                | Paper : <i>Micro Processors</i> |                       |  |
| MONTH                                 | WEEK            | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY               |                |                   |                       | CO- CURRICULAR ACTIVITY |                |                                 |                       |  |
|                                       |                 |                 |  |  | Activity Conducted                | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted      | Hours Allotted | Whether Conducted               | If not Alternate Date |  |
| <i>Jan</i>                            | <i>4th week</i> | <i>4</i>        | <i>Programmable Peripheral device (8255)</i>                             | <i>-</i>   | <i>-</i>                          | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>       | <i>-</i>                        | <i>-</i>              |  |
|                                       |                 |                 | <i>Mode, Block diagram &amp; Junctions.</i>                              | <i>-</i>   | <i>Draw the block dia of 8255</i> | <i>1hr</i>     | <i>Yes</i>        | <i>-</i>              | <i>Debate</i>           | <i>1hr</i>     | <i>Yes</i>                      | <i>-</i>              |  |
| <i>Feb</i>                            | <i>1st week</i> | <i>5</i>        | <i>8279 Block-diagram</i>  | <i>-</i>   | <i>-</i>                          | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>       | <i>-</i>                        | <i>-</i>              |  |
|                                       |                 |                 | <i>Display Interface Reverse the Ring diagram to 01 code Fetch Cycle</i> | <i>-</i>   | <i>-</i>                          | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>       | <i>-</i>                        | <i>-</i>              |  |
| <i>Feb</i>                            | <i>2nd week</i> | <i>6</i>        | <i>Simple temperature controller</i>                                     | <i>-</i>   | <i>-</i>                          | <i>-</i>       | <i>-</i>          | <i>-</i>              | <i>-</i>                | <i>-</i>       | <i>-</i>                        | <i>-</i>              |  |
|                                       |                 |                 | <i>stepper motor control interface</i>                                   | <i>Working principle of stepper motor</i>        | <i>-</i>                          | <i>1hr</i>     | <i>Yes</i>        | <i>-</i>              | <i>-</i>                | <i>-</i>       | <i>-</i>                        | <i>-</i>              |  |

Signature of the Lecturer

*V. Sridevi*

Signature of the HOD

*V. Sridevi*

Signature of the Principal

**SIR C.R.REDDY COLLEGE FOR WOMEN, ELURU**  
**CURRICULUM LECTURER WISE 2020- 2021**

| ANNUAL CURRICULAR                      |             |                 |  |  | PLAN (Year)              |                |                          |                       |                               |                |                   |                       |   |
|--|-------------|-----------------|--|--|--------------------------|----------------|--------------------------|-----------------------|-------------------------------|----------------|-------------------|-----------------------|---|
| NAMR OF THE LECTURER <i>Y. SRIDEVI</i> |             |                 |  |  | CLASS : <i>III M.E.C</i> |                | Semester : <i>II (A)</i> |                       | Paper : <i>Microprocessor</i> |                |                   |                       |   |
| MONTH                                  | WEEK        | HOURS AVAILABLE | SYLLABUS/ TOPIC  | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY      |                |                          |                       | CO- CURRICULAR ACTIVITY       |                |                   |                       |   |
|  |             |                 |  |  | Activity Conducted       | Hours Allotted | Whether Conducted        | If not Alternate Date | Activity Conducted            | Hours Allotted | Whether Conducted | If not Alternate Date |   |
| <i>Feb</i>                             | <i>3rd</i>  | <i>6</i>        | <i>Revise the instructions Set of 8085</i>   | -  | -                        | -              | -                        | -                     | -                             | -              | -                 | -                     | - |
|  | <i>Week</i> |                 | <i>Revise the block diag of 8085 &amp; Pin dia of 8085.</i>  | -  | -                        | -              | -                        | -                     | <i>Student seminar</i>        | <i>1hr</i>     | <i>Yes</i>        | -                     | - |
|  |             |                 |  | -  | -                        | -              | -                        | -                     | -                             | -              | -                 | -                     | - |
| <i>Feb</i>                             | <i>4th</i>  | <i>5</i>        | <i>Revise the timing diag of opcode Fetch cycle timing diag of Memory read &amp; memory write etc.</i> | -  | -                        | -              | -                        | -                     | -                             | -              | -                 | -                     | - |
|  | <i>Week</i> |                 |  | -  | -                        | -              | -                        | -                     | <i>QUIZ</i>                   | <i>1hr</i>     | <i>Yes</i>        | -                     | - |
|  |             |                 |  | -  | -                        | -              | -                        | -                     | -                             | -              | -                 | -                     | - |

Signature of the Lecturer

*Y. Sridevi*

Signature of the HOD

*Y. Sridevi*

Signature of the Principal

*[Signature]*

| ANNUAL CURRICULAR                        |      |                 |   |  | PLAN (Year)                                |                |                   |                       |   |                |                   |                       |              |
|--|------|-----------------|---|--|--|----------------|-------------------|-----------------------|---|----------------|-------------------|-----------------------|--------------|
| NAME OF THE LECTURER: <u>K. Jyothsna</u> |      |                 |   |  | CLASS: <u>III M.ECS</u> Semester: <u>V</u> |                |                   |                       | Paper: <u>(VB)</u> <sup>consumes</sup> <u>electronics</u> |                |                   |                       |              |
| MONTH                                    | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC                                   | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY                        |                |                   |                       | CO-CURRICULAR ACTIVITY                                    |                |                   |                       |              |
|  |      |                 |   |  | Activity Conducted                         | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted  | Hours Allotted | Whether Conducted | If not Alternate Date |              |
| NOV                                      | 3    | 2               | Microwaves - Microwave oven block diagram         | Electromagnetic waves, spectrum                  | -  | -              | -                 | -                     | -   | -              | -                 | -                     | -            |
|  | 4    | 4               | LED times with alarm system & microcontroller     | Microprocessor block diagram                     | -  | 1              | -                 | -                     | -   | -              | -                 | -                     | -            |
|  |      |                 | Types of Microwave oven, care & cleaning          | -  | will be shown youtube video                | 1              | Yes               | -                     | -   | -              | -                 | -                     | -            |
|  | 5    | 1               | wiring and safety instruction                     | -  | -  | -              | -                 | -                     | student seminar   | 1              | NO                | -                     | Feb 2nd week |
| Dec                                      | 3    | 3               | Electronic controllers for washing machines       | Micro controller                                 | -  | -              | -                 | -                     | -   | -              | -                 | -                     | -            |
|  |      |                 | Washing machine hardware & software               | -  | -  | -              | -                 | -                     | -   | -              | -                 | -                     | -            |
|  | 4    | 3               | Types of washing machines - fuzzy                 | -  | Will be shown PPT's                        | 1              | Yes               | -                     | -   | -              | -                 | -                     | -            |
|  |      |                 | Logic washing machine features of washing machine | -  | -  | -              | -                 | -                     | -   | -              | -                 | -                     | -            |
|  |      |                 |   |  |  |                |                   |                       |   |                |                   |                       |              |

Signature of the Lecturer K. Jyothsna

Signature of the HOD J. Sridevi

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| ANNUAL CURRICULAR                |      |                 |                                       |  | PLAN (Year)                     |                |                   |                       |                        |                  |                   |                       |                |
|----------------------------------|------|-----------------|---------------------------------------|--|---------------------------------|----------------|-------------------|-----------------------|------------------------|------------------|-------------------|-----------------------|----------------|
| NAME OF THE LECTURER K. JYOTHSNA |      |                 |                                       |  | CLASS : III H.E.C.S Semester: V |                |                   |                       | Paper : V(B)           |                  |                   |                       |                |
| MONTH                            | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC                       | Additional Input/Value Addition Provided/ Taught | CURRICULAR ACTIVITY             |                |                   |                       | CO-CURRICULAR ACTIVITY |                  |                   |                       |                |
|                                  |      |                 |                                       |  | Activity Conducted              | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted     | Hours Allotted   | Whether Conducted | If not Alternate Date |                |
| JAN                              | 3    | 4               | Air conditioning components of AC     | -  | -                               | -              | -                 | -                     | -                      | -                | -                 | -                     | -              |
|                                  |      |                 | All water air conditioning systems    | -  | -                               | -              | -                 | -                     | -                      | -                | -                 | -                     | -              |
|                                  | 4    | 4               | all air conditioning system, unitary  | -  | -                               | -              | -                 | -                     | -                      | GROUP DISCUSSION | 1                 | NO                    | Feb 4th week   |
|                                  |      |                 | and central air conditioning system   | -  | will be show youtube video      | 1              | Yes               | -                     | -                      | -                | -                 | -                     | -              |
|                                  |      |                 | split AC                              | -  | -                               | -              | -                 | -                     | -                      | -                | -                 | -                     | -              |
| Feb                              | 1    | 3               | Facsimile machine xerographic copiers | -  | -                               | -              | -                 | -                     | -                      | -                | -                 | -                     | -              |
|                                  | 2    | 2               | calculators, digital clock            | Mod 6, Mod 10 counters                           | will be show mod and explained  | 1              | Yes               | -                     | -                      | -                | -                 | -                     | -              |
|                                  | 2    | 3               | Digital computer internet access      | -  | -                               | -              | -                 | -                     | -                      | quiz             | 1                 | NO                    | March 1st week |
|                                  |      |                 | online ticket reservation-function    | online reservation train                         | -                               | -              | -                 | -                     | -                      | -                | -                 | -                     | -              |

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consumes  
electronics

| ANNUAL CURRICULAR                       |      |                 |  |   | PLAN (Year)            |                |                   |                       |                         |                   |                   |                       |
|---|------|-----------------|--|---|------------------------|----------------|-------------------|-----------------------|-------------------------|-------------------|-------------------|-----------------------|
| NAMR OF THE LECTURER <u>K. JYOTHSNA</u> |      |                 |  |   | CLASS : <u>III MRS</u> |                |                   | Semester : <u>V</u>   |                         | Paper : <u>VB</u> |                   |                       |
| MONTH                                   | WEEK | HOURS AVAILABLE | SYLLABUS/ TOPIC                                    | Additional Input/Value :<br>Addition Provided/ Taught | CURRICULAR ACTIVITY    |                |                   |                       | CO- CURRICULAR ACTIVITY |                   |                   |                       |
|   |      |                 |  |   | Activity Conducted     | Hours Allotted | Whether Conducted | If not Alternate Date | Activity Conducted      | Hours Allotted    | Whether Conducted | If not Alternate Date |
|   |      |                 | and networks                                       | -   | -                      | -              | -                 | -                     | -                       | -                 | -                 | -                     |
| Feb                                     | 3    | 3               | Barcode scanners & decoders - EFT, ATM             | -   | will be show PPT'S     | 11             | Yes               | -                     | -                       | -                 | -                 | -                     |
|   |      |                 | set top boxes - digital cable TV - video on demand | -   | -                      | -              | -                 | -                     | -                       | -                 | -                 | -                     |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |
|   |      |                 |  |   |                        |                |                   |                       |                         |                   |                   |                       |

Signature of the Lecturer K. Jyotsna

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