

## I Semester (Group A)

## Bachelor of Technology

## GROUP A: (CS,IT,AIDS,EX,EC)

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|-------------------------------------------------|--------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------------------|-----------|----------------------|-------------|------------------------|---|---|---------------|------------------------------------------|
| S. N.                                           | Subject Code             | Subject Name                                      | Maximum Marks Alloted                                                                                                                                                                        |          |                  |           |                      | Total Marks | Contact Hours per week |   |   | Total Credits | AICTE Model Curriculum (UG) Criteria No. |
|                                                 |                          |                                                   | Theory                                                                                                                                                                                       |          |                  | Practical |                      |             | L                      | T | P |               |                                          |
|                                                 |                          |                                                   | End Sem.                                                                                                                                                                                     | Mid Sem. | Quiz/ Assignment | End Sem.  | Lab work & Sessional |             |                        |   |   |               |                                          |
| Mandatory Induction Program (First three weeks) |                          |                                                   | Physical activity, Creative arts, Universal human values, Literacy, Proficiency modules, Lectures by eminent people, Visits to local areas, Familiarization to dept. branch and innovations. |          |                  |           |                      |             |                        |   |   |               |                                          |
| Fourth week onwards classes will start          |                          |                                                   |                                                                                                                                                                                              |          |                  |           |                      |             |                        |   |   |               |                                          |
| 1                                               | BS-101<br>CS/ME/EC/EX/CE | Engineering Mathematics Level - I                 | 70                                                                                                                                                                                           | 20       | 10               | -         | -                    | 100         | 2                      | 1 | - | 3             | 4                                        |
| 2                                               | BS-102                   | Engineering Chemistry and Sustainability          | 70                                                                                                                                                                                           | 20       | 10               | 30        | 20                   | 150         | 2                      | - | 2 | 3             | 2                                        |
| 3                                               | ES-103                   | Elements of Electrical & Electronics Engineering* | 70                                                                                                                                                                                           | 20       | 10               | 30        | 20                   | 150         | 2                      | - | 2 | 3             | 3                                        |
| 4                                               | ES-104                   | Engineering Graphics & Modelling through Autocad* | -                                                                                                                                                                                            | -        | -                | 30        | 20                   | 50          | -                      | - | 4 | 2             | 3                                        |
| 5                                               | ES-105                   | Basic Computer Programming Level-1*               | 70                                                                                                                                                                                           | 20       | 10               | 30        | 20                   | 150         | 2                      | - | 2 | 3             | 3                                        |
| 6                                               | HS-106                   | Business Communication Level-1                    | 70                                                                                                                                                                                           | 20       | 10               | 30        | 20                   | 150         | 2                      | - | 2 | 3             | 1                                        |
| 7                                               | BS-107                   | Critical Reasoning & Cognitive Ability Level -1   | 70                                                                                                                                                                                           | 20       | 10               | -         | -                    | 100         | 2                      | - | - | 2             | 2                                        |
| 8                                               | HS-110                   | Foreign Language Level-I                          | -                                                                                                                                                                                            | -        | -                | -         | 50                   | 50          | -                      | - | 4 | 2             | 1                                        |

|        |                                 |                                                                                                                                |  |
|--------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|--|
| ES-108 | Project paper tools             | Non-Credit Course                                                                                                              |  |
| MC-112 | NCC/NSS/Indian Constitution/IKS | Non-Credit Course                                                                                                              |  |
| ES-111 | Internship - I                  | 90 hours of project at the institute level to be done during I/II semester breaks. Its evaluation will be done in III-Semester |  |

Note:- \* End sem is project and paper in a group of 05 students.

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Blashe Shams