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|---|---|---|---|---|---|------------------------|---|---|---|---|---|---|
| <b>Course Number and Name</b>   |   |   |   |   |   |                        |   |   |   |   |   |   |
| BEE4L1 & Electrical Machines Laboratory-II  |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Credits and Contact Hours</b>  |   |   |   |   |   |                        |   |   |   |   |   |   |
| 2 & 45  |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Course Coordinator's Name</b>  |   |   |   |   |   |                        |   |   |   |   |   |   |
| Mrs.Anitha Sampath Kumar  |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Course Objectives</b>  |   |   |   |   |   |                        |   |   |   |   |   |   |
| To expose the students to the operation of synchronous machines and induction motors and give them experimental skill |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Prerequisites</b>  |   |   |   |   |   | <b>Co-requisites</b>   |   |   |   |   |   |   |
| Nil   |   |   |   |   |   | Electrical Machines-II |   |   |   |   |   |   |
| required, elective, or selected elective (as per Table 5-1)   |   |   |   |   |   |                        |   |   |   |   |   |   |
| Required  |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Course Outcomes (COs)</b>  |   |   |   |   |   |                        |   |   |   |   |   |   |
| CO1: Understand the characteristics and performance of AC machines.   |   |   |   |   |   |                        |   |   |   |   |   |   |
| CO2: Gain knowledge about speed control techniques of induction machines.   |   |   |   |   |   |                        |   |   |   |   |   |   |
| <b>Student Outcomes (SOs) from Criterion 3 covered by this Course</b>   |   |   |   |   |   |                        |   |   |   |   |   |   |
| COs/SOs   | a | b | c | d | e | f                      | g | h | i | j | k | l |
| CO1   | H | H | L | L | H | M                      | M | L | L | L | L | L |
| CO2   | H | H | L | L | M | M                      | M | L | L | L | L | L |