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|----------------|----------------------------------|----------------|----------------|----------------|----------------|
| <b>18PEC25</b> | <b>Mini Project with Seminar</b> | <b>L<br/>0</b> | <b>T<br/>0</b> | <b>P<br/>4</b> | <b>C<br/>2</b> |
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**Course Objectives:**

1. To enhance the ability to solve a specific problem by identifying the issues from literature survey for successful solution of the same.
2. To train the students in preparing project reports and to improve their presentation skills.

**Contents:**

1. Students can take up problems in the field of power electronics and drives as a mini project.
2. It can be related to the solution to an engineering problem, verification and analysis of experimental data available, conducting experiments on various research aspects related to advanced technologies in Power Electronics and Drives using software tools.

**Course Outcomes:**

Upon completion of this course, the students will be able to:

CO1: Get an opportunity to work in the actual industrial environment if they opt for an Internship.

CO2: Solve advanced problems using software /analytical / computational tools.

CO3: Prepare technical reports.

CO4: Develop skills to present and defend their work in front of technically competent authority.

**CO-PO Mapping**

| CO/PO | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PO9 | PO10 | PO11 | PSO1 | PSO2 | PSO3 |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|
| CO1   | 3   | 3   | 2   | 2   | 3   | 1   | 2   | 2   | 2   | 1    | 1    | 2    | 1    | 1    |
| CO2   | 2   | 1   | 2   | 2   | 3   | 1   | 2   | 1   | 1   | 1    | 1    | 2    | 1    | 1    |
| CO3   | -   | -   | -   | -   | 3   | -   | -   | 2   | -   | -    | -    | -    | 2    | -    |
| CO4   | -   | -   | -   | -   | -   | -   | -   | -   | -   | 2    | 3    | -    | -    | 1    |