**17EE42PW-PROJECT WORK**

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| **Course Category:** | Professional core | **Credits:** | 11 |
| **Course Type:** | Project | **Lecture-Tutorial-Practical:** | 0-0-22 |
| **Pre-requisite:** | Power system Analysis, Switchgear and Protection, Power Electronics & Machines | **Sessional Evaluation:**  **Univ.Exam Evaluation:**  **Total Marks:** | 80  120  200 |

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| **Course Objectives:** | Students undergoing this course are expected to : | |
| 1. Explore a problem or issue of particular personal or professional interest.  2. Explore to address the problem or issue through focused study and applied  research.  3. Synthesize and apply the knowledge and skills acquired in his/her  academic program to real-world issues and problems.  4. Affirms ability to think critically and creatively.  5. Solve practical problems and to make reasoned  6. Take ethical decisions, and to communicate effectively. | |
| **Course Outcomes:** | After completing the course the student will be able: | |
| **CO1** | To provide with the opportunity to apply the knowledge and skills acquired in their courses to a specific problem or issue. |
| **CO2** | To extend their academic experience into areas of personal interest, working with new ideas, issues, organizations and individuals. |
| **CO3** | To think critically and creatively about academic, professional, or social issues. |
| **CO4** | To develop their analytical and ethical leadership skills necessary to address and help to solve these issues. |
| **CO5** | To provide opportunity to refine research skills and demonstrate their proficiency in written and/or oral communication skills. |
| **CO6** | To take on the challenges of teamwork, prepare a presentation in a professional manner and document all aspects of design work. |