CLEAN ENERGY GENERATION, INTEGRATION AND STORAGE (EEE-801)

Prepared By:
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Lecture-1
2nd February 2022

Introduction: Course Books

S. No.	Title	Author
1.	Renewable and Efficient Electric Power Systems	Gilbert Masters
2.	Smart Grid Fundamentals of Design and Analysis	James Momoh
3.	Wind & Solar Power Systems	Mukund R. Patel
4.	Renewable Energy Integration: Challenges and Solutions	Jahangir Hussain
5.	Energy Storage for Smart Grids: Planning and Operation for Renewable and Variable Energy Resources	Pengwei Du
6.	Large Scale Wind Power Grid Integration: Technological and Regulatory Issues	Ningbo Wang

Introduction: Course Grading (Tentative)

Quizzes	**8 %**
Assignment/Project	**12%**
Two OHTs	**30%**
End Semester Exam	**50%**

Introduction: Project Selection (Tentative Dates)

Project Topic Proposal	**20th February 2022**
Project Presentation (Simulation Part)	**21st March 2022**
Project Presentation (Hardware Part)	**Before Final Exams Commence**

Introduction: Project Selection (Tentative Dates)

- Group of 5 (Group member names along with section names (A or B))
- Title of Paper
- Journal Name
- Publisher Name of Selected Journal
- Impact Factor of Selected Journal (Must be ISI Index)