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Criteria 3.2.2:	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years
Findings of DVV	Provide Cover page, content page and first page of Smart home — Automation and security system based on sensing mechanism Low Voltage Ride Through (LVRT) Solution for Wind Farm Using STATCOM Efficient lightning scheme by using Dislux Structural Design and Drawing-III with ISBN numbers, title, author, Department/ School/ Division/ Centre/ Unit/ Cell, name and year of publication.
Response/ Clarification	1) Cover page, content page, first page and last page of the book/publication showing title, author name along with the content page, ISBN number and year of publication of all the books as per above list for the 5 years, attested by the Principal are attached.**(Appendix-I)**

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Appendix-I

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Smart home — Automation and security system based on sensing mechanism

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I. Introduction
II. Previous Work
III. Proposed System
IV. Proposed System Architecture
V. Mathematical Model
VI. Comparative Study
VII. Conclusion
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Abstract:
Today's life rolls around the concept of automation and the things that are automated are said to be of next generation because they reduce the interference of human beings. The home automation system technology is unique from other systems which give ability to the user to control the system from any location around the world through an internet connection. The existing system describes implementation of a security system that uses Android mobile devices with the use of Blue tooth as a wireless connection protocol. These systems allow users to lock and unlock a door, sense the temperature and humidity, controlling light switches from a remote location. The new generation is based on smart humans using smart technology. A smart technology makes human life easy and updated. The proposed system is designed for home automation with some increased functionalities and using Wi-Fi as an Internet connection protocol. The increased functionalities include Alarm based smart lock, controlling household appliances from remote Location, Mosquito sensing, Smart water tank. By making use of the proposed system diseases caused due to mosquitoes can be prevented. Also this system helps in reducing the human efforts as it is automated.

Published in: 2017 Second International Conference on Electrical, Computer and Communication Technologies (ICECCT)

Content & First Page

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Pravin Phutane

Low Voltage Ride Through (LVRT) Solution For Wind Farm Using STATCOM

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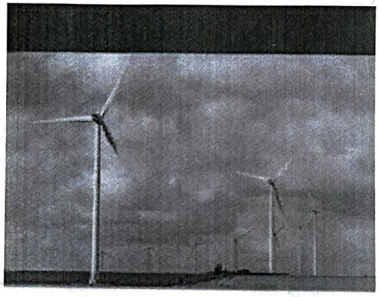

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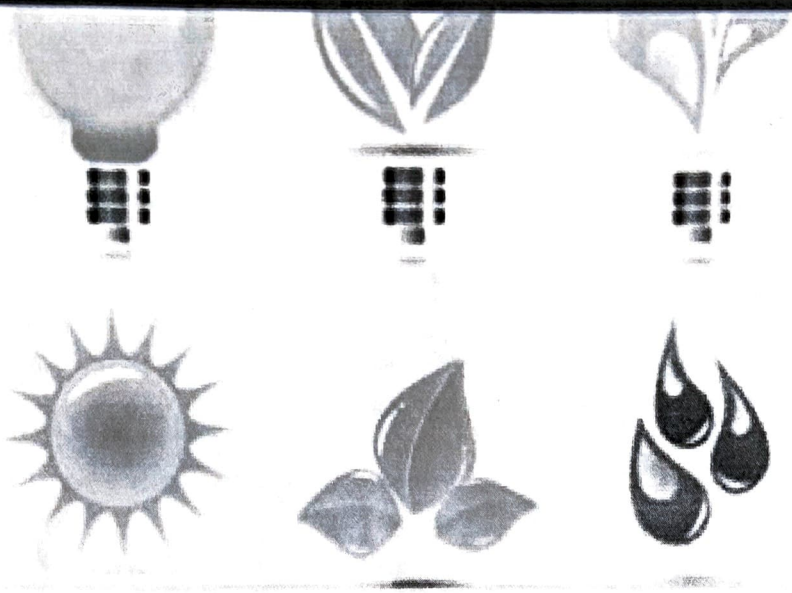

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		Duration : In-Sem : 1.5 Hrs.
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Unit 1

Prestressed concrete – Analysis :

Introduction, Basic concepts, materials, various Pre-tensioning and Post-tensioning systems, concept of losses, Stress calculations, and concept of cable profile.. **(Refer chapter 1)**

Unit 2

Prestressed concrete – Design :

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Unit 3

Design of Flat slab :

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Earth retaining structures :

Introduction, Functions and types of retaining walls, Analysis and design of RCC cantilever type of retaining wall for various types of backfill conditions. **(Refer chapter 5)**

Unit 5

Liquid retaining structures :

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Unit 6

Introduction to vibration and earthquake analysis :

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