

# HIGH VOLTAGE ENGINEERING ELECTRICAL ENGINEERING DEPARTMENT

## STUDENT RECORD



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MINI PROJECT : *Simulative Study into the Development of Hybrid HVDC System: A Futuristic Approach*

SEMINAR : *Superconductivity And High Voltage Engineering : A World Of Opportunities To Extend The Frontiers Of Power Industry*

MAIN PROJECT: *Design and Development of Lab-Scale Model of A VSC – HVDC System*

PUBLICATIONS/  
ACHIEVEMENTS :

1. *“Control and Dynamics of VSC Based HVDC System with Adaptable DC Voltage Balance Control: A Detailed and Novel Analysis Strategy Involving Steady State and Contingency Performance Validation” on 2nd National Conference on High Voltage Engineering and Technology conducted by CPRI.*
2. *“Simulative Study Into The Development Of Hybrid HVDC System Through A Comparative Research With HVAC: A Futuristic Approach” in Engineering, Technology & Applied Science Research (ETASR), 2017*
3. *“ Genetic Algorithm Based PI Tuning for VSC-HVDC Systems Using OPAL-RT” , TENCON – 2017, Malasiya ( Waiting for Acceptance )*

CURRENT JOB: *Associate Consultant, Oracle Financial Service Software, Bangalore*