

# CENTER FOR SMART VIDYUTH AND SUSTAINABLE SOLUTIONS



## Internship Modules for Engineering students

### M1. Switch Gear and Protection

- Design of switching equipment and Panel board, SLD for generating stations and substations

### M2. Power System operation and control using ETAP

- Load flow studies, mitigation of power quality issues, power system stability studies.

### M3. Smart Meters and Smart Lighting

- Advanced metering Infrastructure, Net metering, dynamic pricing and demand-response program, Smart lighting systems use automated controls wireless communication to manage lighting

### M4. Renewable Energy integration to grid

- Issues in Integration of solar, wind, hydro, and biomass etc., to the existing electricity grid, power quality in micro grids, power converters, V to G and G to V concepts, EV charging infrastructure.

- For Further Information

#### For Further Information Contact:

Dr. S G SRIVANI  
Professor and HoD  
Electrical and Electronics Engineering  
Mail: [srivanisg@rvce.edu.in](mailto:srivanisg@rvce.edu.in)  
Phone: 9844327829

Dr. Hemalatha J. N  
Associate Professor  
Electrical and Electronics Engineering  
Mail: [hemalathajn@rvce.edu.in](mailto:hemalathajn@rvce.edu.in)  
Phone: 9845190304

Dr. Sunanda C  
Assistant Professor  
Electrical and Electronics Engineering  
Mail: [sunandac@rvce.edu.in](mailto:sunandac@rvce.edu.in)  
Phone: 9844436428



Mysore Road, RV Vidyaniketan Post,  
Bengaluru - 560059, Karnataka, India  
+91-80-68188110 | [www.rvce.edu.in](http://www.rvce.edu.in)

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