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*Is hereby awarding this certificate to*

**G. Chakradhar**

*In recognition of the publication of the paper entitled*

**GRID CONNECTED PV SYSTEM BASED ON Z-SOURCE INVERTER WITH  
PHASE SHIFTED PWM TECHNIQUE**

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A handwritten signature in black ink, appearing to be "S. G. Malla".

**S. G. Malla  
Director  
IRET**