

## ***HOME***



**Dr. Rayapati Subbarao**  
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**Areas of Interest:** Turbomachinery, CFD of Turbom/c, Axial Flow Turbines, Counter Rotating Turbines, Combined cycle power plants, SOFC-GT, Power Plant Engineering, Fuel cells, Alternative fuels.

**Notable Technical Contributions:** Studies on counter rotating turbines (flow and performance), Testing of hydrogen as fuel in an I.C engine, Experimentation on fuel cells, Choosing the best alternative bio-fuel and improving the performance of a diesel engine, Modeling of SOFC-GT for higher performance, Utilization of fly ash for pavement blocks and Finding the suitable coal for a thermal power plant.

### **EDUCATION**

**Ph.D (Mechanical Engineering) from IIT Madras 9.25 CGPA**

**M.Tech (Thermal Engineering) from IIT Delhi 8.25 CGPA**

**B.Tech (Mechanical Engineering) from Nagarjuna University, 65.35%**

**Intermediate, Board of Intermediate Education, Andhra Pradesh, 77 %**

**S.S.C, Board of Secondary Education, Andhra Pradesh, 87.66%**

### **TEST SCORES**

**GRE 1730 out of 2400 (2001)**

**TOEFL CBT 247 out of 300 (2001)**