

## KESAVARAPU ANIL KUMAR

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Mobile no. +91-8554021608



### **EDUCATIONAL QUALIFICATION:**

Currently working as assistant professor (Electrical Engineering Department) in Government Engineering College Ajmer.

| <b>Certificate Issuing Authority</b>                     | <b>School/College/University</b>                      | <b>Percentage/ CPI</b> | <b>Year</b> |
|----------------------------------------------------------|-------------------------------------------------------|------------------------|-------------|
| M-Tech,<br>Water resources development<br>and management | Indian institute of technology<br>Roorkee, Roorkee    | 8.34(C.G.P.I)          | 2015-17     |
| B-Tech, Electrical and<br>Electronics Engineering        | Visvesvaraya National<br>Institute Technology, Nagpur | 7.89(C.G.P.I)          | 2009-13     |
| BIE-AP(Class XII)                                        | Narayana Junior College,<br>Visakhapatnam             | 93.8%                  | 2007-09     |
| SSC(Class X)                                             | National talent School,<br>Chodavaram                 | 85.8%                  | 2007        |

### **Research Publications:**

- A paper on "Control Strategy for Fuel Saving in Asynchronous Generator Driven Electric Tugboats" in 3<sup>rd</sup> IEEE UP Section international conference on Electrical, computer and electronics engineering dated 9-11 December 2016.
- A paper on "Optimization with load prediction in asynchronous generator driven tugboat propulsion system" in IEEE international transportation electrification conference India, Pune 2017 session dated 13-15 December 2017

### **WORK EXPERIENCE:**

Work experience (**2 years**) in Neosym industries ltd. (Pune)- Foundry Industry, joined as a  
Joined as Sr. Engineer in Electrical Maintenance during june-2013 to july-2015.

### **Roles & responsibilities handled:**

Planning and implementation for PM of various machines

Trouble shooting various equipment problems

Commissioning of new machines like **PLASMA POUR, 3 TON CRANE, TEMPORARY FETTLING SHED**

### **PROJECTS AND INDUSTRIAL TRAINING:**

1. Summer training on "study of winding construction, in dc-motor, 3ph-induction motor, synchronous machine and testing (electrically and mechanically) of different motors" at **RASHTRIYA ISPAT NIGAM LIMITED** (Vishakhapatnam steel plant).
2. Industrial Training on "Working of PLC in CNC Machine" at "**BHARAT HEAVY ELECTRICALS LIMITED**, Hyderabad during summer 2011.
3. **SCILAB** Companionship project on the Textbook named "Generation of electrical energy by B.R Gupta", **IIT BOMBAY**.
4. Completed training program on PLC and SCADA in "SAGE Didactic" institute (just engineering, Pune)

5. Final year B-tech project is "**Development of various controllers for 2DOF rotary inverted pendulum and their responses**" under the guidance of A.S. Junghare
6. Final Year M-tech project is "**Optimization Of Micro-Grid Used In Marine Propulsion Systems**" under the guidance of Dr. C. Tanga Raj

#### **TECHNICAL SKILLS:**

- Basic Knowledge **Microsoft office**
- Conversant with **MICROPROCESSOR, C, of STEP 7(seimens), WINCC, RAPID, MATLAB, SCILAB, MULTISIM, PSPICEPCAD, PSIM.**
- Familiar with **PHOTOSHOP**

#### **AREA OF INTEREST:**

- Naval systems
- Pumped storage power plants
- Power systems
- Control systems
- Hydro power
- Electrical machines(DFIG/DFIM)
- Power station practice
- HVDC

#### **SCHOLASTIC ACHIEVEMENTS:**

- **Secured all India rank of 1242 with the score of 649 in GATE'14**
- **6706 in AIEEE, 2009.**
- **528<sup>th</sup> rank in EAMCET 2009,** Entrance to Engineering in Andhra Pradesh.
- Won **second in the math's Talent Test** at School level.

#### **EXTRA CURRICULAR ACTIVITIES:**

- Sponsorship Organizing manager for **COGNIZANCE**(Technical festival for IITR) at departmental level
- Member of "**SOCIAL CLUB, VNIT (PRAYAAS)**" which collectively works to Educate and help poor Children in the Society.
- Member of "**THALLESSEMIA BLOOD DONATION ASSOCIATION, VNIT**" which is earnestly helping Thalassemia diseased people by Conducting Camps.
- Organized some Events in our College Technical Fest "**AXIS**" like **FREAK-O-MATIX, INFORMALS.**

#### **Personal information:**

Date of Birth : 23<sup>rd</sup>, MAY, 1992  
Sex : Male  
Nationality : Indian  
Hobbies : Playing Table Tennis, computer games, Watching Movies  
Languages known : English, Telugu, Hindi  
Permanent address : House no.18-650,  
Co-operative colony,  
Chodavaram, Visakhapatnam,  
Andhra Pradesh -531036.

#### **DECLARATION:**

I hereby declare that the above information provided is true to the best of my knowledge and can be verified

**KESAVARAPU ANIL KUMAR**