

Mrs. JONNALAGADDA SUREKHA

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ASSISTANT PROFESSOR-I

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INTERESTED RESEARCH AREAS:

WIND ENERGY CONVERSION SYSTEMS, FREQUENCY REGULATION IN HYBRID SYSTEMS

SCHOOL LEVEL RESPONSIBILITY:

- CLASS MONITORING

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1.	M.TECH	NIT CALICUT	2014
2.	B.TECH	ANDHRA UNIVERSITY	2012
3.	INTERMEDIATE	SRI CHAITANYA JUN. COLLEGE	2008
4.	10TH CLASS	ST ANNS SCHOOL	2006

EXPERIENCE:

1.5 years at Gayatri Vidya Parishad College of Engg., Visakhapatnam

10 months experience at School of Electrical Engg. KIIT university, Bhubaneshwar.

PUBLICATION:

Surekha Jonnalagadda and Subha D.Puthankatil, "Frequency Regulation in Microgrid by Wind Turbines Operating in MPPT and Deloading Modes Using Droop Control Characteristic," 1<sup>st</sup> International Conference on Computer, Electronics, and communication Engineering, Chennai, Vol. 59, pp. 162-167, March 2014.

**M.Tech THESIS GUIDED:**

YEAR :2016	
S.NO	TITLE
1.	SOLAR FORECASTING

**B.Tech PROJECTS GUIDED:**

YEAR :	
S.NO	TITLE
1.	Microprocessor Based Fault Distance Estimation in Underground Cables
2.	Reduction In Losses And Improvement In Voltage Profile Of A 6- Bus Power System Using DG

**CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:**

S.NO	Title	Attended/or ganized	YEAR
1.	INTERNATIONAL CONFERENCE ON POWER & ENERGY	ATTENDE D	2014
2.	FDP ON POWER SYTEM SIMULATION STUDIES USING MIPOWER	ATTENDE D	2016
3.	ONE DAY WORKSHOP ON EMPOWERMENT OF WOMEN IN RESEARCH	ATTENDE D	2015
3.	WORKSHOP ON OUTCOME BASED EDUCATION-A FOCUS ON ASSESSMENT	ATTENDE D	2014

**SUBJECTS TAUGHT:**

S.NO	SUBJECT CODE	SUBJECT NAME
1.		BASIC ELECTRICAL ENGINEERING
2.		ELEMENTS OF ELECTRICAL & MECHANICAL
3.		ELECTRICAL TECHNOLOGY
4.		SIGNALS & SYSTEMS
5.		ELECTROMAGNETIC FIELDS
6.		ELECTRICAL ENGINEERING MATERIALS
7.		POWER SYSTEM OPERATION & CONTROL
8.		ELECTRICAL POWER TRANSMISSION & DISTRIBUTION
9.		NETWORK THEORY