

Name: O.SOBHANA

Designation: Assistant Professor

Department: EEE

Mail I'd: sobhana_o@vnrvjiet.in

Experience (in years): 6 Teaching: 6 Research: Nil Others(if any, specify): Nil



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	J.N.T.U.H, A.P (UG)	2003	EEE
2	J.N.T.U.C.E.H (PG)	2012	PE &ID
3	J.N.T.U.A (Ph.D)	Pursuing	High Voltage area

2. Teaching and Learning:

2.1. Teaching Interests: Power Quality, Electrical Machines, Circuit Theory, Basic Electrical Engineering, PEE, Power Systems.

2.2. Novel Teaching & Learning Techniques adopted: POGIL, WIT & WILL

2.3. Involvement in curriculum updating / Design:

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies: Playing and Watching Sports

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Class in-charge

3.5. Committees involved in: Nil

Department level: Nil

Institute Level: Nil

4. Conference / Workshop / Seminar / Guest Lectures :

4.1 Conducted: Nil

4.2 Attended: conferences-3

Workshop- 3

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: Nil

5.2. Articles/Chapters published in Books: Nil

5.3. Books published as single author or as editor: Nil

5.4. Projects Guided:

a) UG: Design of Single Phase Microcontroller Based SPWM Inverter

b) PG: V/F Control of induction motor using space vector modulation with Dc

Braking

Chopper

5.5. Research Interests: High voltage, Transformers faults & Protection, Renewable Energy Sources

5.6. Ph.D students:

- a) Enrolled: Nil
- b) Submitted: Nil
- c) Awarded: Nil

5.7. Papers published in reviewed journals:

S.No	Title of the Paper	Journal Name Vol.No. PP	ISBN/ISSN No.	Impact Factor/ Citation Index	National/ International
1	V/F Control of induction motor using space vector modulation with Dc Braking Chopper	IJAREEIE	2278-8875	5.621	International

5.8. Papers presented at National / International Journals:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	A Review Paper on Power Transformer Short circuit Fault Diagnosis	Conference	National	26 th ,27 th Aug,2016
2	Core Loss Measurement of a 3-Phase Transformer Using Maxwell 3-D	Conference	National	3 rd ,4 th Feb,2017
3	Safety Based High Step up DC-DC Converter for PV Module Application	Conference	National	24th March,2017

5.9. Sponsored research Projects:

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed
	Nil				

5.10 Consultancy Projects:

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
	Nil				

6. Awards / Honors received: Nil

7. **Motto:** Hard work, Believe in your self