Name: **Dr. Ranjit Mahamkali**
Designation: Assistant Professor
Department: EEE
Mail I'd: ranjit_m@vnrvjiet.in
Experience (in years): 14 Teaching: 13years Research: Nil Others (if an

1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1.	B.Tech	2002	Electrical and Electronics Engineering.
2.	M.Tech.	2011	Power Electronics & Industrial Drives
3.	Ph.D	2019	Open-End Winding Induction Motor Drive

2. Teaching and Learning:

2.1. Teaching Interests: Electrical machines, Drive Control, Digital Signal Processing
2.2. Novel Teaching & Learning Techniques adopted: WIT and WILL
2.3. Involvement in curriculum updating / Design: ----
3. Co-curricular and Extra-Curricular Activities
3.1. Interests and Hobbies: -----
3.2. CCA/ECA Organized: Nil
3.3. CCA/ECA participated: Nil
3.4. Counseling and Mentoring Activity: Mentor for 18 students of IV- B Tech, EEE
3.5. Committees involved in:-
Department level: -
Institute Level: -
4. Conference / Workshop / Seminar / Guest Lectures: NIL
4.1 Conducted: Nil
4.2 Attended: 08
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: 09
b) PG: 09
5.5. Research Interests: Electrical Machines, Drive Control
5.6. Ph.D students: Not applicable
a) Enrolled:
b) Submitted:
c) Awarded:

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	Decoupled Centric and Non-Centric PWM Techniques for Open-End Winding Induction Motor Drive	Serbian Journal of Electrical Engineering, Vol.15, Issue.3, October 2018. (Scopus Indexed)	ISSN 2217–7183	--	International
2	Performance of Decoupled and Nearest Sub Hexagonal Center Random PWM Techniques for Open-end winding Induction Motor Drive.	Journal of Advanced Research in Dynamical & Control Systems, Vol. 10, 12-Special Issue, 2018. (Scopus Indexed)	ISSN 1943-023X	---	International
3	Performance Improvements In Open End Winding Induction Motor Drive Using Decoupled PWM Techniques.	Elsevier Procedia Journal, Vol.117, June 2017, pp.810-817(Scopus Indexed).	ISSN 1876-6102	---	International
4	Space Vector Based Decoupled PWM Techniques for Open End Winding Induction Motor Drive	International Journal of Electrical Engineering & Technology (IJEET), Vol. 8, Issue.6, Nov-Dec 2017, pp. 16–28.	ISSN 0976--6553	-	International
5	Performance Analysis of Symmetrical and symmetrical Configuration of Open-End Winding Induction Motor Drive Using Decoupled SVPWM Techniques	Acta Electrotechnica et Informatica, Vol.17, Issue.4, Dec 2017, pp.63-69.	ISSN 1335-8243	-	International
6	Performance of Vector Controlled Dual Inverter Fed Open-End Winding Induction Motor Drive Using SVPWM Techniques	i-manager's Journal on Circuits and Systems, Vol.5, Issue.3, August 2017, pp.10-16.	ISSN 2321-7502	-	International
7	Comparative analysis of scalar based SVPWM techniques for open end winding induction motor drive	International Journal of Engineering and Technology(IJET) , Vol 7, issue 3.28, May 2018, Page No: 329-335	ISSN 2227-524X	-	International

8	Reduction Of Zero Sequence Voltage Using Multilevel Inverter Fed Open-End Winding Induction Motor Drive	Acta Electrotechnica et Informatica, Vol. 16, No. 4, 2016,pp:52-60.	1335-8243 (print) 1338-3957 (online)	-	International
9	Open-end Winding Induction Motor Drive Using Decoupled Algorithm	Journal of Electrical &Electronic Systems	2332-0796	-	International
10	SVPWM Based Indirect Vector Control of Induction Motor Drive	IJIRAE, Vol no:2,pp:281-289	2349-2163	-	International

5.8. Papers presented at National / International Conferences:

S.No	Title of the Paper	Names of the Conference/ Seminars	National/ International	Period
1	Performance Analysis of Open End Winding Induction Motor Drive Using Center Spaced PWM and Bus Clamping PWM Techniques	IEEE International Conference on Smart Grids, Power and Advanced Control Engineering (ICSPACE2017)	International	Aug17-19, Bengaluru,India.
2	Decoupled Center Spaced PWM Techniques for Open End Winding Induction Motor Drive	IEEE 4th International Conference on Electrical Energy Systems (ICEES-2018)	International	Feb 07-09, Chennai, India.
3	Estimation of Stray Losses in Power Transformers using Linear and Non-Linear Surface Impedance Methods	IEEE Internationa Conference on Electrical Electronics, Computers Communication, Mechanica and Computing (EECCMC held at Vellore, Tamil Nadu India (ISBN:CFP18037 PRT-978-1-5386-4303-7) pages 253-256)	International	28th-29th January 2018

5.9. Sponsored research Projects: NIL

S.No	Title	Agency	Period	Grant amount	Ongoing / Completed

5.10 Consultancy Projects: NIL

S.No	Title	Agency	Period	Sanctioned Amount	Ongoing / Completed
1					

6. Awards / Honors received: Nil
7. Motto: **:** Trust in yourself, before anyone else