

Assistant Professor		
Educational Qualification	Ph.D, M.S (ASIC DESIGN)	
Experience	Teaching: 17 Years	
Area of Interest	HVDC converters, Power Electronics, Control Systems, Logic Design, Asic Design	
Date of Joining at RVCE	02/05/2007	
Email ID	madhubr@rvce.edu.in	

Project Guided:

Number of UG projects guided :15

Publications:

National Conference : 04

International Conference : 04

International Journals: 08

List of Publications:

International Journals

1. Madhu B R, M.N Dinesh , “Modeling and Analysis of 6 pulse Rectifier used in HVDC link”, in IEEE-International Conference on Control Engineering, ICPACE-2015, ISBN:978-1-4799-8371-1/15/\$31.00_c 2015 IEEE on 14th August 2015.
2. Madhu B.R, M.N Dinesh , Niranjana Hegde, “Design of Twelve Pulse Rectifier Used in HVDC System” , in International Innovative Ideas in Education (IJARIE), Vol.1, Issue 5, 2016, ISSN (O) -2395-4396.
3. Madhu B R, M.N Dinesh, “Speed Control of three phase Induction motor using DSP controller and harmonic reduction”, in Power India International Conference , PIICON-2016 during 25th to 27th November 2016 at Bikaner, Rajasthan .
4. Madhu B. R, Dinesh M. N, Ravitheja B.M , “Design of Shunt Hybrid Active Power Filter to Reduce Harmonics on AC System”, in International Journal of Power Electronics and Drive System (IJPEDS) Vol. 9, No. 4, December 2018, pp. 1926~1936. DOI: 10.11591/ijpeds.v9n4.pp1926-1936 .
5. Madhu B.R, Dinesh M.N, Tsewang Thinlas and Deril Menezes, “Enhancement of Power Quality using Microprocessor for unbalanced Load”, International Journal of Electrical and Computer Engineering (IJECE), Vol. 10, No. 4, August 2020.

6. Sanjan P S, Dr. Madhu B R, "Comparitive Analysis of Speed and Position Control of BLDC Motor via Field Oriented Control Schemes" International Research Journal of Engineering and Technology (IRJET), Volume: 09 Issue: 06 | June 2022.
7. Meghna Sangewar , Huliraja , Dr. Madhu B R , Dr. Abhay Deshpande "Design and Analysis of Hybrid Converter", Journal of Comparative Research, Vol. VIII, No. 1: 2022, ISSN: 2277-7067
8. Madhu B R, Shahbaaz Ahmed, Vaishnavi , Modelling of Wind Turbine Generator using Simulink, Journal of Aerospace Engineering, 13, No 2 2023

National Conference:

1. National Conference on Emerging Trends in Electronics and communications from 19th – 21st April – 2012, NCETEC – Technology, Bangalore.
2. Pre International conference on "Polymers & dielectric (ICPADM – 2012)" at CPRI, Bangalore on 24th July 2012.
3. International Conference on "Automatic Power Factor control" organised by IT Society India International Conference on Electronics and Communication Engineering - ICCECE, sponsored by the IRD India, on 27th July 2015 at Bangalore.
4. Madhu B.R, M.N Dinesh , Niranjana Hegde, "Design of Twelve Pulse Rectifier Used in HVDC System" , in National conference on Electrical, Electronics, Computing and Information Technology (NCRTEECIT-16)" 24th September 2016.

International Conference:

1. Madhu B.R, M.S Shreedhar, Anu S, Parul Umesh, Pankajashree , " Automatic Power Factor Control", International conference on Electronics and Communication Engineering- ICCECE,2014. ISBN: 978-3-643-24819-10, Bangalore.
2. Madhu B R, M.N Dinesh , "Modeling and Analysis of 6 pulse Rectifier used in HVDC link", in IEEE-International Conference on Control Engineering, ICPACE-2015, on 14th August 2015.
3. Madhu B R, M.N Dinesh, "Speed Control of three phase Induction motor using DSP controller and harmonic reduction", Power India International Conference , PIICON-2016 during 25th to 27th November 2016 at Bikaner, Rajasthan.
4. Madhu B R ,Anitha G S , Mahantesha Hadapada , krishna s , " Smart charging station for electric vehicles using solar power", Conference on Computation System and Information Technology for Sustainable Solutions (CSITSS).

Skill Development Programme:

- Handled classes for solar skill development program [KREDL]
- Coordinator for Indian Rooftop Solar PV port installation under IRISE project 2020 [Suryamitra Up skilling Training Program]
- Coordinator for Varunmitra Skill Development Program
- Coordinator for Jal Urja Mitra Skill Development Program