

Dr. Adinatha Jain

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| <b>Assistant Professor</b>       |                                                                |  |
| <b>Educational Qualification</b> | Ph.D(VTU), M.Tech(Power system and Power Electronics)          |                                                                                     |
| <b>Experience</b>                | Teaching: 22 years<br>Industry : 5 years                       |                                                                                     |
| <b>Area of Interest</b>          | Power Systems, Fuzzy Logic Microcontroller, embedded systems.  |                                                                                     |
| <b>Date of Joining at RVCE</b>   | 16/08/2006                                                     |                                                                                     |
| <b>Email ID</b>                  | <a href="mailto:adinatha@rvce.edu.in">adinatha@rvce.edu.in</a> |                                                                                     |

**Project Guided:**

Number of UG projects guided: 12

Number of PG projects guided: 04

**Publications:**

International journals :08

National Conference : 01

**List of Publications:**

**International Journals**

1. Sanjay.N1, Adinath Jain2, Dr.S.A.Hariprasad3“Performance Analysis of Ship Tracking using PID/Fuzzy Controller” International Journal of Computer Trends and Technology (IJCTT) – volume 4 Issue 6 –June 2013.
2. Adinath Jain, Simith E,. “AC-DC Matrix Converter Based On Cockcroft-Walton Voltage Multiplier”, IOSR Journal of Engineering (IOSRJEN ) ISSN (e): 2250-3021, ISSN (p): 2278-8719 Vol. 04, Issue 07 ,July. 2014.
3. Adinatha, Dr. Hari Prasad S A and Dr.G.S Anitha “ Performance Analysis of Track keeping of Unmanned Ship Navigation using Gauss – Jordan Matrix Inversion Technique” , International Journal of Research in Advent Technology(IJRAT), Volume 6, Issue 12, December 2018, E-ISSN: 2321 – 9637,.
4. Adinatha, Dr. Hari Prasad S A and Dr.G.S. Anitha “Path following of Unmanned Ship Navigation by Model Predictive Controller”. Journals of Advanced Research in Dynamical and Control Systems(JARDCS). December 2018. Issue: 12, PP No:256-272.
5. Adarsh Mallik, Adinath Jain, “Design and Development of Solar PV Multilevel Inverter” International Journal Of Advanced Research In Electrical(IJAREEIE), Volume 6, Issue 9, September 2017, ISSN (Online): 2278 – 8875
6. Adarsh Mallik, Adinath Jain,” Design of level Cascaded H Bridge Inverter for Photovoltaic Application”, 3 days 5th International Conference on Latest Innovations in Science,

Engineering and Management, at International Centre Goa, Panjim (India) September 2017, ISSN(O): 2319- 8254.

7. **Adinatha , Dr. S.A. Hari Prasad (April, 2017) “PD controller Based Unmanned Ship Navigation”. International Journal of Research –GRANTHAALAYAH. ISSN- 2350-0530(O), ISSN- 2394-3629(P).**
8. Adinatha , Dr.S.A.Hariprasad "Performance Analysis of Ship Tracking using PID/Fuzzy Controller" International Journal of Computer Trends and Technology (IJCTT), V4(6):1858-1861 June Issue 2013 .ISSN 2231-2803.

**National conference:-**

1. Shabin Ahamed.K, Adinatha Jain "Performance Analysis of Standalone Photovoltaic Powered Water Pumping System" , National Conference on Research Challenges in power, control, communication and Instrumentation Leading to Sustainable Technologies (NCPCCI-15), April 25, 2015, Bengaluru.

**Industry Institute Interaction:**

1. Involved in arranging Industrial visits for both UG and PG students.
2. Involved in Entrepreneurship Development Cell(EDC) activities

**Consultancy Project Handled:**

1. **Jal Urja Mitra** Skill Development Program, Central Govt MNRE- IIT Roorkee for 1 batch.
2. **I-RISE Suryamitra** Upskilling Program, Central Govt MNRE, RENAC/GIZ- NISE
3. Solar Water pumping **Varunmitra Skill** Development Program, Central Govt MNRE-NISE
4. “ **RV Virtual Vidya** – Adding New Dimension to Education”, Indo – US Endowment(USISTEF)
5. “ Reform, Perform and Transform the Teaching Learning Process in Rural Karnataka”, HCL Grant 2018-19