


**DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT**  
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.



**DEPARTMENT OF ELECTRICAL AND ELECTRONICS  
ENGINEERING**

<b>Faculty Name</b>	<b>RASHMI PATTAN</b>	
<b>Designation</b>	<b>ASSISTANT PROFESSOR</b>	
<b>Educational Qualification</b>	<b>BE M.TECH</b>	
<b>Experience in Years</b>	<b>10</b>	
<b>Area of Interest</b>	<b>Power electronics , HVDC</b>	
<b>Email ID</b>	<b>pattanrashmi@yahoo.com</b>	

**Educational Details**

- M.Tech - Computer applications in Industrial drives ,VTU
- B.E - Electrical and Electronics Engineering ,VTU

**Personal Details**

- Hobbies: Craft Work, Reading, listening music.
- Languages Known—English, Kannada ,Hindi

**Professional Experience**

- Working as Assistant Professor in DSATM at Bangalore from July 2012 to till date.
- Worked as Lecturer in Saptagiri College of engineering at Bangalore from Oct 2008 to July2010.
- Worked as a Lecturer in S.T.J.I.T. College at Ranebennur, Karnataka from Aug 2002to Feb 2005.

**Publications**

**International Journals:**

- NIL

**National Journals:**

- NIL

**Conferences:**

- “SIMO DC-DC Converter with Both Buck Converter And Boost Converter For Different Levels Of DC Output For Multiple Applications.”, *3rd International Conference on Applied Science Engineering and Technology (ICASET-17)*, held on 18th - 19thMay 2017, organized by Sri SaiRam College of Engineering, Anekal, Bengaluru and Institute for Engineering Research and Publication(IFERP). DOI-01.1617/vol4iss3pid0040077
- “Calibration Of Suspended Aerosol Particulate Matter Counter”, *3rd National Conference on Convergence of Science*, at Dayananda Sagar Academy of technology and Management (NCCSTM-2017), held on May 19th 2017 Bangalore, ISBN No. 978-93-85682-48-3.
- “Dynamic Performance Of A 2500 Mw Hvdc Bipolar Transmission Line”, *3rd National Conference on Convergence of Science, Bangalore (NCCSTM-2017)*, held on May 19th 2017, ISBN No. 978-93-85682-48-3.

- “Automated low cost prepaid energy meter” has been presented and published in *National Conference on Convergence of science ,technology and management NCCSTM may 5th2016 with ISBN No. 978-9384935-97-9* at Dayananda Sagar Academy of technology and Management, Bangalore.
- “Boost converter and boost inverter for solar power generation standalone application” has been presented and published in *First national conference on green computing technology NCGCT may 7th 2015 ISBN No. 978-03-84935-31-3* at Dayananda Sagar Academy of technology and Management, Bangalore.
- “VSC-HVDC system for feeding passive industrial loads” has been presented and published in *IETE Conference ref no ACT -47* during 28th to 30thSeptember 2012 at Nimhance convention center , Bangalore

### Awards

- NIL

### Academic Activity

- Working as PAC committee member in Department.
- Department seminar coordinator during academic year 2017-18
- Working as faculty coordinator for women empowerment cell and student Redressal cell in department
- Worked as time table coordinator and Test coordinator during year 2012-13.
- Worked as moderator and evaluator for VTU exams

### Faculty Development Activity

- Participated in two week ISTE STTP on “Electric Power System “conducted in BMS College Bangalore on 10<sup>th</sup> July to 15<sup>th</sup> July 2017 organized by Indian Institute of Technology Kharagpur.
- Participated in national workshop on “ Artificial Neural Networks And Its Applications” held on 16<sup>th</sup> and 17<sup>th</sup> December 2016 organized by PESIT, Bangalore
- Participated in national workshop on “Accreditation Process For Technical Institutions” held on 26<sup>th</sup> and 27<sup>th</sup> august 2016 organized by JSS Academy of technical education, Bangalore
- Participated in national workshop on “Topical and emerging smart grid technology – An overview” held at Dayananda Sagar Academy of technology and Management, Bangalore on 6<sup>th</sup> November 2015.
- Participated in 1 week workshop on “Advance in HVAC, HVDC and Facts controllers” 13<sup>th</sup> -17<sup>th</sup> July 2015, MSRIT Bangalore.
- Participated in workshop on “ Industrial Automation PLC SCADA” technex14 IIT(BHU) Varanasi on 25<sup>th</sup> and 26<sup>th</sup> April 2014 at Dayananda Sagar Academy of technology and Management, Bangalore
- Participated in FDP on “Industrial Automation with PLC and SCADA system” 7<sup>th</sup> and 8<sup>th</sup> Feb 2013 at Dayananda Sagar College Of Engineering , Bangalore
- Participated in pre-convention tutorials “Smart Grid and Embedded System for Automotive Application” 55th annual technical convection IETE Bangalore.
- Participated in 3 days training program on power system simulation studies using MI

power software held by PRDC Bangalore from 16<sup>th</sup> to 18<sup>th</sup> October 2014 at Dayananda Sagar Academy of technology and Management, Bangalore

- Participated in “Empowered Leadership Program” held by center for innovation and leadership on July 2012 held at Dayananda Sagar College Of Engineering , Bangalore

### **Administrative Activity**

- Worked as In charge HOD from Jan 2015 to Aug 2015
- Participated as Session Chair and organizer For First National Conference On Green Computing Technology NCGCT At DSATM May 7<sup>th</sup> 2015
- Participated as Session Chair and organizer for National Conference on emerging science and technology and management 2016 at DSATM on May 5<sup>th</sup> 2016.

### **Professional Membership**

- NIL

### **Contact Details**

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### **My Vision**

- I will hold my students to a standard above and beyond who they know themselves to be and give them the support they need to find themselves in a larger more skilled identity.