




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)
Opp. Art of Living, Udayapura, Kanakapura Road, Bangalore- 560082
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Accredited NBA, NAAC with A+, New Delhi

Faculty Name	RASHMI PATTAN	
Designation	ASSISTANT PROFESSOR	
Educational Qualification	BE M.TECH	
Experience in Years	14	
Area of Interest	Power electronics, HVDC	
Date of Birth	20-09-1980	
Email ID	rashmicpattan@dsatm.edu.in	

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 July 2010.
- Worked as a Lecturer in S.T.J.I.T. College at Ranebennur, Karnataka from Aug 2002 to Feb 2005.

Publications

National Journals:

- Rashmi Pattan, Shwetha K, Shubha Kulkarni, Sreevidya T R “Z Source Resonant Converter for the Electric Vehicle Wireless Charger Using Renewable Energy Sources”, Journal of Applied Science and Computation, Volume VI, Issue VI, June-2019

Conferences:

- Rashmi Pattan, Chetan S, Pradeep S , Karthik S, Pavan Annigeri “Service Robot-R2D2”, 9th National Conference on Advanced techniques in Electrical & Electronics Engineering at SJB Institute of Technology on May 9th 2018 Bangalore,
- Rashmi Pattan, Chetan S, Pradeep S , Karthik S, Pavan Annigeri “R2D2 Moving Information Kiosk”, 4th National Conference on Convergence of Science, Technology and Management at Dayananda Sagar Academy of technology and Management (NCCSTM-2018), held on

May 3rd 2018 Bangalore, ISBN No.978-93-85682-54-4.

- “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 - 19th May 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 5th 2016 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 30th September 2012 at Nimhance convention center , Bangalore

Awards

- Awarded for achieving 100% results in the subject by DSATM ISTE Chapter in 2018-19
- Awarded for achieving good students’ feedback in department from in year 2017-18

Academic Activity

- NAAC main coordinator criteria -3 Institution Level.
- Department NBA criteria coordinator.
- One day workshop done on PSPICE software.
- Working as DAC committee member in Department.
- Department AICTE and VTU coordinator in 2018-19
- Department Project coordinator, Seminar coordinator in 2018-19
- 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.

- worked as moderator and evaluator for VTU exams

Faculty Development Activity

- Participated & completed successfully **AICTE training and learning (ATAL) Academy online FDP on “Challenges and Opportunities in Integration of Electric Vehicles with Smart Electric Grid”** from 16/08/2021 to 20/08/2021 at NIT Goa.
- Participated in 5 days faculty development program on “Power and Energy Systems: Technical Progressions and Research Opportunities” held on 19th -24th July 2021 at BNMIT, Bangalore.
- Participated in 1Day workshop on “National Workshop on Best Practices In SSR Preparation” on 2nd Jan2021 by Padmashree Institute of Management and Science, Bangalore.
- Participated & completed successfully **AICTE training and learning (ATAL) Academy online FDP on “Smart Cities”** from 18th – 22nd January, 2021 at Dayananda Sagar Academy of Technology and Management, Bangalore.
- Participated in the webinar on “Stress Management at Workplace “on December 26th 2020 conducted by SJBIT, Bangalore.
- Participated in STTP on “Power Electronics application for smart grid ,electrical vehicles and renewable energy” on December 16th to 21st ,2020 by JSS Academy Noida .
- Participated & completed successfully **AICTE training and learning (ATAL) Academy online FDP on “Energy Engineering”** from 07th to 11th December 2020 at Global Academy of Technology Bangalore.
- Participated in the webinar on “Artificial intelligence & Machine learning -Trends and future prospects” on December 26th 2020 conducted by SJBIT, Bangalore.
- Participated in STTP on “Research Scholars” week: Engineering on September 17th to 22nd ,2020 organized by NIT Kurukshetra
- Participated & completed successfully **AICTE training and learning (ATAL) Academy online FDP on “Electric Vehicles”** from 01st – 05th September, 2020 by Gyana Ganga Institute of Technology, Jabalpur.
- Participated in STTP on “Smart Technologies in Energy Scenario” on August 10th to 14th ,2020 organized by Budge Budge Institute of Technology.
- Participated in 5 days faculty development program on “Next Generation Intelligent Power Grid Technologies -A Future” on 28th July to 01st august 2020, Dayananda Sagar Academy of Technology and Management, Bangalore
- Participated in workshop on “Electric grid Modernization: Trends, challenges and opportunities” on July 20 -24, 2020 conducted By The National Institute Of Engineering, Mysore.
- Participated in one-week faculty development program on “International Webinar On AI applications in Industrial Evolution 4.0. on 13th to 17th July 2020.
- Participated in 5 days faculty development program on “graphical programming, data acquisition and hardware programming using NI” held during June28th -july2nd, 2019 Dayananda Sagar Academy of Technology and Management, Bangalore.
- Participated in 5 days faculty development program on “Bosch Rexroth PLC, servo drives,

sensors and SCADA” held on Jan 16th -20th, 2019 Dayananda Sagar Academy of Technology and Management, Bangalore.

- Participated in 2 days faculty development program on “Advance multi-domain system modeling using Open Modelica” held on November 26th and 27th, 2018 at BMS college of Engineering Bangalore.
- Participated in 5 days faculty development program on “hydraulics, pneumatics, programmable logic controller and industry 4.0” held on September 8th -12th, 2018 Dayananda Sagar university, Bangalore.
- Participated in 3 days faculty development program on “Outcome Based Education” held on Jun 18th -20th, 2018 Dayananda Sagar Academy of Technology and Management, Bangalore.
- Participated in Four day’s faculty development program on “**Latest advancements in power Engineering Sector**, held on Jan 8th -11th, 2018 Dayananda Sagar Academy of Technology and Management, Bangalore.
- Participated in 3 days NBA workshop on 11th ,12th and 13th December 2017 at Dayananda Sagar Academy of technology and Management, Bangalore
- Participated in two week ISTE STTP on “Electric Power System “conducted in BMS College Bangalore on 10th July to 15th July 2017 organized by Indian Institute of Technology Kharagpur.
- Participated in national workshop on “ Artificial Neural Networks And Its Applications” held on 16th and 17th December 2016 organized by PESIT, Bangalore
- Participated in national workshop on “Accreditation Process For Technical Institutions” held on 26th and 27th 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 6th November 2015.
- Participated in 1 week workshop on “Advance in HVAC, HVDC and Facts controllers” 13th -17th July 2015, MSRIT Bangalore.
- Participated in workshop on “ Industrial Automation PLC SCADA” technex14 IIT(BHU) Varanasi on 25th and 26th April 2014 at Dayananda Sagar Academy of technology and Management, Bangalore
- Participated in FDP on “Industrial Automation with PLC and SCADA system” 7th and 8th 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 16th to 18th 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

- Participated as Session Chair and organizer for National Conference on emerging science and technology and management 2016 at DSATM on May 5th 2016
- 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 7th 2015

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.