

<b>Name : Akshay S Aspalli</b>		
<b>Designation: Assistant Professor</b>		
<b>Education Qualification</b>	M.Tech ( Power & Energy Systems) (Ph.D)	
<b>Teaching Experience</b>	9.2 years	
<b>Area of Interest</b>	Power & Energy Systems, Renewable & Non-Renewable Energy.	
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**List of Papers Published in International / National Journals**

- Akshay S Aspalli and Farha Naaz. “ Design And Simulation Of High Efficiency Hybrid High Step Up DC-DC Converters For Distributed PV Generation System” International Journal of Research in Advent Technology (IJRAT) ISSN:2321-9637, Vol 7, *ssue 5 – May 2019*
- Shwetha D Gayathri Devi B Akshay S Aspalli, “A New Topology of Single Phase Multi-Level Inverter with Less Number of switches”, International Journal of Engineering Research & Technology, IJERT-2013, Aug, 2013, Volume 2, Issue 8 organised by PESIT, Bangalore, Karnataka , India. ISSN- 2278-0181.
- Ashwini Hosgouda, M S Shobha Akshay S Aspalli, “Implementation of Black Hole Attack Detection and Mitigation in MANET Using Advance BFO Algorithm”, International Journal of Advanced Research in Computer Science & Software Engineering, IJARCSSE-2015, Volume 5 Issue 5, organised by NHCE, Bangalore, Karnataka , India. ISSN: 2277 128X, VOLUME 5, ISSUE 5, MAY 2015, P.465-470.

**List of Papers Published in International /National Conferences:**

- Akshay S Aspalli, Pawan Rangdal and Chandrasekhara S " Governance And Political Entrepreneurship In India" National Level Conference on “MAKE IN INDIA \_ AN OPPORTUNITY FOR EMERGING ENGINEERING TECHNOLOGIES” on 5th and 6th February 2016.
- Akshay S Aspalli and Pawan Rangdal "[Human Values: Role Of Family, Society, Educational Institutions & Entrepreneurs In Inculcating Values](#)” National Level Conference on “MAKE IN INDIA \_ AN OPPORTUNITY FOR EMERGING ENGINEERING TECHNOLOGIES” on 5th and 6th February 2016.
- Akshay S Aspalli, Raveendra R and Anita I Patil, “Fuzzy Logic Solution for Unit Commitment”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka , India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 425-431.
- Akshay S Aspalli, Dr. Suresh H Jangamshetti, “Genetic Algorithm Based Fuzzy Logic Solutions for UCP & EDP problems”, International Conference on Information & Communication Engineering, ICICE-2013, organised by IRD, Bangalore, Karnataka , India on 25 Aug 2013. ISSN: ICICE-25AUG-001(B).
- Satish Reddy N, Manjunatha S, Akshay S Aspalli and Sridhar J P, “Fuzzy based Adaptive PI Control Method for Voltage Regulation of Statcom”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka , India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 403-410.

- Akshay S Aspalli, Manjunatha S and Raveendra R, “GA based Fuzzy Logic Solutions for UC & ED Problems”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka, India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 411-418.
- Sony Venugopal, Akshay S Aspalli and Raveendra R, “Maximum Power Point Tracking For Photovoltaic Systems”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka, India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 432-441.
- Raveendra R and Akshay S Aspalli, “MPPT Control Algorithm for Variable Speed WECS”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka, India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 442-452.
- Anita I Patil, Akshay S Aspalli and Sindhuja G, “Technical Challenges on Microgrids”, International Conference on Current Trends in Engineering Science and Technology, ICCTEST – 2017, organised by Don Bosco Institute of Technology, Bangalore, Karnataka, India. ISBN-978-81-93-1119-5-6 Grenze ID: 02. ICCTEST.2017.1.77, p. 587-594

#### **The role in curriculum development of Electrical & Electronics Engineering Program.**

- Mentors for Students
- Member of Department NBA Team
- Covid-19 Nodal office- member
- Alumni Coordinator
- Department TEQIP Co-ordinator
- Department NPTEL Co-ordinator
- Facilitator and member of organizing committee of INDUCTION PROGRAM
- Nodal officer for SWACH BHARAT SUMMER INTERNSHIP PROGRAM (SBSI)
- Admission committee member
- Training & Placement Coordinator
- Basic Electrical Engineering Lab in charge
- NAAC committee of Dept
- Discipline Committee Team, PDACEK
- Nirman-19 core committee member PDACEK

#### **Details of membership of Professional Bodies**

- Life Member of **IETE**
- Life Member for **ISTE**
- **IEEE** Professional Member

#### **Invited Guest Lecture :**

Talk on “Energy Conservation” held at IEI, Kalaburgi on 19th Dec 2018 by IEI Kalaburagi Local Centre. Kalaburgi

#### **Workshops Attended:**

S No.	Name of Training Program	Conducted / Attended	Name of the Sponsoring Agency	Duration From - To	Venue
01	Grid Integration Techniques for Electric Vehicles	Attended	AICTE	14 <sup>th</sup> sept 2020 to 19 <sup>th</sup> sept 2020	Electrical and Electronics Engineering Department of SAINTGITS.
02	Solar PV Rooftop	Attended	TEQIP	04 <sup>th</sup> to 08 <sup>th</sup> Feb 2019 (one week)	Mahatma Gandhi Institute of Rural Energy and Development. Jakkur, Bangalore
03	Cyber Security	Attended	TEQIP-III	14 <sup>th</sup> to 18 <sup>th</sup> March 2019 (One Week)	Dept of CSE PDACEK
04	Effective Quality research paper writing	Attended	TEQIP-III	24/06/2019 to 29/06/2019	Sterling Institute of Management Studies, Nerul,

	and publishing in high			(one week)	Navi
05	“Electric Vehicles – controls, Motors, Storage and Technologies”	Attended	EEE Department TEQIP-III	03 <sup>rd</sup> to 07 <sup>th</sup> September 2019 (one week)	PDACE Kalaburgi
06	One-day international seminar on ADVANCES IN MATERIALS TECHNOLOGY	Attended	TEQIP-III	24/08/2019	Seminar Hall-2 SAC Building, PDACEK
07	Geometric Dimensioning & Tolerancing (GD&T)	Attended	TEQIP-III	25 <sup>th</sup> April 2018 to 30 <sup>th</sup> April 2018 (one week)	Seminar Hall-1 SAC Building, PDACEK
08	Power Electronics and Drives	Attended	EEE Department TEQIP-III	5 <sup>th</sup> to 10 <sup>th</sup> March 2018 (05 days)	PDACE Kalaburgi
09	Biomedical signal processing and analysis for cognitive neuroscience study	Attended	ECE Department AICTE	1 <sup>st</sup> to 12 <sup>th</sup> Jan 2018 (Two weeks)	PDACE Kalaburgi
10	Faculty Induction Program	Attended	NPIU	27 <sup>th</sup> Nov to 2 <sup>nd</sup> Dec 2017	COE, Pune

**Workshops organized:**

Organized a workshop under TEQIP-III on “Electric Vehicles – controls, Motors, Storage and Technologies” from 03<sup>rd</sup> to 07<sup>th</sup> September 2019 at Dept. of EEE, PDACE, kalaburgi

**Achievements:**

“Best Teacher” Award 2019 organised by ESN awards on September 28<sup>th</sup> 2019 at Chennai, india.