

RESUME

Name : G.Ashok
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Designation : Assistant Professor
Department : EEE
Date of Birth : 23/06/1988
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Date of Joining in the Institution: 15-09-2014

Academic Excellence:

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
Phd	JNTUK	Pursuing	2019
M. Tech	JNTUK	First class with distinction	DEC-2013
B. Tech	JNTUK	First class with distinction	May-2009

Total Years of Experience (Teaching/Industry):

Period		Organization/Institution/Industry	Designation
29 Sept 2009	5 Dec 2011	SISTAM,Srikakulam	Asst. Prof.
2 June 2013	21 Jan 2013	SVEB,Bobbili	Asst. Prof.
24 Jan 2013	13 Sep 2014	SVCET,Etcherla	Asst. Prof.
15 Sep 2014	Till date	AITAM.Tekkali	Asst. Prof.

Areas of Interest:

1. Electrical Machines.
2. Power Electronics
3. Control systems

Guidance of Academic Projects:

Bachelor Projects : -

- i) Automatic voltage regulator
- ii) Design and fabrication of series inverter
- iii) A new power factor Correction technique using PFC boost converter
- iv) Piezo electric vibration detector triggered LED display board
- v) Design and implementation of electric assisted bicycle with attached dynamo

Memberships of Professional Societies : ISTE

Other Responsibilities:

1. Departmental SAC coordinator, Modular coordinator, EDC coordinator

Details of Conferences / Workshops / Refresher Courses Attended:

1. A One day Workshop on “**Outcome Based Education**” Under TEQIP Phase-II organised by Aditya Institute of Technology And Management on 6th December 2014.
2. A Seminar on “**Twenty First Century, the dawn of Digital Era: Pedagogical Issue of Technical Teachers**” organized at AITAM, Tekkali under 9th ISTE AP Section Annual Convention And Award Function on 15th & 16th Nov, 2014.
3. A One Week Faculty Development Programme on “**Effective Solution To Smart-Grid**” Under TEQIP Phase-II organized by Aditya Institute of Technology And Management from 4th to 8th April, 2015.
4. A Two Day National Conference On “ **Recent Trends In Power Electronics & Drives** “ Held During 22nd To 23rd January 2016 At Aditya Institute Of Technology And Management- Tekkali.
5. A One Week Faculty Development Programme On “**Optimization Techniques For Electrical Engineering Applications**” Under TEQIP Phase-II Organized By Aditya Institute Of Technology And Management From 22nd To 27th September, 2016.
6. A Two Day Workshop on “**Outcome Based Education**” Organized By Aditya Institute Of Technology And Management From 13th & 14th, July-2019.
7. A One week Workshop on “**Recent trends in power electronics applications in electric vehicles and PV systems**” Organized By Pragati engineering college, Surampalem, Kakinada from 26th to 31st August, 2019
8. A One week Workshop on “**Lab View in engineering & Academic Research**” Organized By Aditya institute Of Technology And Management From 27th to 1st, Feb, 2020

9. A one week FDP on “**Cutting edge technology for electrical engineering**” organized by Andhra Loyola institute of engineering and technology ,Vijayawada from 18th to 22nd , May,2020.

10. A one week FDP on “**Challenges and research opportunities in micro grid operation, control and protection**” organized by Aditya institute of technology and management, Tekkali from 15th to 19th , June,2020.

Details of Publications:

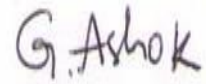
1. **G.Ashok ,K.B.Madhu sahu, Ch.Krishna Rao ,”Closed loop operation of AC-DC step up converter using fuzzy logic controller” *International journal of engineering research and applications* ,vol.3 issue.6,nov-dec 2013, pp 1040-1047.**
2. **G.Ashok , B.Ravi kumar, B.Siva Prasad,” Tuning PID controller parameters for Load frequency control considering system uncertainties” *International journal of engineering research and applications* ,vol.5 issue.5,May 2015, pp 42-47.**
3. **G.Ashok, S. Nagaraju, M.Mani Sankar, A. Srinivasareddy “Economic Load Dispatch considering Valve Point Loading using Cuckoo Search Algorithm” *IJS DR*, vol.1 issue.7,JULY 2016, pp 225-229.**
4. **G.Ashok, R.Jogarao, Mouliswararao.Reddy, “Analysis of Commutation Torque Ripple Minimization for Brushless DC Motor Based on SEPIC Converter” *International journal of engineering research and applications* ,vol.6 issue.11, Nov 2016, pp 5-11.**
5. **G.Ashok ,T.Lokanadha Rao , T.Manmadha rao , Y.Santhosh,” Effects of Design Parameters of Wind Turbine on Its Performance” *IJSART - Volume 5 Issue 1 –January 2019, ISSN : 2395***
6. **G.Ashok,V.Sandeep,V.Chandrakanth,S.Sivarama Krishna,” piezo electric vibration detector triggered LED display board” *IJR D*-Volume-4.Issue-4, April 2019,Issn-2455-7838.**
7. **G.Ashok, K.Chandrika, P.Revanth, Ch.Yogananda, D.Vandana “Design and implementation of electric assisted bicycle with attached dynamo” *IJMR*, Volume-6.Issue-11,november 2020,Issn-2455-3662.**

Details of NPTEL Courses completed:

S.NO	DATES	NAME OF THE COURSE	GRADE	HOST INSTITUTION
1	FEB-APR,2018	POWER SYSTEM ENGINEERING	Topper in 5%	IIT MADRAS
3	AUG-OCT, 2019	ACCREDITATION AND OUTCOME BASED LEARNING	ELITE	IIT,KHARAGPUR

Other Achievements: - - - - -

1. I got silver medal in M.Tech for my academic excellence.
2. I was topper in the 5% of NPTEL Course (power system engineering)

A handwritten signature in black ink that reads "G. Ashok". The letters are cursive and slightly slanted to the right.

Signature