

## Profile of G ANILKUMAR

**Name:** ANILKUMAR GURRAPUSALA

**Designation:** Assistant Professor

Department of Electrical and Electronics Engineering

Bapatla Engineering College, Bapatla.

**Email ID:** anilkumar.gurrapusala@becbapatla.ac.in



---

**Experience: Teaching: 10** years; **Industry: 0** years

**Research Interests:** POWER QUALITY, POWER SYSTEM PROTECTION, POWER SYSTEM DYNAMICS, MICROGRID, POWER CONVERTERS.

**Educational Qualifications:**

- ◆ PhD Pursing at NIT Tiruchirappalli.
- ◆ M.Tech
- ◆ B.Tech
- ◆ Diploma

**Date of Joining in the Institution:** 06-07-2010

**International/National Journal Publications:**

2014-15	
Sl. No.	Details of Publication
1	P.Madhava varma raju, G.Anil kumar, B.Vijaya Krishna, “Performance Comparison of PID and Neural-Network Based Unified Power-Quality Conditioner” <b>International Journal of Technology and Engineering Science [IJTES] Volume 2[8], pp: 2190-2195, August 2014.</b>
2	D.Pavani, G.Anil kumar, B.Vijaya Krishna, “ Enhancement of Power Quality using Fuzzy based Multilevel DPFC” <b>International Journal of Technology and Engineering Science [IJTES]TM Volume 2[8], pp: 2218-2223, August 2014.</b>
2015-16	
3	Asmatunnisa, G. Anil Kumar “AUTOMATIC ISLAND & GRID-TIED MODE CONTROLLER FOR THREE-PHASE INVERTER IN DISTRIBUTED GENERATION” <b>International Journal of Emerging Engineering Science and Technology Volume 1 Issue 3 -2015.</b>
4	K. Dinesh Varma, B.Vijaya Krishna,G.Anil kumar, A Novel Control Grid Interconnection of Renewable Energy Sources at the Distribution Level with Power-Quality Improvement Feature, <b>JOURNAL OF ELECTRICAL AND ELECTRONINS ENGINEERING VOL 2 ISSUE 8 August 2015.</b>
2016-17	

5	T.Naga Bhargavi,B.Vijaya Krishna, G.Anil kumar," <b>Mitigation Of Sag And Swell In Multibus System By Using DPFC</b> ", International Journal of Engineering Development and Research (IJEDR), ISSN:2321-9939, Volume.4, Issue 3, pp.297-304, July 2016.
<b>2017-18</b>	
6	Goli Ravi Kumar G.Anil kumar P.Manogna ,PERFORMANCE ANALYSIS OF 72-PULSE GTO-BASED GENERALIZED UNIFIED POWER FLOW CONTROLLER UNDER POWER QUALITY PROBLEMS,INTERNATIONAL JOURNAL ON ELECTRICAL ENGINEERING AND INFORMATICS,PRINTED ISSN 2085-6830/ONLINE E-ISSN 2087/5886.(under review process)

#### **International/National Conference Publications:**

<b>2012-13</b>	
Sl. No.	Details of Publication
1	B.Shanker,CH.Santhan Kumar,G.Anil Kumar “Contribution of SVC to Improve Voltage Profile in a Wind Generators Connected Electrical Network with Increased Load Demand” International conference “ICECIT-2012” conducted at SRIT, Anantapur, India Paper was indexed in ELSEVIER.

#### **Events Attended ( FDPs / Workshops / Seminars / Orientation Programs ):**

Sl. No.	Name of the Event	Duration		Organized By
		From	To	
1	A Two Day National Workshop On Power System Analysis Using Software Tools,	23 <sup>rd</sup> March 2009	24 <sup>th</sup> March 2009	Bapatla Engineering College Bapatla.
2	A Three Day National Workshop On Smart Grid and Integration of Renewable Energy Resources,	22 <sup>nd</sup> December 2011	24 <sup>th</sup> December 2011	NIT Warangal
3	National level short term training training program on applications of the power electronics to renewable energy under the aegis of national mission on power electronics technology	12 <sup>th</sup> May 2016.	14 <sup>th</sup> May 2016.	NIT GOA
4	Two Week ISTE STTP on Electric Power System conducted	10 <sup>th</sup> July 2017	15 <sup>th</sup> July 2017	IIT Kharagpur ,Attended at R.V.R. & J. C. College of Engineering,Chowdavaram - Guntur(Andhra pradesh).

5	Three Days National Level Faculty Development Training Programme on <i>Design and Development of Feedback Controllers for Power Electronics Converters Based Systems</i>	23 <sup>rd</sup> November 2017	25 <sup>th</sup> November 2017	Karpagam College of Engineering, Coimbatore.
6	Applications of MATLAB/SIMULINK to Electrical Systems	7 <sup>th</sup> December 2017	9 <sup>th</sup> December 2017	BEC,Bapatla
7	Feedback Controllers for Renewable Energy Systems in Microgrid	27 <sup>th</sup> September 2018	29 <sup>th</sup> September 2018	BEC,Bapatla
8	A Five Day Short term Program on “Challenging Avenues and Research on Fuel Cell Operated Electric Vehicle Retrofitting	6 <sup>th</sup> Jan, 2020	10 <sup>th</sup> Jan, 2020	BEC,Bapatla
9				
10				
11				
12				

**Guest Lectures Delivered / Training Classes Conducted : nil**

**Achievements / Activities:**

- ◆ A National Level Techno, Cultural, Literary & Sports Fest. **BECTAGON 2020**. Feb 14<sup>th</sup>&15<sup>th</sup> **2020**, Department level technical quiz coordinator.
- ◆ “Technological Advances in Power Switching Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles” Faculty Development Program Organized by EEE department BEC bapatla from 1 to 5 June2020.Role as Coordinator.
- ◆
- ◆
- ◆

**Administrative Experience:**

- ◆ Time Table In charge for two years and second person for three years.
- ◆ Placement Coordinator for two years
- ◆ Final Year Project Class Coordinator for Academic Years 2018-2019(one semester)  
,2019-2020

**Memberships in Professional Bodies:**

- ◆ MISTE LIFE Membership (LM 121325)
- ◆ IAENG LIFE Membership (265211)

**Additional Details (if any):** nil

**(G ANILKUMAR )**