

PROFILE



1. Name : Tottadi .Bhavani
2. Designation & Department : Assistant Professor.,
DR.B.R.AU College of Engineering,
Department Of Electrical & Electronics Engineering
EtcherlaSrikakulam.
3. Highest Qualification : M.Tech (Ph.D)
Topic: Active & Reactive power control by using Three Phase Six Cycloconverter
4. Total Teaching Experience : 16 Years
5. Research Area of Interest : Electrical Circuits, Control Systems, PowerSystems
6. Academic Record:

S.No	Qualification	University/College	Year of passing	% of Marks	Class/Division
1.	Ph.D	GIET, Gunupur	2019-		Pursuing
2.	M.Tech (P.I.D)	GMRIT,JNTU-K	2008-2010	75%	1 st Class with Distinction
3.	B.Tech (EEE)	SISTAM,JNTU-K	2002-06	60.4%	1 st Class
4.	Intermediate	NMRJC,Amadalavalasa	2000-02	69.2%	1 st Class
5.	SSC	Z.P. high School, Rottavalasa	2000	65%	1 st Class

7. Teaching Experience:

S.No	Place	Position	Duration
1.	Dr.BRAU College of Engineering.	Asst.Professor, Dept.of Electrical and Electronics Engg	27-08-2018 to till date
2.	Sarada Institute Of Science Technology And Management	Associate Professor & H.O.D, Dept.of Electrical and Electronics Engg	31-05-2013 to 25-08-2018
3.	Sri Sivani college of Engineering, Chilakapalem, Srikakulam (Dt)	Associate Professor, Dept.of Electrical and Electronics Engg	08-07-2009 to 30-05-2013
4.	Sarada Institute Of Science Technology And Management	Asst.Professor, Dept.of Electrical and Electronics Engg	01-07-2006 to 30-06-2009

* I have been ratified by JNTU-K Two times for various colleges in academic years 2013-14, 2014-15.

* I have qualified in GATE 2011 and Secured all India 8544 rank.

8. Faculty training programmes on “Teaching & Learning process”:

S.No.	Teaching & Learning process
1.	Attended for the “High Impact Teaching Skills” training programme 21 st &22 nd feb2011 conducted by wipro Mission 10X
2.	Attended for Five Days National Level workshop on “Mission 10X Faculty Empowerment Programme” held on 21 st to 25 th Feb 2011 conducted by wipro Mission 10X
3.	Attended for One week Faculty Development Programme on “Electrical Power Systems With Emphasis on Mat Lab(EPSEM)” held on 4 th to 9 th Dec 2017 Conducted by LIET.

9. Details of workshops attended:

S.No	Title of programme attended	Duration	Attended at
1.	National Level workshop on “Mission 10X Faculty Empowerment Programme”	21 st to 25 th Feb 2011	AITAM, Tekkali.
2.	National workshop on “Sustainable Development and Environmental Challenges”	26 th & 27 th March 2010	GMR Institute of Technology, Rajam.
3.	National workshop on “Wide Area Monitoring and Control of Sustainable Power Systems”	24 th and 25 th Jan 2013	GITAM University, Visakhapatnam.
4.	One day workshop on “Quality Improvement Programme”	3 rd May 2013	SSCE, Chilakapalem.
5.	National workshop on “Future Challenges and issues of photovoltaic and Wind Energy Sources in the Power Sector”	22 nd & 23 rd Nov 2013	AU, Visakhapatnam
6.	National Workshop on “ Smart Grid Conceptualization And Implementation”	24 th Dec 2016	LENDI College, VZM.
7.	National Level One week Faculty Development Programme on “Electrical Power Systems With Emphasis on Mat Lab(EPSEM)”	4 th to 9 th Dec 2017	LENDI College, VZM.

10. Details of papers Presented:

Journals		Conference/Seminors		Total
International	National	International	National	
12	-----	4	----	16

11. International Journals

S.NO	TITLE OF HE PAPER	NAME OF THE JOURNAL	ISSN NO
1	FUZZY CONTROLLER BASED REAL POWER FLOW CONTROL IN TRANSMISSION SYSTEM USING THYRISTOR CONTROLLED SERIES CAPACITOR(PAGE NO:163-167)	INTERNATIONAL JOURNAL & MAGAZINE OF ENGINEERING TECHNOLOGY ,MANAGEMENT AND RESEARCH	2348-4845
2	A NEW MMC BASED INVERTER WITH FACTS CAPABILITIES FOR RES APPLICATIONS (PAGE NO:11124-11129)	INTERNATIONAL JOURNAL OF SCIENTIFIC ENGINEERING AND TECHNOLOGY RESEARCH	2319-8885
3	PERFORMANCE ANALYSIS OF MULTICONVERTER –UNIFIED POWER UALITY CONDITIONER FOR POWER QUALITY IMPROVEMENT(PAGE NO:158-162)	INTERNATIONAL JOURNAL & MAGAZINE OF ENGINEERING TECHNOLOGY ,MANAGEMENT AND RESEARCH	2348-4845
4	IMPLEMENTATION OF CASCADE H-BRIDGE MULTIVEL INVERTER SINUSOIDAL PWM CONTROLLER FED INDUCTION MOTOR DRIVE(PAGE NO:1870-1876)	INTERNATIONAL JOURNAL OF ADVANCED TECHNOLOGY AND INNOVATIVE RESEARCH	2348-2370
5	A NOVEL APPROACH FOR MODELLING OF MICROGRID WITH SOLAR AND WIND ENERGY SYSTEMS BY USING FIZZY CONTROL(PAGE N0:65-69)	INTERNATIONAL JOURNAL & MAGAZINE OF ENGINEERING TECHNOLOGY ,MANAGEMENT AND RESEARCH	2348-4845
6	INTERCONNECTION OF WIND GENERATION TO GRID WITH SPMC BASED BOOST RECTIFIER(PAGE NO:3682-3686)	INTERNATIONAL JOURNAL OF ADVANCED TECHNOLOGY AND INNOVATIVE RESEARCH	2348-2370
7	ANALYSIS OF FOUR LEG ACTIVE POWER FILTER PERFORMANCE UNDER CONVENTIONAL AND FUZZY INTEGRATED PREDICTIVE CONTROL TECHNIQUES FOR POWER QUALITY IMPROVEMENT(PAGE NO:201-206)	INTERNATIONAL JOURNAL OF RESEARCH	2348-6848
8	NOVEL DESIGN OF SOLAR	INTERNATIONAL	2348-

	ELECTRIC BICYCLE WITH PEDAL ASSISTANCE(PAGE NO:104-108)	JOURNAL &MAGAZINE OF ENGINEERING TECHNOLOGY ,MANAGEMENT AND RESEARCH	4845
9	ANALYSIS OF PI AND FUZZY BASED UNIT VECTOR CONTROL STRAGIES OF STATCOM FOR POWER QUALITY IMPROVEMENT IN GRID CONNECTED WIND ENERGY SYSTEM(PAGE NO:0037-0042)	INTERNATIONAL JOURNAL OF ADVANCED TECHNOLOGY AND INNOVATIVE RESEARCH	2348-2370
10	A HIGH STEP DOWN HIGH EFFICIENT SINGLE STAGE AC/DC CONVERTER FOR DC MOTOR APPLICATIONS(PAGE NO:11130-11135)	INTERNATIONAL JOURNAL OF SCIENTIFIC ENGINEERING AND TECHNOLOGY RESEARCH	2319-8885
11	PERFORMANCE ANALYSIS OF DISTRIBUTION GENERATION SCHEME FED PMSM DRIVE THROUGH FUEL CELL ENERGY SOURCE (PAGE NO:1-10)	INTERNATIONAL JOURNAL & MAGAZINE OF ENGINEERING TECHNOLOGY ,MANAGEMENT AND RESEARCH	2348-4845
12	PERFORMANCE ANALYSIS OF HIGH STEP UP GAIN MODULAR CONVERTER FED INDUCTION MOTOR DRIVE(PAGE NO:3848-3855)	INTERNATIONAL JOURNAL OF ADVANCED TECHNOLOGY AND INNOVATIVE RESEARCH	2348-2370

11. International Conferences (4):

1. T.Bhavani, M.Sureshkumar, Submitted a research paper on “Active and Reactive Power Control using Three phase Six step Cycloconverter” International Conference on MIPSICCON 2011 conducted by GMRIT,Rajam during April 7-9, 2011.

2. T.Bhavani,Submitted a research paper on “An Integrated System for SAPF With Photovoltaic Energy Conversion” International Conference on SEMCCO 2013 conducted by SRM University, Chennai during December 19-21,2013

3. T.Bhavani,Submitted a research paper on “SPMC Based Control Techniques to control Active and Reactive Power” International Conference on SEMCCO 2013 conducted by SRM University,Chennai during December 19-21,2013

4.. T.Bhavani, K.Sravani, Submitted a research paper on “Technique of Image Resolution Enhancement by using Multi Resolution Transforms” International Conference on SEMCCO 2013 conducted by SRM University, Chennai during December 19-21, 2013

12. Major Industries Visited:

S.No.	Name of the Industry	Location
1.	NTPC	Vishakhapatnam, AP

13. Awards Received:

S.No	Received Year	Title of the Award	Achievement	Given by
1	2007-08	Best Teacher	Best response in the Subjects: 1.Control Systems 2.PSOC	SISTAM, Srikakulam.
2.	2008-09	Best Teacher	Best response in the Subjects: 1.PSOC 2.DCS	SISTAM, Srikakulam
3.	2010-11	Best Teacher	Best response in the Subjects: 1. PSOC 2.DCS 3.Network Analysis	SSCE, Chilakapalem
4.	2011-12	Best Teacher	Best response in the Subjects: 1.LSA 2.ECA-II 3.MS	SSCE, Chilakapalem
5.	2012-13	Best Teacher	Best response in the Subjects: <u>1.ECA-I</u> <u>2.PSOC</u>	SSCE, Chilakapalem

14. Projects Handled:

S.No	Project level	No. of Projects
1.	B.E/B.Tech	25
2.	M.Tech	10

15. Administrative works

1. Dept. Coordinator for FDP, in Sri Sivani College of Engineering.
2. Dept. Alumina coordinator, in Sistam College of Engineering.
3. Head of the Department, in Sistam College
4. Participated in the National workshop on “Intellectual Property rights and patents” organised by College of Engineering, Dr B R Ambedkar University in collaboration with National Research Development Corporation, new delhi on 28th February 2019.
5. Co-Convener for SAVISKAR 2k19 organized by College of Engineering, Dr B R Ambedkar university in collaboration with LINCOLN University, Malasia on 1st, 2nd of April, 2019.
6. Presented paper titled “Efficient Composite Window Approach of Digital FIR Filter for ECG Filtering” in SAVISKAR 2k19 organized by College of Engineering, Dr B R Ambedkar University in collaboration with LINCOLN University, Malasia on 1st, 2nd of April, 2019.
7. participated in faculty development program on “Lab view in engineering & academic research on 27 jan to 1stfeb 2020.
8. Co-Convener for SAVISKAR 2k20 organized by College of Engineering, Dr B R Ambedkar university in collaboration with LINCOLN University, Malasia on 12th & 13th of March 2020
9. Associate coordinator of Electrical Works in Dr.B.R.Ambedkar University from November 2018 to January 2022.
10. Programme officer of NSS Unit VII from March 2022 to till date in Dr.B.R.Ambedkar University, Srikakulam

16. Memberships:

1. ISTE
2. Life Time Membership in IEEE.

17. Achievements:

1. Attended a Webinar on " Adaptive Signal Processing" held at Narayana Engineering College, Guduru on 06-03-2020.
2. Attended a Webinar on The best way to Live Life is with an "Attitude Of Gratitude" held at Royal Global University, Guwahati on 26/05/2020.
3. **Got the appreciation certificate** in a Quiz on "APTITUDE TEST FOR FACULTY ON OBTL" conducted by Usha Rama College of Engineering and Technology, Telaprolu, Andhra Pradesh, India on 23/05/2020.
4. Virtually Participated in Awareness Program on Outcome Based Education (OBE) MLR Institute of Technology on 21/5/2020.
5. Virtually Participated in “Faculty Program on NBA” held at Bharati Vidyapeeth College Of Engineering, Navi Mumbai-400614 on 18/5/2020.
6. Attended Two days online FDP on "Microstrip antennas for advanced wireless communication" held at Kallam haranadha reddy institute of technology in association with IETE on 15,16/05/2020.

7. **Got the appreciation certificate** in a Quiz competition on "python" held at Mahendra Arts and Science College, Tamilnadu, India on 05-12-2020.
8. Virtually Participated in Faculty Awareness Programme on Outcome Based Education (OBE) and NBA Accreditation held at Sinhgad Institute of Technology and Science, Narhe, Pune on 05-10-2020.
9. Attended online NAAC Awareness Programme for Faculty held at Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune- 47 on 08/05/2020 to 14/05/2020.
10. Attended Webinar on “ Application of Statistical tools and Energy Engineering” held at Shree L.R.Tiwari college of Engineering, Maharashtra on 20,21/05/2020.
11. Attended online workshop Covid-19 Prathiraksha perspectives of Ayurveda and Yoga held at Bhaktha Kavi Narasinh Mehta University, Junagadh on 05-04-2020.
12. Attended the national workshop on Assessment and accreditation of HEI’s and Colleges organised by IQAC Dr.B.R.Ambedkar University, Srikakulam in Association with NAAC Bangalore on 3rd Feb , 2020.
13. Participated in one week Faculty Development programme on “LabVIEW in Engineering & Academic Research” held during 27th January to 1st February, 2020 at AITAM, Tekkali.
14. Attended a National level one week FDP on “research Innovation and Emerging Advances in Electrical Engineering” (RIEAE – 2022)” held during 4th april to 9th April 2022, Organised by AITAM, Tekkali.
15. Participated in “National Womens Parliament” on 4th March, 2022 at Acharya Nagarjuna University, Guntur.
16. I had been conducted a one day national level workshop on Advanced MATLAB Applications in power sector in Sistam college of Engineering...
17. Address for Communication:

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(T. Bhavani)