

FACULTY PROFILE

Name of the faculty: Vargil Kumar E.

Department: Electrical & Electronics Engineering

College: Gudlavalleru Engineering College

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RESIDENTIAL ADDRESS: Do:1-3/4-226, 4 pols Center, Vijayawada

ACADEMIC QUALIFICATIONS: M.Tech (Power Electronics & Drives)

Pursuing-Ph.D. @ IIT-Delhi (Power Electronics)

ACADEMIC REWARDS/ ACHIEVEMENTS:

Received the best paper award for paper titled “**Design and Analysis of Two-Input DC-DC Converter Used in Low Voltage DC-Grid Applications**”, at IEEE-ICACT-2013 conference.

PROFESSIONAL EXPERIENCE:

Designation	Institution	Period
Associate Professor	GEC	1-1-2011 till date
Sr. Assistant Professor	GEC	1-7-2009 to 31-12-2010
Assistant Professor	GEC	20-12-2003 to 1-7-2009

SPECIALIZATION:

DC-Micro grids, Multi-input DC-DC converters, Switched Mode Power Supplies Design.

AWARDS / RECOGNISATIONS / ACHIEVEMENTS:

Best Paper in IEEE - ICACT-2013, conference at Annamacharya Institute of Technology during 10th to 11th August 2013.

MEMBERSHIP IN PROFESSIONAL BODIES: MIEEE, MIE, LMISTE**EDITORIAL / ADVISORY BOARD:****PROJECTS GUIDED:**

PhD	Post Graduation	Under Graduation
-	10	27

WORKSHOPS/SEMINARS/GUEST LECTURES ORGANIZED/ATTENDED:

Description	Total
Workshops / Short term courses Organized	01
Workshops / Short term courses Attended	14
Guest Lectures delivered	-
Professional Activities: (Resource Person/ Session Chair for conferences or symposium)	

RESEARCH PUBLICATIONS:

No. of Papers Published	Conferences	National	2
		International	17
	Journals	National	2
		International	2
No. of Books Published			

R & D and CONSULTANCY:

Description	No. of Projects	Amount Sanctioned / Generated	Status
External Funded Research Projects	-	-	-
In – House R & D	1	1,80,000	Completed

12. Published a paper on “**A Sector advanced technique to improve dynamic response of a direct torque controlled Induction motor**” at PECON-2010 an IEEE International conference held at Malaysia, during 29th to 1st December 2010.
13. Published a paper on “**A Novel Low Cost Bi-Polar –starting and unipolar-running converter for extended torque speed characteristics of spindle motor**” at PECON-2010 an IEEE International conference held at Malaysia, during 29th to 1st December 2010.
14. Published a paper on “**Electronic control Unit for an Adaptive Cruise control and Engine Management system in a vehicle using Electronic Fuel Injector**” at INTERACT-2010 an IEEE International conference held at Chennai, during 3rd to 5th December 2010.
15. Presented a paper at NPSC-2010, conducted by Osmania University during 15th – 17th December 2010, titled “**Analysis of three phase SEIG with novel LVARC along with Alleviation of harmonics with SAF**”.
16. Published a paper at NPSC-2010, conducted by Osmania University during 15th – 17th December 2010, titled “**An improvement in dynamic response of a direct torque controlled induction motor using sector advancing technique**”.
17. Presented a paper at National Seminar, conducted by Gudlavalluru Engineering College on 24th October 2009, titled “**Steady State Investigation of wind power generation with VAR Controller**”.

LIST OF WORKSHOPS/PAPER CONTESTS ORGANIZED:

1. Acted as Coordinator & SPOC for a one day National Workshop on 'NPTEL' jointly organized by Gudlavalluru Engineering College and IIT-Madras, on 6th December 2018.
2. Acted as Coordinator for National Level Paper Presentation “**PHASE – 2K10**” conducted at Gudlavalluru Engineering College, Gudlavalluru.
3. Acted as Coordinator for National Level Paper Presentation “**PHASE – 2K9**” organized at Gudlavalluru Engineering College, as part of GECFEST-09 Gudlavalluru.
4. Acted as Coordinator for National Level Paper Presentation “**PHASE – 2K6**” organized at Gudlavalluru Engineering College, as part of GECFEST-10 Gudlavalluru.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

2. Attended a one day National Workshop on 'NPTEL' jointly organized by Gudlavalluru Engineering College and IIT-Madras on 6th December 2018.
3. Attended and presented a paper at “**PEDES-2018**” an IEEE International conference, at IIT-Bombay, during 16th to 19th December 2014.
4. Attended and presented a paper at “**ITEC-2017**” an IEEE International conference, at IIT-Bombay, during 16th to 19th December 2014.

5. Attended and presented a paper at “**PEDES-2016**” an IEEE International conference, at IIT-Bombay, during 16th to 19th December 2014.
6. Attended a two day FDP on “**Renewable Energies and Grid Integration Systems**”, at Velagapurdi Siddhartha Engineering college, Vijayawada during 7th to 9th October 2016.
7. Attended and presented a paper at “**PEDES-2014**” an IEEE International conference, at IIT-Bombay, during 16th to 19th December 2014.
8. Attended and presented a paper at “**ICCC-2013**” an IEEE International conference, at Government College of Engineering, Kerala, during 13th to 15th December 2013.
9. Attended and presented a paper at “**ICACT-2013**” an IEEE International conference, at Indian Annamacharya Institute of Technology, during 10th to 11th August 2013.
10. Attended and presented a paper at “**PECON-2012**” an IEEE International conference, at Deenbandh Chottu Ram Univ. of Technology, Haryana during 2nd to 5th December 2012.
11. Attended and presented a paper at “**PEDES-2010**” an IEEE International conference, at Indian Habitat Center, New Delhi, during 20th to 24th December 2010.
12. Attended and presented a paper at “**NPSC-2010**”, a prestigious National conference at Osmania University, Hyderabad, during 15th to 17th December 2010.
13. Attended a two day workshop on “**PSCAD**” on 30th & 31st March 2007 by KLG Systel, at V.R.Siddhartha Engineering College ,Vijayawada
14. Attended a one day workshop on “Student feedback & performance appraisal” on 17th Feb 2007 at Gudlavalleru Engineering College conducted by National Institute for Technical Teachers Training and Research, Chennai
15. Attended a twelve days workshop on “Instructional Design & Delivery” during 20th November to 2nd December 2006 by NITTTR, Chennai sponsored by AICTE.
16. Attended a six days workshop on “Instructional Design & Delivery” during 3rd July to 8th July 2006 at Gudlavalleru Engineering College conducted by National Institute for Technical Teachers Training & Research, Chennai
17. Attended a one day workshop on “Energy Efficient Management” on 20th October 2004 at B.V.R. Institute of Technology, Narasapur, Medak
18. Attended a 3 Weeks workshop on “Generation, Measurement & Testing techniques in High Voltage Engineering” during 11th October to 2nd November 2004 by U.G.C. Academic Staff College, J.N.T.U, Hyderabad.
19. Attended a seminar on “Biometrics in Information Technology”, conducted by Gudlavalleru Engineering College.

CERTIFICATIONS: Nil

GUEST LECTURES DELIVERED: Nil

MEMBERSHIP IN PROFESSIONAL BODIES:

MIE

MIEEE

LMISTE

CONSULTANCY ACTIVITIES: Nil

GRANTS FETCHED:

Acted as Co-cordinator for MODROBS for a grant of about Rs. 6 Lakhs.