

Dr. Gunti Kishor Babu

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RESIDENTIAL ADDRESS:

Dr. Gunti Kishor Babu

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ACADEMIC QUALIFICATIONS:

S. No	Qualifications	Institute/ University Name	Year of Passing	Regular/ Distance/ Part Time	Specialization
1	SSC	Z. P. High School	2000	Regular	General
2	Inter/Diploma	S.M.S & N.L Jr. Govt. College	2002	Regular	MPC
3	UG: B.Tech	JNTUH	2006	Regular	EEE
4	PG: M.Tech	JNTUH	2008	Regular	PE & ED
5	Ph.D: EEE	ANUCET	2017	Part Time	Control Systems

ACADEMIC REWARDS / ACHIEVEMENTS:

- Qualified in GATE -2006, 2012: (EE) conducted by IITs.

PROFESSIONAL EXPERIENCE:

S. No	Teaching: 10	Industry: 01	Research: 07	Total: 11
	Name of the Organization & Address	Job Title	Period	
			From	To
1	Gudlavalleru Engineering College	Associate Professor	Sept, 2018	Till Date
2	Ramachandra College of Engineering, Eluru	Professor	July,2017	Sept, 2018
3	PSCMRCET, Vijayawada	Associate Professor	July 2012	May 2017
4	Prasad V Potluri Siddhartha Institute of Technology, Vijayawada	Assistant Professor	Dec 2008	Jun 2012
5	Sri Jayalakshmi Spinning mills Limited, Guntur	Electrical Incharge	Sep 2007	Oct 2008

PROJECTS GUIDED:

Ph.D	Post Graduation	Under Graduation
.....	03	17

SPECIALIZATION: Control Systems and Power Electronic & Electric Drives

BOOKS PUBLISHED IN PUBLICATIONS: 01

“Singular Perturbation Method”, LAMBERT Academic Publications; ISBN: 978-620-2-06889-5.

PAPERS PUBLISHED IN JOURNALS: 11

- Dr. G Kishore Babu (2018), ‘A Voltage-Controlled DG Unit-Based Damping Method For Micro Grid’, IJCRT, Vol. 6 Issue 11.
- Kishore Babu G. and Krishnarayalu M. S. (2018), ‘Singular Perturbation Method for a class of Multi Parameter Discrete Control Systems’, J. Inst. Eng. India(IEI) Ser. B (Springer) – Accepted.
- Kishore Babu G. and Krishnarayalu M. S. (2018), ‘Application of Singular Perturbation Method To Two Time Scale Armature Controlled DC Servo Motor’, Journal of Electrical Engineering (JEE).
- Kishore Babu G. and Krishnarayalu M. S. (2017), ‘Application of Singular Perturbation Method to Two Parameter Discrete Power System Model’, Journal of Control and Instrumentation Engineering Volume 3 Issue 3.
- Kishore Babu G. and Madhu kiran .B (2016), ‘Solar Powered Hybrid Boat’, IJCSM, Vol. 2, Issue 3.
- Kishore Babu G. and Krishnarayalu M. S. (2015), ‘Shooting methods for two point boundary value problems of discrete control systems’, IJCA, Vol. 111 Issue 6.
- Kishore Babu G. and Krishnarayalu M. S. (2014), ‘Suboptimal control of singularly perturbed two parameter discrete control system’, IEEJ, Vol. 5 Issue 11
- Kishore Babu G. and Krishnarayalu M. S. (2014), ‘Some Applications of Discrete One Parameter Singular Perturbation Method’, IJCET, Vol. 4 Issue 10.
- Kishore Babu G. and Krishnarayalu M. S. (2014), ‘Suboptimal control of singularly perturbed discrete control system’, IJEEE, Vol. 9 Issue 10.
- Kishore Babu G. and Krishnarayalu M. S. (2012), ‘An Application of Discrete Two Parameter Singular Perturbation Method’, IJERT, Vol. 1 Issue 10.
- Kishore Babu G. and Krishnarayalu M. S. (2012), ‘Application of Singular Perturbation Method to a Discrete Power System Model’, i-manager’s, Vol. 8 Issue 10.

PAPERS PUBLISHED IN CONFERENCES: 03

- Dr. G. Kishore Babu, Mr. G. Shinyvikram, Mr. J. Suresh. (2018), ‘Vector Control Techniques for Speed Control of Induction Motor’, IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA), RVS Technical Campus Coimbatore, Tamilnadu, India.
- Dr. G. Kishore Babu , Mr. Ch. S. K. B. Pradeepkumar. (2018), ‘CUK-SEPIC Converter For Hybrid Energy System’, IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA), RVS Technical Campus Coimbatore, Tamilnadu, India.
- Kishore Babu G. and Krishnarayalu M. S. (2015), ‘Suboptimal control of singularly perturbed multi-parameter discrete control system’ IEEE International conference on Power, instrumentation, Control and Computing(PICC).

LIST OF WORKSHOPS ORGANIZED: 03

- Organized 3 Days Technical workshop on “**SCILAB**” during the period from 30/11/2016 to 02/12/2016 organized by Dept. EEE in association with IEI student chapter at PSCMRCET, Vijayawada. And i am also advisor IEI student chapter.
- Organized 5 Days Technical workshop on “**PLC & SCADA**” during the period from 28/01/2014 to 01/02/2014 and 19/09/2016 to 23/09/2016 organized by Dept. EEE in association with IEI student chapter at PSCMRCET, Vijayawada. And i am also advisor IEI student chapter.
- Organized “PSCMRCET JIGNASA-2K12” in Dec 2012, A NATIONAL LEVEL TECHNICAL SYMPOSIUM.

LIST OF WORKSHOPS /CONFERENCES /SEMINARS ATTENDED:

- Attended two days workshop on “Green Energy and Smart Grids” during 20.07.18 to 21.07.18 at PVPSIT.
- Attended to IEEE International conference on Electronics, Communication and Aerospace Technology (ICECA-2018), RVS Technical Campus, Coimbatore, Tamilnadu, India.
- Participated a five days workshop on “Effective teaching and learning of smart grid & Microgrid technologies” during 04.12.17 to 08.12.17 organized by the department of electrical engineering, NIT Waranal.
- Participated a five days program on “faculty development program” during 07.11.17 to 11.11.17 organized by the department of computer science engineering, RCE, Eluru.

- Participated a two day national seminar on “Role of Smart Grids in Smart Cities: Challenges and Solutions” on 15th & 16th September 2017 at DVR & Dr. HS MIC College of Technology, Kanchikacherla– 521180, Krishna District A.P .
- Participated a one day workshop on “Entrepreneurship Development” on 06.10.17 organized by New Gen IEDC-RCEE, Ramachandra College of Engineering.
- Attended to IEEE Conference on Power, Instrumentation, Control and Computing (PICC-2015) organized by Govt. Engineering College, Thrissur.
- Attended to short term teacher’s training programming on “Advanced control systems “during the period from 23-28 Jan 2012 organized by VRSC, Vijayawada.
- Attended one week seminar on “Effective communication” during 04.05.09 to 09.05.09 at PVPSIT.
- Participated one week faculty development program on “Analog system design using texas instruments analog system Lab Kits(ASLK)” during 04.06.12 to 09.06.12 at PVPSIT.
- Participated one week faculty development program on “English communication Skills” during 03.06.13 to 07.06.13 at PSCMRCET.
- Participated in the IEEE National Workshop on “Understanding 5G” held on 08.08.2015 at PSCMRCET.
- Attended one day workshop on “Arc GIS Web Maps” held on 16.11.2016 at PSCMRCET.
- Attended two days workshop on “MATLAB & Its Applications” during 29.07.09 to 30.07.09 at PVPSIT.
- Participated in the two days workshop on “FACTS & POWER CONTROL” during june 18-19, 2010 at Viginan University, Guntur.
- Participated in the two days workshop on “DSP Applications in Electrical Engineering” during April 20 & 21, 2011 at Viginan University, Guntur.
- Attended the one day seminar on “Wavelets an Electrical Engineering Perspective” held on 26-06-2010 at PSCMRCET, Vijayawada.
- Participated in the one day workshop on “Solar Photo Voltaic Energy” held on 10 November, 2011 at PVPSIT, Vijayawada.

CERTIFICATIONS: NIL

GUEST LECTURES DELIVERED: 08

- 3 Days Technical workshop on “SCILAB” during the period from 30/11/2016 to 02/12/2016 organized by Dept. EEE in association with IEI student chapter at PSCMRCET, Vijayawada. And i am also advisor IEI student chapter.
- 5 Days Technical workshop on “PCB Design” during the period from 25/11/2016 to 30/11/2016 organized by Dept. ECE in association with IEI student chapter at PSCMRCET, Vijayawada.
- One day Technical training on “Trouble shooting & Servicing of Electrical Drives and appliances” by Dept. of EEE on 22.01.2015 and 08.02.2016 at PSCMRCET.
- One day guest lecture on “Future Trends in Electrical Engineering” by Dept. of EEE on 03/01/2018 at Vikas College of Engineering & Technology, Nunna, Vijayawada.
- One day guest lecture on “Renewable Energy Resources” by Dept. of EEE on 20/01/2016 at GVR&S College of Engineering & Technology, Guntur.
- One day guest lecture on “Future Trends in Electrical Engineering” by Dept. of EEE on 14/07/2017 at GVR&S College of Engineering & Technology, Guntur.
- Chair person on “6th International Conference on Contemporary Engineering and Technology- ICCET 2017” from 31- 03-2017 to 01- 04 – 2017 at PSCMR College of Engineering Technology, Kothapeta, Vijayawada – 01 Andhra Pradesh. India.
- Chair person on “Two days technical Symposia NOTECH-2018” by Dept. of ECE from 8 & 9/02/2018 at Ramachandra college of engineering, Eluru.

MEMBERSHIP IN PROFESSIONAL BODIES: 09

- Member of IEEE - 9150259
- Member of ISSE - LM03697
- Member of EI - M-160786-8
- Fellow of ISRD - F3140900876
- Member of IAENG - 160316
- Member of IDES - 5042
- Member of SDIWC - 18552
- Senior Member of IRED - SNM10100059267
- Member of ICSES - 1872

CONSULTANCY ACTIVITIES: Nil

GRANTS FETCHED: DST-NIMAT (2018-19) Govt. of India, New Delhi. Rig. No. : TPN / 7306

INTERACTION WITH PROFESSIONAL INSTITUTIONS:

- Research Gate