

**Name:** G.S.S.S.S.V.Krishna Mohan

**Employee ID:** A5ECE00T68

**PAN Card ID:** AVIPK5203A

**P.F ID:** AP/41230/390

**Aadhar ID:** 436317795036

**Designation:** Associate Professor

**Department:** ECE

**Date of Birth:** 30-07-1975

**Father Name:** G. Rama Mohana Rao

**Mother Name:** G. Rajya Lakshmi

Reservation Category if Any OC

SC	ST	BC- A/B/C/D/E	OC
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**Address:** Plot No.26, A.S.N Colony, Chinna Bondili Puram, Srikakulam-532 001.

**Mobile Number:** 9885686944

**Email id:** gandrapu.krishnamohan@gmail.com.

**Date of Joining in the Institution:** 16-05-2011

**Academic Excellence:**

QUALIFICATION	BOARD / UNIVERSITY	DIVISION	YEAR
M. Tech (Industrial Process Instrumentation)	AU College of Engineering, Visakhapatnam	FIRST class	2006
B. Tech (Instrumentation)	AU College of Engineering, Visakhapatnam	FIRST class	1997



**Total Years of Experience:** 18 Years

Period		Organization/Institution	Designation
May 11	Till Date	AITAM, Tekkali	Assoc. Professor
June 10	April 11	Vignan's Lara Institute of Technology and Sciences, Vadlamudi.	Assoc. Professor
June 06	Feb 10	Lakireddy Bali Reddy College of Engineering, Mylavaram.	Assoc. Professor
Sept 02	June 04	Gokul Institute Of Technology and Sciences, Bobbili.	Asst. Professor
Oct 00	July 02	Aurora's Engineering College, Bhongir.	Asst. Professor
May 98	June 00	Smt. T.K.R. Polytechnic for women, Pamarru.	Lecturer

**Areas of Interest:**

1. Instrumentation
2. Signal processing
3. Bio-Medical Signal Processing

**Guidance of Academic Projects:**

- i) Doctoral Projects :-
- ii) Masters Projects :-
- iii) Bachelor Projects : 20

**Memberships of Professional Societies and Other Organizations:**

ISOI-LM 1531

IETE-M-198775

ISTE-LM 52726

**Other Responsibilities:**

1. Presently acting as NBA Co-ordinator for ECE Department
2. Acted as Assistant Controller of Examinations.
3. Acted as IUCEE College Co-ordinator for conducting webinars.
4. Acted as NBA Co-ordinator for EIE Department.
5. Acted as IIC member.
6. Acted as co-ordinator for Autonomous curriculum preparation for EIE Department.

## Details of Publications:

1. **GSSSSV.Krishna Mohan** and Yarravarapu Srinivasa Rao, “An efficient design of finite impulse response — Fractional-order differentiator using shuffled frog leaping algorithm heuristic”, *International Journal of Wavelets, Multiresolution and Information Processing*, World Scientific, <https://doi.org/10.1142/S0219691319410054>. (**SCI Indexed**).
2. **GSSSSV.Krishna Mohan** and Yarravarapu Srinivasa Rao, “An efficient design of fractional order differentiator using hybrid Shuffled frog leaping algorithm for handling noisy electrocardiograms”, *International Journal of Computers and Applications*, <https://doi.org/10.1080/1206212X.2019.1573948>. (**SCOPUS Indexed**).
3. **G.S.S.S.S.V. Krishna Mohan** & Yarravarapu Srinivasa Rao (2019): “Optimal Order of the Differentiator Selection in Noise Removal of ECG Signals”, *International Journal of Recent Technology and Engineering (IJRTE)*, ISSN: 2277-3878, Volume-7, Issue-6, 260-267 (**SCOPUS Indexed**).
4. **GSSSSV.Krishna Mohan** and K.Venkata Lakshmi Narayana, “Design Of A Fractional Order PID For A Three Tank System”, *International Journal of Applied Engineering Research*, ISSN 0973-4562, Volume 10, Number 2 (2015) pp. 3133-3148, Research India Publications, April 2015.
5. D.V.L.N.Sastry, B.Anil Kumar, P. Kameswara Rao, **G.S.S.S.S.V.Krishna Mohan** “Tuning Of Fractional Order PID Controller For Interacting Systems By Different Methods”, *i--manager’s Journal on Instrumentation & amp; Control Engineering* Vol.2 No.2 May July 2014.
6. A,Venkata Naga Vamsi, **G.S.S.S.S.V.Krishna Mohan**, S.S.S.Srikanth, “Simplified Thermocouple Interface For Hot Only Or Cold Only Measurement With Linearization Circuit”, (*IJERA*) *International Journal of Engineering Research and Applications*, Vol. 2, Issue5, September- October 2012, pp.1663-1667, ISSN: 2248-9622.
7. D.V.L.N.Sastry, **G.S.S.S.S.V.Krishna Mohan**, M.S.R.Naidu, N.Mohana Rao, “An Implementation of different non-linear PID controllers on a single tank level control using Matlab”, (*IJCA*) *International Journal of Computer Applications* (0975 – 8887) Volume 54– No.1, September 2012.
8. Annepu. Venkata Naga Vamsi, **G.S.S.S.S.V.Krishna Mohan**, “FPGA Implementation of binary pulse compression sequences with superior merit factors”, (*IJERT*) *International*

*Journal of Engineering Research and Technology*, Vol. 1, Issue 5, ISSN 2278-0181, July 2012.

9. Anil Kumar Bethapudi, **G.S.S.S.V.Krishna Mohan**, “Implementation of Precompensation Fuzzy for a cascade PID controller using Matlab Simulink”, (*IJCSE Control Theory and Informatics*, Vol. 1, Issue 1, November 2011).
10. Annepu.Venkata Naga Vamsi, **G.S.S.S.V.K Mohan**, M.S.Pradeep Kumar patnaik “The Tent Chaotic mapping: Analysis for generation of Binary codes for better performance using Matlab”, (*ISDE Innovative Systems Design and Engineering*, Vol. 2, Issue 7, November 2011, ISSN 2222-1727 (Paper) ISSN 2222-2871 (Online).

### **NPTEL Certifications:**

1. Signals and Systems
2. Discrete Time Signal Processing
3. Industrial Automation and Control

### **Details of Workshops / Seminars /Conferences Attended :**

1. Participated in Two day Faculty Development Program (FDP) on “Outcome Based Education (OBE)”, July 13-14, 2019, at AITAM, Tekkali.
2. Participated in one week FDP on “Wireless Communications & Their Applications” organized by the E & ICT Academy, NIT Warangal from December 5-10, 2016 under TEQIP.
3. Participated in a One Week Faculty Development Program (FDP) on “Advances in Communication Technology”, under TEQIP Phase–II, held on from September 26<sup>th</sup> – October 1<sup>st</sup>, 2016, Organised by ECE Department, AITAM, Tekkali.
4. Participated in TEQIP II Sponsored Training on “Pedagogy and Management Capacity Enhancement Program for Teaching Staff”, in AITAM, Tekkali, in collaboration with Engineering Staff College of India (An Autonomous organ of The Institution of Engineers (India)), from June 23-25, 2016.
5. Participated in a One day workshop on “Outcome Based Education”, under TEQIP Phase –II, held on 6<sup>th</sup> Dec 2014, at AITAM, Tekkali.
6. Participated in Two day Seminar on “Twenty First Century, the dawn of Digital Era: Pedagogical Issues of Technical Teachers”, as a part of 9th ISTE AP Section annual convention and awards function-2014, organized by ISTE Chapter in association with

ISTE AP Section under TEQIP Phase –II, held on Nov 15-16, 2014, at AITAM, Tekkali.

7. Participated in a One day workshop on ‘Outcome Based Education’ (under TEQIP Phase-II), 17th August,2014, AITAM, Tekkali.
8. Participated in a Two week ISTE workshop on “Pedagogy for Effective use of ICT in Engineering Education” conducted by IIT Bombay, held under the National Mission on Education through ICT (MHRD) held from 2th June to 2nd August, 2014.
9. Participated in a One day Faculty Development program on “Human Values & Professional Ethics”, held on 5th July 2014, at AITAM, Tekkali.
10. Participated in a One day workshop on ‘Outcome Based Education’ (under Teqip phase-II) 20th June 2014,AITAM, Tekkali.
11. Participated in Two day National Level workshop on “Advances in signal and image processing (ASIP-2013)”, under Teqip phase-II held on March1-2, 2013, at AITAM, Tekkali.
12. Participated in a One day workshop on “Outcome Based Education-CO, PO & PEO in compliance with NBA Accreditation”, under TEQIP Phase –II held on 19th Jan 2013, at AITAM, Tekkali.
13. Presented a paper entitled “Tuning of PID Controller for interacting systems by different Methods”, at the National conference on Automation, Communication & Computing – 2012 (NCACC – 2012) Organised by EIE Department, GITAM Institute of Technology, GITAM University, held during Dec 7-8, 2012.
14. Attended a Two day National workshop on “Soft-Computing Applications to Communications And Management” (SACAM-2012) Organised Jointly by Department of ECE and EIE, AITAM, Tekkali, held during April 28-29, 2012.
15. Attended a Two day workshop on “National Building Through Personality Development & Career Planning” by National Institute of Ecology and Environment held on Nov 11-12, 2011 in AITAM, Tekkali.
16. Participated in Two Day National workshop on “Role of Instrumentation in Environmental Management” organized jointly by Instrument Society of India (ISOI), Bangalore and Dept. of Instrumentation Engineering, Andhra University College of Engineering, during Feb 27-28, 2009 in Andhra University, Visakhapatnam.
17. Participated in a Two day National workshop on “Micro and Nano Sytems/Embedded sytem Design using Micro-Controllers & the National Symposium on Instrumentation

(NSI - 33)", Organised Jointly by Instrument Society of India (ISOI), Indian Institute of Science, Bangalore and Andhra University College of Engineering, Visakhapatnam, held during December 6-10, 2008.

18. Participated in a Two day National workshop on "Micro and Nano Sytems/Embedded sytem Design using Micro-Controllers", Organised Jointly by Instrument Society of India (ISOI), Indian Institute of Science, Bangalore and Andhra University College of Engineering, Visakhapatnam, held during December 6-7, 2008.
19. Participated in Two day National Level workshop on "Adaptive signal Processing & Applications" Organised jointly by IETE Vijayawada center and Dept. of ECE of L.B.R.C.E. held during October 27-28, 2007 in Lakireddy Bali Reddy college of Engineering, Mylavaram.
20. Participated in one week Training Programme on "Teaching Methodology" conducted by National Institute of Technical Teachers Training & Research ( NITTTR ), Chennai, as a part of Quality Improvement Programme, in Laki Reddy Bali Reddy College of Engineering, Mylavaram during 4th to 9th December, 2006.
21. Participated in a One week Refresher course on "Semiconductor Devices and Circuits, Teaching Methods and presentation skills", conducted by Karshak Engineering College, Manovikas Nagar, Secunderabad, held during June 3-8, 2002.

#### **Details of Workshops / Seminars / Symposiums Organised :**

1. Part of organizing committee for a One day workshop on "Outcome Based Education-CO, PO & PEO in compliance with NBA Accreditation", under TEQIP Phase –II held on 19<sup>th</sup> Jan 2013, at AITAM, Tekkali.
2. Acted as Co-convenor for Two day national workshop on "Soft computing Applications to Communications And Management, SACAM-12", 28-29 April 2012, at AITAM, Tekkali.
3. Part of organising committee member for the National Level Conference "Recent advances in communications and energy systems, RACES – 2k11", 29 – 30 April, 2011, Organised Jointly by ECE and EEE departments at Vignans Lara Institute of Technology and Sciences, Vadlamudi.
4. Organised a "One Day State Level Technical Symposium *INCENDIO'09*" as a part of student activity named **ELINSTA** at LakiReddy Bali Reddy College of Engineering, held on 7<sup>th</sup> March 2009.
5. Acted as Executive member for Local Organising committee and co-chairman for cultural & Tourism committee for National workshop on "Micro and Nano Sytems/Embedded sytem Design using Micro-Controllers and National Symposium on Instrumentation (NSI-33)", Organised Jointly by Instrument Society of India, IISc,

Bangalore and Andhra University College of Engineering, Visakhapatnam, held during December 6-10, 2008.

**Achievements** :

1. Ratified as Assistant Professor by JNT University, Kakinada in 2012.
2. Acted as member of Board of Studies (BOS) for EIE Branch for JNTUK, Kakinada for preparation of R-13 Curriculum.
3. Acted as Paper setter for ECET 2014 and was also invited for preparation of paper key.

**Other Activities** :

1. Acted as Judge for student paper presentation in the Event “VIKALPA” in June 2011 at AITAM, Tekkali.
2. Acted as In-Charge of Examination Branch in Gokul Institute of Technology and Sciences from April 2002 to June 2004.
3. Arranged a Expert Guest Lectures and some of them include “PC as Virtual Instrument” as a part of “Virtual Instrumentation”. Lecture given by Prof. Dr. A. Bhujanga Rao, Andhra University, on 27th September 2007, “Smart Sensors” by Sri. Prasada Rao, Central University etc.
4. Accompanied IV year B.Tech students to Vizag Steel Plant, ECIL, MIC Electronics in Hyderabad, BHEL, Visweswaraya Museum in Bangalore, Wipro in Pondichchery, SHAR center, as a part of One week “Industrial Tour”, in 2005.

*Signature*