

Teacher Information

1. Name in full : Dr. G. Sreenivasulu
 2. Designation : Professor
 3. Contact Phone number : Cell NO: 9490182693
 E-mail id : gunapatieeee@rediffmail.com
 PAN NO : AJGPS8309B
 Aadhar No : 450147624996
 4. Date of Birth : 15-05-1968



5. Academic Credentials:

S.No	Degree	University	Year	Field of Specialization
1.	B.Tech	S.V.University ,Tirupathi	1990	Electronics and Communication Engineering
2.	M.Tech	S.V.University ,Tirupathi	1992	Instrumentation & control systems
3.	PhD	S.V.University ,Tirupathi	2007	Process control

6. Experience:

S.No	Organization	Designation	Period
1.	S.V.U.C.E, Tirupathi	Assistant Professor	30-09-1992 to 09-09-2003
2.	S.V.U.C.E, Tirupathi	Associate Professor	10-09-2003 to 31-12-2008
3.	S.V.U.C.E, Tirupathi	Professor	01-01-2009 to till date

7. Areas of Specialization : Neural networks and Fuzzy logic applications in process control, Process Instrumentation, Analog Electronics, Digital electronics.
8. Number of Publications in journals : 27
 Number of Paper Presentations : 17
9. No. of Ph. D Thesis supervised : 08 (working)
 No. of M.Tech dissertations guided : 28
10. No. of Conferences/Seminars/Workshops Organized : 03
 No. of Conferences/Seminars/Workshops Attended : 35
11. No. of Research projects completed : --
 No. of Research projects in progress : --
12. No. of Consultancy projects completed : --
 No. of Consultancy projects in progress : --
13. Membership in Professional bodies : 1. Life Member of ISTE (MISTE)
 2. Fellow of IETE (FIETE)

A) List of M.Tech dissertations guided:

S.No.	Name of the Student (Roll No.)	Title of Dissertation	Year of Registration	Status
1.	K. Shanmugam	Development of digital filters on PCAT-286 for tracking radar data filtering-A study and related software development	1993	Completed
2.	B.Sridhar	Communication software For air traffic control(ATC)applications	1995.	Completed
3.	K.Vijayalakshmi	Design of 80C196KB based Embedded microcontroller system for radar transmitter control.	1996	Completed
4.	C.Sobhalatha	Development of seeker stabilization system.	1998	Completed
5.	I.Srinivasa Rao	Design of Fuzzy controller for superheated steam temperature.	2000	Completed
6.	B.Sambasiva Reddy	Design of Analog controllers for superheated steam temperature.	2000	Completed
7.	A.R. Kishore	Design of CAN controller.	2001	Completed
8.	M.Lakshmi Supriya	Robustness of analog and Fuzzy logic controllers for superheated steam temperature system of 500MW boiler.	2002	Completed
9.	M. Radhika Reddy	Fuzzy logic controllers for superheated steam temperature system of 500MW boiler.	2002	Completed
10.	A.Suresh Babu	Implementation of VOIP	2003	Completed
11.	P. Raveendra Babu	Hand held computer for population census.	2003	Completed
12.	P. Samulu	Enhancement to Power Management in Adhoc Networks.	2004	Completed
13.	P. Thanuja Sumalatha	Design and Implementation of BISR for an Embedded Static RAM.	2004	Completed
14.	CH.Vara Prasad	Video Adaptation for Small Display based on Content	2006	Completed

		Recomposition		
15.	R.Sankar Reddy	Application of bandwidth management in 3G systems implementing WCDMA	2006	Completed
16.	A.Jitendra Kumar	Implementation of low bit rate speech coding using DSP processor	2005	Completed 2009
17.	N.Vasu	Comparative study of Fuzzy PD controller and conventional controllers	2005	Completed 2009
18.	V.Ramesh	Hiding a secret image in multiple images using visual cryptography	2007	Completed 2010
19.	M.Kranthi Kumar Reddy	Fuzzy logic control of variable speed induction machine wind generation system	2008	Completed 2011
20.	P.Anil Kumar	Speed control of direct current brushless motor drives using Fuzzy logic.	2009	Completed 2011
21	K.Rajeswari	MRI brain image segmentation using modified fuzzy C-Means clustering algorithm	2008	Completed 2012
22.	V.Surendra	A supervisory hierarchical Fuzzy logic controller for power system stabilizer	2010	Completed 2012
23.	G.Rukshana Bi	An Image Retouching technique based on 8-Neighborhood fast sweeping method	2010	Completed 2013
24	C. Alekya Yadav	Fingerprint matching using Hough transform and Latent prints	2011	Completed 2014
25	S.sudhanidhi	Licence plate extraction and recognition of characters of a vehicle using sliding window technique	2011	Completed 2014
26	B.Chittibabu	The Analysis of WIMAX 802.16e physical layer using Digital Modulation techniques and Code	2012	Completed 2015
27	C.Bhaskaraiah(1212303)	Pathloss Computation and comparison using empirical outdoor propagation models to S.V.University campus for mobile communication	2012	Completed 2015
28	V.Hima Bindu	Change detection techniques in Multi Spectral Remote Sensing Images	2013	Completed 2016

B) List of Ph.D. Thesis guided:

S.No	Name of the Student (Roll No.)	Title of Thesis	Year of Registration	Status
1.	G.Gireesh (Part -Time)	Area of research is Process control	July, 2010	Synopsis submitted
2.	T.Chandra sekhar Rao (part -Time)	Area of research is Medical Image Analysis	July, 2010	In progress
3.	B.Sudharani (Part –Time)	Area of research is performance enhancement in VLSI design	January, 2014	In progress
4.	A.Pulla Reddy (full-time)	Area of research is Design and performance evaluation of memory circuits in VLSI technology	January, 2014	In progress
5	K.Sateesh Kumar (full-time)	Area of research is advanced image processing techniques for remote sensing applications	March, 2015	In progress
6	M.Dharani (full-time)	Topic of research to be finalised	January.2016	Literature Review
7	P Suresh Babu	Topic of research to be finalised	January.2016	Literature Review
8	M Sailaja	Topic of research to be finalised	January.2016	Literature Review

C) Courses handled:

S.No.	U.G Program	P.G Program
1.	Analog I.C Applications	Neural and Fuzzy control Systems
2.	Electronic circuits	Process instrumentation and Control
3.	Pulse and Digital circuits	Adaptive control systems
4.	Logic circuits	Digital control systems
5.	Electronic devices	Optimal control theory.
6.	Electronic instrumentation & measurements	Fuzzy Logic and Control
7.	Communication systems	Process instrumentation

D) Administrative/Academic Positions Held:

S.No.	Position	Place	Period
1.	Deputy warden	S.V.U.C.E Hostels, Tirupati.	01-08-1997 to 25-06-2002
2.	Addl. Chief superintend of Examinations	S.V.U.C.E, Tirupati	09-07-2002 to 01-08-2003
3.	Co-Ordinator, College Maintenance	S.V.U.C.E, Tirupati	28-01-2005 to 31-10-2006
4.	Deputy warden	S.V.U.C.E Hostels, Tirupati.	01-01-2005 to 29-12-2006
7.	Nodal Officer, Procurement, TEQIP-II-1.2	S.V.U.C.E, Tirupati	01-02-2012 to 31-08-2015
8	Head, Department of ECE	S.V.U.C.E, Tirupati	06-10-2015 to till date
5.	Member BoS in EECE (Pass)	S.V.University, Tirupati	02-05-2008 to 01-05-2011
6.	Member BoS in ECE for both P.G and PASS	S.V.University, Tirupati	14-02-2012 to 13-02-2015
9	Member UG BoS in faculty of Electronics & Instrumentation Engineering	JNTUA, Anantapur	10-06-2015 to till date
10	Member BoS(UG) in Electronics	VSU. Nellore	19-12-2015 to till date
11	Member BoS in ECE	Audisakara College of Engineering	04-01-2016 to till date

		and Technology(Autonomous), Gudur, SPSR Nellore(Dt)	
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E) List of National Workshops Attended:

S.No.	Title of the event	Organizing institution	period
1.	Two day conference on I T Workforce development.	BMS college of Engg, Bangalore	Sept 19-20, 2006
2.	Two days workshop on Integrated architecture systems	P S G , Coimbatore Rockwell automation	Jan 23-24, 2007
3.	National workshop on signal processing and applications	IETE Tirupati Centre	Aug 7-8, 2009
4.	A Two-day Workshop on Embedded Systems	SVUCE-IETE Centre, Tirupati	Oct 24-25, 2009
5.	Two-week ISTE WORKSHOP on Basic Electronics	IIT, Bombay (Under NMEICT) SVUCE, Tirupati (Remote Centre)	28-06-2011 to 08-07-2011
6.	A National Level Workshop on Smart Grid Technologies-Issues and challenges	SVUCE, Tirupati	20 th August, 2011
7.	Two-day ISTE Workshop on Akash for Eduvation	IIT, Bombay (Under NMEICT) SVUCE, Tirupati (Remote Centre)	10 th & 11 th November, 2012
8.	FDP on Student outcomes-Based Engineering Education for Enhanced Employability (Under Teqip-II 1.2)	SVUCE, Tirupati	5 th January 2013
9.	FDP on VLSI Design flow using Synopsys EDA Tools (Under Teqip-II 1.2)	SVUCE, Tirupati	12 th & 13 th April, 2013
10.	Two-week ISTE WORKSHOP on Analog Electronics	IIT, Kharagpur (Under NMEICT) SVUCE, Tirupati (Remote Centre)	04-06-2013 to 14-06-2013
11.	Two-week ISTE WORKSHOP on Signals & Systems	IIT, Kkharagpur(Under NMEICT) SVUCE, Tirupati (Remote Centre)	02-01-2014 to 12-01-2014
12	Faculty development program on Intellectual property Rights	SVUCE, Tirupati	8 th July 2014
13	Two day workshop on Initiatives for Quality Improvement in Engineering education (Under Teqip-II 1.2)	SVUCE, Tirupati	15 th & 16 th November 2014
14	TEQIP-II Sponsored Faculty Development program on Intellectual property Rights	ESCI,IE(India) Conducted at SVUCE, Tirupati	18 th -20 th November 2015

F) List of International Workshops Attended:

S.No.	Title of the event	Organizing institution	period
1.		Nil	

G) List of National Seminars Attended:

S.No.	Title of the event	Organizing institution	period
1.	National symposium on Instrumentation (NSI-18)	I S I, Bangalore, SVU, Tirupati	January 9-12,1994
2.	National seminar on university industry interaction	SVU, Tirupati	December 27 th , 1997.
3.	One day seminar on internet and e-Governance	IETE India , Tirupati, sub-centre	December 30, 2000.
4.	Zonal seminar on Communications and Information Technologies (CIT-2008).	IETE Tirupati Centre	Sep 9-10, 2008
5.	Symposium on Recent Trends on Mathematical Modelling (RTMM-09)	SVU, Tirupati	March 20, 2009
6.	IETE 41 st Mid-Term Symposium on Taking the Telecom & IT Revolution to Rural India – Bridging the Digital Divide	IETE Tirupati Centre	April 9-10, 2010
7.	National level technical symposium ANGEL ARENA '10	Angel College of Engineering and Technology, Tirupur	July 16 th & 17 th , 2010
8.	University level technical contest.	SVP CET,Puttur, Chittore(dt)	August 18 th 2012
9.	National Seminar on Automation in Dairy & food industry.	College of Dairy Technology, SVVU, Tirupati.	September 24-25 th 2012.

H) List of International Seminars Attended:

S.No	Title of the event	Organizing institution	period
1.		Nil	

I) List of National Conferences Attended:

S.No	Title of the event	Organizing institution	period
1.	All India conference on technology for rural development in Y2K ⁺	I E (India), Tirupati, Local centre	June 30, July1, 2000.
2.	Second national conference on recent trends in Electronics Communication and Information Technology.	CMR Institute of Technology, Bangalore.	Aug 28-29, 2008
3.	National Conference on Emerging Materials,	SVU, Tirupati	Feb24 & 25, 2009

Devices and Technologies			
4.	Second National Level conference TANTRAGNANA-2009	GSSSIET, Mysore	Oct 6-7, 2009
5.	A Two-Day national conference on Advances in Computational Intelligence and computer Engineering	SPMV, Tirupati	23 rd & 24 th October, 2013
6.	National conference on RF Wireless Communication and signal Processing(NCRFWCSP)	Bapatla Engineering College, Guntur, Andhra Pradesh	November 17-18, 2014

J) List of International Conferences Attended:

S.No	Title of the event	Organizing institution	period
1.	International conference on Instrumentation (INCON 2004)	ISOI, Bangalore, PIET, Pune	19-21 Dec, 2004
2.	PCEA-IFTOMM International conference on Recent Trends in Automation & its Adaptation to Industries (PICA 2006)	PCEA, Nagpur, IFTOMM	July 11-14, 2006
3.	International Conference on Intelligent Agent & Multiple Agent(IAMA2009)	VMU, Chennai, IEEE Madras Section	July 22-24, 2009
4.	IEEE International Conference on Communication control and computing technologies ICCCT'10).	St. Xavier's College of Engineering Kanyakumari	October 7 th & 8 th 2010
5.	Eighth Control Instrumentation Conference, CISCON-2011(an international conference)	Manipal Institute of Technology, Manipal	Nov 3-6, 2011
6.	1 st international Conference on Advances in Electrical Engineering (ICAEE'14)	VIT university, Vellore, IEEE Madras Section	January 9-12, 2014
7.	12 th IEEE INDICON 2015 International Conference	Jmia Milla Islamia (Central University), New Delhi, India	17 th -20 th December 2015

K) List of National Workshops Organized:

S.No.	Title of the event	Organizing institution	period
1.	Workshop on TNA and SDP Under TEQIP.	SVUCE, Tirupati	29-09-2007
2.	One day Workshop on Cloud Computing	IETE Tirupati Centre & UGC-SVU Centre at SVU, Tirupati	08-11-2011
3.	Two days ISTE WORKSHOP on Writing Effective Conference Paper	SVUCE, Tirupati (Remote Centre) Under NMEICT	18 th and 19 th February, 2012

L) List of International Workshops Organized:

S.No.	Title of the event	Organizing institution	period
1.		Nil	

M) List of National Seminars Organized:

S.No.	Title of the event	Organizing institution	period
1.		Nil	

N) List of International Seminars Organized:

S.No	Title of the event	Organizing institution	period
1.		Nil	

O) List of National Conferences Organized:

S.No	Title of the event	Organizing institution	period
1.		Nil	

P) List of International Conferences Organized:

S.No	Title of the event	Organizing institution	period
1.		Nil	

Q) List of Papers Presented:

S.No	Title of the Paper	Title of the event	Organizing institution	period
1.	Laser: a promising tool for the treatment of diabetic Retinopathy	National symposium on Instrumentation	I S I, Bangalore, SVU, Tirupati	January 9-12,1994
2.	Robustness of analog and fuzzy logic controllers for superheated steam temperature system	International conference on Instrumentation (INCON 2004)	ISOI, Bangalore, PIET, Pune	December 19-21, 2004
3.	Fuzzy logic controller for superheated steam Temperature system of 500MW boiler	PCEA-IFTOMM International conference on Recent Trends in Automation & its Adaptation to Industries (PICA 2006)	PCEA, Nagpur, IFTOMM	July 11-14, 2006

4.	Application of Bandwidth Management in 3G Systems Implementing WCDMA	Second national conference on recent trends in Electronics Communication and Information Technology.	CMR Institute of Technology, Bangalore.	Aug 28-29, 2008
5.	Comparative study of fuzzy PD controller and Conventional controllers	International Conference on Intelligent Agent & Multiple Agent(IAMA2009)	VMU, Chennai, IEEE Madras Section	July 22-24, 2009
6.	Speech processing using Code Excited Linear Prediction	National workshop on signal processing and applications	IETE Tirupati Centre	August 7-8, 2009
7.	Hiding a secret image in multiple images using visual cryptography	Second National Level conference TANTRAGNANA-2009	GSSSIET, Mysore	October 6-7, 2009
8.	Efficient EESM calculation under network load conditions for throughput improvement	IETE 41 st Mid-Term Symposium on Taking the Telecom & IT Revolution to Rural India – Bridging the Digital Divide	IETE Tirupati Centre	April 9-10, 2010
9.	Fuzzy control of variable speed Induction machine wind generation system	IEEE International Conference on Communication control and computing technologies ICCCT'10).	St. Xavier's College of Engineering, Kanyakumari	October 7 th & 8 th 2010
10	Performance Evaluation of direct Current Brushless Motor Drives using various Fuzzy membership Functions	Eighth Control Instrumentation Conference, CISCON-2011(an international conference)	Manipal Institute of Technology, Manipal	Nov 3-6, 2011
11.	An Image retouching technique based on fast marching method	University level technical contest.	SVP CET, Puttur, Chittoor(dt)	August 18 th 2012
12.	Computer in process control & Automation	National Seminar on Automation in Dairy & food industry.	College of Dairy Technology, SVVU, Tirupati.	September 24-25 th 2012.
13.	License Plate Extraction and Recognition of Characters of a vehicle Using Sliding Window Technique	A Two-Day national conference on Advances in Computational Intelligence and computer Engineering	SPMV, Tirupati	23 rd & 24 th October, 2013
14.	Fingerprint Matching Using Hough Transform and Latent Prints	A Two-Day national conference on Advances in Computational Intelligence and computer Engineering	SPMV, Tirupati	23 rd & 24 th October, 2013
15.	Comparison of PI Controller performances for a Conical tank using different tuning methods	1 st international Conference on Advances in Electrical Engineering (ICAEE'14)	VIT University, Vellore, IEEE Madras Section	January 9-12, 2014
16	The Analysis of Wimax 802.16E Physical layer using digital modulation techniques and code rate.	National conference on RF Wireless Communication and signal Processing(NCRFWCSP)	Bapatla Engineering College, Guntur, Andhra Pradesh	November 17-18, 2014
17	Fractional order PI Controller for a Conical tank process using different tuning methods	12 th IEEE INDICON 2015	Jamia Milla Islamia, New Delhi, India	17 th -20 th December 2015

R) List of Journal Papers:

- 1) G.Sreenivasulu and S.N.Reddy "Performance evaluation of superheated steam temperature control system based on tuning methods of analog controllers," IETE Journal of research vol.49, pp.399-404, 2003. ISSN 0377-2063.
- 2) G.Sreenivasulu and S.N.Reddy "Performance comparison between single loop control and cascade control of superheated steam temperature system using analog controllers," Journal of instrument society of India voll.33 (4), pp.277-282, 2003. ISSN 0970-9983.
- 3) G Sreenivasulu and S.N.Reddy "Robustness of analog and fuzzy controllers for Superheated steam temperature system of 500MW boiler," Journal of instrument Society of India vol.36 (3), pp.195-202, 2006. ISSN 0970-9983.
- 4) V.Ramesh and G.Sreenivasulu "Visual cryptography schemes for hiding and recovering the color images." IJEEE Volume 06, No 09, pp.54-58, Sep-Nov 2009. ISSN 0974-2042.
- 5) G.Sreenivasulu and S.N.Reddy "Design and performance studies on fuzzy logic Controller for superheated steam temperature system," Journal of instrument Society of India vol.39 (4), pp.247-249, 2009. ISSN 0970-9983.
- 6) S.Sumalatha and G.sreenivasulu "Throughput improvement under network load on forward link inter-cell interference." International Journal on Intelligent Electronic Systems Vol.4, pp. 13-17, January 2010. ISSN 0973-9238.
- 7) K.Rajeswari and G.Sreenivasulu "MRI brain image segmentation using Modified Fuzzy C-means clustering algorithm," IJETIE Volume 03, No 01, pp. 01- 08, April-June 2010. ISSN 0974-3975.
- 8) S.Sumalatha and G.Sreenivasulu "Improving channel capacity in wireless network by mitigating co-channel interference and channel fading effects." CIIT International journal of Wireless Communications Vol.2, No 8, pp. 245-250, August - 2010. ISSN 0974-9756.
- 9) M.Kranthi Kumar Reddy and G.Sreenivasulu "Fuzzy logic control of variable speed Induction machine wind generation systems" IJEEE Volume 11, No 1, pp. 21-32, June-Aug 2010. ISSN 0974-2042.
- 10) M.Kranthi Kumar Reddy and G.Sreenivasulu "Speed control of a DC motor a fuzzy control approach" IJEEE Volume 14, No 1, 23-27, Dec 2010-Feb 2011.ISSN 0974-2042.

- 11) P.Anil Kumar, Prashant.B.U.V and G.Sreenivasulu "Design and Development of user interface (UI) for S3C2440 (ARM920T Core) Processor based devices in Wince 5.0 RTOS" Journal of Innovation in Electronics and Communication, special issue on Signal Processing and Communication Techniques Vol.2 (2), pp.166-169, Jan 2012. ISSN: 2249-9946.
- 12) V.surendra and G.Sreenivasulu "A Supervisory Hierarchical Fuzzy Controller for Power system stabilizer" Journal of Current engineering research Vol.2 (5), Sep-oct 2012. ISSN No.: 0976-8324.
- 13) G.Rukhshana Bi and G.Sreenivasulu "An Image retouching technique based on fast marching method" International journal of Electrical and Electronic Engineering & telecommunications, Vol.2(1), pp.51-59, January 2013, ISSN: 2319-2518.
- 14) C. Alekya Yadav and G.Sreenivasulu "Fingerprint Matching Using Hough Transform and Latent Prints" International Journal of Electrical & Electronics Engineering (IJEEE), Interscience, Vol.4 (1), 2013, ISSN (PRINT): 2231 – 5184.
- 15) S.sudhanidhi and G.Sreenivasulu "License Plate Extraction and Recognition of Characters of a vehicle Using Sliding Window Technique" International Journal of Engineering Research & Technology (IJERT), Vol.2 (9), September 2013, ISSN: 2278-0181.
- 16) N. Gireesh and G. Sreenivasulu "Tuning of PI Controller for a Conical Tank Process with Fuzzy Rules" i-manager's Journal on Instrumentation & Control Engineering, Vol. 2 (3), pp.6-10, May - July 2014, ISSN-2321-113X.
- 17) S.sumalatha and G.Sreenivasulu," Simulation Study of RF Signal and Power Level Variations in Rayleigh and Rician Fading Channel Models", journal of engineering today, vol.16. pp: 60-67, September 2014, ISSN: 0974 8377.
- 18) S.sumalatha and G.Sreenivasulu,"Node signal improvement with RSSI based localization using multicasting wireless network", Paripex- Indian journal of Research, Vol.3, pp: 11-13, Issue: 10th October 2014, ISSN: 2250-1991.
- 19) N. Gireesh and G. Sreenivasulu "Robustness of PI Controller for Various Tuning Methods for a Nonlinear Process" Australian Journal of Basic and Applied Sciences, Vol.8(17), pp.491-497, November 2014, ISSN: 1991-8178.
- 20) T.Chandra sekhar Rao and G.Sreenivasulu "A Study Of Status Of Brain Morphometry Analysis In Neuroimaging" International Journal of Electronics and Communication Engineering (International Research Publication House), Vol.8 (1), pp.51-64, 2015, ISSN 0974-2166.
- 21) S.sumalatha and G.Sreenivasulu," multicast node communication using virtual queue with process scheduling", journal of computer science, Vol.11 (2). Pp.337-343, 2015, ISSN: 1549-3636.
- 22) T.Chandra sekhar Rao and G.Sreenivasulu, "A computer aided diagnosis(CAD) system for segmentation and analysis of brain magnetic resonance images" i-manager's Journal on Image Processing, Vol. 2 (4), pp:19-29, October - December 2015, ISSN: 2349-4530.
- 23) T.Chandra sekhar Rao and G.Sreenivasulu, "An automated segmentation approach for quantification and analysis of brain tumors from magnetic resonance images" International Journal of Electronics and Communication Engineering (International Research Publication House), Vol.8 (2), pp.123-136,2015, ISSN 0974-2166.
- 24) N. Gireesh and G. Sreenivasulu, "Robustness of PI Controller for Different Fractional Values of an Integrator for a Conical Tank Process" International journal of control theory and applications(International Science Press), Vol.8(2), pp.817-830, 2015, ISSN : 0974-5572.
- 25) C.Bhaskaraiah and G.sreenivasulu, "Pathloss Computation and Comparison using Empirical Outdoor Propagation Models to S.V. University Campus for Mobile Communication" IJSETR, Vol.4(40), pp.8739-8744,2015,ISSN : 2319-8885
- 26) V.Hima Bindu and G.Sreenivasulu, "Interactive Segmentation for Change Detection using Fuzzy Local Information C-Means Clustering and SWT in Multispectral Remote –Sensing Images" IJARCCCE, Vol.4(11), pp.69-72, November 2015, ISSN:2319-5940.
- 27) N.Kamakshi Devi and G.Sreenivasulu, " Statistical study of Least mean Square and Normalized Least Mean Square Algorithms" IJAREEIE, Vol.4(12), pp.9900-9907, December 2015, ISSN: 2320-3765.

DECLARATION: I am to certify that all the information mentioned above is correct.

Date

Signature of the Teacher