



## RESUME OF PROF. S.PALLAM SETTY

**Name** : **Prof. S.Pallam Setty**

**Date of Birth** : **01-02-1961**

**Designation** : **Professor in CS & SE Dept.**

**Teaching Experience** : **21 + years**

**Present Address** : **Prof. S.Pallam Setty  
Department of CS & SE  
College of Engineering  
Andhra University  
Visakhapatnam, 530 003.**

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**Qualifications** :

- **Ph.D. Computer Science and Systems Engineering from Andhra University.** “Some studies related to QOS guarantees in ATM like Networks”, under the guidance of Prof. V. Radha Krishna Murthy, A.U.
- **M.Tech. C.S.T from Andhra University.** “Design and implementation of chat server”.
- **M.Phil in Electronics from Andhra University.** Constructed and Fabricated “Multichannel Data Acquisition **system**” for Meteor wind Radar, under the guidance of Prof. Md. Iqbal Ahmed.
- **M.Sc. Physics Microprocessors** as Specialization from Nagarjuna University
- **P.G. Diploma in Electronics from Andhra University.**
- **B.Sc. Mathes, Physics, Chemistry from Andhra University.**

**Awards** : **Gold Medal for securing first rank in M.Sc**

**Visits Abroad** :

- Berkley University, U.S.A
- Berkley Laboratories, U.S.A
  - Microprocessors Laboratory.
  - Noise control Laboratory.
  - Advanced Light Source.
  - Environmental Noise Control Laboratory
  
- Presented a research paper at International Conference on Ferrites held in 2004 San Francisco, U.S.A

**Research Guidance** :

Ph.D Submitted	1
Ph.D on going	18
M.Phil on going	2
M.Tech Projects guided	30
M.C.A Projects on going	9

**Administrative Experience** :

- Served as Head of the Dept of Engg Physics, A.U during the Period, 2002 – 2005
- U.G.C Expert Committee Member for Major Research Projects in Engineering and Technology
- Member board of studies in computer science &Engineering 15 years as External examiner for both theory & practical, Departmental committee member
- Member of Subject expert in computer science .
- Member of Departmental Research Studies.
- Coordinator Students Affairs

**Number of Research Projects Completed** :

<b>Major 1 (Anti Reflecting nano particle coatings)</b>	<b>Funded by NSTL Govt.of India.</b>
<b>Minor</b>	<b>2</b>

## Expert talks

:

- Nanotechnology and Nanomaterials for High Energy Applications  
DRDO NSTL Government of India
- Nanotechnology and its applications in nano coatings in A.U.  
Research forum.
- simulation and modeling Siddhartha Engineering College Vijayawada
- 3G Communications GMR Engineering College, Rajam
- Nanotechnology related to chemistry National work shop on Research  
Methodology P. R. Govt. College, Kakinada

## Number of Text Books Written

:

- Engineering Physics
- Practical Physics
- Material Science

## List of Research Papers

1. Prof.S.P.Setti et.al,” Performance Evaluation of DSR in Various Placement Environments”, (IJCA) International Journal of Computer Applications *Special Issue on “Mobile Ad-hoc Networks” MANETs, 2010.*
2. Prof.S.P.Setti et.al , “Design and a New Method of Quality of Service in Mobile Ad Hoc Network (Manet)”, European Journal of Scientific Research ISSN 1450-216X Vol.34 No.1 (2009), pp.141-149.
3. Prof.S.P. Setti et.al , “PERFORMANCE EVALUATION OF DSR USING A NOVEL APPROACH”, (IJCSE) International Journal on Computer Science and Engineering ,Vol. 02, No. 05, 2010, 1796-1800.
4. Prof.S.P.SETTY et.al,” PERFORMANCE EVALUATION OF AODV IN DIFFERENT ENVIRONMENTS”, International Journal of Engineering Science and Technology ,Vol. 2(7), 2010, 2976-2981.
5. Prof. S.P. Setti et.al, “Routing in Mobile Ad hoc Networks by applying Modified Best First Search Technique “ , International Journal of Computational Intelligence and Information Security, Vol. 1, No. 4, June 2010, pp 55-63.
6. Dr.S.P. Setti et.al , “New Model for Quality of Service in Mobile Ad Hoc Network” , IJCSNS International Journal of Computer Science and Network Security, VOL.9 No.12, December 2009, pp 174 -180.

7. Prof.S.P. Setti et.al, "Application of Fuzzy Priority Scheduler for supporting QoS in MANET for DSR Protocol " ,International Journal of Computational Intelligence and Information Security, Vol. 1 No. 5, July 2010,pp-71-76.
8. Prof.S.P. Setti et.al, "Implementation of Fuzzy Priority Scheduler for MANET and Performance Analysis with Reactive Protocols", International Journal of Engineering Science and Technology Vol. 2(8), 2010, 3635-3640.
9. Prof. S. Pallam Setty et.al," EFFICIENT MAPPING METHODS FOR ELLIPTIC CURVE CRYPTOSYSTEMS", International Journal of Engineering Science and Technology ,Vol. 2(8), 2010, 3651-3656
10. S.P.Setty et.al, "Location Management Scheme in Mobile Adhoc Networks" Vol-2,Jan-July-2009 No 1,pp44-50. ISSN 0974-4622 GITAM Journal of Information Communication Technology
11. S P Setty et.al., "A New Image Processing Segmentation Algorithm for Navigation and Guidance of an Underwater Robot", International Conference on Statistics, Probability, Operations Research, Computer Science and allied areas , AU, Visakhapatnam, 4-8 Jan 2010 .
12. S P Setty et.al, " A New Method of Synchronisation Scheme Based on Bi-Spectrum Analysis", **IEEE** International Conference on RF and Signal Processing Systems, , Vijawada, A.P, India., Feb 1-2<sup>nd</sup> 2008.
13. S P Setty et.al., "Extraction of 3D Information from 2D Underwater SONAR Images", International Conference on Statistics, Probability, Operations Research, Computer Science and allied areas , AU, Visakhapatnam, 4-8 Jan 2010 .
14. S P Setty et.al, "Extraction of Motion Parameters using frame by frame approach ", **IEEE** International Conference on Power System Analysis, Control and Optimization (PSACO-2008), Andhra University, Visakhapatnam, 13<sup>th</sup> – 15<sup>th</sup> March 2008.
15. S P Setty et.al, "Precise Ionospheric delay estimation using code and carrier phase Receiver Measurements for Navigation", **IEEE** International Conference on Power System Analysis, Control and Optimization (PSACO-2008), Andhra University, Visakhapatnam, 13<sup>th</sup> – 15<sup>th</sup> March 2008.
16. S P Setty et.al, " A New Method of Synchronisation Scheme Based on Bi-Spectrum Analysis", **IEEE** International Conference on RF and Signal Processing Systems, , Vijawada, A.P, India., Feb 1-2<sup>nd</sup> 2008.
17. S.P.Setty et.al, "Study of spectral distribution of noise levels inside two major modes of transport in visakhapatnam city, 95<sup>th</sup> Indian Science Congress Association, Visakhapatnam, ISCA-2008, January 3-7, 2008.

18. S.P.Setty et.al,"Investigation of optimal refractive index and thickness of Anti Reflection nano coating material of silicon dioxide to give 0% reflection with substrate", 95<sup>th</sup> Indian Science Congress Association, Visakhapatnam, ISCA-2008, January 3-7, 2008.
19. Dr.S.P.Setty et.al,"Development of Nano coating materials for self cleaning and anti Corrosion", International conference ICMN 08, Kuala Lumpur, Malaysia .
20. S P Setty et.al , " Satellite Failure Detection Algorithm for GPS based Aircraft navigation, National Conference On Signal Processing & Communication Systems (NCSPCS 2008), R.V.R. & J.C. College Of Engineering, February 20-21, 2008
21. S.P.Setty et.al , "Short tandem repeats extraction Software: Comparative review. International Conference on Statistics, Probability, Operations Research, Computer Science and allied areas, AU, Visakhapatnam, 4-8 Jan 1,2010.
22. S Pallamsetty et.al, "Comparative Analysis of Microsatellite Detecting Software: A Significant Variation in Results and Influence of Parameters ". *Proceedings of ACM's International Conference on Bio-computing (ISB 2010)*, 15-17 February, 2010, Calicut.
23. S Pallamsetty et.al, "VMD: Viral Microsatellite Database. A Comprehensive Resource for All Viral Microsatellites" , *Journal of Computer Science and Systems Biology*. 2: 283-000.
24. S P Setty et.al,"Electrical and magnetic properties of divalent doped Ni-Zn ferrites"Ninth International Conference on Ferrites, Aug 22-27, 2004, held at Sanfransisco, USA organized by American Ceramic Society. ISBN: 978-1-57498-218-3, JANUARY -2005
25. S P Setty et. al , "Electrical and magnetic studies on Cu/Co substituted Ni – Zn ferrites ." ICMAT R held at Singapore in July 2005.
26. S P Setty et. al, "Rare – earth ions influence on the densification, grain growth and microstructure of TB type ferroelectric BNN ceramic" materials congress 2006. 5<sup>th</sup> – 7<sup>th</sup> April 2006 London. U.K.
27. S P Setty et. al , "Study of noise levels and spectral distribution of noise levels inside two major modes of transport in Visakhapatnam city," 95<sup>th</sup> Indian Science Congress, January 3 – 7, 2008 Visakhapatnam.