



RESUME OF Dr. S.P. SETTY

Name : **Dr. S.P. Setty**
Date of Birth : 01-02-1961
Place of Birth : Amalapuram, East Godavari District, A.P.
Community : OBC
Designation : Professor.
Teaching Experience : 21 + years
Present Address : **Dr. S.P. Setty**
Professor
Department of CS & SE
College of Engineering,
Andhra University,
Visakhapatnam, 530 003.
Andhra Pradesh – India.
Email : drspsetty@yahoo.com, drspsetty@gmail.com
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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

Number of Papers Published in International Journals from 2008 onwards: 51

Number of Works Shops, National & International Conferences Attended: 63

Research Guidance:

Ph.D Submitted	: 04
Ph.D on going	: 18
M.Phil on going	: 02
M.Tech Projects guided	: 30
M.Tech. / M.C.A Projects on going	: 28

Editorial Board Member:

Computer Science Journals - Malaysia
International Journal of Mathematical Ideas and Computer science.
International Journal of Electronic Communication and Computer Engineering

Review Board Member:

IJCA- International Journal of Computer Applications.
IJCIIS-International Journal of Coputational Inteligence and Information Security.
IJCSIS - International Journal of Computer Science and Information Security.
IJCEST - International Journal of Engineering Science and Technology.
IJSAT - International Journal of Science and Advanced Technology.

Administrative Experience :

- U.G.C Expert Committee Member for Major Research Projects in Engineering and Technology.
- Served as Head of the Dept of Engg Physics, A.U during the Period, 2002 – 2005.
- Member board of studies in computer science &Engineering.
- Member of Subject expert in computer science.
- Member of Departmental Research Studies.

- Coordinator for Students Affairs.

Research Projects Completed:

Major – 1:

Development of effective well matched absorbing (Anti Reflecting) nano particle for coatings-Funded by NSTL (DRDO) Govt.of India.

Minor - 2:

1. Synthesis and Characterization of nano ferrites.
2. Fiber Optics.

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 workshop on Research Methodology P. R. Govt. College, Kakinada.
- Cloud Computing National workshop AITAM, Tekkali.
- Mobile Computing National workshop JNTU, Vizianagaram.

Author of the Text Books:

- Engineering Physics
- Practical Physics
- Material Science

List of Research Papers Published in various International Journals from 2008 onwards.

In the Year 2011

1. Prof.S.P.SETTI et.al , “New Mathematical Model Using Rlgaman For Quality Of Service Improvement In Mobile Adhoc Networks”, (IJMRAE), International J.of Multidiscipl. Research & Advcs. In Engg, ISSN 0975-7074, Vol. 3, No.1,(January 2011), pp. 141-154.
2. Prof.S.P.Setty et.al , “Comparative Study of Arithmetic and Huffman Data Compression Techniques for Koblitz Curve Cryptography”, (IJACA) International Journal of Computer Applications(0975-8887), Volume 14-No.5, January 2011.

During 2010

1. Prof.S.P.Setty et.al , “Performance Comparison of AODC, DSR and ANODR for Grid Placement Model”, (IJACA) International Journal of Computer Applications(0975-8887), Volume 11-No.12, December 2010.
2. Prof.S.P.Setty et.al , “Performance Evaluation of DSR in Various Placement Environments”,(IJACA) International Journal of Computer Applications Special Issue on “Mobile Ad-hoc Networks”MANETs, 2010.

3. Prof.S.P.Setty et.al , “PERFORMANCE EVALUATION OF DSR USING A NOVEL APPROACH”, (IJSCE) International Journal of 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.Setty et.al , “Routing in Mobile Ad hoc Networks by applying Modified Best First Search Technique”, International Journal of Computational Intelligence and Information Security, Vol. 01. No.4, June 2010, pp 55-63.
6. 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. 01. No.5, July 2010, pp-71-76.
7. 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.
8. 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.
9. Prof. S. Pallam setty, “Performance Comparision of AODV,DSR and ANODR for Grid Placement Model”, (IJCA) International Journal of Computer Applications,Vol.11 No.12, December 2010,pp.0975-8887.
10. Prof. S. Pallam setty, “ Comparative study of Arithmetic and Huffmann Data Compression Techniques for Koblitz Cryptography”, (IJCA) International Journal of Computer Applications.
11. 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.*
12. 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.
13. 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.

14. 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.
15. 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 .
16. 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.
17. 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.
18. Prof.S.P. Setty et.al, "Electrical properties of Ni-Zn nano ferrite particles", International Journal of Engineering Science and Technology Vol. 2(8), 2010, 3351-3354.
19. 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.
20. 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.
21. 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 .
22. 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.

During 2008 & 2009

1. 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.
2. 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.

3. 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.
4. 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 1-2nd 2008.
5. 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, 13th – 15th March 2008.
6. 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, 13th – 15th March 2008.
7. 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 1-2nd 2008.
8. S.P.Setty et.al, "Study of spectral distribution of noise levels inside two major modes of transport in visakhapatnam city, 95th Indian Science Congress Association, Visakhapatnam, ISCA-2008, January 3-7, 2008.
9. 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", 95th Indian Science Congress Association, Visakhapatnam, ISCA-2008, January 3-7, 2008.
10. Dr.S.P.Setty et.al,"Development of Nano coating materials for self cleaning and anti Corrosion", International conference ICMN 08, Kuala Lumpur, Malaysia .
11. 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
12. 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.
13. S P Setty et. al , "Study of noise levels and spectral distribution of noise levels inside two major modes of transport in Visakhapatnam city," 95th Indian Science Congress, January 3 – 7, 2008 Visakhapatnam.

(Dr. S.P. SETTY)