

# **Dr. Satyasrikanth Palle**

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## **Biography**

Dr. Satyasrikanth Palle is currently working as Associate Professor in the Department of Electronics & Communication Engineering at Sri Venkateshwara College of Engineering, Bangalore. and has 18 years of experience in teaching and 5 Years of experience in research. He received BE Degree in Electronics & Instrumentation from Bharathier University Coimbatore Tamilnadu, ME in Electronics & Control Engineering from Sathyabama University, Chennai Tamilnadu, and completed his Doctorate in Visvesvaraya Technological University, Belagavi, Karnataka.

His area of interest includes Wireless Cellular Network, LTE, Wireless Sensor Networks, Wireless Body Area Network, MIMO system, Automotive Electronics and Wireless Communication.

To his credit prolifically published around 20+ papers in national / international journals and conferences. He had received grant from VGST, DST, KSCST under various schemes. He has been actively involved as coordinator member in various committees such as NBA, VTU, NAAC and organizing several workshops, seminars and Student development programmes in association with foreign universities. He is a Life member of ISTE, IAENG, and IE,. He has been IEEE RTEICT International Conference Co-ordinator since 2016 and has served as Jury/Reviewer for IEEE Conferences. He has given many technical talks at various industries and institutions.

## **Research Interests**

- Wireless Cellular Network
- LTE
- Wireless Sensor Networks
- Wireless Communication
- Body Area Network

## **Publications**

[1].**Satyasrikanth Palle** and Dr.Shivashankar, “Mobility Prediction Assisted Call Admission Control Model for Mobile Heterogeneous Cellular Network”, International Journal of Communication Networks and Distributed Systems Inderscience Publication Vol.26 No.2,pp : 219-244, DOI: 10.1504/IJCND.2021.10030009, 2021

- [2].**Satyasrikanth Palle** and Dr.Shivashankar, “QoS aware Multi-Path Routing using Link Scheduling Algorithm”, International Journal of Sensors, Wireless Communications and Control, Bentham Science Publishers Ltd. (Scopus Indexed),Vol.10, No.5,pp. 716-724, 2020 DOI: [10.2174/2210327909666191206103424](https://doi.org/10.2174/2210327909666191206103424).
- [3].**Satyasrikanth Palle** and Dr.Shivashankar, “QoS Aware MIMO Based CAC Approach for Wireless Mobile Networks”, International Journal of Innovative Technology and Exploring Engineering-IJITEE, ISSN: 2278–3075 (Online), Vol.8, No.8, pp-3252-3257, 2019.
- [4]. **Satyasrikanth Palle** and Dr.Shivashankar, “Delay Analysis of Wireless Cellular Networks for Better QoS”, International Journal of Engineering and Advanced Technology (IJEAT), (Scopus Indexed) ISSN: 2249 8958,Vol.9, No.2, PP. 5517-5524, 2019.
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- [6].**Satya Srikanth Palle**, Mahaveer Penna, Dileep Reddy Bolla and Shivashankar “User Customized Bootloader for PIC Microcontroller Carrying Out” published in Far East Journal of Electronics and Communications (Scopus Indexed ),ISSN: 0973-7006 <http://dx.doi.org/10.17654/EC017040889> Volume 17, Number 4, 2017, Pages 889-902
- [7].**Satyasrikanth Palle**, Dileep Reddy Bolla, Anand Vijay K M Jijesh J.J, MahaveerPenna, Pramod M S, “An Energy Efficient Sophisticated Security System for Surveillance using Microcontroller” published at International Journal of Emerging Research in Management &Technology(WOS Indexed) ISSN: 2278-9359 (Volume-6, Issue-2) pp. 130-136
- [8].**Satyasrikanth Palle**, Mahaveer Penna, Dileep Reddy Bolla, “Automatic toll collection System using RFID” published in International Journal of Computer Science and Mobile Computing Vol.5 Issue.8, August- 2016, pg. 247-253
- [9].**Satyasrikanth Palle**, Anand Vijay K M, Vijayashekhar S Sankannavar, “Performance Analysis of an Efficient Pulse Triggered Flip Flops for Ultra Low Power Applications” published in International Journal of Computer Science and Mobile Computing Vol.5 Issue.8, August- 2016, pg. 241-246
- [10]. **Satyasrikanth Palle**, Dileep Reddy Bolla, Anand Vijay K M Jijesh J.J, MahaveerPenna, Pramod M S, “An Energy Efficient Sophisticated Security System for Surveillance using Microcontroller” published at IEAE International Journal of Engineering, Volume 1, Issue 1, July 2016.

### International Conferences:

- [1].**S. S. Palle**, J. J. Jijesh, D. R. Bolla, M. Penna, V. P. Sruthi and G. Alla, "Design and Implementation of Automated Fire Fighting and Rescuing Robot," *2020 International Conference on Recent Trends on Electronics, Information, Communication &*

- Technology (RTEICT)*, Bangalore, India, 2020, pp. 320-323, doi: 10.1109/RTEICT49044.2020.9315552
- [2]. **S. Palle**, G. R. Poornima, J. L. Avinash, S. Santosh Kumar, K. N. Sunil Kumar and P. Rajendra Prasad, "Image Processing Based Human Pursuing Robot," 2020 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT), Bangalore, India, 2020, pp. 408-412, doi: 10.1109/RTEICT49044.2020.9315662.
- [3]. **S. S. Palle**, D. R. Bolla, J. J. J. M. Penna, Keshavamurthy and Shivashankar, "An IoT Based Smart E-Fuel Stations Using ESP-32," 2020 International Conference on Recent Trends on Electronics, Information, Communication & Technology (RTEICT), Bangalore, India, 2020, pp. 333-336, doi: 10.1109/RTEICT49044.2020.9315676.
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- [9]. **Satyasrikanth Palle** ,Jijesh J.J, Mahaveer Penna, Pramod M S, Dileep Reddy Bolla, "Reconfiguring CPLD To Perform Operations Based On Sequence Detection Condition " in IEEE International Conference On Recent Trends in Electronics, Information and Communication Technology (RTEICT), 20th to 21st May 2016 at SVCE, Bangalore.
- [10]. **Satyasrikanth Palle** ,Jijesh J.J, Mahaveer Penna, Pramod M S, Dileep Reddy Bolla, "Design and Implementation of User Defined Boot Loader for PIC Micro Controller" In ICNIC-2015, 18th to 20th May 2015 at SVCE, Bangalore.
- [11]. **Satyasrikanth Palle** ,J. J. Jijesh, P. Mahaveer, Dr. M. N. Thippeswamy, and M. S. Pramod "Team Monitoring in a Weekend Orienteering Competition" In ICNIC-2014, 10th to 12th July 2014 at SVCE, Bangalore.
- [12]. **Satyasrikanth Palle** "Limitations on De-Noising via Hard Thresholding using Slantlet Transform" Presented at Second International Conference on Networks,

Information and Communications 2015(ICNIC 2015), 18th to 20th May 2015 at SVCE, Bangalore

[13]. **Satyasrikanth Palle** “RFID Based Toll Tax” Presented at Second International Conference on Networks, Information and Communications 2015, SVCE, BANGALORE (ICNIC 2015), 18th to 20th May 2015 at SVCE, Bangalore

[14]. **Satyasrikanth Palle** “Design and Implementation of User defined Boot loader” Presented at International Conference on Networks, Information and Communications 2015(ICNIC 2015), 18th to 20th May 2015 at SVCE, Bangalore