

CURRICULAM VITAE

Prof. Srinivasulu Tadisetty

Professor in ECE,

Department of Electronics and Communication Engineering

Kakatiya University College of Engineering & Technology,

Kakatiya University, Warangal

Date of Birth: 12-11-1962

FOREIGN VISITS (International Assignments-Sponsored by Govt. of India)

Japan, Singapore, Honkong, China, Nepal, and Malaysia

TOTAL EXPERIENCE (Annexure-A) 29 Years

Teaching Experience (Teaching and Research Experience)

RESEARCH PUBLICATIONS (Annexure-B) 137

RESEARCH PROJECTS (Annexure-C)

- No of Research Projects Completed-
 - Minor (IOCL, ICSA, NIRM and AICTE) 06
 - Major (S&T and Industry Sponsored) 06

ACADEMIC RESEARCH PROJECTS (Annexure-D)

- No. of M. Techs guided 15
- No. of Ph. D Research Scholars Working 08

RESEARCH AREAS

- Wireless Communication
- Internet of Things
- Wireless Sensor Networks
- Embedded Systems
- Biometric Systems

PROFESSIONAL MEMBERSHIP

- Member, Institution of Electrical and Electronics Engineering (IEEE), USA
- Senior Member, International Association of Computer Science and Information Technology (IACSIT), Singapore
- Member: The Society of Digital Information and Wireless Communications (SDIWC), Japan
- Member-Indian JSPS Alumina Association (IJAA), Japan
- Member, International Association of Engineers (IAENG), Hong Kong

- Fellow, Telangana Academy of Sciences, 2017
- Fellow of Institute of Electronics and Telecommunication Engineers (IETE)
- Life members of Broadcast Engineering Society of India (BSCI)
- Life Member, The Indian Science Congress Association (ISCA)
- Life Member, Indian Society for Technical Education (ISTE)

- Life member, Instrument Society of India (ISOI)
- Life Member: Luminescence Society of India
- Life Member: Indian Society for Rock Mechanics and Tunneling Technology, New Delhi

EDITOR AND REVIEWER: JOURNALS AND CONFERENCE PROCEEDINGS

- Reviewer, International Conference and Workshop on Telecommunication. Computing, Electronics and Control (ICW-TELKOMNIKA-2018), Indonesia,
- Reviewer, International Conference on Advances in Computing, Communications and Informatics
- Reviewer, Proceedings of International Conference on Information and Communication Technology (ICOIACT-2018), Yogyakarta-Indonesia, 6-8 March 2018
- Reviewer, 10th IEEE PES Asia-Pacific Power and Energy Engineering Conference 2018 (APPEEC), Malaysia
- Reviewer, 2018 4th International Conference on Computer, Communication And Control Technology (I4ct 2018), Thailand
- Reviewer, 2017 Progress in Electronics Engineering, Computer Engineering and Information Technology (PIECT), Indonesia
- Reviewer, 2nd Advanced Research in Electrical Engineering Technology (ARiEET 2017), Indonesia
- Reviewer, American Scientific Publishers, USA
- Editorial board: International Journal of Research and Innovation (IJRI)
- Reviewer, 3rd International Conference On Education, Malaysia
- Reviewer, International Journal of Engineering & Technology,
- Reviewer, International Journal of Measurements, Elsevier Publications UK, Since 2007
- Editor, CONCORD' International Technical News Bulletin, IJAA, 2017
- Editor: Proceedings of ICPVS 2014, Elsevier Publications
- Editor, Journal of Innovations in Electronics & Communications (JIEC)
- Editorial, Journal of Innovations in Computer Science and Engineering (JICSE)
- Editor, Proceedings of International Conference on Innovation in "Electronics and Communication", Engineering (ICIECE-2013)
- Editor, Proceedings of International Conference in Computer Science & Engineering
- Editor, Proceedings of International Conference on Innovation in "Electronics and Communication", Engineering (ICIECE-2012)
- Editor, Proceedings of International Workshop (IW)-2012 on "MATLAB applications to Signal, Image, Speech processing"

SUBJECTS TAUGHT

- | | |
|---|-------------|
| ✓ Adaptive Wireless Sensors Networks | (PG Course) |
| ✓ Embedded Systems Design | (PG Course) |
| ✓ Electronics Measurement and Instruments | (UG Course) |
| ✓ Digital Electronics | (UG Course) |
| ✓ Wireless Mobile Communications | (PG Course) |
| ✓ Multimedia Communication Engineering | (PG Course) |

AWARDS & RECOGNITIONS

- Certificate of **Outstanding Contribution in Reviewing-Contributions made to the quality of the Journal, International Measurement Confederation, Elsevier**
- **Fellow**, Telangana Academy of Science (TAS), 2017
- **Expert Member**, for screening/evaluation of study/research proposals submitted by the prospective MEXT Research scholarships of 2017 aspirants, Govt. of Japan
- **Plenary lecture** delivered at International Symposium on Earth Science and Technology, **Japan** (CINEST), Dec 7th, 2016
- **Technical Sessions Chair**, International Symposium on Earth Science and Technology, CINEST 2016 **Japan**
- Delivered talk on "**Academic Research and Impact on Industrial Innovations**", 14th May 2014, University of Malaysia, Pahang, **Malaysia**
- Instrumental in successful completion of **academic MOU** with University of Malaysia Pahang, 2014
- **Awardee**, International **Bridge Fellowship** 2011, Japan
- **Technical Chair**, International Conference on Earth Resource Systems, 6-7 December, 2011, Kyushu University, **Japan**
- **Fellow**, Institute of Electronics and Telecommunication Engineers (IETE), 2010
- Received the **best paper award** and certificate during international conference on systemic, and Informatics, and cybernetics (ICSCI 2007) Jan 3-7, 2007
- **Execute Council Member of Indo-Japan Alumina Association (IJAA), Japan Since 2008**
- **Awardee**, International **JSPS Medal 2005, Japan**
- **Keynote address** delivered on 'Automation in Indian Coal Mines', during International conference on Mining and Materials, September 22-24th, 2003, **University of Yamaguchi, Japan**
- **Awardee**, International JSPS Fellowship, 2000, Japan
- Received **Gold Card** for one of the research papers from **National Standard Laboratories, USA, 1999**
- **Technical Chair**, 96 International conference on mining science and technology, 16-18 Oct., 1996, CUMT Xuzhou, China
- **Merit promotion from Scientist-I to Scientist-II, 1993, NIRM (Govt. of India)**
- Awarded '**Outstanding Grade**' in Proficiency course on 'Signal Processing Techniques in Scientific Instruments', **IISc Bangalore, 1991**

PATENTS AND TECHNOLOGY TRANSFER

Patent No.	198196
Date of Grant	16-01-2006
Issuing Authority	Regional Patent Office, Chennai
Type of Patent	Product
Name of the Product	Microprocessor based solid state control (MBSC) system for haulers in coal mines
Inventors	Dr. Srinivasulu Tadisetty, Scientist-III, Prof. R.N. Gupta, Director
Address	National Institute of Rock Mechanics, (Autonomous Research Institute, Govt. of India) Champion Reefs, Kolar Gold Fields-563 117, Karnataka, India

Technology Transferred National Research Development Corporation (NRDC),
(A Govt. of India Enterprises), New Delhi

PhD THESIS EXAMINER (Latest)

- **PhD Examiner**, Dept. of ECE, GITAM University, Hyderabad (TS)
- **PhD Examiner**, Dept. of CSE, SGB Amravati University, Amravati (M.S.), 2015

INVITED TALKS/GUEST LECTURES

- Delivered talk on "Academic Research and Impact on Industrial Innovations", 14th May 2014, University of Malaysia, Pahang, Malaysia
- Guest Lecturers delivered on "RF and MWE" at Rajiv Gandhi University of Knowledge Technologies, Basara, 22-24th Sept. 2016
- Invited Speaker-Lecture delivered on "Telecommunications and ICTs: Drivers of Innovations", during 47th world telecommunication and information society day celebrations, IETE Warangal, 23rd May, 2015
- Delivered Keynote address as Chief Guest during two-day workshop on "Recent Advances in VLSI", KITS Warangal, 8-9 Nov, 2014
- Delivered Keynote address as Guest of honor to National Conference on Emerging Trends in Communications and Signal Processing Techniques, 21st Jan 2012 SANKETA 2012 -, SVUCE & IETE Tirupati
- Invited Lecture delivered on "Embedded Systems", Engineering Staff College of India, Hyderabad, 18th April, 2008
- Expert talk delivered on 'Role of Embedded Systems in Oil and Gas Sector' COE, Andhra University during IETE Zonal Seminar held on 10th February, 2007, Vishakhapatnam
- Keynote address delivered on 'Automation in Indian Coal Mines', during International conference on Mining and Materials, September 22-24th, 2003, University of Yamaguchi, Japan
- Keynote address delivered on 'Development and application of innovative wireless system for real time operations to evaluating longwall supports performance', National seminar on tenth plan perspective of Electronics, Communication and IT in Indian mining sector, 11-12th January, 2003, IETE Nagpur
- Expert talk delivered on Optical Fiber Applications for Illumination of Underground Workings, SCCL Hyderabad, 25-02-2000

UNIVERSITY ADMINISTRATIVE/ACADEMIC POSITIONS HELD, GOVT. AND OTHER DUTIES

- **Dean**, Faculty of Engineering & Technology, Kakatiya University Warangal, 2016-18
- **Principal**, Kakatiya University College of Engineering & Technology, (Govt. of Telangana), Kakatiya University, Warangal, 2013-2016
- **Member** (University nominee), Vigilance Inspection Team to Inspect Affiliated Engineering Colleges 2017
- **Member of TSCHE Committee** to frame guidelines for re-allotment of vacant seats in Govt. Engineering Colleges, 2016
- **BOS Chairman (ECE)**, Kakatiya University, Warangal, 2013-2015
- **BOS Chairman (EIE)**, Kakatiya University, Warangal, 2015-2017
- **Member** to Integrated Book Bank Scheme to SC Students Studying in Professional Courses- Implementation Scheme, District Collector, Warangal, 2015
- **Member**, TS-EAMCET (University Nominee), Team of Confidential Team Members, 2015

- **Member**, TS-ECET (University Nominee), Team of Confidential Team Members, 2015
- **Member** (University nominee), ECET-Entrance Test Committee, 2014
- **Regional Co-ordinator**, EAMCET 2014, Warangal Region, 2014
- **Regional Co-ordinator**, EAMCET 2015, Warangal Region, 2014
- **Regional Co-ordinator**, FDRT-2014, Warangal Region, 2014
- **Regional Co-ordinator**, ECET-2014, Warangal Region-2014
- **Regional Co-ordinator**, TSLPRB-2015, Warangal Region, 2015
- **Presiding Officer**, GATE-2013-IISc Bangalore, 2013
- **Expert Member** of Visvesvarayya PhD admissions committee, Osmania University, Hyderabad
- **External Member (Subject Expert)** for Interview Committee, CADC Hyderabad, 2015
- **External Member (Subject Expert)**, to conduct annual reviews of the Technical Staff of CDAC, Hyderabad-2014
- **Expert Member** of Coal India Limited Interviews Committee to conduct Campus Placement Interviews of NIT Warangal students - 2014
- **BOS Member**, (University Nominee) Dept. of ECE, KITS Warangal, Since 2015
- **BOS Member**, SR Engineering College, Warangal, 2015-2017
- **GB Member** (University Nominee), PPP College of Pharmaceutical Sciences, Khammam, 2014-16
- **GB Member** (University Nominee), SVSS Degree College, Parakala 2014-16
- **Member**, Internal Quality Assurance (IQAC)- SR Engineering College Warangal 2014-2016
- **Member**, Dept. Advisory Committee, SREC Warangal, 2014-2016
- **BOS Member**, JNTU Hyderabad 2013-2015
- **Member**, Departmental Advisory Board-ECE-GNITC Hyderabad 2014-15
- **Director**, Guru Nanak Institute of Technical Campus, Hyderabad
- **Principal**, Guru Nanak Institute of Technology, Hyderabad
- **Principal**, Vardhaman Engineering College
- **Secretary and EC Member**: Instrument Society of India, Hyderabad Chapter, 2015-16
- **EC Member**, Instrument Society of India (ISOI), IISc Bangalore, 2000-04
- **Joint Secretary**, Instrument Society of India (ISOI), IISc Bangalore 2002-04

EDUCATIONS QUALIFICATIONS

B. Tech (Electronics and Communication Engineering),	1988,	SVU Tirupati
D CPA (Diploma in Computer Programming Applications),	1993,	AU, Tamilnadu
M. Tech (Electronics and Instrumentation Engineering),	1997,	IIT (ISM) Dhanbad
PhD (Engineering)	2005,	Kyushu University, Japan

PROFESSIONAL COURSES

1. IISc Bangalore : Signal Processing Techniques in Scientific Instruments
2. IISc Bangalore : PC Based Instruments
3. CEDT Gorakhpur : Microprocessor based system design
4. CDAC Hyderabad : Embedded System Designing using ARM Cortex M3

CONFERENCES/WORKSHOP: CHAIR AND CO-CHAIR

- **Technical Sessions Chair**, International Symposium on Earth Science and Technology, CINEST 2016 **Japan**
- Chair, International Conference on "Advancement in Materials, Health and Safety towards sustainable Energy and Environment - MHS 2014" 7-8 August, 2014, IJAA-AERB Chennai
- Chair, International Conference on "Recent Advances in Communication, VLSI & Embedded Systems" (ICRACVES'14), 19-20th Dec. 2014, SR Engineering College, Warangal
- **Technical Chair**, International Conference on Earth Resource Systems, 6-7 December, 2011, Kyushu University, **Japan**
- Chair, IETE zonal seminar on emerging and converging technologies (SECT-07)", February 10-11, 2007, College of Engineering, Andhra University, Visakhapatnam
- Chair, International conference on systemic, cybernetics and informatics, (ICSCI-2007), Jan 3-7, 2007, Hyderabad
- Chair, National seminar on tenth plan perspective of Electronics, Communication and IT in Indian mining sector, 11-12th January, 2003, IETE Nagpur, India
- Chair, International conference on trends in industrial measurements and automation, August 17-19, 2001, Chennai
- Chair, International conference on technology management for mining, processing and environment, 13 December, 2001 Indian Institute of Technology, Kharagpur
- Chair, National seminar on maintenance of mining machinery, 31st January to 1st February, 2001, Indian School of Mines, Dhanbad
- **Chair**, 96 International conference on mining science and technology, 16-18 Oct., 1996, CUMT Xuzhou, **China**

PAPER PRESENTATION AS A SPEAKER -SEMINARS/CONFERENCES

- International Symposium on Earth Science and Technology, CINEST-2016, Dec.7th, Kyushu University, **Japan**, 2016
- 4th International Conference on Innovations in Computer Science and Engineering (ICICSE-2016), July 22-23rd, 2016, GNI Hyderabad
- International Conference on Science & Technology: Future Challenges & Solutions (STFCS-2016), 8-9th August, 2016, Mysore University
- International Conference on "Recent Advances in Communication, VLSI & Embedded Systems", (ICRACVES'14), 19-20 December, 2014, SREC Warangal
- National Workshop on "From Campus to Corporate", 22-23 February, 2014, Engineering Staff College of India, Hyderabad
- 2nd International Conference on "Innovation in Electronics and Communication Engineering (ICIECE-2013)", August 9-10, 2013, GNI Hyderabad
- International conference of futuristic science and technology in frontier areas, 5-6 August, 2011, SCMRCST Trivandrum
- IETE zonal seminar on emerging and converging technologies (SECT-07)", February 10-11, 2007, College of Engineering, Andhra University, Visakhapatnam
- International conference on systemic, cybernetics and informatics, (ICSCI-2007), Jan 3-7, 2007, Hyderabad
- Fifth International R&D conference, 15-18 February, 2005, Bangalore
- International conference on trends in industrial measurements and automation", December 15-18, 2004, Chennai, India
- International conference on instrumentation, December 19-21st, 2004 Pune, India

- International conference on New Equipment-New Technology, Management, & Safety in mineral based industries, 11-12 May 2004, Bhubaneswar
- Conference on technology and management for sustainable exploitation of minerals and natural resources, 5-7 February, 2004, Kharagpur
- 19th world mining congress, November 1-5, 2003, New Delhi, India
- MMIJ conference, September 22-24th, 2003, Yamaguchi, **Japan**
- National seminar on tenth plan perspective of Electronics, Communication and IT in Indian mining sector, 11-12th January, 2003, IETE Nagpur, India
- National seminar on maintenance of mining machinery, 31st January to 1st February, 2001, Indian School of Mines, Dhanbad
- Technical Conference on Measurement & Automation, 15th October, 2001, New Delhi
- International conference on trends in industrial measurements and automation, August 17-19, 2001, Chennai
- International conference on technology management for mining, processing and environment, 1 3 December, 2001 Indian Institute of Technology, Kharagpur
- National symposium on Intelligent Measurements and Control", February 25 26, 2000, Anna University, Chennai
- Technical conferences on measurement and automation, 19th Oct., 2000, NI Days Bangalore
- National symposium on mining machinery, 26 27 Nov.1999, ISM Dhanbad
- International conference on mining-challenges of the 21st century, Nov.25-27th, 1999, New Delhi
- International conference on Instrumentation, 8-10th Aug.1999, IISc Bangalore
- International conference on management of mining machinery, July 8 10, 1999, Calcutta
- National seminar on practices and prospectus of mining industry in Central India, 2nd Jan, 1999, RKN, Nagpur
- National seminar on outlook for fossil fuels, non-metallic mining and mineral based Industries, August 20 21st, 1998, Anna University, Chennai
- 2nd International conference on R&D, 21-24th Oct. 1997, Vadodara

WORKSHOP, SEMINARS AND CONFERENCE ORGANISED AS RESOURCE PERSON

- Organizing Committee Member: 5th International Conference on Recent Challenges in Engineering and Technology, 19-20 July, 2018, South Korea
- IJAA Executive Committee Member: International Conference on Advancement in Science & Technology (ICAST-2018), 3-4 September, 2018, Visva-Bharati, Santiniketan, West Bengal
- Member of Organizing Committee: Dr. A.S. Rao Memorial Seminar on Make in India, Electronics System Design & Manufacturing (ESDM), Opportunities & Challenges, 23rd August, 2016, IEEE-ISOI Hyderabad
- Executive Committee Member: International Conference on Science & Technology: Future Challenges & Solutions (STFCS-2016), 8-9th August, 2016, IJAA, University of Mysore
- Chairman: IT Workshop-2015, UCE, Kakatiya University, Warangal
- Chairman: International Conference on 'Photonics, VLSI and Signal Processing (ICPVS-2014), Kakatiya University, Warangal
- Chairman: One day workshop on "Defense Electronics", KUCET, KU Warangal, 2013
- Co-Chairman-International Conference on 'Innovation in Electronics and Communication' Engineering (ICIECE-2013), GNIT Hyderabad
- Co-Chairman: International conference of Innovations in Electronics and Communication Engineering (ICIECE-2012), GNIT Hyderabad

- Co-Ordinator: International Workshop on "Digital Signal, Image and Speech Processing with MATLAB", July 19th, 2012, (IW-2012) GNIT Hyderabad
- Advisor: International Conference on Futuristic Science & Technology in Frontier Areas. 5-6th August, 2011, SCTIMST, Trivandrum
- Advisor: A two-day workshop on "New Criteria for NBA" 16-17 Sept. 2011, GNIT Hyderabad
- Chairman: National conference on 'Recent Trends in Communication Technologies and VLSI design', June 2-3, 2010, VCE, Hyderabad
- Advisor: International Conference on 'Recent Advances and Future Directions in Science and Technology, IIT Delhi-IJAA, May 10-11, 2010
- Co-Ordinator: Indo-US consortium for engineering education (IUCEE) sponsored workshop on 'Embedded Systems', July 12-18, 2010, VCE, Hyderabad
- Organized Industrial Meet on "Indigenous Systems", SCCL Hyderabad, 19-12-2003

TECHNICAL WORKSHOPS ATTENDED

- IEEE Tutorials on "Periodic Structures and their applications and Development of Educational App with FDTD Simulations on Portable Devices", 7th August, 2015, IEEE Hyderabad Section
- National Instruments Technical Seminar, 24th November, 2015, Hyderabad
- National Seminar on "Emerging Scenario of Patents Protection, Valuation & Commercialisation", 27th April, 2005, Chennai
- IEEE workshop on "Recent Advances in Satellite & Radar Antennas", 27th December, 2014, IEEE Hyderabad Chapter
- National Conference on Emerging Trends In Communications & Signal Processing Techniques, 21st Jan 2012-SANKETA2012-, SVUCE & IETE Tirupati
- Indo-US Engineering Faculty Leadership Program on "Embedded Systems", 12-16 July, 2010, IUCEE -VCE Hyderabad
- International conference on Petroleum technology (PETROTECH 2009), Jan 4-8, 2009, New Delhi
- Seminar on Corrosion and Cathodic protection systems, July 10-11, 2008, Hyderabad
- Seminar on "Implementation of IPR-Japan and India", 5th September, 2006, Indian IP Alumni Association Chennai
- Microchip Masters Conference, November, 2006

TECHNICAL PROGRAM COMMITTEE MEMBER TO REVIEW CONFERENCE PAPERS

- TPC Member, IEEE SCORed- 2012 -2012 IEEE Student Conference on Research and Development
- TPC Member, ICEED2012-2012- 4th International Congress on Engineering Education (ICEED 2012)
- TPC Member, ICCSII 2012- IEEE Conference on Control, Systems & Industrial Informatics Program
- TPC Member, PECON 2012-IEEE International Conference on Power and Energy
- TPC Member, ISBEIA 2012-IEEE Symposium on Business, Engineering and Industrial Applications
- TPC Member, ISIEA 2012-IEEE Symposium on Industrial Electronics and Applications
- TPC Member, IEEE-ICMLC 2011, Singapore
- TPC Member - Conference Info

ANNEXURE-A

Details of Teaching and Research Experience

Name of the organization & Designation/Scale of Pay	From		Nature of duties
		To	
Professor KU College of Engineering & Technology	2013		Teaching, Research, Accreditation, Academic events, conference, seminars, workshops, publications, patents etc.
		to date	
Professor and Principal KU College of Engineering & Technology	2013	2016	Head of the institution-Responsible for Planning and execution of academic activities as per university norms and also responsible for strengthening of academic research and development of laboratories. He has to work on accreditation standards of AICTE, NBA and ABET. He will be responsible for organizing motivational academic events and placement drives etc.
Professor & Director , GNITC, Hyderabad	June 2013	Sept. 2013	
Professor & Principal GNIT, Hyderabad	May 2011	June 2013	
Professor & Principal Vardhaman College of Engineering, Hyd.	2010	2011	
General Manager (R&D) ICS India Limited, Hyderabad	2006	12010	Embedded solutions to Oil and Gas Industries for improving productivity
Scientist-III National Institute of Rock Mechanics, KGF, Karnataka (Autonomous Research Institute, Govt. of India)	1998	2006	Research and development includes technology development and commercialization, research projects, publications, and patents / IPRs. Collaborative research with national and international premier institutions/ organization Industrial Consultancy Execution of National and International Research Projects
Scientist-II National Institute of Rock Mechanics, KGF, Karnataka (Autonomous Research Institute, Govt. of India)	1993	1998	
Scientist-I National Institute of Rock Mechanics, KGF, Karnataka (Autonomous Research Institute, Govt. of India)	1990	1993	
Lecturer,, College of Engineering, Shahada (M.S)	1989	1990	
Teaching Assistant, Bapatla Engineering College, Bapatla	1988	1989	Teaching to UG students Laboratories establishment Academic projects

ANNEXURE-B

PUBLICATIONS

RESEARCH PUBLICATIONS

1. Banavath Dhanalaxmi and **Srinivasulu Tadisetty**, A New Self-Adaptive Approach for Medical Image Security, International Journal of Computer Science and Information Security (IJCSIS), Vol. 16, No. 6, June 2018, PP 100-112
2. Antar Shaddad H. Abdul-Qawy & **Srinivasulu Tadisetty**, SEES: a scalable and energy-efficient scheme for green IOT-based heterogeneous wireless nodes, Journal of Ambient Intelligence and Humanized Computing, Springer Nature 2018, ISSN 1868-5137, PP 1-26
3. Banavath Dhanalaxmi and **Srinivasulu Tadisetty**, Implementation of an Efficient Hardware Architecture for Multimedia Encryption and Authentication using the Discrete Wavelet Transform, London Journal of Research in Computer Science and Technology, Vol 17, Issue 2, ISSN 2514-863X, PP 21-25 , 2017
4. Banavath Dhanalaxmi and **Srinivasulu Tadisetty**, A new image encryption algorithm based on logistic chaotic map, International Journal of Advanced Research in Electronics and Communication Engineering (IJARECE), ISSN 2278-909X, Vol.6, Issue 11, November 2017, PP 1248-1260
5. Ramchander Jatooth, and Srinivasulu Tadisetty, Improving The Performance of Spectrum Sensing and Spectrum Allocation Using Non-Cooperative Energy Detection Method, Journal of Engineering Computers & Applied Sciences (JECAS), Vol.6, No.12, December 2017, PP46-52, ISSN 2319-5606
6. Banavath Dhanalaxmi and **Srinivasulu Tadisetty**, A Novel Image Self-Adaptive Encryption Algorithm based on Composite Chaotic System, International Journal of Electronics Engineering (IJEE), Vol.9, No.1, Jan-June 2-17, PP 160-164, ISSN 0973-7383
7. Bommidi Sridhar and Srinivasulu Tadisetty, A DOST based Hybrid Fast Spectral Estimation for CR, International Journal of Engineering Trends and Technology (IJETT), Vol 49, No.1, July 2017, ISSN 2231-5381, PP 54-58
8. Ayesha Tarannum, and **Srinivasulu Tadisetty**, Research Challenges in Multimodal Biometrics-A Critical Review, International Journal of Control Theory and Applications, ISSN 0974-5572, Vol. 10, No.35, International Science Press 2017, PP283-294
9. G. Kiran Maye and **Srinivasulu Tadisetty**, A Survey on VLSI Architectures for Wavelets, International Journal of Engineering Research and Applications, Vol 7, Issue 10 October 2017, ISSN 2248-9622, PP 26-29
10. Mahender Veshala and **Srinivasulu Tadisetty**, High Computational Speed with an Optimal Utilization of Resources for Forward Error Correcting Decoder, International Journal of

Emerging Technology and Advanced Engineering, Vol 7, Issue 8, August 2017, ISSN 2250-2459, PP 314-318

11. Antar Shddad H. Abdul-Qawy, Nasr M.S. Almurisi, A. Pradeep Kumar, and **Srinivasulu Tadisetty**, Major Energy Dissipation Sources in the IOT-based Wireless Sensor Networks, International Journal of Electronics and Computational System (IJEECS), Vol 6, Issue 9, September 2017, ISSN 2348-117X, PP 155-161
12. Samreen Talha and **Srinivasulu Tadisetty**, Smart Bank Locker Security System Using Multimodal Biometric and GSM Technology, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol. 4, Issue 7, July 2017, ISSN 2394-3777, PP 54-65
13. Chimmani Nagaraju and **Srinivasulu Tadisetty**, Automated Irrigation System using Wireless Sensor Network, International Journal of Advanced Research Trends in Engineering and Technology (IJARTET), Vol.4, Special Issue 9, April 2017. ISSN 2394-3777, PP169-179
14. P. Bhaskara Chary and **Srinivasulu Tadisetty**, An IOT based Web Page Controlled Digital Notice Board, International Journal of Innovative Technology and Research, Vol 5, Issue 5, August 2017, ISSN 2320-5547, PP 7224-72225
15. Shyam Sunder Kongonda and **Srinivasulu Tadisetty**, Mitigation of ICI through Optimized SSR ICI Self Cancellation Scheme in OFDM, International Journal of Computer Engineering in Research Trends, Volume 3, Issue 9, September 2016, pp 482-486, ISSN (O) 2349-7084
16. Anil Kumar Uppula and **Srinivasulu Tadisetty**, Achieving better Authentication and Copyright protection using DWT and SVD based Watermarking Scheme, International Journal of Computer Engineering in Research Trends, Volume 3, Issue 9, September 2016, pp 487-491, ISSN (O) 2349-7084
17. Antar Shaddad Abdul-Qawy, Pramod. P.J, E. Magesh, and T. **Srinivasulu**, The Internet of Things (IOT): An Overview, International Journal of Engineering Research and Applications, ISSN 2248-9622, Vol.5, Issue 12, December 2015, pp 1-13
18. Amreen Fathima, and **Srinivasulu Tadisetty**, Design and Implementation of Floating-Point Multiplier using CSLA and Modified Booth Algorithm, International Journal of VLSI System Design and Communication System, ISSN 2322-0929, Vo. 03 -05, July 2015, Pages 0763-0767
19. **Srinivasulu Tadisetty**, Gambala Kiranmaye, and Bommidi Sridhar, Novel 3D-Discrete Wavelet Transform for Efficient Image Compression, Journal of Innovation in Electronics & Communication, ISSN:2249-9946, Vol.4, Issue 1, Jan-June 2014, pp 7-12
20. Praneeth Annavarapu and **Srinivasulu Tadisetty**, Role of EDA tools in ASIC Design, Journal of Innovation in Electronics and Communication, Vol. 3(1), Jan-June 2013, ISSN 2249-9946, pp 35-39

21. Bommidi Sridhar, and **Srinivasulu Tadisetty**, A Novel High-Resolution Spectrum Sensing Algorithm for Cognitive Radio Applications, International Journal of Electronics and Communication Engineering (IOSR-JECE), ISSN 2278-8735, Vol-8, Issue-4, November-December, 2013, pp 30-38
22. V. Hari Prasad, Ashok Kumar Yadav, and **Srinivasulu Tadisetty**, Embedded MEMS: A New Era in Mobile Technology, International Journal of Engineering Research and Applications, ISSN: 2248-9622, Vol. 3, Issue 2, March-April 2013, pp857-862
23. K. Eswar Kumar, Ashok Kumar Yadav, and **Srinivasulu Tadisetty**, Smart Card based Robust Security System, International Journal of Engineering Inventions, ISSN 2319- 6491, Vol 2 Issue 5, March 2013, pp26-32
24. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, Recent Trends in Biometric Image Processing Based Authentication Technology, Journal of Innovation in Electronics and Communication, Vol. 2 (2), ISSN 2249-9946, Jan 2012, pp 77-81
25. H.S. Saini, **Srinivasulu Tadisetty**, and G. Laxminarayana, Emerging Trends in Electronics and Communication Technology, Journal of Innovation in Electronics and Communication, Vol 2(1), Jan-June 2012, ISSN 2249-9946, pp 35-40
26. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, Fingerprints matching based on minutiae points, Journal of Innovation in Electronics and Communication, Vol 2(1), Jan-June 2012, ISSN 2249-9946, pp 30-34
27. **Srinivasulu Tadisetty**, Hideki Shimada, Takashi Sasoka, and Kikuo Matsui, Development of Wireless TR System for Improving Efficiency of Buried Crude Oil Pipeline Operations, Journal of Instrument Society of India, June 2012, Vol 42 No. 2, ISSN 0970-9983, pp 71-74
28. Bethuna, **Srinivasulu Tadisetty**, and Praveena Yadav, FPGA based Implementation of Iris Recognition, International Journal of Emerging Technology and Advanced Engineering, ISSN 2250-2459, Vol 2, Issue 12, December, 2012, pp 614-618
29. Bommidi Sridhar, Gambala Kiranmaye, and **Srinivasulu Tadisetty**, An Efficient Recursive Least Square (ERLS) Algorithm for Spectral Estimation with the aid of Wavelet and Artificial Intelligence, pp 1-10, STM Journals- Current trends in signal processing, Vol 2, Issue 1, April 2012, ISSN 2277-6176, pp 1-10
30. Bommidi Sridhar, Gambala Kiranmaye, and **Srinivasulu Tadisetty**, Highly Stabilized Spectral Estimation using Efficient Recursive Least Square (ERLS) Algorithm with the aid of Wavelet and Artificial Intelligence, International Journal of Emerging Technologies and Applications in Engineering, Technology and Sciences (IJ-ETA-ETS), ISSN No. 0974-3588, Vol.5, Issue-2, July-Decembers 2012, pp 1-8

31. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, Iris based De-duplication Technology, International Journal of Engineering Research and Applications (IJERA), ISSN 2248-9622, Vol.2 (1), pp 164-167
32. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Impact of chock shields inferior performance on longwall roof cavities, Mining Engineers Journal, Vol 7, No.8, March 2006, ISSN 097-3001, pp 22-24
33. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Real Time Analysis and Forecasting of Strata Caving behaviour during Longwall operations, Journal of Rock Mechanics and Rock Engineering, ISSN 1365-1609, Vol 39, No. 4, Sept. 2006, Springer Wien New York, pp 383-394
34. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Wireless Data Acquisition System for Chock Shields in Underground Mines-Performance Monitoring and Analysis, Journal of Rock Mechanics and Tunneling Technology, Vol 11 No. 1, January, 2005, pp 25-34
35. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Impact of Low Resistance behaviour on Longwall Mining Operations, Mining Engineering Journal, Vol. 6 No. 9, April 2005, ISSN 0975-3001, pp 20-24
36. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Differential analysis for effective warning of chock shields adverse behaviour, Journal of Mines, Metals & Fuels, July-August, 2005, ISSN 0022-2755, Vol. 53, No.7&8, pp 128-131
37. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Graphical Programming Applications to Data Acquisition and Analysis of Longwall Powered Supports Behaviour in Real Time, Journal of Instrument Society of India, Vol. 35, No.1, 15th March, 2005, ISSN 0970-9983, pp 10-19
38. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Role of time weighted average analysis in longwall strata caving, Mining Engineers Journal, Vol.5, No. 6, January 2004, ISSN 0975-3001, pp 9-13
39. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Frequency Hopping Techniques for Reliable Geomechanical Data Transmission, Journal of Instrument Society of India, Vol No. 33, No.1, 15th March, 2003, ISSN 0970-9983, pp 55-59
40. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Virtual Instrumentation for Real Time Analysis of Support Behaviour, Journal of Mines, Metals & Fuels, 2002, ISSN 0022-2755, pp 455-458
41. **Srinivasulu Tadisetty**, and R.N. Gupta, PC based on-line condition monitoring system for evaluating longwall powered supports performance, pp 23-24, The Indian Mining & Engineering Journal, ISSN 0019-5944, Vol 39 No. 2, February-March, 2000

CONFERENCE PUBLICATIONS

42. Antar Shaddad H. Abdul-Qawy & **Srinivasulu Tadisetty**, Greening Trends in Energy-Efficiency of IoT-based Heterogeneous Wireless Nodes, IEEE International Conference on Electrical, Electronics, Computers, Communication, Mechanical and Computing (EECCMC-2018), PP 118-127, 2018/1/29, IEEE catalog CFP18037-PRJ:978-1-5386-4303-7@IEEE2018
43. Antar Shaddad H. Abdul-Qawy & **Srinivasulu Tadisetty**, EH-mulSEP: Energy-Harvesting enabled Multi-level SEP Protocol for IOT-based Heterogeneous WSNs, IEEE 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT-2017), PP 142-150, SSIT Tumkur, Karnataka, India
44. Banavath Dhanalaxmi and **Srinivasulu Tadisetty**, Multimedia Cryptography-A Review, IEEE International Conference on Power, Control, Signal and Instrumentation Engineering (ICPCSI-2017), 21-22nd September, 2017, Chennai, PP 136-138, ISBN: CFP17M84-PRT978-1-5386-0813-5
45. Ayesha Tarannum, and Srinivasulu Tadisetty, Multimodal Biometric System - A Basic Review, International Conference on Crystal Ball Vision on Science & Engineering for Societal Upliftment, 7-8 August, 2017, CSIR-NIO, Goa, PP128
46. Dhana Laxmi and T. Srinivasulu, Multimedia Crypto Security-Introductory Review, International Conference on Science & Technology: Future Challenges and Solutions (STFCS-2016), 8-9th August, 2016, University of Mysore (Abstract)
47. **Srinivasulu Tadisetty**, Hideki Shimada, and Kikuo Matsui, Improved Safety of Miners using Wireless Sensors Network - An Innovative Approach, International Symposium on Earth Science and Technology 2016, Dec 8-9, 2016, Kyushu University, Japan
48. G. Kiranmaye and **Srinivasulu Tadisetty**, Level Skip VLSI Architecture for 2D Discrete Wavelet Transform, 1st International Conference on Computational Intelligence & Informatics, 28-30th May, 2016, JNTU Hyderabad
49. G. Kiranmaye, and **Srinivasulu Tadisetty**, A Single level VLSI Architecture for 2D discrete Wavelet transforms (Abstract), International Conference on Contemporary Advances of Science and Technology (IC-CAST 2015), August 7-8, 2015, BHU
50. G. Kiranmaye and **Srinivasulu Tadisetty**, VLSI Architecture for Coherent 9/7 Lifting based 2D-Discrete Wavelet Transform, 12th IEEE International Conference on Electronics, Energy, Environment, Communication, Computer, Control (IEEE-INDICON2015), 17-20 December, 2015, New Delhi
51. B. Sridhar and **Srinivasulu Tadisetty**, ERLS Non-Parametric Spectrum Sensing for CR, 2015 IEEE International Advance Computing Conference, IEEE Xplore ISBN978-1-4799-8017-5, June 12-13, 2015, Bangalore

52. **Srinivasulu Tadisetty**, Development of Drivers for LED's-Review of Trends (Abstract), International Conference on Advancements in Materials, Health and Safety, 7-8 August, 2014, Chennai
53. **Srinivasulu Tadisetty**, B. Sridhar, and G. Kiranmaye, Space Time Code Design for Multiple Access Channels with Quantized Feedback, 3rd International Conference on Innovations in Electronics and Communication Engineering, 18-19 July, 2014, Hyderabad
54. Ramachander. J. and **Srinivasulu Tadisetty**, A Review of Electronic Waste: Current Status and Management. pp 170-178, International Conference on Photonics, VLSI and Signal Processing, ICPVS2014, ISBN 978-93-5107-228-7, Elsevier Publisher
55. Amreen Fathima and Srinivasulu Tadisetty, Cache Memory Replaced by Scratchpad Memory, pp 223-230, International Conference on Photonics, VLSI and Signal Processing, ICPVS2014, ISBN 978-93-5107-228-7, Elsevier Publisher
56. B. Sridhar, **Srinivasulu Tadisetty** and G. Kiran Maye, A Novel Method to Improve the Speed of Speech Recognition System, PP 47-53, ICPVS-2014, ISBN 978-93-5107-228-7, Elsevier Publications
57. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, Biometric Technologies Assessment & Its Application in Defence, pp 150-156, International Conference on Photonics, VLSI and Signal Processing, ICPVS2014, ISBN 978-93-5107-228-7, Elsevier Publisher
58. Ayesha Tarannum and **Srinivasulu Tadisetty**, Multimodal Biometric Systems-A Review, International Conference on Communications, Signal Processing, Computing and Information Technologies (ICCSPCIT-2014), December 26-27, 2014, Hyderabad
59. Mahender Veshala, and **Srinivasulu Tadisetty**, Advanced LED Packages, pp 199-206, International Conference on Photonics, VLSI and Signal Processing, ICPVS2014, ISBN 978-93-5107-228-7, Elsevier Publisher
60. Ramkumar Reddy, Karthik Reddy, and **Srinivasulu Tadisetty**, Design and Implementation of High Voltage Tolerant I/O Buffers with Low-Voltage CMOS, pp 22-27, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad
61. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, Technological Trends in Embedded System, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad, PP89-98
62. S.N. Chandrasekhar, S.P.V. Subba Rao, and **Srinivasulu Tadisetty**, Performance Analysis of Scheduling Algorithms for WCDMA Wireless Multimedia Networks, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad pp 242-246

63. Ashok Kumar Yadav and **Srinivasulu Tadisetty**, An Essential Info about Image Processing and Pattern Recognition, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad, pp 436-444
64. K. Eswar Kumar, Ashok Kumar Yadav, and **Srinivasulu Tadisetty**, Measuring Tools and Tricks for Fast Boot-Up Embedded Linux, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad, pp 151-158
65. Ashok Kumar Yadav, and **Srinivasulu Tadisetty**, and Partha Saradhy, Biometric Match on Card Technology, 2nd International Conference on Innovation in Electronics and Communication Engineering, 9-10th August, 2013, Hyderabad pp 245-249
66. S.N, Chandra Sekhar, S.P.V. Subba Rao, and **Srinivasulu Tadisetty**, Performance Analysis of Hybrid MAC Protocol for Wireless Multimedia Networks, International Conference on Smart Systems (ICSS), 7-8 October, 2013, Hyderabad, ISBN No. 978-93-82163-88-6 pp 56-60
67. Ashok Kumar Yadav, and **Srinivasulu Tadisetty**, Effective Multimodal Biometric Solution for Human Verification, 2nd International Conference on Recent Advances in Design, Development and Control of Micro Air Vehicles, 21-23 November, 2013, Hyderabad, Elsevier Publications, ISBN No. 9789351071693, pp 25-29
68. Bommidi Sridhar, and **Srinivasulu Tadisetty**, A Novel Spectrum Algorithm for Cognitive Radio Applications, 2nd International Conference on Recent Advances in Design, Development and Control of Micro Air Vehicles (ICRAMAV-2013), 21-23 November. 2013, JNTU Hyderabad, ISBN 9789351071693, Elsevier Publications, pp 142-150
69. Nuli Namassivaya, and **Srinivasulu Tadisetty**, Ionospheric Effects on GPS Signals, International Conference on Innovation in Electronics and Communication Engineering, 9-10 August, 2013, Hyderabad, pp 18-20
70. S. Sreenivasulu, **Srinivasulu Tadisetty**, and B.L. Maheswari, Study and Performance Analysis of GSM, GPS, MEMS and INS based Mobile Tele-Monitoring Transportation Assistance System, International Conference on Innovation in Electronics and Communication Engineering, 20-21 July, 2012, Hyderabad
71. G. Kiranmaye, **Srinivasulu Tadisetty**, and B. Sridhar, Fast self-Switching type Frequency Agile RADAR Processing unit Implemented on Xilinx FPGA, International Conference on Innovation in Electronics and Communication Engineering, 20-21 July, 2012, Hyderabad
72. Nithin. B, Ramireddy.Ch, and **Srinivasulu Tadisetty**, Image Compression and Recovery through Compressive sampling and particle Swarm Optimization, International Conference on Innovation in Electronics and Communication Engineering, 20-21 July, 2012, Hyderabad
73. Ashok Kumar Yadav, Asha Rani, and **Srinivasulu Tadisetty**, Multi Modal Biometric Deduplication for Biometric Databases, International Conference in Innovation in Electronics and Communication Engineering (ICIECE-2012), 20-21 July, 2012 Hyderabad

74. B. Sridhar, **Srinivasulu Tadisetty**, Gambala Kiranmaye, and M. Madhavi Latha, Stabilization Issues of High Frequency Resolution RLS Spectral Estimation Method, International Conference on Innovation in Electronics and Communication Engineering (ICIECE-2012), 20-21 July, 2012, Hyderabad
75. M. Chandra Mohan, Kumaraswamy, K. Narsimhudu, and **Srinivasulu Tadisetty**, Design of High Speed AES Algorithm, International Conference on Innovation in Electronics and Communication Engineering (ICIECE-2012), 20-21 July, 2012, Hyderabad
76. Bethuna, Praveena Yadav, and **Srinivasulu Tadisetty**, Efficient FPGA based Implementation of Iris Recognition Algorithm, International Conference on Innovation in Electronics and Communication Engineering, 20-21 July, 2012, Hyderabad
77. T. Ramakrishnaiah, **Srinivasulu Tadisetty**, and Asha Rani, Text Extraction in Video using Discrete Wavelet Transforms, International Conference on Innovation in Electronics and Communication Engineering, 20-21 July, 2012, Hyderabad
78. Partha Saradhy, **Srinivasulu Tadisetty**, H.S. Saini and Akira Fukuda, Mobile Learning System for Improving Efficiency of Conventional Education, IEEE International Conference on Education & E-Learning Innovation, ICEELI, ISBN 978-1-4673-2226-3, 1-3 July, 2012, PP 1-5
79. **Srinivasulu Tadisetty**, Overview of NBA Program, Workshop on New Criterion for NBA Accreditation, 16-17 September, 2011
80. **Srinivasulu Tadisetty**, Research Methodology-A Personnel View Workshop on Active Research, 15th Sept. 2010, VCE Hyderabad
81. **Srinivasulu Tadisetty**, Monitoring of Underground Gas Pipeline Threats Using Wireless Embedded System, International Conference on Mobile Internet Devices, 17-18 December, 2010, Hyderabad
82. **Srinivasulu Tadisetty**, K. Narender Reddy, Hideki Shimada and Kikuo Matsui, Development of Embedded Real Time System-A Case Study, pp 142-145, ICSCI-2007, International Conference on Systemics, Cybernetics, and Informatics, Vol 1 of 2, Jan 3-7, 2007
83. **Srinivasulu Tadisetty**, Industrial Applications of Emerging RFID Technology, IETE Zonal Seminar on Emerging and Converging Communication Technologies, February 10-11, 2007, Visakhapatnam, pp 148-150
84. Ashish Kumar Reddy, Nitesh Bhawania, and **Srinivasulu Tadisetty**, An Innovative Mitigation method for Petroleum Storage Tank Corrosion, Symposium on METALLON, 21-23rd December, 2006, Hyderabad

85. **Srinivasulu Tadisetty** and R.N. Gupta, Frequency control system for improving efficiency of conventional coal mines hauler efficiency, pp 141-145, 1st Asian Mining Congress, 16-18 January, 2006
86. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Classification of Chock Shields Behaviour in an Indian Longwall Mine in Real Time, 25th International Conference on Ground Control in Mining, USA, ISBN 0-939084-56-9, August 1-3, 2006, pp 252-255
87. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, High Tech Automation in Longwall Mining, Conference on Technological Automation and Environmental Challenges in Mining and Allied Industries in 21st Century. 5-6 February, 2005, NIT Rourkela
88. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Wireless LAN Application to Monitoring and Analysis of Longwall Powered Supports Performance, 20th World Mining Congress, November 7-11, 2005, Iran
89. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Hard Real Time System for Productive Indian Longwall Operations, 3rd International Workshop on Earth Science and Technology, Kyushu University, Japan, ISBN 4-9902356-6-5, December, 2005, pp 549-556
90. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Wireless LAN System for Leg Pressure Monitoring, 19th International Mining Congress, 9-12 June, 2005, Turkey
91. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Real Time Instrumentation System for Analysis of Strata Caving of an Indian Longwall Operations-A Case Study International Conference on EUROCK 2005, May 18-20, Czech Republic
92. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Virtual Instrumentation Applications HITECH Measurements of Mining Operations, 5th International R&D Conference, 15-18 February, 2005, Bangalore
93. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Analysis of Roof Strata behaviour in Real Time, US Symposium on Rock Mechanics-ARMA/USRMS 05-675, June 25-29, 2005
94. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Real time analysis for forecasting of chock shields performance - A case study, 32nd International Conference on Computer Applications in the Mineral Industries, March 30-April 1st, 2005, USA
95. **Srinivasulu Tadisetty**, and R.N. Gupta, Development and application of new innovative system for reducing power consumption and improving efficiency of conventional coal mine hauler, pp 97-100, International symposium on new equipment-new technology, management and safety in Mines, 11-12 May, 2004

96. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, A client-server instrumentation system-longwall mining applications, pp 379-384, Conference on Technology and Management for Sustainable Exploitation of Minerals and Natural resources, 5-7 February, 2004, IIT Kharagpur
97. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Real Time Instrumentation System for Effective Longwall Operations, pp 837-841, 5th International Symposium on Mining Science and Technology, 20-22 October, 2004, China, A.A. Balkema Publishers, New York, ISBN 0415361443
98. R.N. Gupta, and **Srinivasulu Tadisetty**, Microprocessor based solid state control system for improving efficiency of the conventional coal mine hauler, pp 371-375, 13th International Conference on Mine Planning and Equipment selection-Sept. 1-3, 2004, Taylor & Francie's Publishers, ISBN 0415359376, Poland
99. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Virtual Wireless System for Effective Longwall Operations, PP 491-496, International Conference on Trends in Industrial Measurements and Automation, December 16-18, 2004, Chennai
100. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Monitoring and analysis of hydraulic chock shields behaviour on real time, pp 513-517, 13th International Conference on Mine Planning and Equipment selection-Sept 1-3, 2004, Taylor & Francie's Publishers, ISBN 0415359376, Poland
101. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Forecasting of adverse strata behaviour during longwall operations in real time, pp 627-631, International Symposium on Rock Mechanics-3rd ARMS, November 30- December 2nd, 2004, Volume-1, Kyoto, Japan, Millpress Publications, Netherlands
102. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Innovative data acquisition system for effective longwall mining operations, pp289-292, International conference on instrumentation, 19-21st December, 2004, Pune
103. Jan Gottifried, **Srinivasulu Tadisetty**, Hideki Shimada, and Kikuo Matsui, RT-GPS Applications for Czech Republic Mines, pp 199-203, International Conference on Instrumentation, 19-21 December, 2004 Pune
104. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Role of Intrinsic Safety in Mining Systems-A Case Study, pp 295-301, 2nd International Workshop on Earth Science and Technology, 6th December 2004, Kyushu University, Japan
105. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Development and application of innovative wireless system for real time operations to evaluating longwall supports performance, pp89-97, National Seminar on Tenth Plan Perspective of Electronics, Communication & IT Impact on Indian Mining Sector, 11-12th January, 2003, IETE Nagpur

106. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Trend Analysis and Interpretation of Powered Supports Performance, pp 10-13 *Geominetech symposium on New equipment-new technology, management and safety in mining and mineral based industries*, 11-12 May, 2003
107. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Development and Application of Intelligent Ethernet based System for Longwall Applications, National Symposium on *Geomechanics and Ground Control*, Dhanbad, 2003, pp 187-193
108. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Wireless Networking System to Mining Applications, 4th Indian Conference on Computer Applications in Mineral Industry, 7-8 November, 2003, Bhubaneswar
109. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Monitoring and analysis of chock shields behaviour during longwall method of mining, pp 523-526, 3rd International Symposium on Rock Stress, 4-6 November, 2003, Japan, A.A. Balkema Publishers, ISBN 90-5809-639-4
110. **Srinivasulu Tadisetty**, Srinivasu Maka, And R.N. Gupta, Development and application of continuous strata monitoring system for blasting gallery method of workings, International symposium on new equipment-new technology, management and safety in mineral based industries, 11-12 May, 2003, Bhubaneswar
111. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Virtual instrumentation system for chock shield performance monitoring and analysis, pp 195-201, International workshop on earth science and technology, November 7, 2003, Japan
112. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, PXI System for monitoring longwall gate roads convergence, pp 539-542, 12th International Symposium on Mine Planning and Equipment Selection, Kalgoorlie, WA 23-25 April, 2003, Australia
113. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Coal Mining Technology in India, Conference on Materials and Mining Institute of Japan, Sept. 22-24, 2003
114. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Development and application of wireless data acquisition system for continuous monitoring of longwall powered supports performance, pp 877-884, 19th World mining congress, New Delhi, 1-5 November, 2003, ISBN 81-204-1608-2
115. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Development and application of smart-real time system for continuous monitoring of powered supports behaviour and automatic evaluation of its performance-A case study, pp 369-377, Aachen International Mining Symposia on High Performance Mine Production, 11-12 June, 2003, Germany
116. **Srinivasulu Tadisetty**, Kikuo Matsui, Hideki Shimada and R.N. Gupta, Novel Internet Calibrator for Automatic Calibrating Powered Supports Pressure Transducers, Indian Rock Conference, 28-29 November, 2002, New Delhi

117. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Virtual instrumentation system for rock mechanics applications, pp 809-816, International conference on rock engineering problems and approaches in underground constructions, Korea ISBN 89-953134-0-4-94530, Vol-2, 2002, Korea
118. **Srinivasulu Tadisetty**, Kikuo Matsui, and R.N. Gupta, Development of virtual instrumentation-based data acquisition system for underground mining applications National Symposium on Advanced instrumentation (NSAI-2001), January 29-31, 2001, Chandigarh
119. Arun Kumar Das, **Srinivasulu Tadisetty**, and R.N. Gupta, Development Trends in Maintenance Engineering of Longwall Mining Machinery, pp 179-184, National Seminar on Maintenance Engineering-The Recent Trends, 31st Jan-1st February, 2001, ISM Dhanbad
120. Anantha Prakash, **Srinivasulu Tadisetty**, Srinivas Talabattula and R.N. Gupta, Illumination of Remote Underground working through Fiber Optic Cables, National Symposium on Advanced instrumentation (NSAI-2001), January 29-31, 2001, CSIO Chandigarh
121. **Srinivasulu Tadisetty**, Srinivasu Maka, and R.N. Gupta, Modelling of Geo-Mechanical behaviour of Blasting Gallery Workings by Biased Trigonometric Series, International Conference on Technology in Industrial Measurement and Automation, 17-19 August, 2001
122. **Srinivasulu Tadisetty**, and R.N. Gupta, Development and Application of a Wireless Data Logger based on Networking for Continuous Monitoring of Underground Longwall Mining Machinery Condition, Technical Conference on Measurement and Automation, 19th October, 2000, NI Bangalore
123. **Srinivasulu Tadisetty**, R.N. Gupta, and S. Maka, Development of Intelligent Closure Detector, pp 19-23, National Symposium on Intelligent Measurement and Control, 25-26 February, 2000, AU Chennai
124. **Srinivasulu Tadisetty**, R.N. Gupta and Srinivasu Maka, Internet Based Data Acquisition System for Effective Longwall Operations, International Conference on Technology Management for Mining Processing and Environment, 1-3 December, 2000, IIT Kharagpur
125. **Srinivasulu Tadisetty**, K. Sudhakar, C. Sivakumar, and R.N. Gupta, Development of Low Cost Deformation Logger for Underground Mining Applications, National Seminar on Practices and Prospects of Mining Industry in Central India, 2nd January, 1999, Nagpur, pp 243-251
126. **Srinivasulu Tadisetty**, and R.N. Gupta, Development of Automated Data Acquisition System for Calibrating Deformation Transducers, pp1023-1029, 1999 NCSL Workshop & Symposium, July 11-15, 1999, Charlotte, USA
127. **Srinivasulu Tadisetty**, and R.N. Gupta, The impact of information superhighway on rock mechanics instrumentation, pp 609-613, International Conference on Mining Challenges of the 21st Century, November 25-27, 1999, New Delhi

128. **Srinivasulu Tadisetty**, and R.N. Gupta, Small Scale Expert System for Effective Longwall Operations, pp 332-344, International Conference on Management of Mining Machinery, July 8-10, 1999
129. **Srinivasulu Tadisetty**, and R.N. Gupta, Development and Application of Micro-Controlled based Rate of Convergence Monitoring System-A Case Study, pp 1439-1441, 9th International Congress on Rock Mechanics, Vol2, August 25-28th, 1999, Paris
130. **Srinivasulu Tadisetty**, and Maka Srinivasu, Role of Microprocessor based Instrumentation System for effective Strata behaviour Monitoring and Evaluation, pp 146-148, National Seminar on Outlook for Fossil Fuels, Non-Metallic Mining and Mineral based Industries, 1998, AU Chennai
131. **Srinivasulu Tadisetty**, Development of Microprocessor based Strata Logger for Underground Mining Applications (Abstract)-pp 26, National Symposium on Instrumentation, 7-10th October, 1998, BITS Mesra
132. **Srinivasulu Tadisetty**, Sudhakar. K and Venkateswarlu. V, Development and Application of Low Powered Microcomputer based Continuous Strata Monitoring System, 27th International Conference on Safety in Mines Research, 20-22 February, 1997, New Delhi
133. **Srinivasulu Tadisetty**, Venkateswarlu. V, Sudhakar. K, and Nagaraj. C, Strata Behaviour Monitoring and Stability Evaluation of Power House Cavern-A Case Study, 2nd International R&D Conference, 21-24 October, 1997, Vadodara
134. **Srinivasulu Tadisetty**, K. Sudhakar, and V. Venkateswarlu, Strata behaviour in GDK-10 Incline Blasting Gallery Panel, SCCL, 2nd National Conference on Ground Control in Mining, 4-5 October, 1996, CMRI Dhanbad
135. **Srinivasulu Tadisetty**, and K. Sudhakar, Development of Microprocessor based Instrument for Micro-Seismic Data Acquisition and Analysis, pp 515-519, International Symposium on Mining Science and Technology, 16-18 October, 1996, China, A.A. Balkema Publications, UK, ISBN 90 5410 825 8, China
136. **Srinivasulu Tadisetty** and Sudhakar. K, Development of Micro-Computer based Energy Calculator, International Conference on Instrumentation, 8-10th August, 1996, IISc Bangalore
137. **Srinivasulu Tadisetty**, K. Sudhakar, Y.V. Sivaram and B.S.R. Sastry, A Micro-Computer based Intelligence Remote Extensometer for Monitoring Strata Behaviour, pp 1215-1220, Third International Symposium on Mine Mechanization and Automation, Vol.1, June 12-14, 1995, Colorado School of Mines, USA

ANNEXURE-C

MAJOR RESEARCH PROJECTS/INHOUSE PROJECTS				
Sl.No	Title of Research Project	Funding Agency	Duration	Remarks
1	Development of microprocessor based solid state control (MBSC) system for improving hauler efficiency	S&T, Govt. of India, New Delhi	2 years	Completed
2	Development and application of a Micro-controller based system for Continuous monitoring of Longwall Powered Supports and its application for continuous automatic strata behaviour evaluation (CASE)	S&T, Govt. of India, New Delhi	3 years	Completed
3	Development and application of continuous strata monitoring system (CSMS) for evaluating roof stability in coal mines	S&T, Govt. of India, New Delhi	3 years	Completed
4	Strata Monitoring in BG panel at VK-7 Incline, SCCL Kothagudem	SCCL Kothagudem	2 years	Completed
5	Instrumentation and Strata Monitoring at Srisailam Left Bank Hydro-electric Scheme	APSEB, SLBHES, Srisailam	2 years	Completed
6	Design, Development, Installation of Low Power Micro-Seismic Network for Monitoring the Ground Stability during Crown Pillar Mass Blast at Mochia Mine, HZL	Hindustan Zinc Limited, Udaipur	2 years	Completed

MINOR RESEARCH PROJECTS/INHOUSE PROJECTS				
Sl.No.	Title of Research Project	Funding Agency	Duration	Remarks
1	Intelligent Cathodic Protection (ICAP) system	ICSA Limited, Hyderabad	2 year	Completed
2	Transformer Rectifier Monitoring System	IOCL, Guwahati	1 year	Completed
3	Establishment of Entrepreneurship Development cell (EDC)	AICTE, New Delhi	1 year	Completed
4	Establishment of Industry Institute Partnership Cell (IIPC)	AICTE, New Delhi	1 year	Completed
5	Research Seminars	AICTE, New Delhi	1 year	Completed
6	Microprocessor based Micro Seismic Events Counter	NIRM, KGF	1 year	Completed

ANNEXURE-D

SUPERVISOR TO PHD ACADEMIC RESEARCH

Sl. No	Name of the Scholar	Thesis title	Status
1	Mr. V. Mahender	Improve of Efficiency of Sensor Nodes Using Hybrid Ultra Low-Power Techniques	Since 2018
2	Ms. Anith. B	Fuzzy based Optimal Spectrum Sensing for Energy Harvesting Cognitive Radio Networks	Since 2018
3	Mr. Ambala Pradeep Kumar	Modelling and Performance Prediction of Massive MIMO Systems	Since 2016
4	Mr. Nasr Musaed Almurisi	Addressing security issues in Wireless Sensor Networks for coal mine applications	Since 2016
5	Mrs. L. Dhana Lakshmi	Improving the biomedical image security of telemedicine	Since 2015
6	Mr. Abdul-Qawy Antar-Yemen	Greening and Optimizing, Energy Consumption of Wireless Nodes in the Internet of Things	Since 2014
7	Mr. J. Ramachandran	Improving efficiency of spectrum management in CR-WSN using soft computing techniques	Since 2018
8	Mr. Srinivas. K	Millimeter Wave Massive MIMO communications for future generation wireless systems	Since 2018

M.Tech Projects

Sl. No	Title of Dissertation	Name of Student	Degree	Status	College
1	Automated Irrigation System using a Wireless Sensor Network	Mr. Chimmani Nagaraju	M. Tech-2017	Awarded	KUCET Warangal
2	Smart Bank Locker Security System using Multimodal Biometrics & GSM Technology	Ms. Samreen Talha	M.Tech-2017	Awarded	KUCET Warangal
3	An IOT based Web Page Controlled Digital Notice Board	Mr. Polaju Bhaskara Chary	M. Tech-2017	Awarded	KUCET Warangal
4	DWT SVD based dual Digital Watermarking of RGB Image	Mr. Anil Kumar Uppula	M. Tech-2016	Awarded	KUCET, KU Warangal
5	Optimized Data Allocation & Combining Scheme for ICI Self Cancellation in OFDM Systems	Mr. Shyam Sunder Kongonda	M. Tech-2016	Awarded	KUCET, KU Warangal
6	Super-Resolution Reconstruction of Cardiac MRI using Coupled Dictionary Learning	Mr. Bommera Boina Anil	M. Tech-2015	Awarded	KUCET, Warangal
7	Near Field Communication	Mr. U. Anil Kumar	M. Tech-2015	Awarded	KUCET Warangal
8	Scratch Pad Memory: An alternative to Cache Memory in Embedded System	Ms. Amreen Fathima	M. Tech - 2014	Awarded	KUCET Warangal
9	Efficient FPGA based Implementation of Iris Recognition	Ms Bethune	M. Tech-2012	Awarded	GNIT Hyderabad
10	Design of High Speed AES Algorithm-2013	Mr M Chandra Mohan	M. Tech - 2012	Awarded	GNIT Hyderabad
11	Embedded Bottle Filling System	Ms. K. Manasa	M. Tech-2010	Awarded	VCE Hyderabad
12	Wireless LAN Security	Mr Abhishek Syrve	M. Tech-2010	Awarded	VCE Hyderabad
13	RFID based system for detecting mobile devices	Mr. Sagar Maloo	M. Tech-2010	Awarded	VCE Hyderabad
14	Automation of Library Management System using RFID	Ms. N. Neeraja	M. Tech-2010	Awarded	VCE Hyderabad
15	Pharmaceutical Industrial Automation Using GSM	Ms KVBL Deepthi	M. Tech - 2010	Awarded	VCE Hyderabad