CURRICULAM VITAE

NAME : **Dr. VENKATA RAGAHAVENDRA MIRIAMPALLY**
M. SC, M. Tech (ECE), PhD (ECE), MISTE, MISOI, MIAENG, MIACSIT, MAIRCC, MSCIEI
SMUACEE, PASS, MISMTE, MMEASCE, SMIRED, MCSTA, MSSF, MWASET, MESR

TITLE : **ASSOCIATE PROFESSOR**

PROFESSION : ENGINEERING SCIENCE & TECHNOLOGY

DEPARTMENT : **ELECTRONICS & COMMUNICATION**

AFFILIATION
/INSTITUTION : ADAMA SCIENCE & TECHNOLOGY UNIVERSITY,
ADAMA, ETHIOPIA

COUNTRY : INDIA

EMAIL : miriampally@gmail.com

TELE PHONE
NUMBER : 00251926634911

DOMAIN OF RESEARCH   : 1) OPTICAL COMMUNICATION
                            2) MICROWAVE ENGINEERING
                            3) SATELLITE COMMUNICATION

Dr. VENKATA RAGAHAVENDRA MIRIAMPALLY
Mobile: 0251-926634911 (Ethiopia)
Email: miriampally@gmail.com

CAREER OBJECTIVE:

To obtain a long-term career with an organization, which has a strong background that provides good opportunity for enhancement of professional and personal status.

EDUCATIONAL QUALIFICATIONS:

❖ PhD in Electronics & Communication Engineering from Singhania University, Rajasthan in April 2011.

❖ M Tech (ECE) from Andhra University College of Engineering, Visakhapatnam in 2005 with 75%.

❖ M.Sc (Electronics) from Nagarjuna University, Guntur in 2001 with 71%.

❖ B.Sc (Electronics) from Nagarjuna University, Guntur in 1999 with 69 %.

❖ Intermediate from Ideal Jr College, Dilshuknagar, Hyderabad in 1996 with 64%.

❖ SSC from Eton Temple High School, Hyderabad in 1994 with 69%.

MEMBERSHIPS / AWARDS

1. Life Membership in **ISTE** (The Indian Society for Technical Education) **LM 67780**

2. Life Membership in **ISOI** (Instrument Society of India) organized by IISC Bangalore **LM No: 1852**

3. **MIAENG (**Member- International Association of Engineers**) with Membership No: 111140.**

4. **MIACSIT**(Member – International Association of Computer Science & information Technology**) with Membership No: 80341540**

5. **MAIRCC** (Academy & Industry Research Collaboration Center) with **Membership No:128695**

6. **MSCIEI** (The science and engineering institute) **with Membership No**: 20130520001 (www.sciei.org); China.

7. The Society of Digital Information and Wireless Communications with **Membership No**: **1356**

8. **SMUACEE** (Senior Member Universal Association of Computers & Electronics Engineers) with Membership Number **SNM1004141.**

9. **MMEACSE** (Member of Middle East Association of Computer Science & Engineering) with Membership Number **MEACSE#1066.**

10. **IRED** (Institute of Research Engineers and Doctors) as Senior Member with membership ID - **SNM1004141.**

11. **MISMTE**-International Society of Managing & Technical Editors.

12. **MCSTA-**Computer Science Teaching Association with Membership Number 1493847.

13. **MSSF**-Security and Sustainability Forum.

14. **MWASET**-World Academy of Science, Engineering and Technology

15. **MESR**- Member of Engineering and Scientific Research Group. (http://www.esrgroups.org/fr/showuser.php?_id=3125)
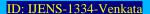
WORK EXPERIENCE:

- Worked as an Assistant Professor in **ECE** Department at **Chirala Engineering College**, Chirala from October 2001 to June 2003.

- July 2003 to June 2005 pursued M.Tech **(Radar & Microwave)** at **Andhra University** under lien and worked as Teaching Assistant in the University.

- From January 2005 to July 2006 worked as Assistant professor in **ECE** department at **Chirala Engineering College.**

- Along with academic work I discharged duties as **Officer in charge of exams** for about three years

- From August 2006 to June 2010 worked as **Vice Principal** & **Assoc Professor** in **ECE** Department at **St.Mary's College of Engineering & Technology.** I have prepared & organized documents related to NBA Accreditation, JNTU & AICTE inspections.

- From June 2010 to March 2012 worked as **Vice Principal & Assoc. Professor** in **ECE** Department at **Swathi Institute of Technology & Sciences.** I have prepared & organized documents of OU & AICTE inspections.

- From April 2012 to till date working as **Assoc. Professor** in **Electrical & Computer Engineering Department** at **Adama Science & Technology University**, Nazareth, Ethiopia.

SUBJECTS TAUGHT:
B.Tech

II yr B.Tech 1st Sem   Electronic Devices & Circuits
                              Switching Theory & Logic Design

II yr B.Tech 2nd Sem	Pulse & Digital Circuits
	Electromagnetic Waves & Transmission Lines
III yr B.Tech 1st Sem	Antennas & Wave Propagation
III yr B.Tech 2nd Sem	Microprocessor and interfacing
	Microwave Engineering
IV yr B.Tech 1st Sem	Optical Fiber Communication
	Switching & Intelligent Networks
IV yr B.Tech 2nd Sem	Cellular And Mobile Communication,
	Embedded Systems

M.Tech

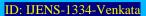|	
I yr M.Tech 1st Sem	Embedded system concepts (Embedded Systems)
	Microwave Devices & Networks
I yr M.Tech 2nd Sem	Embedded systems (Computer Science & Engineering)
II yr M.Tech 1st Sem	Satellite Communication.

PAPERS PRESENTED:

- *Presented* a Paper in **International Conference on Systemics Cybernetics & informatics ICSCI-2010** with Title "**Performance Evaluation of Estimation Error in Optical Fiber Communication at Multi- Rate Services**". The same was *published* in Conference Proceedings.

- *Presented* a Paper in National Conference **on Informative & Innovative Technologies NCIIT 10** with Title "**Performance Improvement of SOI over Bulk CMOS".**

- *Presented* a Paper in **National Conference on Microwave & Optical Communication NCMOC 2010** with Title "**Estimation of Optical Link Length For Multi Haul Applications".** The same paper is accepted in International Conference (Latest Trends in Information Technology) Greece & has been published in Conference Proceedings.

PAPERS PUBLISHED:

1. A Paper titled **Estimation of Optical Link Length for Multi Haul Applications** has been published in **International Journal of Engineering Science and Technology (IJEST)** in June - 2010 Issue.

2. A Paper titled **A Novel Approach of Artificial Intelligence in Cognitive Radio Communication** has been published in **International Journal of Artificial Intelligence and Computational Research (IJAICR)** in July-Dec 2010 Issue**.**

3. A Paper titled **A Novel Approach for Optimized Dispersion in Optical Fiber Communication** has been published in **International Journal of Research and Reviews in Applied Sciences (IJRRAS)** in August – 2010 Issue**.**

4. A Paper titled **Secured group Communication in Adhoc Networks for Sensitive Applications** has been published in **International Journal of Electronics Engineering Research (IJEER)** in July-Dec 2010 Issue.

5. A Paper titled **Driver Circuit Implementation for Source in Optical Communication - A Review** has been published in **Indian Journal of Science & Technology in (Ind JST)** July 2010 Issue**.**

6. A Paper titled **Low Diversity Coding Scheme for Minimum attenuation in Optical Fiber Communication** has been published in **International Journal of Electrical Systems & Control (IJESC)** in July- Dec 2010 Issue**.**

7. A Paper titled **Fiber Optics Based Parallel Computer Architecture** has been published in **International Journal of Scientific and Engineering Research (IJSER)** in Nov - 2010 Issue**.**

8. A Paper titled **Direct Detection Coded OFDM in Fiber-Optic Communication Systems** has been published in **International Journal of Advances in Science and Technology (IJAST)** in Oct - 2010 Issue**.**

9. A Paper titled **Optical Wireless Communication Link Design** has been published in **International Journal of Computer Science & Technology (IJCST)** in Dec - 2010 Issue**.**

10. A Paper titled **A Data Mining Approach for Cluster Based Classification for Fuzzy c-means Algorithms** has been published in **International Journal of Advances in Science and Technology (IJAST)** in Sept - 2010 Issue**.**

11. A Paper titled **Future Optical Networks a Review** has been published in **Indian Journal of Engineering (IJE)** in Nov - 2012 Issue**.**

12. A Paper titled **Determination of Number of channels in Multiple Access Techniques for Wireless Communications** has been published in **Indian Journal of Engineering (IJE)** in Nov - 2012 Issue**.**

13. A Paper titled **Simulation of PCI Express™ Transaction layer using Hardware description language** has been published in **Indian Journal of Engineering (IJE)** in Nov - 2012 Issue**.**

14. A Paper titled **Direct Detection Coded OFDM in Fiber-Optic Communication Systems** has been published in **International Journal of Computer Communications and Control** in Dec - 2012 Issue**.**

15. A Paper titled **Advanced Receiver Architectures in Radio – Frequency Applications** has been published in **Global Journal of Researches in Engineering Electrical and Electronics Engineering in** Volume 13 Issue 8 Version 1.0,2013**.**

16. A Paper titled **Digital Video Broadcasting Via Satellite (DVB-S)** has been published in **Computing, Information Systems & Development Informatics Vol. 4 No. 1 March, 2013.**

17. A Paper titled **Radiation Analysis and Design of Pyramidal Horn Antenna** has been published in **International Journal of Engineering Research & Technology (IJERT)** in Vol. 2 Issue 10, October – 2013.

18. A Paper titled **Advanced Receiver Architectures in Radio – Frequency Applications** has been published in **Computing, Information Systems & Development Informatics in Vol. 4 No. 1 March, 2013.**

19. A Paper titled **A View of Glucose Detector, Oxygen Sensor and Blood Pressure Sensor in Bio Chips** has been published in **International Journal of Research in Engineering & Applied Sciences in Volume 3, Issue 9 (September 2013).**

20. A Paper titled **Maximum Data Rate Determination of a Telephone Transmission Channel** has been published in **International Journal of Science Engineering and Advance Technology, (IJSEAT)**, Vol 1, Issue 6, November - 2013

EDITORIAL BOARD MEMBERSHIP

- Honorary Editor -in - Chief for the journal Research & Reviews Journal of Engineering & Technology (http://www.rroij.com/jet/index.php/jet/)

Member of Editorial Board for the following International Journals

1. Integrated Publishing Association - I Publishing.
2. International Journal of Computer Science & Technology – IJCST.
3. International Journal of Electronics & Communication Technology- IJECT.
4. International Journal of Advanced Computer Science and Applications – IJACSA.
5. International Journal of Scientific and Engineering Research – IJSER.
6. International Association of Science & Engineering Congress – SCICON.
7. Research Journal of Applied Sciences, Engineering and Technology- RJASET. (http://www.maxwellsci.com/jp/editor.php?jid=RJASET)
8. International Journal of Computer Trends and Technology – IJCTT.
9. International Journal of Emerging Technology and Advanced Engineering-IJETAE.
10. International Journal of Computer & Information Technology-IJCIT.
11. The Computing Science and Technology International Journal –CSTIJ. (http://www.researchpub.org/journal/cstij/editorial%20board.html)
12. International Research Journal of Engineering Science, Technology and Innovation-IRJESTI.
13. Scientific Journals International –SJI.
14. International Journal of Science and Engineering Applications – IJSEA.
15. Indian Journal of Engineering- IJE (http://www.discovery.org.in/ije/Editorial.htm)
16. International Journal of Advances in Engineering & Technology- IJAET.
17. International Journal of Computer Engineering Science- IJCES.
18. International journal of VLSI design & Communication Systems –VLSICS. (http://airccse.org/journal/vlsi/board.html)

19. Advances in Networks &   Communications. (http://www.humanpub.org/anc/home/editorial.html)
20. International Journal of Innovative Technology and Creative Engineering –IJITCE.
21. International Journal of Electronics & Communication Engineering –IJECE. (http://www.iaset.us/journals.php?jtype=2&id=16&details=editors)
22. International Research Journal of Computer Science Engineering and Applications-IRJCSEA.
23. International journal of Electronics Communication & Computer Technology – IJECCT.
24. International Journal of Computer Technology and Electronics Engineering – IJCTEE.
25. International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engineering- IJAREEIE.
26. International Journal of Electronics and Computer Science Engineering – IJECSE.
27. International Journal of Advances in Electrical & Electronics Engineering – IJAEEE. (http://www.ijaeee.com/editorialboard.php)
28. International Journal of Advances in Engineering Science & Technology - IJAEST. (http://www.ijaestonline.com/index.html)
29. International Journal of Advanced Research in Computer Science and Electronics Engineering – IJARCSEE.
30. International Journal of Electrical Engineering & Technology-IJEET. (http://www.iaeme.com/Ijeet.asp)
31. International Journal of Computer & Electronics Research – IJCER.
32. International Journal of Engineering Associates –IJEA. (http://ijea.jctjournals.com/editorial.html)
33. Journal of Computing Technology- JCT.
34. International Journal of Advanced and Innovative Research – IJAIR
35. Quest Journals of Electronics & Communication Engineering. (http://www.questjournals.org/editorial-board3.html)
36. IOSR Journal of Computer Engineering- IOSR-JOC. (http://iosrjournals.org/iosr-jvlsi/pages/editorial-board.html)
37. International journal of Science, Environment & Technology - IJSET
38. i-Xplore International Research Journals Consortium - IIRJC (http://www.irjcjournals.org/Editorial-board.html)
39. International Journal of Electrical and Electronics Engineering
40. World Science Journal of Applied Research (http://sciencejournal.org/ar/ar-edb.html)
41. International Journal of Engineering and Technology Research (http://acascipub.com/International%20Journal%20of%20Engineering%20and%20Technology%20Research/Editorial%20Board.php)
42. International Journal of Microelectronics and Solid State Electronics
43. Journal of Wireless and Mobile Communications Engineering
44. International Journal of Engineering and Computer Innovations
45. International Journal of Telecommunication Engineering
46. Journal of Optoelectronic Engineering Research
47. International Journal of Engineering Studies Research
48. International Journal of Advanced Computer Science & Information Technology – IJACSIT (http://elvedit.com/journals/IJACSIT/?page_id=32%E2%80%9D)
49. International Journal of Modern Communication Technologies & Research (http://www.erpublication.org/IJMCTR/index.php)
50. IIternational Journal of Engineering & Technical Research (http://www.erpublication.org/IJETR/index1.php?erp=5)
51. Engineering Research Publication (http://www.erpublication.org)

52. International Journal of Computer science Research & Technology- IJCSRT (http://esrsa.in/index.php?option=com_content&view=article&id=27&Itemid=285#)
53. Greener Journal of Science, Engineering and Technology Research. (http://www.gjournals.org)
54. Greener Journal of Internet, Information & Communication Systems. (http://www.gjournals.org)
55. International Journal of Recent developments in Engineering & Technology- IJRDET (http://www.ijrdet.com/editorial.php)
56. International Journal of Engineering Research & Technology-IJERT.
57. International Journal of Science and Engineering Applications (IJSEA) editorial board (www.ijsea.com)
58. International Journal of Advanced Research in Engineering and Applications (IJAREA) (http://ijcat.wordpress.com/2013/04/14/international-journal-of-advanced-research-in-engineering-and-applications-ijarea/)
59. Swiss Journal Publications (http://swissjournals.org/mission/)
60. World Science Journal of Engineering Applications Editorial Board (http://sciencejournal.org/ea/ea-edb.html)
61. Journal of Pure and Applied Science and Technology ((ISSN : 2231-4202 Print & 2249-9970 Online)
62. Engineering Research Publications (www.erpublication.org)
63. International Journal of Science & Advanced Technology – IJSAT (http://www.ijsat.com/editorial_board.php)
64. Innovative System Design & Engineering-ISDE (http://www.iiste.org/Journals/index.php/ISDE/pages/view/EditorialBoard).
65. Journal of Information Engineering & Applications. –IJEA (http://www.iiste.org/Journals/index.php/JIEA/pages/view/EditorialBoard).
66. International Journal of Innovations in Engineering and Technology –IJIET (http://ijiet.com/editorial-board-2/).
67. Euro Asia Research and Publishing House (http://www.euroasiapub.org/editorial_board.html).
68. The Standard International Journals (http://www.thesij.com/editor_board.php).
69. International Journal of Research Review in Engineering Science & Technology (http://ijrrest.org/about/?page_id=2).
70. International Journal of Computer & Electronics Research – IJECR (http://ijcer.org/index.php/ojs/about/editorialTeam).
71. International Journal of Innovative Research in Science, Engineering & Technology.-IJIRSET (http://www.ijirset.com/about-us/editorial-board.html).
72. International Journal of Engineering & Technology Research, (http://www.iaster.com/journaldetail.php?Name=IJETR)
73. International Journal of Research in Electrical & Electronics Engineering (http://www.iaster.com/journaldetail.php?Name=IJREEE)
74. International Journal of Research Electronics & Communication Technology (http://www.iaster.com/journaldetail.php?Name=IJRECT)
75. Machine Learning and Applications: An International Journal (MLAIJ) (http://airccse.org/journal/mlaij/index.html)
76. Science Publications (http://www.sciencepublication.org/index.php?page=boardmember)

77. International Institute of Engineers-IIE (Scientific Board of Computer, Electrical & Electronic Engineers) (http://www.iieng.org/editorial_board.php?cid=3)
78. International Journal of Pure and Applied Research in Engineering and technology (IJPRET)
79. International Journal of Scientific Engineering and Technology (IJSET) (www.ijset.com)
80. IRNet Transactions of Electrical and Electronics Engineering (EEE)
81. Graduate Research in Engineering & Technology (GRET)
82. Undergraduate Research Journal (URAJ)
83. IJRASET (www.ijraset.com)
84. International Journal of Technology and Research http://www.techpublications.org/index.php/IJTNR/about/editorialTeam
85. Tran stellar Journal Publications- International Journal of Electronics communication & Instrumentation Engineering Research and Development (IJECIERD) (http://www.tjprc.org/journals.php?year=2013&jtype=2&id=16&details=editors)
86. International Journal of Science & Engineering (IJSE) http://ejournal.undip.ac.id/index.php/ijse/about/editorialTeam
87. International Journal of Applied Engineering and Technology Journal (www.cibtech.org/jet.htm)
88. International Journal of Current Engineering and Technology (http://inpressco.com/editorial-ijcet/)
89. International Journal of Electronics,Communication and Soft Computing Science and Engineering (http://www.ijecscse.org/?page_id=2)

BOOKS REVIEWED:

- Reviewed a Script on "**Antenna & Wave Propagation**" Published by *Tata McGraw Hill Education Private Ltd* (2008).

- Reviewed a Script on "**Global Satellite Navigation System"** Published by *Tata McGraw Hill Education Private Ltd* (2009).

- Reviewed a Script on "**Electromagnetic Fields & Waves**" Published by *Elsevier Publishers* (2010).

- Reviewed a book on "**Wireless Communication"** by Singhal Published by *Tata McGraw Hill Education Private Ltd* (2011).

BOOKS PUBLISHED:

A book entitled **"Evaluation of Low diversity Coding Schemes in Optical Communication"** published by Lap Lambert Publishers in 2011 with **ISBN:** 978-3-8454-0540-7.
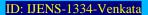
CONFERENCES / WORKSHOPS ATTENDED:

- National Workshop on **Microwave Applications in R & D** at Nizam Institute of Engineering & Technology 26th February 2010.

- Workshop on **Cellular Communication** at MVSR Engineering College January 3rd 2009.
- **National Symposium on Instrumentation** (NSI-33) conducted at Andhra University December 8th to 10th 2008.
- Workshop on **Microwaves** conducted at Osmania University by **IEEE TENCON 2008** on November 18th 2008.
- Workshop on **ISO 9001-2000** at St. Mary's College Campus In October 2008.
- Workshop on **EMBEDDED SYSTEMS** conducted by Osmania University & UTL Technologies 27th to 29th September 2007.
- Conference on **MATLAB & SIMULINK** Conducted MATH WORKS & CRANES SOFTWARE Ltd August 2007.

CONFERENCES CONDUCTED / ORGANISED:

- Organized state level paper presentation in Electronics and Communication Engineering at St. Mary's College Of Engineering and Technology named **ILLUMINATY** in September 2008.
- International Advisory board member for the **International Conference on Advancement in Electronics & Communication Engineering** (ICAECE-2013), 22 and 23rd March 2013, Ghaziabad, India.
- International Program Committee member for **International Conference on Machines and Control System Designs** (http://icmcsd-13.com/index.php?var=7) November 7 to 9, 2013 Jughourta Palace Hotel, Gafsa-TUNISIA
- Organizing committee member for the **2013 International Conference on Wireless Communications and Networking** (ICWCN) ,held Friday through Sunday, August, 2013, in Lushan, China.
- Technical Program Committee member for **International Conference on Information Technology and Applications** (ITA2013), held in November 16th & 17th Chengdu, China. (http://www.ita2013.org/?op=committees)
- Technical Program committee member for the "**2013 International conference on Computer Science & Applications**", Dec 14th and 15th 2013 in Wuhan, China. (http://www.csa2013.org/?op=committees)
- Program committee member for **4th International conference on computer Science & Information Technology**, February 21-22 2014, Sydney Australia. (http://airccj.org/2013/ccsit14/program.html).
- International Scientific Committee member of **2014 International Conference on Artificial Intelligence & Software Engineering (AISE2014)** January 11,12-2014,Phuket, Thailand. (http://www.aise2014.org/committee.html).
- International Scientific Committee member of **2014 International Conference on Global Economy Commerce & Service Science (GECSS2014)** January 11,12-2014,Phuket, Thailand. (http://www.gecss.org/?op=committee).
- Technical Program committee member for the **International Conference in Software Engineering & Information Technology** (SEIT 2014), Jan 3rd, 4th and 5th 2014 in Beijing, China.
- Program Committee member of **2014 International Conference on Modern Automation Theory And Applications** (MATA 2014) at Guangzhou, China.

- Technical Program Committee member of **2014 International Conference on Environmental Protection and sustainable Management Ecological Development** (EPSED2014) at Chengchow, China.

TECHNICAL KNOWLEDGE:

Languages	:	C
Operating Systems	:	Windows

PERSONAL PROFILE:

Date of Birth	:	16th October 1979
Sex	:	Male
Marital Status	:	Married
Mother Tongue	:	Telugu
Languages known	:	English, Hindi
Address for Correspondence	:	Flat No: 207, S S Heavens Apartments, Prasanthnagar, Vanasthalipuram, Hyderabad-500070 Andhra Pradesh.
Mobile	:	00251926634911
Email	:	miriampally@gmail.com, miriampally@yahoo.com, miriampally@rediffmail.com

The information given above is true to the best of my knowledge & belief.

DATE:

PLACE:

[**Dr. Venkata Raghavendra Miriampally**]