

P Venkata Krishna

B. Tech., M. Tech., Ph.D

Professor

Department of Computer Science
Sri Padmavati Mahila Visvavidyalayam,
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Title :

- **Professor**, Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam, Tirupati (2015-to date)
- **Professor**, School of Computer Science and Engineering, VIT University, Vellore (2010-2015)
- **Asst.Professor/Asso. Professor**, School of Computer Science and Engineering, VIT University, Vellore (2000-2010)

Research Publications/Books : International : **175**; National: **30**

Seminars/ Conferences :

Attended : International : **75**; National; **100**

Participated : International : **50**; National; **30**

Organized : International : **15**; National; **15**

Research Projects : International : **01**; National : **02**

Ph.D/ MPhils/Post Docs Guided : 22 + 01 + 00 = 23

Editorial Board Member/Reviewer : International/ National Journals: **25**

Titles of Three (3) Best Publications (Last 5 Years) :

1. Krishna, P. V., Saritha, V., & Obaidat, M. S. (2020). E2CA-SM: an energy-efficient channel allocation with sleep mode for base station in fifth-generation-based cellular network systems. IET Networks, 9(2), 74-82
2. Misra, S., Krishna, P. V., Saritha, V., Agarwal, H., Vasilakos, A. V., & Obaidat, M. S. (2017). Learning automata-based fault-tolerant system for dynamic autonomous unmanned vehicular networks. IEEE Systems Journal, 11(4), 2929-2938. **[2018 IEEE Systems Journal Best paper Award]**
3. P. Venkata Krishna, Sudip Misra, Mohhamed S. Obaidat and V. Saritha, "Virtual Backoff Algorithm: An Enhancement to 802.11 Medium Access Control to Improve the Performance of Wireless Networks", IEEE Trans. on Vehicular Technology (VTS), Vol. 59, No. 3, pp 1068- 1075, 2010

Special Distinctions/Awards/ Honours (State/National/International only):

- 2018 IEEE Systems Society Best Research Paper Award [Cash Award]
- Recipient of Cognizant (CTS) Best Faculty Award, 2010 [Gold Medal]
- 2014 Best Researcher Award from VIT, Vellore
- Editor-in-Chief, Int. J. of Smart Grid and Green Communications, Inderscience, UK
- Editor, IEEE Access
- Editor, Int. J. of Security and Privacy, Wiley
- Editor, Int. J. of Communication Systems, Wiley

Administrative Positions:

Director (Command Control Centre and University Rankings)	S.P.Mahila Visvavidyalayam, Tirupati	2017- till date
BoS Chairman (Computer Science)	S.P.Mahila Visvavidyalayam, Tirupati	2019-2021
BoS Chairman (Computer Science and Engineering)	S.P.Mahila Visvavidyalayam, Tirupati	2017-till date
Head of Computer Science	S.P.Mahila Visvavidyalayam, Tirupati	2016-2018
Head (i/c) of Computer Science and Engineering	S.P.Mahila Visvavidyalayam, Tirupati	2015-2017
Director Computer Centre	S.P.Mahila Visvavidyalayam, Tirupati	2016-2018
Member Central Purchase Committee	S.P.Mahila Visvavidyalayam, Tirupati	2017-2019
Nodal Officer, AEBAS (Biometric attendance)	S.P.Mahila Visvavidyalayam, Tirupati	2017-till date
Member, Centre for Translational Research	S.P.Mahila Visvavidyalayam, Tirupati	2018-till date

Professional/ Academic/ Administrative Recognitions:

- Member and Co-ordinator for NAAC Peer Team visits
- Biography is listed in Marquis who's who in the world 2009-2010 edition.
- Biography is selected in Marquis who's who in Science and Engineering 2010-2011 edition
- Listed in International Biographical Centre, Cambridge, England as TOP 100 ENGINEERS 2010
- Publication Chair, International Conference on Future Generation Communication Technologies (FGCT 2012), December 12-14, 2012, British Computer Society, London, UK
- Member of Editorial Board, The Scientific World Journal, Hindawi Publishing Corporation
- EB member, The Journal of Future Game Technology, <http://www.jfgt.org/home>
- Publicity Chair, ICIF 2013, **International Conference on Intelligence Fusion (ICIF 2013), Jeju Korea, June 27-29, 2013** <http://icif2013.org/>
- Publicity Chair, ICIIST 2014, **The 2nd International Conference on Intelligent Information System and Technology, Tsingdao, China 26th June 2014 - 28th June 2014,** <http://www.iciist2014.org/>
- TPC member., 2020 International Conference on Communications, Computing, Cybersecurity and Informatics (CCCI 2020), University of Sharjah, UAE, November 16-18, 2020., <http://www.iciist2014.org/>

Areas of Teaching / Research Expertise / Research Field:

Internet of Things (IoT), Big Data, Wireless Networks, QoS, Machine Learning, Block Chain Technology