Prof. K. Usha Rani
M.Sc., B.Ed., MCA, Ph.D
Professor
Department of Computer Science
Sri Padmavati Mahila Visvavidyalayam
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Work Experience :

- **Professor**, Dept. of Computer Science, Sri Padmavati Mahila Visvavidyalayam,Tirupati (2012-to date)

- **Associate Professor**, Dept. of Computer Science, SPMVV, Tirupati (2009-2012)

- **Professor & Director**, Dept. of Computer Science, SVEC, Tirupati (2007-2009) (on Lien)

- **Associate Professor**, Dept. of Computer Science, SPMVV, Tirupati (2006-2007)

- **Assistant Professor**, Dept. of Computer Science, SPMVV (1994-2006)

Research Publications/Books : International : **83+2** National : **13**
Seminars/ Conferences Attended : International : 10 National; **14**
Ph.D/ MPhils/Post Docs Guided : 7 +1+0 = **8**
Editorial Board Member/Reviewer : International/ National Journals : **04**
Seminars/Conferences organized : International : **03** National : **05**

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

- A Comprehensive Hybrid Ensemble Method with Feature Selection Techniques, G. Sujatha, **K. Usha Rani,** Advances in Computational and Bio-Engineering, Learning and Analytics in Intelligent Systems, Vol.15, Springer, Cham., S. Jyothi et al. (eds.), Pages 85-97, July, 2020 ISSN 2662-3447 ISSN 2662- 3455 (electronic) https://doi.org/10.1007/978-3-030-46939-9_8

- Performance Evaluation of Spark SQL for Batch Processing, Anusha K., **Usha Rani K**. In: Venkata Krishna P., Obaidat M. (eds) Emerging Research in Data Engineering Systems and Computer Communications. Advances in Intelligent Systems and Computing (AISC, Volume 1054) PP: 145 -153, vol 1054, February, 2020, Springer, Singapore, ISSN: 2194-5357 https://doi.org/10.1007/978-981-15- 0135-7_13

"Advancements in Multi-Layer Perceptron Training to Improve Classification Accuracy", K. Hemalatha, **K. Usha Rani**, Volume 5 Issue 6 , International Journal on Recent and Innovation Trends in Computing and Communication, June 2017, ISSN: 2321-8169, PP: 353 – 357.

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

- National Award - Active SPOC, Jan-Dec 2020, Awarded by NPTEL, IIT Madras.
- National Award - Active SPOC, Jul-Dec 2019, Awarded by NPTEL, IIT Madras.
- International Award – Distinguished Scientist -by Venus International Foundation on 3.08.2019 at Chennai.
- National Award - Active SPOC, Jan-Apr 2019, Awarded by NPTEL, IIT Madras.
- State Teacher Award, September 5th, 2018 by Dept. of Higher Education, Government of Andhra Pradesh.
- Assessor, NAAC, Bangalore since 2018.
- Bio-data placed in Asia Pacific Who's Who, Volume Sixteen, Rifacimento International, 2018.
- Best paper award, International Conference ICCCPE-2018, CMRIT, Hyderabad, 24-25 January, 2018
- Best NSS Unit Award for the year 2006-07 for the unit under my guidance as NSS Programme Officer, S.P. Mahila University, Tirupati.
- National Merit Scholarship for securing high position in SSC in the year 1981, Ministry of Education and Culture, Government of India.

Administrative Positions:

- BOS Chairperson, Dept. of Computer Science, SPMVV for two years since 11.02.2017
- Warden, SPMVV Hostels from 16.04.2016 to 30.06.2017.
- Convener, Anti-ragging Cell for the year 2016-2017.
- Head, Dept. of Computer Science from 09.07.2014 to 13.07.2016
- Placement Officer from 15.11.2012 to 17.12.2014.
- Convener, Technical Committee to verify & certify the configuration of computers and related items purchased to the Library from 18.7 2011 to one year.
- Director, University Computer Center from 01.07.2010 to 14.11.2012.
- Convener of   the Advisory Committee constituted to develop software required for departments/ sections of the SPMVV from 9.7.2010 to 14.12.2012.

Professional/ Academic/ Administrative Recognitions:

- Member, Central Purchase Committee, SSIIE-WBIF, SPMVV since 10.01.2020
- Deputy Director, Internal Quality Assurance Cell, SPMVV since 14.03.2020
- Member, Central Purchase Committee, SPMVV since 04.10.2019.
- Member, Implementation Committee, CURIE-AI, SPMVV since 03.08.2019
- Member, Internal Quality Assurance Cell, SPMVV from 20.3.2019 to 13.03.2020.
- Coordinator, SPMVV, SWAYAM - UGC, since 19.03.2019.
- Member, International Desk of International Relations Office since 20.2.2019.
- President, Alumni Association, SPMVV since June, 2018.
- Member, Advisory Committee for the University Library for a period of two years from 07.08.2018.
- Member, Technical Committee for processing the requests received from the departments/individuals regarding purchase of Computers and other related accessories for a period of one year from 28.02.2018.
- Honorary Advisor, Advisory Committee, University hostels since 26.08.2017.
- Member, Procurement Committee for SSIIE-TBI to finalize quotations, tenders and e-tenders floated for procurement of equipment and consumables from 12.01.2018.
- Member, Technical Committee, Engineering College from November, 2017.
- Member, Board of Studies, MCA, Chadalawada Ramanamma Engineering College, Tirupati for two years from 08.06.2017.
- Member, Committee for verification of Equipment & Furniture etc., purchased in the Administrative Building for two years from 07.09.2016.
- Member, Board of Studies in Computer Science, SK University for four years from 07.06.2016.
- Member, Monitoring Cell of Anti-Ragging for the year 2016-2017.
- Convener, Anti-ragging Cell for the year 2016-2017.
- Member, Anti-Ragging Committee for the year 2015-2016.
- Member in the committee of CURIE Project from 15.11.2010
- Member of the Technical Committee for inspection of condemned articles of the University 2010- 2011.
- Member, Anti-Ragging Cell for the year 2010-2011.
- NSS Programme Officer for 3 years from 27.05.2004.
- Life Member : Indian Science Congress, ISTE, CSI.

(K. USHA RANI)