

# ***CURRICULUM VITAE***

***Dr. K.Venkatesh Ph.D***

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## ***Academic Qualifications***

- Ph.D in Theoretical physics University of Mysore. 1980.
- M.Sc.in Physics Mysore University, 1973.
- B.Sc. ( PMC) 1971.
- M.S. ( Soft Ware Systems) BITS, Pilani. 2001.

## ***Experience***

- 35 years of experience in Teaching and Research

### ***Academic:***

- Professor & Head, Department of Physics, RR Institute of Technology, Bangalore, 3<sup>rd</sup> September 2012 onwards
- Professor & Head, Department of Physics, MSR Institute of Technology, Bangalore, APRIL 1999 TO JANUARY 2012
- Professor & Head, Department of MCA, MSR Institute of Technology, Bangalore, September 2003 To September 2006
- Lecturer, Kingdom of Bahrain, Ministry. November 2001 To July 2003
- Reader, Department of Physics, MSR Institute of Technology, Bangalore, May 1987 To April 1999
- Lecturer, Department of Physics, MSR Institute of Technology, Bangalore, 21<sup>ST</sup> September 1981 To May 1987
- CSIR, India Research Fellowship, 1976 1981. Mysore Univesity

## ***Evaluation and others:***

- BOS Member in Basic Sciences 2013- 2016
- Expert Member Local Inquiry Committee, Visveswaraya Technological University, Belgaum,
- Member, Board of Examination, Visveswaraya Technological University, Belgaum
- Chief Superintendent of VTU Examination.
- Chief Coordinator VTU VALUATION 2006-2007
- Worked in several confidential assignments of examination of VTU, Belgaum

## ***Memberships of Professional Bodies***

- Optical Society of India

## ***Research Publications***

1. P. M. M Shastry and K. Venatesh (2011): A New Optical Chechpoint Restart Model, IJCSIT, Vol.2(5) P. 2025 – 2032.
2. P. M. M. Shastry and K. Venkatesh (2011): Performance Evaluation of Coordinated Chekpointing Protocol using MPI Point to Point And Collective Communication, Int. JI of Adv.comp. and comm 3(1) p12-p18,..
3. P. M. M. Shastry and K. Venkatesh (2010): Analysis of Dependencies of Chekpoint Cost and Checkpoint Interval of Fault Tolerant MPI Applications, Int. JI of. Comp. Sc and Engg, 2(8) p2690-2697.
4. P. M. M Shastry and K. Venkatesh (2010): Selection of a Checkpoint Interval in Coordinated Checkpointing Protocol for Fault Tolerant Open MPI, Int,JI of comp.Sc and Engg, 2(6) p2064 2070.

5. N. Ganesh, K. Venkatesh , M. A. Rama and A malathi PALani, (2010): Application of Neural Networks in Diagonising Cancer Disease Using Demographic Data, Int. JI of comp. Sc and Appls, p81- p97 Vol.1, No 6.
6. Jagannatha, S and Venkatesh, K (2005): Analysis of throughput for internet data centres using Markov chain model (Paper presented at NCCMEA, RVCE College, Bangalore, July 2005), P.139-147 (**\*\*\* This paper bagged the Best Paper Award in NCCMEA 2005**).
7. Venkatesh, K and Jagannatha, S (2004): A web database implementation using ASP method (Paper Presented at NCDC, Nitte, March 2004) P. 19-24.
8. Venkatesh, K and Narendra,R (1991): Propogation constants of TE and TM models in step index optical fibres (In: 19<sup>th</sup> OSI Symposium, Lucknow, India, March 1991).
9. Ramachandran, G; Keshavamurthy and Venkatesh, K (1981):  $He^3 (\gamma, \Pi) He^3$  as the nuclear probe, Pramana 17, P.337 – 352.
10. Venkatesh, K(1980): A note on the symmetries of the 3j and 6j coefficients – II, J.Math.Phys., Vol 21, P. 1555-1561.
11. Venkatesh, K(1980): A note on the symmetries of the 3j and 6j coefficients – I, J.Math.Phys., Vol 21, P.622-629.
12. Venkatesh, K(1978): Symmetries of the 3j coefficient, J.Math.Phys., Vol 19, P.2060-63.
13. Venkatesh, K(1978): Symmetries of the 6j coefficient, J.Math.Phys., Vol 19, P.1973-74.
14. Srinivasa Rao, K; Venkatesh, K (1978): New fortran programs for angular momentum, coefficients, Computer Physics Communication, Vol 15, P.227-235.
15. Srinivasa Rao, K; Venkatesh, K(1977): Representation of the Racah coefficient as a generalized hypergeometric function (In: Proceedings of V International Colloquium on Group Theoretical Methods in Physics), New York : Academic Press, P. 649-656.
16. Srinivasa Rao, K; Venkatesh, K and Raghavan, S S (1976): Note on coherent neural pion photoproduction from deuteron, Prog.Theoretical Physics., 19, 55, P.1838-43.
17. Srinivasa Rao, K; Santhanam, T S and Venkatesh, K(1975): On the symmetries of the Racah coefficient, J. Math.Phy., Vol16, P.1528-30.