

Date:.06/10/2015

CURRICULUM – VITAE

Name: PAWAN KUMAR TIWARI

Personal Information:

Date of Birth: 06/04/1983
Citizenship: INDIAN
Present Position: ASSISTANT PROFESSOR (ADHOC)
Official Address: Department of Mathematics, Swami Shraddhanand College, Delhi University.

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Date of Appointment in the College: 17/09/2015

Total Teaching Experience: 2 months

Native Place: VINOVAPURI, J.K. COLONY, SULTANPUR-UTTARPRADESH, PIN-228001.

Education:

- Graduation in Science [70%] (2003), KNIPSS Sultanpur (College of Dr. R. M. L. Avadh University, Faizabad).
- Post-Graduation in Mathematics [80%] (2005) Department of Mathematics, Faculty of Science, Banaras Hindu University, Varanasi.
- M. Tech [7.92/9.0] (2008-2010) in “*Computer Science and Technology*” from School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi-110067. Topic of Dissertation : Optimizing QoS Parameters in Computational Grid using ACO
- Ph. D. (22-07-2010 to 20-07-2015) entitled “*Design and Analysis of Some*

Improved Evolution Inspired Computation Techniques” under the supervision of Prof D. P. Vidyarthi, School of Computer and Systems Sciences, Jawaharlal Nehru University, New Delhi-110067.

Fellowship and Awards: (including convener/co-convener/member organizing committees etc for International and national conferences/workshops/seminars)

- Worked as an Election-Commissioner in Kaveri Hostel presidential elections for the year 2010 and 2013.
- Worked as a Councillor in School of Computer & Systems Sciences in 2012.
- Organized lectures by the faculties of School of Computer and Systems Sciences, JNU, in their respective areas, February 19/2013 to April 24/2013.
- Organized lectures by the faculties of Department of Mathematics, Faculty of Science, BHU, Varanasi, India, in their respective areas, 2007.
- Appointed as an Assistant Professor for a period of one year in Mathematics in the Department of Mathematics, Faculty of Science, Dayalbagh Educational Institute (Deemed University) Dayalbagh Agra, India, July 15. 2011.

International /National Positions and/or Awards/ Fellowships

- Qualified Joint CSIR-UGC NET-JRF in June, 2009 in Mathematics.
- Got SRF from 2011-2014 from UGC.

List of Students Awarded Ph.D./M/Phil.: NA

List of Students Pursuing Ph.D./M.Phil. : NA

List if Students guided for /M.Tech./B.Tech/B.Sc./M.Sc./B.A./M.A. Projects etc. . NA

List of students guided for Summer projects: NA

List of Students guided for Innovation Projects: NA

REVIEWER INTERNATIONAL/National JOURNALS: NA

Member International/National Journal editorial Board etc. NA

Research Projects/ Innovation Projects Undertaken : NA

(i) Completed

(ii) Ongoing

Research Interest: Nature Inspired Computational Techniques, Topology, Fuzzy Mathematics.

**Computer Literacy: (Softwares etc. used /working knowledge)
M.Tech. in Computer Science & Technology.**

Contribution in International Conferences/Seminars/Workshops :

- International Conference on Methods and Model In Computer Science (ICM2CS-09), School of Computer & Systems Sciences, JNU, New Delhi, December 14-15, 2009.
- International Conference of Women Mathematicians (ICWM-2010), University of Hyderabad , August 17-18, 2010
- International Conference on Methods and Model In Computer Science (ICM2CS--2010), School of Computer & Systems Sciences, JNU, New Delhi, December 13-14, 2010.
- 2011 International Journal Conference on Engineering and Technology (CET 2011), July 16-17, Kota Kinabalu, Malaysia.

- International Research Workshop on Cloud Computing RWCC-2014, School of Computer and Systems Sciences, JNU, New Delhi

Contribution in National Conferences Seminars/Workshops :

- Twenty first annual conference of the Mathematical Society, Banaras Hindu University, Varanasi, January 23-24, 2006.
- Twenty second annual conference of the Mathematical Society, Banaras Hindu University, Varanasi, December 15-16, 2006.
- National Conference on Modern Analysis and Allied Areas, Banaras Hindu University, Varanasi, February 23- 24, 2007.
- Twenty third annual conference of the Mathematical Society, Banaras Hindu University, Varanasi, December 29-30, 2007.
- National Conference on Generalized Measures and Integration, New Arts, Commerce and Science College, Ahmednagar, February, 08-10, 2008.
- National Conference on Artificial Intelligence and Agents: Theory & Applications, Department of Computer Engineering, Institute of Technology, BHU, Varanasi, December 9-11, 2011.
- Instructional Workshop on Wavelet Analysis, Department of Mathematics, Banaras Hindu University, Varanasi, October 22-November -05, 2007.
- Short Training Course on “ LATEX”, Centre for Bio-Informatics, School of Biotechnology, Banaras Hindu University, Varanasi, February, 06-1, 2007.

LIST OF PUBLICATION (with title of the papers/articles, list of authors along with journal title , year of publication, ISSN/ISBN No. and Impact factor) :

- P. K. Tiwari and D. P. Vidyarthi, “Evolutionary Computation and Its Applications: A Survey”, *Information Engineering Letters*, 2(1), 10-17, (2012).
- P. K. Tiwari and D. P. Vidyarthi, “Observing the effect of interprocess communication in auto controlled ant colony optimization-based scheduling on computational grid”. *Concurrency and Computation: Practice and Experience*, 26(1), 241-270, (2014). (Publisher Wiley IF-0.997).
- O. Kaiwartya, S. Kumar, D. K. Lobiyal, P. K. Tiwari, A. H. Abdullah and A. N. Hassan, “*Multiobjective Dynamic Vehicle Routing Problem and Time*

Seed Based Solution Using Particle Swarm Optimization”, Journal of Sensors, (2015) (Publisher Hindawi IF-1.182).

- P. K. Tiwari and A. K. Srivastava, “*Zadeh extension principle: A note. Annals of Fuzzy Mathematics and Informatics*”, 9(1), 37-41, (2014) (Publisher- KYUNG MOON SA).
- P. K. Tiwari and D. P. Vidyarthi, “*Improved Auto Control Ant Colony Optimization using Lazy Ant Approach for Grid Scheduling Problem*”, Communicated in Future Generation Computer Systems (Publisher Elsevier IF-2.786).
- P. K. Tiwari and D. P. Vidyarthi, “*Adaptive Convergence Criteria for Evolutionary Algorithms*”, Communicated in Soft Computing (Publisher Springer-IF-1.271).
- P. K. Tiwari and D. P. Vidyarthi, “*A Rigid Boundary based Distributed Genetic algorithm for Travelling Salesman Problem*”, (to be communicated).
- P. K. Tiwari and D. P. Vidyarthi, “*Gravitational Protozoic Optimization: A New Evolutionary Technique*”, (to be communicated).
- P. K. Tiwari and A. K. Srivastava, “*Compactness of topologies associated with languages*”, (to be communicated).

List of Books/Monographs Published (along with the Publisher’s name and ISBN No. and year of Publication): **NA**

Articles in Edited Books/Conference Proceedings/Book Chapter Published(along with title of the book, publisher and ISBN No and year of publication): **NA**

Journal Proceedings/ Journals Edited (with title of the journal , year of publication etc.): **NA**

Popular articles published / Articles published in newspapers etc. : NA

Professional Association and Membership of Learned Bodies

Life time member of BHU Mathematical Society.

Any Other information: Worked with Prof. Arun K. Srivastava, Department of Mathematics, Faculty of Science, BHU, Varansi in the area of Theoretical computer science, Topology and Fuzziness from September-2005 to July-2008.