Curriculum vitae

Awadhesh Kumar
Assistant Professor (Computer Science)
Mahila Mahavidyalay(MMV), BHU
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Teaching Experience: Involved in teaching (more than nine years) to taught various papers in MCA, M.Sc(CS), B.Tech.(CS),PGDCA,BCA, B.Sc.(CS), B.Ed. (ICT Application) classes at various universities such as University of Allahabad, Central University of South Bihar, Gaya, and Banaras Hindu University(BHU) Varanasi.

Administrative Experience: Worked as a member of Proctorial Board, Warden of Hostel and Member of Anti-Raging Committee at RGSC, BHU

Academic Qualification:
- **D.Phil.** (Submitted) in Computer Science From University of Allahabad(UoA), Allahabad
- **M.Tech. (SE)** From MNNIT, Allahabad
- **M.Sc. (CS)** from University of Allahabad(UoA), Allahabad
- **UGC-NET** Qualified.
- **GATE** Qualified

Area of Specializations: Theory of Computer Science, Network security, Digital Electronics and Systems.

Area of Research Interest: Mobile Ad-hoc Networks, Cryptography and Network Security.

List of Journals Publication:

1. Awadhesh Kumar, R. R. Tewari, "Expansion of Round Key Generations in Advanced Encryption Standard for Secure Communication" published in International Journal of Computational Intelligence Research (IJCIR), June 2017, ISSN: 0974-1259.

2. Awadhesh Kumar, R. R. Tewari "Performance Evaluation and Analysis of Topology Based Routing Protocols in MANET" Published in journal of social vision, June 2017, ISSN: 2349-0519.

3. Awadhesh Kumar, R. R. Tewari, "Symmetric Key Cryptography based Secure AODV Routing in Mobile Adhoc Networks" Published in international journal of Advances in Wireless and Mobile Communications (AWMC), ISSN 0973-6972.

4. Awadhesh Kumar, R. R. Tewari, Shailendra K. Singh" Role of Mobile Element for data collection in WSN: A Survey" Published in National Journal on Computing Trendz Vol.IV,No.1,January 2014 ISSN:2230-9152 page no 65-80.

5. Shailendra K. Singh and Awadhesh Kumar "Survey on Secure group communication (SGC) over wireless network" Published in National Journal on Computing Trendz Vol. IV, No.2 ISSN:2230-9152 page no 49-63.

6. Awadhesh Kumar, R. R.Tewari " Secure Electronic Transaction in E-business" Published in the International journal of Advanced Education and Research, special issue ,Nov 2016,pp. 38-47 ISSN: 2395-1737

Research Paper Published in Conference Proceedings /Book Chapters

1. Awadhesh Kumar , R.R. Tewari "Extended AODV Routing protocol for performance improvement of MANET's" Accepted in Conference Proceeding of International conference on Advances in Computing Control and communication Technology organized by CCE, IPS, University of Allahabad

2. Awadhesh Kumar , R. R. Tewari, R.S. Yadav "Image Compression Technique for Quality Improvement of Compressed Image" Published in Conference proceedings as full papers, Excel India Publisher ISBN 93- 82062- 19-x year 2012 page no. 118-121 .

3. Shailendra K. Singh and Awadhesh Kumar "Challenges and Opportunity in running Scientific Computing Over Cloud Computing Infrastructure " Published in Conference proceedings as full papers, FRDCS- 2012 .

4. Awadhesh Kumar , Shailendra Kumar " Quantum Cryptography : An Approach for Secure Key Distribution in WLAN" Published in Conference proceedings as full papers in National Conference on Impact of Physics on Biological Science organized by ECC, Allahabad with SSBN: 978-81-905712- 9-6

5. Awadhesh Kumar , R.R. Tewari "Cluster Head Selection Algorithms for Mobile Adhoc Networks: A Survey" Published as a Book chapter in the Book of Make in India Turning Dream into reality Published by Bharti Publication New Delhi with ISBN 978-93-85000-59-1.pp. 232 -238 .

6. Awadhesh Kumar, R.R.Tewari, "ICT tools for Educational Management and Administration" published in conference proceeding as full paper in national coference on Education in Digital Era:Concerns and Challages organized by School of Education, CUSB, Gaya in March 24-25,2017

7. Awadhesh Kumar, E-Agriculture-A rising field for Rural Former in India" Published as a Book chapter in the Book titled 'Impact of Organic forming in Sustainable Rural Development through Agriculture' Published by Poddar Publication, Varanasi.

8. Awadhesh Kumar "Performance Evaluation of Higher Education System in India" Published in the Book Titled "Paradigm Shift in Innovative Business Management" Published by Bharti Publication, New Delhi

Conference/Seminar/Workshop/Refreshers Course/Faculty Development Programme etc. Attended:
more than 15
Conference/Seminar/Workshop Organized (as a Member of Committee): 03

Subjects Taught:

UG Level	:	Database Management, Operating Systems, Microprocessors, digital Electronics, Data Structure
PG Level	:	Theory of Computation, Design and Analysis of Algorithm, Graph theory, Real time system, Fault tolerant computing, Formal methods, Discrete Mathematics, Operating Systems, DBMS, Cryptography, etc.