

CURRICULUM – VITAE

GURPREET SINGH CHHABRA

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Objective

Seeking a position to utilize my skills and abilities in the Education stream that offers professional growth while being resourceful, innovative and flexible.

Academic Details

Qualification	Year of Passing	University/Board	Percentage
Ph.D. (CSE)	Pursuing	MATS University, Raipur	
M.Tech. (Comp. Sc. & Engg.)	2012	C.S.V.T.U. Bilai	71.45%
B.E. (Comp. Sc. & Engg.)	2005	G.G.D.U. Bilaspur	78.1%
HSC(12 th)	2001	M.P.Board	74.8%
SSC(10 th)	1999	M.P.Board	68.2%

Experience

(Approx 14 Years)

- Currently working as an Assistant Professor inSSIPMT, Raipur from June 2016.
- Worked as an Assistant Professor in KITE, Raipur (July-09 to June-16) for 7 year.
- Worked as a Lecturer in MMCT, Raipur (January-July 09) for 6 months.
- Worked as a Lecturer in DIMAT, Raipur (July-07 to November-08) for 1.5 year.
- Worked as a Programmer in ITI, Mahasamund (June-05 to June-07) for 2.1 year.

Computer Skills

Languages : Python, Android, Java, C++, C, SQL, PHP
Operating Systems : Windows, Linux, UNIX

Extra-curriculum

- Secure 72% marks in National Programming Aptitude Test (NPAT) on 2017.
- Life Member of the Indian Society for Technical Education (ISTE).
- Worked as a Co-coordinator in Training and Placement cell, Ethical Hacking workshop all organized by department of CSE in KITE.
- Was a coordinator in national conference conducted in KITE.
- Worked as an Exam Superintendent in CSVTU exams and as a Superintendent for CSVTU Exam Digital Evaluation (DVC) at KITE.
- Worked as a Co-Convener in Faculty Development Program (On Entrepreneurship Development Skills)
- Participated in national level cricket and State Level Kabbadi.

Project Details

1. **Title: Clustered tree-based data gathering protocol in WSN (M.Tech.)**

Wireless Sensor Networks are identified as one of the most important technologies of this century. WSN has a large density of sensor nodes deployed in a geographical area. Each of these nodes is equipped with a sensor that can sense the environment. The clustered-tree based data gathering protocol works on two phases. The first phase, maximize the network life time by balancing the energy consumption of nodes and the second phase reduces the communication overhead by forming tree structure.

Tools Used : Matlab (Simulator)

2. **Title: Proxy Server for LAN (B.E.)**

In this project the proxy server is used that keeps the copies of the recent request from the client along with that it also reduces the load on the Original Server and reduces the congestion problem.

Tools Used : J2SE, J2EE (SERVLET, JSP)

Publications

International Journal

- Gurpreet Singh Chhabra, Gurudutta Verma, Pushpinder Singh Patheja” Efficient fuzzy ant colony-based multipath QoS aware routing protocol in mobile ad hoc network”, Int. J. Mobile Network Design and Innovation, ISSN online: 1744-2850, Vol. 8, No. 4, 2018 pp.225-234 (Scopus – Elsevier)

- Gurpreet Singh Chhabra, Sunil Kumar Dewangan, Ashish Trivedi,” DNA SEQUENCE ASSEMBLY USING PARTICLE SWARM OPTIMIZATION AND NAÏVE CROSSOVER”, Indian Journal of Scientific Research (IJSR), issn:2250-0138 online (Online Issue – July 2017 Part 1)
- Gurpreet Singh Chhabra, Teshu Gaurav Singh, Sarita Sharma,” Design and Implementation of an Optimized Way of Multi-Phase Grid and Color Based Password Authentication System in Cloud Computing”, International Journal of Advanced Research in Computer Engineering & Technology (IJARCET), issn:2278-1323 (Vol.-4 Issue 10, October 2015)
- Gurpreet Singh Chhabra, Dr. P.S.Patheja, “Effectual routing in wireless sensor networks – a review”, international journal of advanced research in computer and Communication engineering (IJARCCE), issn(online) : 2278-1021 (Vol.-3, Issue 11, November 2014)
- Gurpreet Singh Chhabra, Shahista Navaz, “Enhancing Network Lifetime in Wireless Sensor Networks using Cluster-Tree based Data Gathering”, International Journal of Engineering Innovation & Research (IJEIR), issn: 2277 – 5668 (Vol.-3, Issue 4, July 2014)
- Gurpreet Singh Chhabra, Dipesh Sharma, “Cluster-Tree based Data Gathering in Wireless Sensor Network”, International Journal of Soft Computing and Engineering (IJSCE), issn: 2231-2307 (Vol.-1, Issue-1, March 2011)

International Conference

- Gurpreet Singh Chhabra, "Deep Learning Model for Personality Traits Classification from Text Emphasis on Data Slicing", International Conference on 2018, Curtin University Technology, Science and Engineering International Conference (CUTSE) Malaysia
- Gurpreet Singh Chhabra, “DNA Sequence Assembly Using Particle Swarm Optimization and Naïve Crossover”, International Conference on 2017,SSIPMT, Raipur

National Conference

- Gurpreet Singh Chhabra, “A Review of Fuzzy Ant Colony Multi-constrained and Multipath QoS Aware Routing Protocol to Enhance data transmission in MANET”, National Conference on 2017, NIT Raipur
- Gurpreet Singh Chhabra, “VANET Routing Comparison based on simple forwarding over Trajectory”, National Conference on 2012, KITE Raipur
- Gurpreet Singh Chhabra, “Cluster-Tree based Data Gathering in Wireless Sensor Network”, National Conference on 2011, M.P.Christian College of Engg. & Tech, Bhilai
- Gurpreet Singh Chhabra, “Tree Framework for Data Gathering in Wireless Sensor Networks”, National Conference on 2010, CIT Rajnandgaon

Achievements

- Awarded by HONORS in B.E degree.
- Was winner in cricket for both district & college level.

Personal Details

Name	Gurpreet Singh Chhabra
Father's Name	Mr. Lakhbeer Singh Chhabra
Date of Birth	22 Aug 1984
Sex	Male
Marital Status	Married
Nationality	Indian
Hobbies	Playing cricket & listening music.
Languages known	English, Hindi, Punjabi
Address	Avanti-Bai Chowk, Raipur

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date: -

Place: -Raipur

Gurpreet Singh Chhabra