| Chaman Singh S/O Sh. Dhani Ram, Vill. Shind, P.O. Kalhel, Teh. Churah, District Chamba (H.P.) India 176319 | Assistant Professor cum HOD, Deptt. of Computer Science & Applications, Govt.P.G.College Chamba at Sultanpur Chamba (H.P.) India 176314. Mobile No.:-09817890898 E-MailID: chaman83mca@gmail.com | |

Dr. Chaman Singh

Education	✓ **DOCTOR OF PHILOSHOPY (Ph.D. in Computer Science)** On the topic **"NAT Detection and Traversal on Dual Stack Implementation of Mobile IPv6"** from Department of Computer Science H.P University Shimla-5. India. Submitted April **2012, Awarded 8th July 2013.** ✓ **UNIVERSITY GRANT COMMISSION(UGC-NET)** Qualify National Eligibility Test for Lectureship in **Computer Science and Applications** From UGC New Delhi, Year **2006** ✓ **MASTER OF COMPUTER APPLICATION (MCA)** June 2007, H.P. University Summer Hill Shimla-5 (HP). Degree Percentage: **73%.** ✓ **BACHELOR OF SCIENCE (PCM)** April 2004, Govt. Post Graduate College Chamba, Himachal Pradesh University, Shimla (HP). Degree Percentage: **67%** ✓ **SENIOR SECONDARY EXAMINATION (PCM)** March 2001, Govt. Boys Sen. Sec. School Chamba, Distt. Chamba, (HP) under H.P.S.E.B. Dharamsala.(H.P.) Percentage: **62%** ✓ **MATRICULAITON (10TH STANDARD)** March 1999, Govt. High School Kalhel, District Chamba, Himachal Pradesh under H.P.S.E.B. Dharamsala.(H.P.) Percentage: **57%**
Paper Published	1. K.L. Bansal, **Chaman Singh**, **"Dual Stack Implementation of Mobile IPv6 Software Architecture"** International Journal of Computer Application, Volume 25, No-9, **ISBN: 978-93-80864-24-7**, Pages 6-13, **July 2011**, Foundation of Computer Science, New York USA. *Journal Impact Factor 0.9* 2. **Chaman Singh**, K.L. Bansal, "**NAT Traversal and Detection on Dual Stack Implementation of Mobile IPv6**" International Journal of Computer Application, Volume 29, No-7, foundation of computer science, **ISBN: 978-93-80864-78-6**, Pages 21-28, **September 2011.JIF ~1** 3. **Chaman Singh**, S Kumar, S Kumar, K.L. Bansal, **"Design and Implementation of Mobile IPv6 Data Communication in Dual Networks"** International Journal of Computer Science Issues **ISSN: 1694-0814**, Volume 9, Issue 1, Page 182-190, **January 2012.** Republic of Mauritius. *Impact Factor 0.3* 4. **Chaman Singh**, K.L. Bansal, **"NAT Traversal Capability and Keep-Alive Functionality with IPSec in IKEv2 Implementation"** International Journal of Computer Science and Communication Networks, TechnoPark Publications **ISSN: 2249-5789,** Volume 2, Issue 1, Page 99-110, **February 2012**. India. *JIF~ 1.0* 5. **Chaman Singh**, K.L. Bansal, **"Linux Based Implementation and Performance Measurements of Dual Stack Mobile IPv6 ISSN:2249-5789**" International Journal of Computer Science and Communication Networks, , TechnoPark Publications Volume 2, Issue 2, Page 240-255, **April-May 2012**. India. *Journal Impact Factor ~1.0* 6. Rahul Jassal , **Chaman Singh**" Pretext Knowledge Grids on Unstructured Data for Facilitating Online Education" **IOSR Journal of Computer Engineering (IOSRJCE)ISSN: 2278-0661, ISBN: 2278-8727 Volume 5, Issue 5 (Sep-Oct. 2012),** *Journal Impact Factor 2.0* **PP 22-27** 7. Jassal, Rahul, and **Chaman Singh**." Anomalous Symmetry Succession For Seek Out a Flanking Kin in a Set Of Links" "International Journal of Computer Engineering & Technology (IJCET)." *Impact Factor 6.95* (2012): 282-290. 8. Nischal Sharma, **Chaman S. Chauhan, "***Stock Market Prediction with Artificial Neural Network and Machine Learning: A Review of Literature*,** International Journal of Innovative Research in Computer and Communication Engineering. Volume 4, Issue 6, June 2016.IF=**6.577** 9. Nischal Sharma, **Chaman S. Chauhan, "Heikin-Ashi Transformation and Its Effect on Neural Network Learning for Stock Market Data**, International Journal of Innovative Research in Computer and Communication Engineering. Volume 4, Issue 12, December 2016.IF=**6.577** 10. Dr. Hemant Pal**, Dr. Chaman Singh "Exploring Student Understanding of Quantum Mechanics through QMCS" International Journal of Advanced information science and technology Vol 6 No 2 Feburary 2017.** 11. Nischal Sharma, **Dr. Chaman Singh,** " **Improving Heikin-Ashi Transformation Data Learning in Neural Network Using Volume Weight in Stock Market Data**", International Journal of Scientific Research in Computer Science, Engineering and IT. ISSN:-2456-3307,Volume 3, Issue 1 Feb 2018.

	12. Dr.Chaman Singh act as Reviewer of the Article "A **Development of Agility Mode in Cardiopulmonary Resuscitation Learning Support System Visualized by Augmented Reality** for First International Virtual Conference on Multidisciplinary Research 2018 (IVCMR 2018). ISSN-2415-6698
	13. Nischal Sharma, **Dr. Chaman Singh,** "*Heikin-Ashi Transformation* and Vix Index data for Stock –Market Index Prediction and its Effects", International Journal of Scientific Research in Computer Science, Engineering and IT. ISSN:-2456-3307,Volume 5, Issue 1 Jan-Feb 2019.
	14. Dr.Chaman Singh act as Reviewer of the Article "**Dependency Head Annotation for Myanmar Dependency Treebank"** Special Issue for Advances in Science, Technology and Engineering Systems Journal.).
Books Published	**1.** **Chaman Singh,** K.L. Bansal,**" NAT Traversal and Detection", A Book, ISBN: 978-3-8484-8662-1,** Published in LAP LAMBERT Academic Publishing, Saarbrücken, **Germany, Copy Right @ April 4-2012.**
	2. **Chaman Singh, "Dual Stack Mobility", A Book, ISBN: 978-3-659-17190-1,** Published in LAP LAMBERT Academic Publishing, Saarbrücken, **Germany, July 2012.**
	3. **Dr. Chaman Singh," Fundamental of Programming in C"** Published in Sharma **Publication Jalandhar. July 2013, ISBN :- 978-93-82704-94-2**
	4. **Dr. Chaman Singh," Introduction to Windows Operating System"** Published in **Sharma Publication Jalandhar (PB) India. January 2014, ISBN:- 978-93-82704-78-2**
	5. **Dr. Chaman Singh," Database Management System"** Published in **Sharma Publication Jalandhar (PB) India. July 2014, ISBN:- 978-93-84367-41-1**
	6. **Dr. Chaman Singh, "Data Structure and File Processing"** Published in **Laxmi Publications Bhiwani (HR) India, November 2017, ISBN:-93-86868-03-2**
	7. **Dr. Chaman Singh, "Problem Solving using Computer"** Published in **LAP Publishing House, Mudranik Technology Pvt.Ltd. Bangalore. September 2018, ISBN:- 978-3-8484-8662-5**
Conferences, FDP's, Refresher/ Orientation Courses & training Programme Attended	✓ Attended the **UGC Sponsored National Conference** on "**Sustainable Use of Water Resources in Context of Climate Change: A Shared Responsibility"** held from 11-13 March,**2011** organized by Govt. P.G. College Chamba (H.P.)
	✓ Attended and **Contributed as Reporter** in the **National Seminar on "Emerging Consumerism in Context of Climate Change: Issues and Challenges"** held from **3rd to 5th October2013** organized by Govt. P.G. College Chamba (H.P.)
	✓ Attended 2 Week **induction training Programme** conducted by Department of Higher Education, H.P.Government at GCTE Dharmshala, **16th December 2013 to 28th December 2013**.
	✓ Attended the **ICSSR National Conference** on " **Culture, Development and Society: Understanding Development in relation to culture"** held from 1-2 November ,**2019** organized by govt. P.G. College Chamba (H.P.)
	✓ Attended 3 Week **Orientation Course Programme** conducted by **UGC-HRDC Centre** at GNDU-Amritsar, **13th November to 03rd December 2019**.
	✓ Attended 5 days "**Faculty Development Programme**: - Art of Effective Teaching" organized by Vidya Jyothi Institute of Technology (An Autonomous Institution) affiliated to Jawaharlal Nehru Technical University, Hyderabad from 3rd to 8th August 2020.
	✓ Participated in National web **Conference** on "Plastic and E-waste Management: A challenge to clean Environment" Organized by Department of Environmental Science AKS University, Satna (M.P.) in association with Global Environment and Social Association(GESA) New Delhi, 13-14 August 2020.
	✓ Attended 5 days "**Faculty Development Programme :- Teacher Training on Disaster Management"** organized by National Institute of Disaster Management , Ministry of Home Affair, Govt. of India in Collaboration with Pondicherry University from 21st to 25th September 2020.
	✓ Attended 2 Week **Refresher Course on "IT, Awareness and Application"** conducted by **UGC-HRDC Centre** at GNDU-Amritsar, 21st October to 03rd November 2020.
	✓ Participated **National Seminar** on "Ancient Indian Education System" Organized by NITTTR Kolkata, 11-12 November-2020.
	✓ Participated in International **Webinar** on "Changing Higher Education Scenarios in the Post COVID Times" Organized by **UGC-HRDC Centre** at GNDU-Amritsar, 19th November 2020.
	✓ Participated in **UGC Sponsored Webinar** on "Climate Change" Organized by **UGC-HRDC Centre** at GNDU-Amritsar. 26th December 2020.
	✓ Participated in National level **E-Conference** on "Emerging Trends in IT" Organized by Department of MCA K.G.R.L.College of PG Courses (A), Bhimavaram (A.P.). 11-12 February 2021.
	✓ Attended 1 (One) Week **Faculty Development Programme on "Online Teaching Tools"** conducted by **UGC-PMMMNMTT FDC Centre** Mahatma Hansraj College, University of Delhi, 16st February to 22rd February 2021.
	✓ Attended 1 (One) Week **International Faculty Development Programme on "Facets of Teaching"** conducted by **Centre for National and International Academic Collaborations** Tamil Nadu Education University Chennai in association with Laxmi College of Education Gandhigram, 14st June to 20th June 2021.
	✓ Attended 1 (One) Week **Faculty Development Programme on** Attended 1 (One) Week **Faculty Development Programme on "Basics of Research"** conducted by **UGC-PMMMNMTT FDC Centre** Mahatma Hansraj College, University of Delhi, 18st June to 24th June 2021.
	✓ conducted by **UGC-PMMMNMTT FDC Centre** Mahatma Hansraj College, University of Delhi, 18st June to 24th June 2021.
	✓ Participated in 2 Days National Seminar:- "Reshaping Education During Pandemic" Conducted by **FDC Centre** Mahatma Hansraj College, University of Delhi in association with Govt. College Yachuli, 13th July -14th July 2021.

	✓ Attended 1 (One) Week **Faculty Development Programme on "Roadmap for Building New India with New Education Policy"** conducted by **UGC-PMMMNMTT FDC Centre** Mahatma Hansraj College, University of Delhi, 21st July to 25th July 2021.
	✓ Attended 1 (One) Week **International Faculty Development Programme on " Art of Effective Education during Pandemic Scenario"** jointly organized by **Department of Pedagogical Sciences,** Tamil Nadu Education University Chennai in association with Laxmi College of Education Gandhigram, 23rd-29th July 2021.
	✓ Participated and Completed Annual Refresher Course in Teaching on **"Pedagogical Innovations and Research Methodology (ID)"** organised by UGC-HRDC Guru Jambheshwar University of Science and Technolgy Hisar, Haryana w.e.f. 1st December 2020 to 31st March 2021. Awarded on 27th October 2021.
	✓ Participated and Completed Annual Refresher Course in Teaching on **"Leadership and Governance in Higher Education. Level 2"** organised by UGC-HRDC Savitribai Phule Pune University Pune. w.e.f. 1st December 2020 to 31st March 2021. Awarded on 27th October 2021.
	✓ Act as Member of Organising Committee and Participated in 2 days Workshop sponsored by Department of Biotechnology, Govt. of India entitled "Foldscope Workshop for Teachers of Aspirational Districts" and Conducted by BCIL New Delhi in association with Govt. College Chamba on Dated November 25th and 26th 2021.
area of Specialization	Programming Languages & Data Structure , Data Communication & Computer Networks, Data Base Management System , Automation and Algorithms Designing
Software Packages	C,C++, Visual C++,VB, JAVA, HTML Basics, Python Basics, Concepts of Data Communication and Networking, Operating System like Windows ,MS Office, PHP/SQL and Oracle 8i,Computer Graphics, Phase of software Engineering, Software installation, Data Structure Implementation , Algorithm Designing. Multimedia Concepts. Concepts of Artificial Intelligence and Automata.
Achievements Awards	✤ **University Grant Commission – National Eligibility Test** for Lectureship in **Computer Science and Application**, December 2006, **first NET qualified** from **H.P.University** in said Subject and Second from Himachal Pradesh State. ✤ **Paper Publication award** from different Publishers. ✤ Secured **2nd position in Aggregate** in the House Examination of B.Sc. 1st year, G.C. Chamba under Roll No 616. Year 2001. ✤ Received Award from Ministry of Education ,Govt. of India for act as Exception Primary Evaluator in "Toycathon-2021"
Experiences:	1. Worked as **External Examiner** in L.R. Institute of Management (MCA, MBA, BBA, and BCA) Solan affiliated to H.P.University. Worked as **Senior Lecturer and Coordinator** of BCA in L.R .Institute Solan since 15th September 2007 to 25thJuly 2009. 2. Presently working as **Assistant Professor** cum HOD Department of Computer Science and Applications Govt.P.G.College, Chamba (H.P.) since 26 July 2009. 3. Working as a **Project Guide** for PGDCA, BCA and MCA students of Various Universities. 4. Worked as **Hostel Warden** of Boys Hostel P.G.College, Chamba (H.P.) for session 2009-2010 and 2010-2011. 5. Worked as **PRO and Counting Supervisors** in MLA's Elections of H.P. Government. 6. Working as **Invigilator, Paper Setter and Evaluator** for different University examinations. 7. Worked as **Centre Superintendent and Deputy Superintendent** for various examinations of H.P.University. 8. Worked as **Subject Expert** in interview Panel for selection of various post at different level. 9. Working as **Ph.D. Supervisor** of Mr. *Nishchal Sharma, Career Point University Kota, Rajasthan Enrollment No: K12059 on topic "Multilayer* Neural Network to Analyze Stock Market Index with moving and weighted historical Market Index data". 10. Working as **Editorial Board** in IMPARC (A Journal and Research Consortium) at Gurgaon Haryana. 11. Working as a **Reviewer** for Advances in Science, Technology and Engineering Systems Journal, from Dated 19th July 2017 (ISSN:-2415-6698). 12. **District Co-ordinator and Faculty Organizer** of Spoken Tutorial Project launched by Directorate of Higher Education (H.P.) incorporation with IIT Bombay through MHRD Govt. of India. 13. **Member** of Different Committees (like RUSA Affairs, Disciplines, Examination etc.) at College Level.
Personal Detail	**Father's Name:** Sh. Dhani Ram **Date of Birth:** *05th June 1983 (Sunday)* **Marital Status:** Married **Gender:** Male **Nationality:** Indian **State of Domicile:** Himachal Pradesh
Reference:- *Date:-* *Time:-*	I declare that all the above information's are true. **Dr. Chaman Singh**