


Name	Japinder Singh	
Designation	Associate Professor	
Education	MS (Software Systems) BITS PILANI B.E (CSE) Amravati University	
Date of Birth	13 th July 1974	
Teaching Work Experience Period	Responsibilities	Duration
From 28/08/1998 – till date, (EOL 27/01/2008 to 16 Feb 2012) at SBSSTC	Faculty Taught UG Level and PG Level Subjects Mtech Students Supervised:06	16 years
Mar 1998 – 26 th August 1998, Lecturer, Deptt. of Computer Science & Engineering, Govt Polytechnic Bathinda	Faculty Taught Diploma Level Students	06 Months
Industry Work Experience Period	Responsibilities	Duration
27/01/2008 to 15Feb 2012 as General Manager, PP Industries,	Administrative Responsibilities: Administration of production unit. To handle all strikes of workers(if any) Demand and Dispersing Officer of Plant Technical Responsibilities: To implement and maintain ERP in production and stores of company. To Provide Live Camera Feed of production unit to Head office of Company	04 years
May 1995-Feb 1998 as Customer Support Manager at VB Computer Enterprises Pvt Ltd, Bathinda	Customer Support Manager To install and maintain Computer Networks(LAN) at Corporates,MSME and collecting reports of all other Technical Support Engineers of company	02 years 09 months

Administrative Experience at SBSSTC, Ferozepur	Responsibilities	Duration
May 2003 – Aug 2005	Warden Satluj Bhawan	02 years
June 2012- Oct 2013	Officer In charge Accounts	01 year 04 months
June 2012- July 2017	Nodal Officer (Finance) TEQIP-II	05 years
Feb 2014-April 2016	Head of Department(CSE)	02 years 02 Months
June 2015-till date	ERP Coordinator	More than 03years
August 2016-till date	Officer In charge Accounts/Deputy Registrar (Accounts) Registrar in the absence of Sh J K Aggarwal	More than 02 years

Publications

1. Sumit Badotra and Japinder Singh, "Software Defined Networking: An Innovation through Transformation" in National Conference on Computing, communication and Electrical systems (NCCCES-2016) November Proceedings Page no. (45-48), held at Shaheed Bhagat Singh State Technical Campus Ferozepur, Punjab, India on 21st-22nd, November 2016.
[Online]:<http://ijcsn.org/CPP/National-Conference-on-Computing-Communication-and-Electrical-Systems-NCCCES-2016.pdf>
2. Sumit Badotra and Japinder Singh, "Software Defined Networking: An Advantage to Environment", in Proceeding of International Journal of Advanced Technology in Engineering and Science (ijates) Vol.5, Issue No.3, March 2017 ,Page no.483-486 , International conference on Recent Innovations in Engineering, Science, Humanities and Management (ICRIESHM-17) held at Dev Samaj College for Women, Ferozepur, Punjab (India) on 18th -19th March 2017.
[Online]:http://www.ijates.com/images/short_pdf/1489586606_D717ijates.pdf
3. Sumit Badotra and Japinder Singh, "Introduction to Load Balancing and Strategies Used in Software Defined Networking", in Proceeding of International Journal of Advance Research in Science And Engineering (ijarse) Vol.6, Issue No. 6,7th International Conference on Recent Development in Engineering Science, Humanities and Management (ESHM-17) held at (NITTTTR) National Institute of Technical Teachers Training & Research, Chandigarh, India (MHRD, Govt. of India) on 3rd June, 2017. **[Online]:**
http://www.ijarse.com/images/fullpdf/1496384994_C117ijarse.pdf
4. Sumit Badotra and Japinder Singh, "Creating Firewall in Transport Layer and Application Layer using Software Defined Networking" accepted in 5th International Conference on Innovations in Computer Science & Engineering Springer ,(ICICSE-2017), **SCOPUS**.
5. Sumit Badotra and Japinder Singh, "A Review Paper on Software Defined Networking", in Proceedings of International Journal of Advanced Research in Computer Science "volume 8, Issue 3 ,March/April 2017 Page no.29-36.
[Online]:<http://ijarcs.in/index.php/Ijarcs/article/view/2945>
6. Sumit Badotra and Japinder Singh, "OpenDaylight as a Controller in Software Defined Networking", in the Proceedings of International Journal of Advanced Research in Computer Science, Volume 8, No.5 May-June 2017.
[Online]:<http://www.ijarcs.info/index.php/Ijarcs/article/view/3577>
7. Kukkar Ankita, Singh Japinder And Brar Dheeraj Pal Singh "Sdn: an amendment to networking", in *National Conference On Computing, Communication & Electrical Systems November 2016*, November, 2016, SBSSTC, Ferozepur, India, pp. 40-44, ISSB 2277-5420
8. Badotra Sumit, Singh Japinder And Brar Dheeraj Pal Singh "Software defined networking: an innovation through transformation", in *National Conference On Computing, Communication*

& Electrical Systems November 2016, November, 2016, SBSSTC, Ferozepur, India, pp. 45-48, ISSN 2277-5420

9. Kaur, Karamjeet; Kumar, Krishan; Singh, Japinder; Ghumman, Navtej Singh; “Programmable Firewall Using Software Defined Networking”, Computing for Sustainable Global Development (INDIACom), 2015 2nd International Conference on,IEEE, March 2015, Pages 2125-2129, ISBN:978-9-3805-4415-1, INSPEC Accession Number:151098
10. Kaur, Sukhveer; Kumar, Krishan; Singh, Japinder; Ghumman, Navtej Singh; “Round-Robin Based Load Balancing in Software Defined Networking”, Computing for Sustainable Global Development (INDIACom), 2nd International Conference on,IEEE, Pages 2136-2139, March 2015, ISBN:978-9-3805-4415-1INSPEC Accession Number:15110137
11. Kaur, Karamjeet; Singh, Japinder; Ghumman, Navtej Singh; “**Mininet as Software Defined Networking Testing Platform**”, International Conference on Communication, Computing & Systems (ICCCS) *Page 139-142*
12. Kaur, Sukhveer; Singh, Japinder; Ghumman, Navtej Singh; “**Network Programmability Using POX Controller International**”, Conference on Communication, Computing & Systems (ICCCS), *Pages 134-139*