

RESUME

Name : Dr. Paramjeet Singh
Present designation : Professor
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Additional Charge presently: Dean Students Welfare, MRSPTU, Bathinda

Qualifications detail:

Sr. No	Degree	Year of passing	Institute	University
1	B.Tech. (CSE)	1998	SLIET Longowal	PTU Jalandhar
2.	M.S. (Software Systems)	2002	BITS Pilani	BITS-Pilani
3	PhD	2009	BITS Pilani	BITS-Pilani

Experience Detail:

Sr. No	Designation	Period		Organization
		From	To	
1	Lecturer	01.09.1998	31.08.2003	GZSCCET Bathinda
2.	Lecturer (Sr. Scale)	01.09.2003	16.05.2005	GZSCCET Bathinda
3	Assistant Professor	17.05.2005	16.05.2008	GZSCCET Bathinda
4	Associate Professor	17.05.2008	16.05.2011	GZSCCET Bathinda
5	Professor	17.05.2011	Till date	GZSCCET Bathinda

PhD Thesis guided: 08

PhD Supervision (Ongoing at IKGPTU Jalandhar): 01

PhD Supervision (Ongoing at MRSPTU, Bathinda): 03

PhD Supervision slots free: 04

M.Tech. Thesis guided: 46

M.Tech. Thesis Supervision (on-going) =02

Total Teaching Experience: 23 Years

Area of Research/Interest : Machine Learning, Software Systems,
Blockchain

No. of publications in Journals	: 83
No. of publications in Conferences	:27
No. of papers presented in conferences	: 10
No. of Invited talks/session chairs/Expert lectures	: 06
Short term courses attended	: 21

Major Administrative Duties Performed/ performing:

1. Dean Students Welfare, MRSPTU Bathinda
2. Head of Dept. of CSE
3. Warden Boys Hostel No. 04, 05 and PG hostel
4. Nodal Officer (AISHE), MRSPTU Bathinda
5. Nodal Officer (UGC E-Schemes portal), MRSPTU Bathinda
6. Nodal Officer (E-Waste), GZSCCET Bathinda
7. Trade Coordinator of EDUSAT Mohali
8. Chairman of various committees

Examination Duties Pefrormed:

1. Controller, Supdt., Deputy Supdt., Coordinator printing cell of IKGPTU Kapurthala.
2. Controller, Supdt., Deputy Supdt., Flying squad of PSTEB Examinations.
3. Supervisor, Assistant Supervisor of SSC Examinations and Combined Higher Secondary Examination.
4. Deputy Supdt., Server controller of online test for recruitments.

Other Duties Performed:

1. Member of Board of studies of IKGPTU Kapurthala, MRSPTU Bathinda, GNE Ludhiana, GKU Talwandi Saboo
2. Member of DDRC Committee , MRSPTU Bathinda
3. Member of DRC Committee, GZSCCET, Bathinda
4. PhD Coordinator of CSE dept.
5. Coordinator Cultural Activities
6. Member of online counselling software development committee
7. Chairman, Admission committee 2017-2018.

List of major publications:

1. **Paramjeet Singh**, Ajay K. Sharma, and Shaveta Rani, "Routing and Wavelength Assignment Algorithms in Optical Networks," Int. Journal of Optical Fiber Technology, Vol. 13, Issue 3, July 2007, pp. 191-197, Available at www.sciencedirect.com. doi:10.1016/j.yofte.2006.10.002. ISSN: 1068-5200 (IF: 1.187).
2. **Paramjeet Singh**, Ajay K. Sharma, and Shaveta Rani, "An Efficient Wavelength Assignment Strategy for WDM Optical Networks," Int. Journal of Optical Engineering, SPIE, Vol. 46, No. 8, Aug. 2007, Available at <http://spiedigitallibrary.aip.org>. ISSN: 0091-3286 (IF: 0.88).

3. **Paramjeet Singh**, Ajay K. Sharma, and Shaveta Rani, "Routing and Wavelength Assignment in WDM Networks with Dynamic Link Weight Assignment," *OPTIK- Int. Journal for Light and Electron Optics*, Vol. 118, Issue 11, 2007, pp. 527-532, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2006.05.014. ISSN: 0030-4026 (IF: 0.524).
4. **Paramjeet Singh**, Ajay K. Sharma, and Shaveta Rani, "Minimum Connection Count Wavelength Assignment Algorithm for WDM Optical Networks," *Int. Journal of Optical Fiber Technology*, Vol. 14, Issue 2, April 2008, pp. 154-159, Available at www.sciencedirect.com. doi:10.1016/j.yofte.2007.09.001. ISSN: 1068-5200 (IF: 1.187).
5. **Paramjeet Singh**, Ajay K. Sharma, and Shaveta Rani, "Distributed Control Based Routing and Wavelength Assignment Strategy for WDM Optical Networks," *OPTIK- Int. Journal for Light and Electron Optics*, Vol. 121, Issue 8, April 2010, pp. 679-683, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2008.10.002. ISSN: 0030-4026 (IF: 0.524).
6. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Resource Allocation Strategies for Survivability in WDM Optical Networks," *Int. Journal of Optical Fiber Technology*, Vol. 13, Issue 3, July 2007, pp. 202-208, Available at www.sciencedirect.com. doi:10.1016/j.yofte.2006.12.004. ISSN: 1068-5200 (IF: 1.187).
7. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Restoration approach in WDM optical networks" *OPTIK- Int. Journal for Light and Electron Optics*, Vol. 118, 2007, pp. 25-28, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2006.01.007. ISSN: 0030-4026 (IF: 0.524).
8. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Survivability strategy for large and scalable WDM optical networks," *Int. Journal of Optical Communications*, Vol. 28, Issue 1, 2007, pp. 43-45, Available at www.joc-online.schiele-schoen.de.
9. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Provisioning for Restorable WDM Optical Networks" *OPTIK - Int. Journal for Light and Electron*, Elsevier, Vol. 119, Issue 12, 2008, pp. 571-576, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2006.12.022. ISSN: 0030-4026 (IF: 0.524).
10. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Survivability Strategies With Backup Multiplexing in WDM Optical Networks" *OPTIK- Int. Journal for Light and Electron Optics*, Vol. 120, Issue 10, 2009, pp. 497-503, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2007.12.008. ISSN: 0030-4026 (IF: 0.524).
11. Shaveta Rani, Ajay K. Sharma, and **Paramjeet Singh**, "Restoration Optimization Strategy for Multifiber Optical Networks" *OPTIK- Int. Journal for Light and Electron Optics*, Vol. 121, Issue 2, 2010, pp. 174-177, Available at www.sciencedirect.com. doi:10.1016/j.ijleo.2008.06.004. ISSN: 0030-4026 (IF: 0.524).

12. Syed Tufael Nabi, Munish Kumar, Paramjeet Singh, Naveen Aggarwal and Krishan Kumar, "A comprehensive survey of image and video forgery techniques: variants, challenges, and future directions," *Int. J. of Multimedia Systems* (Springer), Jan. 2022, Vol. **28**, pp. 939–992, ISSN: 1432-1882 and 0942-4962.
13. Meena Bharti, Shaveta Rani and Paramjeet Singh, Naveen Aggarwal and Krishan Kumar, "TMTACS: Two-Tier Multi-Trust-Based Algorithm to Counter measure the Sybil Attacks," *Int. J. Computers, Materials & Continua*, Tech Science Press, April 2022, Vol. 73(2), pp. 3497–3512, ISSN: 1546-2218 (Print), 1546-2226 (Online).