

PROFILE: DR. PREET KAMAL SHARMA



1. Designation

Assistant Professor
Department of Computer Applications

2. Educational Qualifications:

- PhD from Guru Kashi University, Punjab in 2020
- M.C.A. under Punjabi University in 2008
- B.C.A. from PU, Chandigarh in 2005

3. Area of specialisation

Computer Programming Languages and Mathematics

Classes Taught: Session (2021-22)

- PGCDA 1st Semester (Computer programming using C Language)
- PGDCA 2nd Semester (Web Technologies)
- BCA 3rd Semester (Computer Oriented Numerical Methods)
- BCA 4th Semester (Database Management System)
- BCA 6th Semester (Application Development using VB.Net)

4. Teaching Experience

12 years and 4 months

5. List of publications

Papers Published in Books /Journals

Sr. No	Title of Paper & Page No.	Name of Book & Year of Publication	Name of the Publisher	ISBN Number
1	A Paper entitled "EDGE BASED REGION GROWING"	International journal of Computer Technology and Applications Volume 2 Issue 4 July-August 2011	IJCTA	ISSN: 2229-6093
2	Presented a paper entitled "MOBILE OPERATING SYSTEM: SECURITY – A CONCERN"	Web Information systems and Technologies	UGC Sponsored national Seminar organized by department of Computer Application, PGGCG-11, Chandigarh on Nov. 9, 2011.	ISBN: 978-93-80144-22-1
3	Presented a paper entitled "m-Learning: An Opportunity or A Challenge"	Emerging Technologies in computing held on Nov. 30, 2011	DEV SAMAJ COLLEGE FOR WOMEN, FEROPUR CITY.	ISBN: 978-81-9227-0937
4	Paper published, entitled "A Survey of Routing Protocols in Mobile Ad-Hoc Network"	Proceedings of 3rd International Conference on Advancements in Engineering & Technology	(ICAET-2015)	ISBN: 978-81-924893-0-8
5	Paper published entitled "A Robust and Secure Lightweight Authentication for the Limited Resource Wireless Ad-hoc Network"	Indian Journal of Science and Technology, Vol 9(47), DOI: 10.17485/ijst/2016/v9i47/101372, December 2016	IJST	ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645

6	Paper published entitled "Balance Cluster Routing Algorithm for Expanding Wireless Networks (BaCRA-EWN)"	Indian Journal of Science and Technology, Vol 10(14), DOI: 10.17485/ijst/2017/v10i14/110423, April 2017	IJST	ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645
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5. List of Books Published

S. No.	Title	Publisher Name	ISBN
1	"Step up in C++ OOPs"	ABS Publication	ISBN: 978-81-7072-123-9
2	"Data Communications and Computer Networking"	Twenty First Century	ISBN: 978-93-8014-510-5
3	Introduction to Artificial Intelligence	www.amazon.in	ISBN-10 : 1638068135 ISBN-13 : 978-1638068136

6. Other Achievements

FDP/ workshops attended

1	2010	Participated in three days workshop on E-Content Development held at PGGCG-11, Chandigarh from 10-03-2010 to 12-03-2010. Organised by Education Department, Chandigarh Administration.
2	2011	Participated in two days Workshop cum Training Programme on Counselling Services held at PGGCG-42, Chandigarh from 24-01-2011 to 25-01-2011.
3	2012	Participated in UGC Sponsored Workshop on "Examination Reforms- A Plan of Action" held on February 18, 2012 at PGGCG-42, Chandigarh.
4	2013	Participated in two days Symposium on "Curriculum Revision and Quality Education" conducted by Department of Computer Science and Applications held at Panjab University, Chandigarh from 16-08-2013 to 17-08-2013.
5	2015	Participated in one day workshop on "Syllabus Revision for Under Graduate and Post Graduate Courses of Computer Science and Information Technology" held on 20-10-2015 at DCSA, Panjab University, Chandigarh.
6	2016	Participated in seven days Capacity Building Workshop on "To Generate Innovative Ideas and Knowledge- A Step towards Interdisciplinary Approach" held at PGGCG-42, under RUSA Scheme organized under the aegis of Dept of

		Higher Education, Chandigarh Administration, from 20-02-2016 to 26-02-2016.
7	2016	Participated in RUSA Sponsored one Day Interactive Session on “Capacity Building of Faculty” held on 29-11-2016 at PGGCG-42, Chandigarh.
8	2017	Participated in One Day National Workshop on “Developing E-Learning Modules for Teachers” held at Dev Samaj College of Education, sector -36, Chandigarh on 27-01-2017.
9	2017	Participated in Awareness Seminar on “e-Learning and MOOCs in Higher Education” held at PGGCG-42, Chandigarh on 21-02-2017.
10	2017	Participated in seven days RUSA sponsored Faculty Development Programme on “Honing Life Skills” held at PGGCG-42, Chandigarh from 22-02-2017 to 28-02-2018.