

BIO-DATA



Name : Prof. (Er.) Hardeep Singh Sidhu
 Designation : Assistant Professor in Computer Science.
 Department : Punjabi University Baba Jogipeer Neighbourhood
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 Date of joining (first) : 1st October, 2008 (Contract basis)
 Area of Academic interest : Information Technology, Information Security

Academic and Professional Qualification:

S.No.	Degree	Year	University	Subjects/Major Discipline
1	M.Tech. IT	2005	IASE Deemed Uni. Rajasthan	Information Technology
2	M.Phil. CS	2008	Periyar University	Computer Science
3	M.Sc. Software	2002	Kurukshetra Uni. KUK	Computer Science
4	PGDCA	2001	Kurukshetra Uni. KUK	Computer Application

Detail of Experience: Total 13 years

S.No.	Institute/Employer	Designation	Duration	Job responsibility
1	Punjabi University Patiala	Assistant Professor (Contract)	03-08-2011 to till date	Teaching and research, academic activities
2	Punjabi University Patiala	Lecturer (Contract)	01-10-2008 to 31-07-2011 as per Uni. norms	Teaching and research, academic activities
3	National college Bhikhi	Lecturer (Regular)	Jan-2008 to Sep-2008	Teaching
4	PICTES (Punjab Govt.)	Computer Faculty (contract)	April-2004 to Dec-2007	Teaching

List of Papers/Courses taught at PG and UG level:

S.No.	Paper	Class
1	Information Technology	MCA, BCA, M.Sc. IT, PGDCA
2	Computer Network	MCA, BCA, M.Sc. IT, PGDCA
3	Operating System	MCA, BCA, M.Sc. IT, PGDCA
4	E-Commerce	BCA
5	System Analysis & Design	BCA
6	Modern Information System	BCA
7	Drug Abuse: Problem, Management and Prevention	BCA & B.Com
8	Project Work (Minor)	MCA, M.Sc.IT

Technical Proficiency:

1. Network and internet security issues.
2. Information security issues.
3. Network hardware and software installation.

Participation in UGC- Human Resource Development Centre, Punjabi University Patiala:

1. Attended “**17th UGC-Sponsored Orientation Programme**” organized by **Academic Staff College, Punjabi University Patiala** from dated 10-07-2013 to 06-08-2013.
2. Participated in “**UGC-SPONSORED REFRESHER COURSE**” in Physical Sciences successfully obtained Grade “A” at **UGC- Academic Staff Colleges, Punjabi University Patiala** from dated 8th Dec. 2014 to 27th Dec.2014.
3. Attended **UGC-Sponsored Inter Disciplinary Refresher Course in Information Technology** from date **01-12-2016 to 21-12-2016** organized by **UGC-Human Resource Development Centre, Punjabi University Patiala.**

List of Conferences / Seminars/ Workshop attended: Total : 32

1. Participated in “**Computer Training Program**” organized by **State Education Research and Training Council, Punjab Chandigarh** at **Govt. In-Service Training Centre (GISTC), Patiala** from 19-04-2008 to 23-04-2008.
2. Participated in National seminar on “**Violation of Human Rights of Migratory Labour in Punjab**” on 12-13 march , 2011 Organized by **ICSSR (North –Western Regional Centre) Indian Council of Social Science Research, at Duraha, Ludhiana (Punjab)**

3. Participated in National conference on “*4th Sarab Bharti Punjabi conference*” on April 30- 1st may 2011 Organized by **Punjabi University Patiala, Punjab.**
4. Participated in National conference on “*Latest Advancements in Science, Engineering & Research-2011*” on May 26-27, 2011 organized by **Baba Farid College of Engineering & Technology, Bathinda. Punjab.**
5. Participated in National conference on “*39th All India Conference Of Dravidian Linguistics*” and presented paper title “*Emergence of Information Technology in the Field of Natural Languages*” in national conference on “39th All India Conference Of Dravidian Linguistics” on 14-16th June , 2011 Organized by **Department of Distance Education, Punjabi University Patiala,** in collaboration with **Punjabi Linguistics Association & Dravidian Linguistics Association.**
6. Participated in International conference on “ *Rural development: Challenges and Opportunities*” on November 17-18, 2011 Organized by **Cordia Group of Institutes, Sanghol, Punjab.**
7. Participated in one day Workshop on “ *e-Governance* “ Organized by **University Computer Centre, Punjabi university Patiala,** in collaboration with **Department of Information Technology, Ministry of Communication and Inf. Tech. Government of India,** on 22 December 2011.
8. Attended District level “**One Day Red Ribbon Workshop**” organize by **Department of Youth Services, Distt. Mansa** at Government Nehru Memorial College, Mansa on dated 05-12-2012
9. Participated in National conference on “ *5th Sarab Bharti Punjabi conference*” on April 30- 1st may 2012 Organized by **Punjabi University Patiala, Punjab.**
10. Attended Cluster level “**One Day Red Ribbon Workshop**” organize by **Department of Youth Services, Distt. Mansa** at Mai Bhago Girls College, Ralla, Mansa on dated 17-01-2013.
11. Participated in National Conference on “ *QUALITY CONCERNS IN TEACHER EDUCATION* ” on 7th Feb., 2013 organized by **Department of Education and Community Service, Punjabi University Patiala.**

12. Participated in UGC Sponsored National Seminar on “ *Value Creation and Sustainable Development for the New Age Business : Issues and Challenges*” on 5th March 2013, organized in collaboration with National Stock Exchange, New Delhi, by **University School Of Applied Management, at Punjabi University Patiala.**
13. Participated in **Three Day National Workshop on Indian Languages Corpora Initiative** (Phase II) at Senate Hall, funded by DeitY (Government of India, New Delhi) organized by **Punjabi University Patiala** on dated 18-20th April 2013.
14. Participated in National conference on “ *6th Sarab Bharti Punjabi conference*” on April 30- 1st may 2013 Organized by **Punjabi University Patiala, Punjab.**
15. Attended “ *PANJ ROZA SANGEETAK KALAWAN* “ Workshop from 14-06-2013 to 18-06-2013, organized by **YOUTH WELFARE DEPARTMENT at Punjabi University Patiala.**
16. Attended “**17th UGC-Sponsored Orientation Programme**” organized by **Academic Staff College, Punjabi University Patiala** from dated 10-07-2013 to 06-08-2013.
17. Attended District level “**One Day Red Ribbon Workshop**” at office Assistant Director organizes by **Department of Youth Services, Distt. Mansa, Mansa** on dated 22-10-2013.
18. Attended **International conference on “Information and Mathematical Sciences (IMS-13)** at **Baba Farid College of Engineering and Technology, Bathinda** dated 24—26 Oct, 2013.
19. Attended **National Seminar on “Law in Globalized Era: Issues and Challenges”** organized by **Department of Law, Punjabi Univesity, Patiala** dated 09 Nov, 2013.
20. Attended District level “**One Day Red Ribbon Workshop**” at Mai Bhago Girls College of Education, Ralla Mansa organized by **Department of Youth Services, Distt. Mansa, Mansa** on dated 13-11-2013.
21. Attended **5th International Conference on “ Women and Development “** held at **Woman’s Studies Centre, Punjabi University Patiala** on dated 23 Nov., 2013.
22. Participated in Third “**VISHAV PUNJABI SAHIT CONFERENCE**” on ADHUNIK PUNJABI KAVITA : CHALLENGES AND OPPURTUNITIES, Organized by **Punjabi Sahit Adhiayan department Punjabi University Patiala** on dated 27-29 November 2013.

23. Attended in **Two day Workshop-cum-Training Programme** on Census Data Dissemination organized by **Centre for Census Studies and Research, Punjabi University Patiala** on 17-18 Dec. 2013.
24. Participated in **“UGC-SPONSORED REFRESHER COURSE”** in Physical Sciences successfully obtained Grade **“A”** at **UGC- Academic Staff Colleges, Punjabi University Patiala** from dated 8th Dec. 2014 to 27th Dec.2014.
25. Participated in **National Seminar on “Dynamics of Politics in North-West India”** sponsored by ICSSR North – Western Regional Centre, Chandigarh, organized by **Department of Distance Education, Punjabi University Patiala** on dated 30-31 March2015.
26. Participated in 8th Sarab Bharti Punjabi Conference at Punjabi University Patiala on dated 30th April to 01st May 2015.
27. Participated as Program Officer (NSS) in **Seven day Training Program at Empanelled Training Institution (National Services Scheme)** Punjabi University Patiala organized by Ministry of Youth Affairs and Sports, Government of India from dated 23-07-2015 to 29-07-2015.
28. Participated in **9th Sarab Bharti Punjabi Conference** at Punjabi University Patiala on dated 30th April to 01st May 2016.
29. Participated in **International conference on “Recent Trends in Computing” (ICRTC-2016)** organized by Department of Computer Engineering, Punjabi University Patiala on date 30-31 August, 2016.
30. Participated in one day workshop in **Faculty Development and Training Program** under **Spoken Tutorial Project-IIT Bombay**, funded by **National Mission on Education through ICT, MHRD, Govt. of India**, organized by Punjabi Pedia Centre, Punjabi University Patiala on date 18-10-2016.
31. Attended **UGC-Sponsored Inter Disciplinary Refresher Course in Information Technology** from **date 01-12-2016 to 21-12-2016** organized by **UGC-Human Resource Development Centre, Punjabi University Patiala**.
32. Participated in **National Seminar on “Cyber Security in India: Challenges & Responses”** organized by **Department of Defense & Strategic Studies, Punjabi University Patiala** on 1st March, 2017.

List of Publications/Paper Presented: Total : 11

1. Participated & give oral presentation of research paper title “ *A Knowledge Management Information Security System to Directly Manage Information Security*” in National conference on “**Latest Advancements in Science, Engineering & Research-2011**” on may 26-27, 2011 organized by Baba Farid College of Engineering & Technology, Bathinda, Punjab.
2. Participated and presented paper title “ *Emergence of Information Technology in the Field of Natural Languages*” in national conference on “**39th All India Conference Of Dravidian Linguistics**” on 14-16th June, 2011 Organized by **Department of Distance Education (Punjabi University Patiala) Punjabi Linguistics Association & Dravidian Linguistics Association.**
3. Participated and Published a Research Paper on topic “ *Real Fact of Emergence of Information Technology Effecting Rural India* “ in **International conference on “ Rural Development: Challenges and Opportunities**” on November 17-18, 2011 Organized by Cordia Group of Institutes, Sanghol, Punjab.
4. Publication of Research paper title ” *Development of Knowledge Management Policies and Model to Effectively Manage Information Security*” in International Journal of Education and Applied Research (IJEAR), volume-1, Issue-1, July –December -2011, with ISSN: 2249-4944 (Print).
5. Publication of Research paper title “ *Types of Attacks in Information Technology*” in International Journal of Operation Management and Information Technology, volume 2 no. 1 Jan- June 2012 with ISSN. 0973-631x.
6. Publication of Research paper title “*Fundamental issues for developing information security policies* “ in International Journal of Advanced Research in Computer Engineering & Technology, volume 1, issue 10 December 2012, with ISSN: 2278-1323.
7. Publication of Research Paper in UGC Sponsored National Seminar on “*Value Creation and Sustainable Development for the New Age Business : Issues and Challenges*” paper title “ *An Importance Of Information Security Issues To Increase Effectiveness Of Knowledge Management.*” on 5th March 2013, organized in collaboration with National Stock Exchange, New Delhi, by **University School Of Applied Management, at Punjabi University Patiala.**
8. Publication of research Paper in Proceeding of **International conference on “Information and Mathematical Sciences (IMS-13)**, having title “**Knowledge Management Critical Issues of Information Security in Information Communication**” with **ISBN: 978-93-5107-162-4.** at **Baba Farid College of Engineering and Technology, Bathinda** dated 24—26 Oct, 2013.

9. Attended **National Seminar on “Law in Globalized Era: Issues and Challenges”** And Presented Research Paper Title **“Understanding the importance of Cyber Law in Digital Information Era”** organized by **Department of Law, Punjabi Univesity, Patiala** dated 09 Nov, 2013.
10. Participated in **International conference on “Recent Trends in Computing” (ICRTC-2016)** and publish research paper on the topic **“Digital Kidnapping: A Review”** organized by **Department of Computer Engineering, Punjabi University Patiala** on date 30-31 August, 2016.
11. Participated in **National Seminar on “Cyber Security in India: Challenges & Responses”** and present research paper on the topic **“Legal Framework for Information Security: The Awareness Drive”** organized by **Department of Defence & Strategic Studies, Punjabi University Patiala** on 1st March, 2017.

Membership:

- **Punjabi University Departmental Alumni Association, Department of Youth Welfare, Punjabi University, Patiala.**
- **Member of Old Student Association, Government Mohindra College Patiala.**

Extra curriculum activities and administration experience:

1. **Time Table committee member (2009-10 to 2013-14)**
2. **Local Examination Coordinator/Convener (2009-10 to 2017-18)**
3. **Youth Coordinator (2009-10 to 2017-18)**
4. **In charge “Red Ribbon Club” (2012-13 to 2017-18)**
5. **In charge “Legal Aid Club” (2013-2014)**
6. **Member PTA committee (2015-16)**
7. **NSS Program Officer (Academic Session 2013-14 to 2016-17)**

Extra-Curriculum Activities organised at campus:

1. Organised Seminar on **“Aids Awareness”** at campus on dated 01-03-2013 with the coordination of **Department of Youth Services, Distt. Sangrur** , Punjab.
2. Organised One Day Workshop on **” Network Security and Emerging Trends”** jointly with Punjabi University Baba Jogipeer Neighbourhood Campus Ralla, Mansa and **APPIN Technology Chandigarh** On dated 15-10-2013.

3. Organised a **“Aids Awareness Diwas”** at Campus on dated 20-02-2014 with the coordination of **Department of Youth Services, Distt. Mansa**, Punjab.
4. Organised Four **Volunteer Blood Donation Camps** with the coordination of **Red Ribbon Club and NSS Unit** in Month of March, at PU Campus Ralla, Mansa.
 - 18-3-2014 (Collect 71 Units)
 - 28-3-2015 (Collect 35 Units)
 - 22-3-2016 (Collect 32 Units)
 - 22-3-2017 (Collect 33 Units)
5. Organised cultural program like **fresher/farewell party** and **Educational Tour Programs** for students.

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