

Harjit Singh

Contact Information

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Education

- Graduation, Panjab University, Chandigarh
- DOEACC 'A' Level, DOEACC, New Delhi
- MCA, IGNOU, New Delhi
- Ph.D.(Pursuing), RIMT University, Mandi Gobindgarh

Employment

- **Developer-cum-Senior Faculty**(15/1/2003-28/9/2006), at Punjab Technical University Learning Centre, Malerkotla (Sangrur)
- **Lecturer** (29/9/2006-1/11/2006) Contract, at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Assistant Professor** (2/11/2006-31/7/2012) Regular, at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Assistant Professor (Grade-2)** (From 1/8/2012), at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)

Administrative Experience

- **Incharge** (From 16-8-2016), Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Incharge** (21-1-2014 to 21-7-2015), Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Member of Academic and Discipline Committee** (From 2006) at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Member of Library Committee** (From 2006) at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)
- **Member of Admission Committee** (From 2006) at Punjabi University Akali Phoola Singh Neighbourhood Campus, Dehla Seehan (Sangrur)

Courses Taught

- Programming in C
- Object Oriented Programming in C++
- Data Structures
- Programming in Java and Advanced Java
- Computer Graphics
- Operating Systems
- RDBMS using Oracle
- Web Application Development using ASP.NET

Publications/Papers

1. “Current Trends in Cloud Computing : A Survey of Cloud Computing Systems”, IJECSE Vol. 1, No. 3, (2012) Pages 1214-1219, International Journal of Electronics and Computer Science Engineering, ISSN 2277-1956
2. “Providing Inferential Capability to Natural Language Database Interface”, IJECSE Vol. 1, No. 3, (2012) Pages 1634-1639, International Journal of Electronics and Computer Science Engineering, ISSN 2277-1956
3. “Detection of Bold and Italic Character in Gurmukhi Script”, IOSRJCE Vol. 1, Issue 6 (July-Aug 2012), Pages 28-31, IOSR Journal of Computer Engineering (IOSR: International Organization of Scientific Research), ISSN 2278-0661
4. “Open Source vs. Proprietary Solutions: Case Study of Windows and Linux, A Consumer Perspective”, IJATER Vol. 2 Issue 4 (July 2012), Pages 28-37, International Journal of Advanced Technology & Engineering Research , ISSN 2250-3536
5. “Technology Transfer Model to migrate E-Governance to Cloud Computing”, IJATER Vol. 2 Issue 4 (July 2012), Pages 52-57, International Journal of Advanced Technology & Engineering Research, ISSN 2250-3536
6. “Impact of ICT on Environment and Green Computing”, IJSR Vol. 4 Issue 12 (December 2015), Pages 1095-1100, International Journal of Science and Research, ISSN 2319-7064
7. “Infectious Malware-Analysis and Protective Measures”, IJSR Vol. 4 Issue 12 (December 2015), Pages 1101-1105, International Journal of Science and Research, ISSN 2319-7064
8. “Computer Viruses – Analysis of Detection Techniques and their Limitations”, IJSRSET Vol. 1 Issue 6 (December 2015), Pages 498-504, International Journal of Scientific Research in Science, Engineering and Technology, ISSN 2394-4099
9. “Analysis of Different Types of Steganography”, IJSRSET Vol. 2 Issue 3 (June 2016), Pages 578-582, International Journal of Scientific Research in Science, Engineering and Technology, ISSN 2394-4099

10. "Approaches for multilingual translator for Indian Languages", IJRECE Vol. 4 Issue 4 Oct.-Dec. 2016 Pages 23-26, International Journal Of Research In Electronics And Computer Engineering (A Unit Of I2OR), ISSN 2393-9028 (Print) ISSN 2348-2281 (Online)
11. "NLP for Indian Inter language Conversions: Challenges and Opportunities", IJRECE Vol. 4 Issue 4 Oct.-Dec. 2016 Pages 27-30, International Journal Of Research In Electronics And Computer Engineering (A Unit Of I2OR), ISSN 2393-9028 (Print) ISSN 2348-2281 (Online)
12. "Role of Java in Natural Language Processing for Indian Regional Languages", volume 4 issue 11 Nov 2016, International Journal of scientific research and management (IJSRM), ISSN (e): 2321-3418
13. "Big Data and Natural Language Processing came together for better information extraction: Text Analytics", IJSRM, volume 4 issue 11 Nov 2016, Pages 4902-4906, International Journal of scientific research and management (IJSRM), ISSN (e): 2321-3418
14. "A Review: Natural Language Interfaces to Databases", National Conference on "Research, Development and Socio-Economic Change" at RIMT University on 31/10/17

Workshops/Seminars/Conferences

1. "Application of Data Mining in Software Fault Prediction/Cloud Computing" at Chitkara University on 20/7/2011
2. Workshop on "Big Data" at Chitkara University on 20/12/2013
3. Workshop on "Printing, Copier and Scanning Devices" at Punjabi University Patiala on 12/9/2014
4. Workshop on "Microsoft Product/Licensing Schemes" at Punjabi University Patiala on 28/8/2015
5. National Workshop on "IPR Awareness and Plagiarism Detection Tool for Indian Languages" at Punjabi University Patiala on 13/5/2016
6. Workshop on "Digital India" at Punjabi University Patiala on 24/10/16
7. National Workshop on "Drug Abuse: Problem, Management and Prevention" at Punjabi University College Moonak on 11/2/17
8. UGC sponsored Short Term Course on "Relevance of Research in Society" at UGC-Human Resource Development Centre, Punjabi University Patiala from 22/12/15 to 28/12/15 (7 Days)
9. TEQIP-II sponsored Short Term Training Programme on "Soft Computing, Pattern Recognition and Image Processing" at SLIET Longowal from 27/9/16 to 1/10/16
10. AICTE organized Short Term Course on "Innovative and Creativity Development in Teachers and Students" at NITTTR Chandigarh from 5/6/2017 to 9/6/2017

11. National Seminar on “Globalisation: Challenges and Opportunities” at Punjabi University Patiala on 7/3/16
12. IEEE Conference on “Information Management in Knowledge Economy-IMKE -2013” at Chitkara University on 19/12/2013
13. 7th “Sarbh Bharti Punjabi Conference” at Punjabi University Patiala from 5/9/14 to 6/9/14 (2 days)
14. 8th “Sarbh Bharti Punjabi Conference” at Punjabi University Patiala from 30/4/15 to 1/5/15 (2 days)
15. 32nd “International Punjabi Vikas Conference” at Punjabi University Patiala from 29/2/16 to 2/3/16 (3 days)
16. 4th “International Punjabi Diaspora Conference” at Punjabi University Patiala from 15/3/16 to 17/3/16 (3 days)
17. 33rd “International Punjabi Vikas Conference” at Punjabi University Patiala from 17/1/17 to 19/1/17 (3 days)
18. National Conference on “Research, Development and Socio-Economic Change” at RIMT University on 31/10/17
19. AICTE organized Short Term Course on “Graphic Designing and Animation for Web” at NITTTR Chandigarh from 31/7/2017 to 4/8/2017
20. AICTE organized Short Term Course on “Data Mining and Business Intelligence” at NITTTR Chandigarh from 4/9/2017 to 8/9/2017
21. AICTE organized Short Term Course on “PHP and MYSQL” at NITTTR Chandigarh from 25/9/2017 to 29/9/2017
22. AICTE organized Short Term Course on “Cloud Computing” at NITTTR Chandigarh from 23/10/2017 to 27/10/2017