

# CURRICULUM VITAE

Dr. Chhinder Paul Kamboj (Dr. C P Kamboj)



## PROGRAMMER-CUM-TRAINER

Programmer-cum-trainer

Punjabi Computer Help Centre, Punjabi University, Patiala

## WRITER

Computer and IT related books in Punjabi language, Regular Column Writer for leading Punjabi newspapers.

## 1. DEGREES

- Three years diploma (Electronics and Communication Engg), State Board of Technical Education, Chandigarh
- Graduation (Arts) , Punjab University, Chandigarh
- CIC (Computer) , Indra Gandhi National Open University, Delhi
- PGDCA (Computer Science), Kurukshetra University, Kurukshetra
- M.Sc. (Computer Science), Maharishi Dayanand University, Rohtak
- MCA, Kurukshetra University, Kurukshetra
- Ph.D (Computer Science), Punjabi University, Patiala

## 2. EMPLOYMENT

- 1996-97, Trainee Engineer, KC Solvent Extension Pvt. Ltd., Jalalabad (W), Fazilka
- 1997-98, Technician, Deltron Ltd., Chandigarh
- 1998-2006, Instructor, Saint Kabir Polytechnic, Fazilka
- 2006-2008, Computer Faculty, Govt High School, Behak Bodla, Fazilka
- 2008-10, System Analyst, Advanced Centre for Technical Development of Punjabi Language and Literature, Punjabi University, Patiala
- 2010-14, Programmer, Deptt. of Linguistic and Punjabi Lexicography, Punjabi University, Patiala
- 2014-Till date, Programmer-cum-trainer, Punjabi Computer Help Centre, Punjabi University, Patiala

## 3. ADDITIONAL RESPONSIBILITIES

- Carrier Guide/Distt. Resource Person: Teacher Training Programmes, Education Dept., Ferozepur (2002-08)
- Chairman: Computer and IT Awareness Society, Punjab (2004-till date)
- Co-convener and Video/Slide Show Director: Sarab Bharti Punjabi Conferences, Punjabi University, Patiala (2011-2014)
- Guest Editor: Pankhrian, Punjab School Education Board, Mohali

- Key Resource Person: State Council for Education, Research & Training (SCERT), Chandigarh (from 2015)
- Member (Developer Team): Punjabi Pedia, Punjabi University, Patiala
- Member (Punjabi Editorial Group): National Translation Mission, Mysore (from 2012)
- Member: Editorial Board, Monthly Vigeyaan Jyot Monthly Magazine, Vishav Bharti Publication, Barnala
- Member: Syllabus Revises and Evaluation Committee, ICT Project, Sarab Shikhiya Abhiyaan, Punjab
- NSS Program Officer: Saint Kabir Politechnic, Fazilka (2004-2008)
- Press Correspondent: Daily Punjabi Tribune News Paper Chandigarh (2001-04)
- Press Secretary: Baba Bhuman Shah Welfare Society, Fazilka
- Regular Column Writer: Punjabi Tribune and Daily Ajit (From May 8, 1998)
- Resource Person: Cyber Disaster, NSS Dept., Punjabi University Patiala (from 2009)
- Tehsil Coordinator: Bharat Giyan Vigeyaan Samtti, Punjab (2004-2008)
- Training Officer: National Integration Camp, Youth Services Deptt. Punjab (2005)

#### **4. COURSES TAUGHT**

- Computational Linguistics
- Cyber Disaster
- DTP
- Internet and Web Technology
- Language Technology
- Language Translation
- Natural Language Processing
- Punjabi Computing
- Social Media and our Society
- Unicode: Uses and Applications
- Use of Computer in Research Process
- Windows and MS Office
- Punjabi Font Technology

#### **5. LANGUAGE SOFTWARE AND TECHNOLOGIES DEVELOPED**

1. Development of Unicode based Font, Developed bi-script (Roman-Gurmukhi) Unicode based font ' Kalam' (Download link: <http://punjabicomputer.com>)
2. English-Punjabi Kosh, Android Version (Download link: <http://punjabicomputer.com>)
3. English-Punjabi Kosh, Desktop Version (CD Available at Kitaab Ghar, Publication Bureau PUP)
4. English-Punjabi Kosh, Online Version (<http://punjabiuniversity.ac.in/e2p>)

5. IT Vocabulary in Punjabi Language, Implemented in 'AKHAR-2016' (Download link: <http://akhariwp.com>)
6. Online Computer Dictionary (<http://punjabicomputer.com/topic.php>)
7. Punjabi Grammar Checker (Download link: <http://pgc.learnpunjabi.org>)
8. Punjabi Software CD 1.0 (Compiled), 20 various Punjabi softwares/tools (CD Available at Kitaab Ghar, Publication Bureau PUP)
9. Punjabi Typing Pad- GurType, with Predictive, Auto Complete, Valid Spell Check, Numeral Option, Custom 2-Tap single screen keypad, SMS, e-mail, Copy-Paste Utilities. (Download link: <http://punjabicomputer.com/download.php>)
10. Website Development Project, Deptt. of Linguistic and Punjabi Lexicography (<http://punjabiuniversity.ac.in/dlpl/>)
11. Website Development Project, NSS Dept., Punjabi University Patiala (<http://punjabiuniversity.ac.in/nss/>)
12. Website Development Project, Punjabi Computing Study Material (<http://www.cpkamboj.com/>)
13. Website Development Project, Punjabi Computer Help Centre (<http://punjabicomputer.com/>)
14. Punjabi Computer Video Tutorial (<http://punjabicomputer.com/gallery.php?cat=Video>)

## **6. COURSES/WORKSHOPS ORGANIZED**

1. 2005: National Integration-cum-Cultural Camp, Training Officer, Sponsored by Govt. of India, Deptt. Of Youth Affairs & Sports held at Sri Anandpur Sahib.
2. 1998-2008: 25 Workshops/Camps, Computer Awareness and Career Guidance for School Students
3. 2008-09: 4 Cyber Disaster Workshops organised in different colleges.
4. 2013-16: 24 Workshops (7 days), Use of Computer in Punjabi Language\*
5. 18 May, 2014: One day Workshop, Unicode Awareness\*
6. August-Oct., 2015: Three Months 'Certificate Course in Punjabi Computing'\*
7. January-March, 2016: Three Months 'Certificate Course in Punjabi Computing'\*
8. 18 March, 2016: One day Workshop, Use of Unicode for Thesis Writing\*
9. 7-9 June, 2016: Three days Workshop, Use of SPSS in data analysis\*
10. August-Oct., 2016: Three Months 'Certificate Course in Punjabi Computing'\*

## **7. BOOKS PUBLICATIONS**

### **Original Books**

1. Computer Bare Muddhlee Jankaari, Vishav Bharti Publication Barnala, 2003
2. Computer, Vishav Bharti Publication Barnala, 2005
3. Robot, Vishav Bharti Publication Barnala, 2005
4. Sanchaar de Saadhan, Vishav Bharti Publication Barnala, 2005

5. Television, Vishav Bharti Publication Barnala, 2005
6. Mobile Phone, Vishav Bharti Publication Barnala, 2005
7. Computer Education Class VIII, MBD Publication, Jalandhar, 2006
8. Computer Education Class X, MBD publication, Jalandhar, 2006
9. Computer Sikheya (Open School) Class X, Punjab School Education Board, 2008
10. Computer Science Class VIII, MBD Publication, Jalandhar, 2009
11. Computer atey Punjabi Bhasha, Lok Geet Publication, Chandigarh, 2010
12. Microsoft Windows, Lok Geet Publication, Chandigarh, 2010
13. Cyber Sansaar atey Punjabi Bhasha, Lok Geet Publication, Chandigarh, 2010
14. Computer Vigeyaan, Publication Bureau, Punjabi University, Patiala, 2012
15. Punjabi Bhasha da Computrikarn, Computer Vigeyaan Parkashan, Fazilka, 2015
16. Ajoka Phone Sansaar, Computer Vigeyaan Parkashan, Fazilka, Fazilka, 2016
17. Punjabi Computer da Mudhla Giaan, Madaan Book Centre, Patiala, 2017

### **Translated Books (English to Punjabi)**

17. Computer Sikheya VI, Punjab School Education Board, 2005
18. Computer Sikheya IX, Punjab School Education Board, 2005
19. Computer Sikheya VI, Director General School Education, Punjab, 2008
20. Computer Sikheya VII, Director General School Education, Punjab, 2008
21. Computer Sikheya VIII, Director General School Education, Punjab, 2008
22. Computer Sikheya IX, Director General School Education, Punjab, 2008
23. Computer Sikheya X, Director General School Education, Punjab, 2008
24. Computer Sikheya XI, Director General School Education, Punjab, 2008
25. Computer Sikheya XII, Director General School Education, Punjab, 2008
26. Guru Mehma, Baba Bhumana Shah Trust, Sanghar Saadhan, Sirsa, 2009
27. Ramu tey Robot, National Book Trust, New Delhi, 2011

### **8. FULL PAPERS IN CONFERENCE PROCEEDINGS**

1. Dr. C P Kamboj, "Punjabi Bhasha atey Computer: Praptian, Samaseyavan atey Sujhaa", Proceedings of 24th International Punjabi Development Conference, DPD, Punjabi University, Patiala. 81-302-0177-1, pp. 284-295 (2009).
2. Dr. C P Kamboj, "Internet di Anokhi Dunia", Proceedings of National Seminar, Deptt. of Journalism and Mass Communication on , Punjabi University, Patiala. 81-302-0240-9, pp. 220-232 (2010).
3. Dr. C P Kamboj, "Punjabi Bhasha atey Saahit de Psaar vich Computer da Yogdaan", Proceedings of 1st World Punjabi Literary Conference, Deptt. of Punjabi Literary Studies, Punjabi University, Patiala. 978-81-302-0184-9, pp. 468-475 (2011).

4. Dr. C P Kamboj, "Cyber Media vich Punjabi Kahani di Sathitti", Proceedings of 2nd World Punjabi Literary Conference, Deptt. of Punjabi Literary Studies, Punjabi University, Patiala. pp. 192-204 (2012).
5. Dr. C P Kamboj, "Cyber Media tey Punjabi Kavita di Sathitti", Proceedings of 3rd World Punjabi Literary Conference, Deptt. of Punjabi Literary Studies, Punjabi University, Patiala, 27-29 November, pp. 50-60 (2013).
6. Dr. C P Kamboj, "Punjabi Bhasha vich Computer di Varton", Proceedings of International Conference Sponsored by CDC Punjabi University, Chandigarh in Collaboration with World Punjabi Council, Toronto Confederation College, Ontario, Canada held on Bhutta College of Education, Ludhiana. 978-93-85446-01-6, pp. 511-515 (2015).

## 9. CHAPTERS PUBLISHED IN TEXT BOOKS/BOOKS

1. Dr. C P Kamboj, "Bijal Chumbki Pardoshan", Environmental Issues and Solutions, Ed. Dr. Baldev Singh Cheema and Dr. D P Singh, Publication Bureau, Punjabi University, Patiala, 81-302-0175-5, pp. 42-51 (2008).
2. Dr. C P Kamboj, "Computer atey Punjabi Bhasha", Maat Bhasha Punjabi, Gurmatt Pustak Centre, Ludhiana, pp. 48-53 (2011).
3. Dr. C P Kamboj, "Punjabi Bhasha atey Saahit de Psaar vich Computer da Yogdaan ", Kalm Kaafila, Ed. Dr. Darshan Singh Ashat, Sangam Publication, Patiala, 93-83654-40-6, pp. 483-486 (2014).
4. Dr. C P Kamboj, "Computer atey Internet Di Sarthak Varton Kiven Hovey", Jeevan Muhartan, Ed. Dr. Chamkaur Singh, Punjabi Community Health Services (Regd.), Moga, pp. 182-192 (November, 2015).

## Entries Published in Encyclopedia

30 Entries/Chapters Published (Ready to Publish) in Bal Vishavkosh (Encyclopedia), Punjabi University, Patiala. (2008)

### List of entries:

Astrology	Editor: Dr. Darshan Singh
1. sañchār upagrahi (ਸੰਚਾਰ ਉਪਗ੍ਰਹਿ)	Communication Satellite
2. vāyū-maṇḍal (ਵਾਯੂ-ਮੰਡਲ)	Atmosphere
3. grahi (ਗ੍ਰਹਿ)	Planet
4. chandaramā (ਚੰਦਰਮਾ)	Moon
5. pulār vigiān (ਪੁਲਾੜ ਵਿਗਿਆਨ)	Space Science
6. pulār yātarā (ਪੁਲਾੜ ਯਾਤਰਾ)	Space Travel
7. pulārī jahāz (ਪੁਲਾੜੀ ਜਹਾਜ਼)	Space Aircraft
8. buddh (ਬੁੱਧ)	Mercury
9. maṅgal (ਮੰਗਲ)	Mars
10. tāre (ਤਾਰੇ)	Stars

Physics		Editor: Dr. H.S. Batti
11. chumbakī khētar (ਚੁੰਬਕੀ ਖੇਤਰ)		Magnetic Area
12. ṭailīvizan (ਟੈਲੀਵਿਜ਼ਨ)		Television
13. ḍīzal iñjan (ਡੀਜ਼ਲ ਇੰਜਣ)		Diesel Engine
14. ḍāinamō (ਡਾਇਨਮੋ)		Dynamo
15. tharamāmīṭar (ਥਰਮਾਮੀਟਰ)		Thermometer
16. darapan (ਦਰਪਣ)		Mirror
17. dhātū, chālak atē rōdhak (ਧਾਤੂ, ਚਾਲਕ ਅਤੇ ਰੋਧਕ)		Primary Substance, Conductor And Insulator
18. ṭhōs, taral tē gais (ਠੋਸ, ਤਰਲ ਤੇ ਗੈਸ)		Solid, Liquid And Gas
19. pratīrōdh (ਪ੍ਰਤੀਰੋਧ)		Reaction
20. ḍāpalar prabhāv (ਡਾਪਲਰ ਪ੍ਰਭਾਵ)		Doppler Effect
Electronics		Editor: Dr. S.P.S. Viridi
21. ilaikāṭrōn (ਇਲੈਕਟ੍ਰੋਨ)		Electron
22. sañkhīā paddhatī (ਸੰਖਿਆ ਪੱਧਤੀ)		Number System
23. sañchār upagrahi (ਸੰਚਾਰ ਉਪਗ੍ਰਹਿ)		Communication Satellite
24. sakainar (ਸਕੈਨਰ)		Scanner
25. sīāraṭī (ਸੀਆਰਟੀ)		CRT
26. priṇṭar (ਪ੍ਰਿੰਟਰ)		Printer
27. bāinarī kōḍ, biṭṭ, bāiṭ (ਬਾਇਨਰੀ ਕੋਡ, ਬਿੱਟ, ਬਾਈਟ)		Binary Code, Bit, Byte
28. mauḍam (ਮੌਡਮ)		Modem
29. raḍār (ਰਡਾਰ)		Radar
30. laujik gēṭ (ਲੌਜਿਕ ਗੇਟ)		Logic Gate

## 10. PAPER PUBLISHED IN JOURNALS

1. Dr. CP Kamboj, "Computer di Varton, Lor atey Bhavikh " Nirantar Soach, Punjab State Counsel for Science and Technology, 0972-1355, pp. 16-23 (August 2003).
2. Dr. CP Kamboj, "Kisanan laee Computer di Mahatta " Yojana, Ministry of Communication, 43033/85, Issue No. 9, pp. 51-52 (April 2007).
3. Dr. CP Kamboj, "Soochna Technology de Psaar ch Bhashai Dikktan" Yojana, Ministry of Communication, 43033/85, Issue No. 4, pp. 24-29, 33 (November 2007).
4. Dr. CP Kamboj, "Computer atey Punjabi Bhasha " Shabad Boond, Haryana Punjabi Saahit Academy, HR/AB/28/2010-12, pp. 164-172 (June 2010).
5. Dr. CP Kamboj, "Gurbani de Adhiain/Adheyapn laee Computer di Bhoomika-1" Gurmat Parkash, Shromni Gurdvara Parbandhak Committee, Amritsar, L-I/PB-ASR-007/2010-2012, Issue No. 10, pp. 69-76, 89 (January 2011).

6. Dr. CP Kamboj, "Gurbani de Adhiain/Adheyapn laee Computer di Bhoomika -1" Gurmat Parkash, Shromni Gurdvara Parbandhak Committee, Amritsar, L-I/PB-ASR-007/2010-2012, Issue No. 8, pp. 30-31 (March 2011).
7. Dr. CP Kamboj, "Gurbani de Adhiain/Adheyapn laee Computer di Bhoomika -2" Gurmat Parkash, Shromni Gurdvara Parbandhak Committee, Amritsar, L-I/PB-ASR-007/2010-2012, Issue No. 11, pp. 40-41 (April 2011).
8. Dr. CP Kamboj, "Coputer atey Internet tey Uplabdh Gurbani sabandhi Sarot " Punjabi Journal of Sikh Studies, Deptt. of Guru Nanak Sikh Studies, Punjab University, Chandigarh, 0972-1355, Issue No. 2, pp. 229-237 (2012).
9. Dr. CP Kamboj, "Telegraph ton Internet takk da Safar" Yojana, Ministry of Communication, 43033/85, Issue No. 10, pp. 48-50 (May 2012).
10. Dr. CP Kamboj, "Computer atey Punjabi Bhasha" Guru Gobind Singh Study Circle, Ludhiana, RNI 26465/76, Issue No. 437, pp. 22-25 (September 2012).
11. Dr. CP Kamboj, "Video Gemann de Parbhaav" Yojana, Ministry of Communication, 43033/85, Issue No. 4, pp. 30-31 (November 2012).
12. Dr. CP Kamboj, "Punjabi dian E-Pustkan: Sathiti, Samaseyavan atey Smadhaan" Smaaj Vigyaan Patrika, Publication Bureau, Punjabi University, Patiala, Issue No. 61, pp. 45-51 (August 2013).
13. C P Kamboj and Gurpreet Singh Lehal, "Punjabi Bhasha de Computrikarn di Sathitti, Samaseyavan atey Smadhaan: Ik Sarvekhan", Samdarshi, Punjabi Academy, Delhi, 978-93-82455-08-0, Issue No. 132, pp. 82-108, (March-April 2013).
14. Dr. CP Kamboj, "Media di navin Pulangh" Yojana, Ministry of Communication, 43033/85, Issue No. 10, pp. 26-28 (May 2013).
15. Dr. CP Kamboj, "Punjabi Bhasha Vich Computer di Varton" Saade Pind, State Institute for Rural Development Punjab, Chandigarh, Issue No. 2, pp. 42-43 (December 2015).
16. Dr. CP Kamboj, "Punjabi Computer: Ek Sarvekhan" Vigyan De Nakash, Editor: Dr. Jasbir Kaur, Publication Bureau, Punjabi University, Patiala, 978-81-302-0375-1, Issue No. 47, pp. 57-75 (2015).
17. Dr. Chhinder Paul Kamboj, "Computer Rahin Punjabi Bhasha da Vikaas te Parchaar-Parsaar, Guru Gobind Singh Study Circle, Ludhiana, pp. 15-16 (May 2013).
18. Dr. CP Kamboj, "Computer Raheen Punjabi Bhasha da Vikaas tey Parchaar Parsaar" Sada Virsa Sada Gaorav, Publication of Guru Gobind Singh Study Circle, 0971-7129, Issue No. 476, pp. 43 (January-February 2016).
19. Dr. CP Kamboj, "Maan Boli Vich Internet di Varton" Pankharian, Punjabi School Education Board, Mohali, 269/20-70 SJ(3), Issue No. 10, pp. 29-33 (October-December, 2016).

## 11. PAPERS PRESENTED IN CONFERENCES/SEMINARS/WORKSHOPS

1. Dr. C P Kamboj, "Role of Information Technology in Teaching Learning Processes" One day National Seminar, DAV College of Education, Fazilka (5 April, 2007)\*
2. Dr. C P Kamboj, "Comparative Study of Computerization of Punjabi and other languages" 9th International Conference on South Asian Languages, Deptt. of Linguistics & Punjabi Lexicography Punjabi University, Patiala, in collaboration with CIIL, Mysore (7-9 January, 2010)
3. Dr. C P Kamboj, "Punjabi Bhasha vich Computer di Upyogta" National Seminar on Use of Computer, Govt. PG College Karnal with the celebration of Haryana Punjabi Saahit Academy (16 February, 2010)
4. Dr. C P Kamboj, "Punjabi Bhasha da Computrikarn", National Conference, Deptt. of Punjabi, Punjabi University, Patiala (10 January, 2012) \*
5. Dr. C P Kamboj, "Linguistics and Language Technology", 1 day Seminar, Deptt. of Punjabi, Guru Nanak Dev University Regional Campus Jalandhar with the collaboration of Linguistic Data Consortium for Indian Languages, CIIL Mysore (6-7 March, 2013)
6. Dr. C P Kamboj, "Status of Punjabi Poetry on Cyber Media", 3<sup>rd</sup> World Punjabi Literary Conference, Deptt. Of Punjabi Literary Study, Punjabi University, Patiala (27-29 November, 2013)
7. Dr. C P Kamboj, "Use of Computer in Punjabi Language", 1 day workshop, R.K.S.D. (P.G.) College, Kaithal (22, September, 2014) \*
8. Dr. C P Kamboj, "Punjabi Bhasha vich Computer di Varton", 7 Day Workshop on Digital Literacy, Bhutta College of Education, Ludhiana with the collaboration of World Punjabi Centre, PUP organized by. (5-6 February, 2015)
9. Dr. C P Kamboj, "Computer tey Punjabi di Varton", Mai Bhago Degree College (Girls), Ralla, Mansa (27 February, 2015)
10. Dr. C P Kamboj, "Computerisation of Punjabi Language: Situation, Challenges and Solutions", National Seminar, DAV College Chandigarh (2 March, 2015)
11. Dr. C P Kamboj, "Computer raheen Punjabi Bhasha da Vikaas tey Parchaar-Parsaar", First Punjabi Language Development Conference, Guru Gobind Singh Study Circle, Ludhiana (20 September, 2015) \*
12. Dr. C P Kamboj, "Punjabi Bhasha da Computrikarn", 2 Days National Seminar on Globalization, Punjabi Language and Literature, Gandhi Memorial National College, Ambala Cant (6-7 November, 2015)
13. Dr. C P Kamboj, "Use of Computer in Punjabi Language", 7 Day Workshop on Digital Literacy, Bhutta College of Education, Ludhiana with the collaboration of World Punjabi Centre, PUP organized by. (9-15 February, 2016)



14. Dr. C P Kamboj, "Impact of Social Media on Society", 32nd International Punjabi Development Conference, DPD, Pujabi University, Patiala (29 February-2 March, 2016)
15. Dr. C P Kamboj, "Use of Internet and PPTs for development of Punjabi Language", 7 days workshop on 'Use of Computer in Punjabi Language Teaching', Punjabi Deptt. with the collaboration of Punjabi Saahit Sabha, Punjabi University, Patiala (6-12 April, 2016)  
\*
16. Dr. C P Kamboj, "Punjabi Computerization: Future Possibilities", Second Punjabi Language Development Conference, Guru Gobind Singh Study Circle, Ludhiana (13 September, 2016)\*
17. Dr. C P Kamboj, "Punjabi Fonts: Status, Problums and Solutions", 33nd International Punjabi Development Conference, DPD, Pujabi University, Patiala (17-19 January, 2017)

## **12. INVITED LECTURES OR PRESENTATIONS FOR CONFERENCE/ SEMINARS/WORKSHOPS ETC.**

**22 May, 2009: Punjabi Bhasha da Computrikarn, Rayat College of Education, Rail Majra, Nawanshahar.**

1. 15 January, 2010: Unicode System, One day workshop on Unicode System, Advanced Centre for Technical development of Punjabi Language, Literature and Culture, Punjabi University Patiala. \*
2. 22 January 2010: Punjabi Computer, One day workshop on Punjabi Computing, Govt. MR College, Fazilka. \*
3. 19 November, 2009: Cyber Disaster, Rayat and Bahra College of Law, Mohali.
4. 16 December, 2010: Use of Computer in Teaching-Learning Process, GHG Khalsa College of Education, Gurusar Sadhar, Ludhiana. \*
5. 3 September, 2010: Cyber Crimes and its Prevention, NSS Dept., Govt College Rupnagar. \*
6. 20 January, 2011: One day Seminar on Use of Computer in Regional Languages, DAV College Abohar. \*
7. 22 January, 2011: Invited talk on "Computer in Employment", Maiya Devi Memorial Aadarsh School, Kera Khera, Abohar. \*
8. 27 January, 2011: Computerization of Punjabi Language, Saahit Sabha Jalalabad (Regd.). \*
9. 2 March, 2011: One day Workshop on Punjabi Softwares, Sri Guru Teg Bahadur Khalsa College, Anandpur Sahib. \*
10. 26 March, 2011: One day Seminar on Role of Media today, Press Club Fazilka. \*

11. 29 March, 2011: One day workshop for Media Persons on Machine Translation, Press Club, Fazilka. \*
12. 30-31 December, 2011: Computer Terminology, Desh Bhagat Yaadgari Haal, Bhasha Academy Jalandhar. \*
13. 21 February, 2012: Translation of Computer Science texts into Punjabi Language, 5 days Training Orientation Programme, National Translation Mission held at PUP\*
14. 29 February, 2012: Computer raheen Punjabi Bhasha da Vikaas, Mata Gujri College, Fatehgarh Sahib. \*
15. 24 April, 2012: Use of Computer in Punjabi Language, Mata Gujri College, Fatehgarh Sahib.\*
16. 27 July, 2012: Computrikarn bnaam Apraadhikarn, NSS Dept., Punjabi University, Patiala. \*
17. 2013: Adhiain/Adheapn vich Computer da Mahatv, DAV College Abohar, Fazilka. \*
18. 16 October, 2014: Conference Report, International Conference on "Vigyan atey Technique de yug vich Punjabi Bhasha da Sthan ", Deptt. of Punjabi, Punjabi University Patiala with collaboration of Punjabi Sath Canada. \*
19. 2 March, 2015: Computerization of Punjabi Language, Situations, Challenges and Solutions, D.A.V. College Chandigarh. \*
20. 27 August, 2015: Computer, Internet, Punjabi Computing etc., State Level Training Programme for Master Trainers, SCERT Punjab, Chandigarh held at NTTTI Chandigarh.
21. 13 February, 2016: Digital India, Govt. College Malerkotla
22. 3 March, 2016: Impact of Social Media on Society, Guru Nanak National College, Doraha, Ludhiana.
23. 7 April, 2016: Unicode Technology, Mata Gujri College, Sri Fatehgarh Sahib

### **13. CONFERENCES/SEMINARS ATTENDED**

1. 16-18 March, 2008: 24<sup>th</sup> International Punjabi Development Conference, Punjabi University, Patiala
2. 27-29 January, 2010: 26<sup>th</sup> International Punjabi Development Conference, Punjabi University, Patiala
3. 30 April-1 May, 2010: 3<sup>rd</sup> Sarab Bharti Punjabi Conference, Punjabi University, Patiala
4. 25-29 October, 2010: Workshop on Natural Language Processing held at Punjabi University, Patiala
5. 31 January-2 February, 2011: 27<sup>th</sup> International Punjabi Development Conference, Punjabi University, Patiala
6. 16-17 November, 2011: World Punjabi Literary Conference, Punjabi University, Patiala
7. 30 April-1 May, 2011: 4<sup>th</sup> Sarab Bharti Punjabi Conference, Punjabi University, Patiala

8. 22 December, 2011: One day workshop on National e-Governance Plan (MeGP) held at Punjabi University, Patiala (Deptt of Information Technology, Ministry of Communication & Information Technology, Govt. of India)
9. 21-25 February, 2012: Orientation Programme for Translators in Punjabi held at Punjabi University, Patiala (NTM, Deptt. of Higher Education, Ministry of Human Resources Development, Govt. of India)
10. 30 April-1 May, 2012: 5th Sarab Bharti Punjabi Conference, Punjabi University, Patiala
11. 5-7 December, 2012: 2<sup>nd</sup> World Punjabi Literary Conference, Punjabi University, Patiala
12. 30 April-1 May, 2013: 6th Sarab Bharti Punjabi Conference, Punjabi University, Patiala
13. 24-26 February, 2014: International Conference on Punjabi Diaspora held at Punjabi University, Patiala

## **14. TV/RADIO PROGRAMMES**

### **TV Programmes**

1. 4 July, 2009 (Tele: 11.30 am): Panel Discussion on Information Technology, Patiala Darpan, DD Punjabi, Jalandhar.
2. 13 September, 2009 (Tele: 8.30 am): Computer atey Punjabi Bhasha, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
3. 9 May, 2010: Panel Discussion on Punjabi Typing on Computer, Patiala Darpan, DD Punjabi, Jalandhar
4. 13 December, 2010 (Live: 8.30 am): Interview, Punjabi Bhasha da Computrikarn, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
5. 15 January, 2011 (Live: 8.30 am): Interview, Punjabi vich Computer dian Praptian, Pr. Mr. Pawan Kumar and Mrs. Megha, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
6. 2 July, 2012 (Live: 8.30 am): Interview, Punjabi Bhasha atey Computer, Pr. Mrs. Arjuna Bhalla and Mrs. Manpreet Kaur, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
7. 18 March, 2013 (Live: 8.30 am): Interview, Punjabi Computer, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
8. 27 September, 2014 (Live: 8.30 am): Interview, Computer atey Internet di Surakheyat Varton, Pr. Mrs. Damanjeet Kaur and Shivaji Ariya, Live Talk/Phone in Programme- Gallan Tey Geet, DD Punjabi, Jalandhar.
9. 2014: Expert Panel Discussion on Cyber Crimes, Z-Punjabi
10. 8 October, 2014 (YouTube Uploaded): Interview, Computer Technology atey Punjabi Bhasha, Pr. S. Hanwant Singh, A-One Punjabi TV.
11. 2014 (Recorded): Interview, Punjabi de Computree Sarot, Pr. S. Hanwant Singh, Fateh TV.

12. 15 July, 2016 (Live: 6.00-6.30 pm): Debate, Social Media atey Naujavaan Peerhi, Ajj Da Masla, DD Punjabi, Jalandhar.

### **Radio Programmes**

1. 1-15 August, 2009: Single Talk Weekly Programme Kahani Computer Di, FM Patiala (15 Episodes) .
2. November, 2009: Pr. Dr. Amarjit Singh Waraich, Personal Interview, FM Patiala.
3. 29 May, 2010: Pr. Dr. Amarjit Singh Waraich, Interview, Punjabi Bhasha De Vikaas De Mohri Shri C P Kamboj, FM Patiala.
4. 5 September, 2011 (Tele): Pr. Mrs Kiran, Internet tey Uplabdh Punjabi Bhashaee Sarot, Harman Radio, Australia.
5. 29 January, 2011 (Live: 7.30 am): Phone Talk, Pr. Mrs Sukhjeet Kaur, Punjabi University duara Viksit Naveen Software, All India Radio, Jalandhar.
6. 2 April, 2012 (Tele): Interview, Pr. Miss Sandeep Kaur, Punjabi Bhasha tey Computer, Harman Radio, Australia.
7. 5 April, 2012 (Tele: 5 pm): Talk, All India Radio, Jalandhar.
8. 14 April, 2012 (Tele): Interview, Pr. S. Hanwant Singh, Computer Security Issues, Harman Radio, Australia.
9. 1 July, 2015 (Tele: pm): Special Radio Feature, World Joke Day, FM Patiala.
10. December, 2015: Interview, Pr. Happy Bhagta, Uses of Punjabi Softwares, Radio Chann Pardesi, Canada.
11. 21 February, 2016 (Tele: 9 am): Talk on Cyber Crime, FM Patiala  
From 13 May, 2016 to till date, 22 episodes have been telecast (Tele: 6.30-7.00 PM every Friday; rep next day 3.00 pm): Cyber Sath, FM Patiala

### **15. TRAINING COURSES, TEACHING-LEARNING-EVALUATION TECHNOLOGY PROGRAMMES, FACULTY DEVELOPMENT PROGRAMMES NATIONAL SERVICE/WELFARE ORIENTATION**

1. 15-30 January, 1996: Technical Training at All India Radio- Studio, High Power Transmitter Goraya and FM Transmitter Khurla Kingra, Jalandhar, 15 days, Government of India, Akashvani Jalandhar
2. 22-31 December, 1998: Volunteer, Directorate of Youth Services Deptt., Punjab, held at Distt. Fazilka.
3. 27-31 May, 2002: Short Term Training Programme on Optical Fiber, 5 days, Technical Teacher Training Institute, Chandigarh
4. 1-5 July, 2002: Short Term Training Programme on Consumer Electronics, 5 days, Technical Teacher Training Institute, Chandigarh
5. 15-24 October, 2003: NSS Training & Orientation, 10 days, Ministry of Culture, Youth Affairs & Sports, Training & Orientation Centre, Ludhiana

6. 9 September to 8 October, 2004: EDP on Computer Hardware, 30 days, Ministry of Small Scale Industries, Small Industries Development Organization, Ludhiana held at Saint Kabir Polytechnic, Fazilka
7. 19-28 February, 2005: Volunteer, Directorate of Youth Services Deptt., Punjab, held at Distt. Fazilka.
8. 22-26 August, 2005: State Level Training Programme on Disaster Preparedness, 5 days, Sponsor by RVPSP, DST, GOI held at State Counsel for Science and Technology, Sector 26, Chandigarh
9. 10-11 September, 2005: Disaster Preparedness, Saint Kabir Polytechnic, Fazilka.
10. 22 November to 14 December, 2006: Youth Invitation Programme held at Japan, 24 days, Japan International Cooperation Agency Japan
11. 19-23 May, 2008: Partner in Learning Teacher Training Course, 5 days, Microsoft Corporation held at GSSS Fazilka
12. 25-29 October, 2010: An Introduction to Natural Language Processing, 5 days, Central Institute of Indian Languages, Mysore held at Punjabi University Patiala\*
13. 13-15 December, 2010: Training Programme on Social Harmony & Human Rights, 3 days, NSS Deptt. in collaboration with Rajiv Gandhi Institute of Youth Development, Sriperumbudur.
14. 22 December, 2011: National E-Governance Plan, 1 day, Deptt. of Information Technology, Govt. of India held at University Computer Centre, Punjabi University, Patiala\*
15. 21-25 February, 2012: Orientation Programme for Translators in Punjabi, 5 days, National Translation Mission, CIIL Mysore, Karnataka\*
16. 11-17 November, 2013: Multilingual Technologies UGC Sponsored National Workshop, 7 days, Deptt. of Computer Science Punjabi University, Patiala
17. 28 February-1 March, 2014: National Android Apps Championship Workshop, 5 days, M.M. Modi College Patiala
18. 22-26 June, 2015: Vani, 5 days, Prasar Bharti, All India Radio Patiala\*
19. 7-9 June, 2016: Use of SPSS in data analysis, 3 days, Punjabi Computer Help Centre collaboration with EMRC, Punjabi University, Patiala

## **16. RESEARCH GUIDANCE**

### **MCA Students Supervised**

2016, MCA Students Nupur Sharma and Tanu Juneja, Development of Punjabi Unicode Based Font

## **17. AWARD RECEIVED**

1. 23 September, 2007: Technology Award, Lal Chand Yamla Jatt Memorial, Punjabi Sabheyacharak Manch, Fazilka.
2. 30 December, 2007: Youth Writer Award, Birthday Celebration of Shaheed Udham Singh, All India Student Federation and All India Youth Federation, Fazilka. \*
3. 26 January, 2008: Best Teacher Award, Republic Day, Deptt. of Education, Ferozepur.
4. 27 January, 2011: Special Award, Sahit Sabha Jalalabad (w), Fazilka.
5. 4 September, 2011: Shreshth Acharya Award, Teacher's Day, Manav Kalyan Parishad Punjab, Patiala. \*
6. 2 October, 2011: Maa Boli Di Shaan, Annual Award, Shaheed Memorial Seva Society, Ludhiana
7. 2015: Varis Punjab Award, 13th annual function, People Form, Bargaari, Faridkot\*

## **18. PAPULAR WEEKLY COLUMNS/PROGRAMS IN NEWS PAPERS/MAGAZINES/RADIO**

- Desh Sewak, Daily News Paper: Khoj Khabar (1997 – 2010) and Computernama (Jan., 2017 to till date)
- Vigeyaan Jyot Monthly Magazine: IT Kona (2002-06)
- Nawan Zamanna, Daily News Paper: Hello Computer (2003-04)
- Punjabi Tribune: Daily News Paper: IT Jharokha (2003-11)
- Ajeet, Daily News Paper: Computer Bare Muddhlee Jankaari (2004-05)
- Rozana Spokesman, Daily News Paper (2006-09)
- Sach Kahoon, Daily News Paper: Hello Computer (2009-10)
- Desh Bani, Weekly News Paper: Computer Swaalnama (2010-11)
- Ajeet, Daily News Paper: Cyber Sansaar (2007- till date)
- Punjabi Tribune, Mobile Technology (Every Friday, 2010 – October, 2016)
- Punjabi Akhbaar, Monthly News Paper Publishing in Australia: Sher tey Kangaroo di Cyber Bheyalee (March, 2016- till date)
- Akashvani Patiala (FM 100.2 MHz), weekly program: Cyber Sath (May 13, 2016- till date)

Published Articles in others News Papers and Magazines: Jagbani, Punjab Kesri, Partaap Kesri, Parvaasi Hamdard, Jagrtti, Chahrikala, Ashiaana; Pankhrian, Primary Sikheya, Tarksheel, Nirantar Soach, Yojna, Suaani, Aks, Saanjh, Soch Di Shakti, Pratimaan, Shabad Boond, Alochna, Gurmat Parkash Patrika, Yug Bodh, Ghar Shingaar, Jehlam etc.

## **19. ACADEMIC/RESEARCH VISITS ABROAD**

2006: One Month Youth Invitation Program, Japan International Corporation Agency,  
Tokyo, Japan.

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