

**Name:** Dr. Khushvinder Kumar

**Designation:** Principal, Multani Mal Modi College, Patiala

**Specialization:** Education

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### **Education:**

**Ph.D.** (March 1999 Punjab University Chandigarh)

**Title of Ph. D Thesis:** “A study of teacher effectiveness among scheduled caste and non scheduled caste teachers in relation to their teaching aptitude and self concept.”

### **Professional Experience:**

- Three Years as Punjab Govt. School teacher
- Eleven Years as Lecturer (Education) at **G.H.G. Khalsa College of Education, Gurusar Sadhar**
- Seven and half year as **Principal, BCM College of Education, Sector 32A, UE, Chd. Road Ludhiana**
- Presently (since 1.1.2014) working as **Principal M.M. Modi College Patiala**

### **Teaching Interests:**

- Educational Research and Statistics
- Education of Exceptional children
- Teaching of Mathematics

### **Research Interest:**

- Pedagogy of Mathematics and Languages
- Learning Disabilities
- Educational Administration

### **Publications**

1. A study of intelligence as determinant of error patterns in mathematical problems Sanjay Kumar, *Recent Researches in Education and Psychology* Vol. 10, No I-II, 2005.
2. A study of burnout among face-to-face and distance mode teachers in relation to their job satisfaction, *Researcher A Multidisciplinary Journal of the University of Jammu* Vol. 2, No. 1, 2009
3. A survey of prescribed activities in NCERT and PSEB text books actually being practised in schools, *International Journal of Education and Allied Sciences* 0975-8380 Vol 2 No 2 2010
4. Effect of Ron Davis Approach and Eclectic Approach on World fluency of Dyslexic Children, *International Journal of Education and Allied Sciences* 0975-8380 Vol 2 No 1 2010
5. Comparison of NCERT and PSEB Geometry Text Books on the Bases of Van Heile's Level of Thinking, *Learning Community*, 0976-3201 Vol. 1 No. 2, 2010.
6. Ron Davis and Eclectic Approach in Dyslexic Children *Disability and Impairments An Interdisciplinary Research Journal* 0970-356X No 1 & 2 2011.
7. Effect of Ron Davis Approach and Eclectic Approach on Academic Achievement in English of Dyslexic Children, *Researcher's Tandem* 2230-8806 Vol.III No-9,2012.
8. An Analytical Study of B.Ed. Evaluation Process *Malwa Journal of Education* 2250-334X Vol.1, No. 1, 2010
9. Classification of Trigonometrical Errors Committed by Students *GCTE Journal of Research and Extension in Education* 0975-5444 Vol.7,No.2, 2012.
10. Impact of Remedial Strategy on Trigonometrical error Patterns *International Journal of Education and Allied Sciences* 0975-8380 Vol 4 No 2 2012
11. Effect of Ron Davis Approach on reading ability among primary school Dyslexic children *The CTE National Journal* 0973-4457 Vol. XI No. 1, 2013.
12. Impact of Remedial Strategy on Trigonometric Error Patterns- A Case Study *EDU-PSYCATIA International Journal of Education and Psychology* 2438-0785 Vol.1 No.1 Dec.-June 2014
13. Comparative Study of the Performance of B.Ed. Students admitted Through and Without Entrance Test in relation to their Previous Academic Achievement *BCM Research Colloquium* 2320-9321 Vol.1 No.1 June 2013.
14. Impact of Remedial Strategy on trigonometrical error patterns- A case study *The Sadbhavna Research Journal of Human Development* 2249-6424 Vol.3, Issue2, 2013.

15. Effectiveness of cooperative learning on academic achievement in social science of secondary school students *Parview* **2320-558X Vol.2 No.1 July 2013.**
16. Impact of Remedial Strategy on Trigonometric Error Patterns- A Case Study *Issues and Ideas in Education* **2320-7655 Vol.1 No.2 September 2013.**
17. Effectiveness of cooperative learning on Social Competence of secondary school students *Malwa journal of Research* **2250-334X Vol.1 No.4, 2013.**
18. Case Study of Harshpreet: A Dyslexic Boy *BCM Research Colloquium* **2320-9321 Vol.1 No.2 Dec. 2013.**
19. Construction and Standardisation of Achievement Test in Social Science *BCM Research Colloquium* **2320-9321 Vol.2 No.1, 2014**
20. Impact of Remedial strategy on Trigonometrical error Patterns- A Case Study *GHG Journal of Sixth Thought* **2348-9936 Vol.1 No.1, 2014.**
21. Concept Mapping- An Appraisal *GHG Journal of Sixth Thought* **2348-9936 Vol.2 No.1, 2015.**
22. Educational Administration of the Secondary Schools of Punjab State during the session 2009-10 & 2010-11- A Case Study *BCM Research Colloquium* **2320-9321 Vol.2 No.2,2014**
23. Effectiveness of Cooperative Learning on Critical Thinking Dispositions of Secondary School Students *Issues and Ideas in Education* **2320-7655 Vol.3 No.1, 2015.**
24. Assessment of Punjabi Language Skills Of PSEB and CBSE School Students *International Multidisciplinary E-journal* **2277-4262 SJIF 4.76 Vol 5, Issue 6,2016**
25. A Comparative Study of Text Books of Punjabi Language of 7th Class of PSEB and CBSE *Parview* **2320-558X Vol 7,No. 1,2016**
26. Cooperative learning environment by STAD and JIGSAW techniques. A Gateway to explore knowledge and inter-relations *Education Times*, **ISSN: 2319-8265 Vol. VII, No. 1, Page 267-272, 2017**
27. Effect of Concept mapping strategy in Maths on achievement in relation to mathematical anxiety *GHG Journal of Sixth thought*, **ISSN: 2348-9936.Vol. 4 No. 1, 2017.**
28. Effect of concept mapping strategy in Maths on Mathematical creativity in relation to anxiety in mathematics *Vidyawarta* **ISSN: 2319-9318 Issue 19 Vol.-1,2017**
29. Survey of Educational and Administrative problems of Government Secondary Schools in Punjab State *GHG Journal of Sixth thought* **ISSN: 2348-9936 Vol. 4, No.1, 2017**

30. Analysis of Administrative initiatives taken regarding Secondary Schools of Punjab state during the period 2009-14 *Printing Area Int. Res. Journal* ISSN: 2394-5303. Issue 31 Vol. 1,2017
31. Teacher education a place for experimentation *Edu World* 2319-7129 Vol VIII, No 5,2018
32. An Analytical study of administration of the Punjab Government schools during the period 2009-14 *Edu World* 2319-7129 Vol VIII, No 4,2018
33. Effectiveness of STAD and Jigsaw II techniques of cooperative learning on language listening proficiency skill of pre-service teachers *Education Plus* 2277-2405 Vol VIII, No 4,2018
34. Educating a Dyslexic children- A case study *Education Plus* 2277-2405 Vol VIII, no 4,2018
35. Effectiveness of STAD and Jigsaw II techniques of cooperative learning on language reading proficiency of pre-service teachers *Ajanta* 2277-5730, Vol-IX, Issue-II, Part-I, 2019
36. A comparative study of transaction practices prevailing in PSEB and CBSE schools to transact Punjabi language curriculum 2277-5730, Vol-IX, Issue-II, Part-II, 2019

### **Book/Book chapter**

1. A Study of Burnout Among Face to Face and Distance Mode Teachers in Relation to Their Job Satisfaction **Strategic Service Management Excel Books, New Delhi ISBN/ISSN NO-987-81-7446-891-8, 2010.**
2. The Case Study of Ankit- A Dyslexic Boy, Elementary Education, **Elementry Education, Mohit Puri, APH Publication, New Delhi , ISBN/ISSN NO- 978-81-313-1417-3, 2012**
3. Comparison of Van Hiele's Theory of Geometry Learning with Piaget's Theory of Conceptual Development **Enhancing the Knowledge Base in Education- RCE Monograph Series 1 ISBN/ISSN NO- 978-93-8014-543-3, 2014**

### **Full papers in Conference Proceedings**

1. Impact of a remedial strategy on different types of trigonometrical errors omitted by students **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
2. Designing Computer Assisted Instructions in Educational Psychology for Prospective Teachers **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
3. Teacher Training in Higher Education: Sharing Practices to Promote Quality Culture in Teacher Education Institutions **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
4. Soft Skills Education for Enhancing Employability Skills of Pupil Teachers **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
5. Cooperative Learning – When you teach, you Learn Twice. **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
6. Quality Concerns in Higher Education **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
7. Role of Van Hiele's Model of thinking in Geometry in Quality Enhancement of Mathematics Education **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
8. Soft Skills Education for Enhancing Employability Skills of Pupil Teachers **Resurgence of Education Nirvaan Publication, Ludhiana ISBN/ISSN NO- 978-81-923919-6-0, 2013**
9. Innovative Practice: Effect of Mobile Learning on Achievement of B.Ed Students **IQAC A Pivot of Educational Spokes Twenty First Century Publications, Patiala 978-93-80144-82-5, 2012**
10. Research and Development in School Education (Error Analysis in Mathematics) **School Education- Universalisation and Quality Concerns ISBN/ISSN No-978-93-85446-52-8, 2015**

### **Books published as single author or as editor**

1. Learning Mathematics: A Lab Experience GBD Publication, Gurusar Sadhar (Ludhiana) ISBN: 978-81-922217-3-1. **2004 Revised 2012**
2. *Ganit Paryogshala: Kujh Tajarbey* : A manual of improvised teaching GBD Publication, Gurusar Sadhar (Ludhiana) ISBN 978-81-922217-6-2. **2005**
3. Computer Education GBD Publication, Gurusar Sadhar (Ludhiana). ISBN: 978-81-922217-1-7. **2005**
4. Computer Education (Pbi Medium) GBD Publication, Gurusar Sadhar (Ludhiana). ISBN: 978-81-922217-1-7. **2005**
5. Contemporary Indian Education: Special Reference to Assam and Punjab GBD Publication Gurusar Sadhar, 978-81-922217-5-5. **2011**
6. Naal Mere Koi Challe Travelogue Chetna Parkashan, ISBN: 935112252-2. **2017**

7. YUVA Book published on Golden Jubilee of National Service Scheme Zohra Publication ISBN: 978-93-82376-82-8. **2019**
8. Ruminations **Gurmehar Publication Patiala, ISBN: 978-81-929148-0-0. 2019**
9. Kich Sunie Kich Kahea Book published on 550<sup>th</sup> Parkash Purab of Guru Nanak Gurmehar Publication 978-81-942154-5-5 **2019**

### **Invited Lectures/ Chairmanships at National or International Conference / Seminars etc.**

1. Role of Innovations and Creativity in Education **Resource Person** PCMA International Conference at PIMT Mandi Gobindgarh (2014)
2. Structure of Mathematic **Resource Person** GHG Khalsa College Gurusar Sadhar (2015)
3. **Resource Person** DST- INSPIRE ISF College of Pharmacy Moga (2015)
4. Introspection and Improvement in Transaction Practices **Extension lecture** Hindu Kanya College Kapurthala. (2015)
5. RUSA- its implications in Punjab **Key Note** MSK College of Education Patiala.(2015)
6. Innovative Practices: Scope in a two year B.Ed. Course **Resource Person** Ramgrhia College of Education Phagwara. (2015)
7. School Education: Universalisation and Quality Concerns **Resource Person** SGTB College of Education Sehke(2015)
8. Chaos in Values- Emerging Challenge for All **Theme Paper** Doraha College of Education, Doraha (ICSSR) (2015)
9. Action Research **Extension lecture** Babe Ke College of Education Mudki (2015)
10. Post NCTE 2014 Regulation Scenario of Teacher Education in Panjab **Resource Person** Redefining Teacher's Role as an Architect of Socio-Educational Change Jyotiba Fule College of Education Nagpur in collaboration with CTE (2015)
11. Skill Development in Higher Education **Chief Panelist** A.S. College Khanna in collaboration with PCMA(2015)
12. Mathematics and Mysticism **Resource Person** DST- Inspire, ISF College of Pharmacy (2015)
13. A Report on outcome of Brainstorming Session of CTE Pb. & Chd. Chapter **Resource Person** Issues and Challenges for Quality Teacher Education in Perspective of NCTE Regulation-2014 29<sup>th</sup> National Conference of CTE at Nalande College of Education Dehradun (2015)
14. Issues and Challenges for Quality Teacher Education in Perspective of Ncte Regulation-2014 **Chaired Session** 29<sup>th</sup> National Conference of CTE at Nalande College of Education Dehradun (2015)
15. Structure of Mathematics **Resource Person** DST- Inspire, ISF College of Pharmacy (2015)

16. Mathematics Education **Panelist** DAN College of Education for women Nawanshahr (2015)
17. Spirituality & Management **Chief Panelist** PCMA Conference at SGTB College Anandpur Sahib (2015)
18. Action Research **Resource Person** Skylark Edu Experts & CTE at Amritsar (2015)
19. Impact of Globalization on Values **Key Note** Govt. State College of Education Patiala (2016)
20. Morality and Current situation of Punjabi **Resource Person** Punjabi People Organization at Bhasha Bhawan Patiala (2016)
21. NAAC Accreditation: Methodology, Process and Problems **Chaired Session** Guru Nanak College for Girls Mukatsar (2016)
22. Mixed Method Research **Extension lecture** Deptt. of Educational studies Central University Jammu (2016)
23. Mathematics and Logic **Extension lecture** ISF College of Pharmacy Moga (2016)
24. Quality Concerns in Research **Theme Paper** GHG Khalsa College of Education (2016)
25. Questioning Skill **Resource Person** 113<sup>th</sup> OC at UGC- HRDC Panjab University Chd. (2016)
26. Seven Day FDP **Key Note** Ramgarhia College of Education Phagwara (2017)
27. Faculty Interaction for NAAC Preparation **Invited Talk** Guru Nanak College For Girls Muktsar Sahib (2017)
28. Inclusive Education **Invited Lecture** Smt. Jawala Devi College of Education Sanghol (2017)
29. Academia- Industry Collaboration **Resource Person** BCM College of Education (2017)
30. Making Sense Of Higher Education in India **Theme Paper** CTE State Conference: Higher Education Issues and Imperatives Bhai Gurdass College of Education, Sangrur (2017)
31. Research Methodology **Workshop** State College of Education, Patiala (2017)
32. Teaching Learning and Evaluation **Resource person** Dev Samaj College of Education, Sec. 36 B, Chandigarh (2017)
33. Assessment Practices: Issues and Prospects **Key Note** Gian Jyoti Institute of Education, Rajol (Kangra) (2017)
34. Skill Development in Higher Education **Theme Paper** International Divine College of Education, Ratwara (2017)
35. Kadran Keemtan ate Punjabi Sabiachar **Chaired Session** World Punjabi Conference, Brompton, Canada (2017)
36. Orientation for NAAC **Extension lecture** Khalsa College, Budhladha (2017)
37. Workshop on Model Based Lesson Plan **Resource person** Dev Samaj College of Education for women Ferozepur City (2017)
38. Research in Special Education **Resource person** Malwa Central College of Education for Women Ludhiana (2017)
39. Structure of Mathematics **Extension lecture** DST Inspire at SSM College, Dina Nagar (2017)

40. Reconstructing Teaching – Learning Process **Resource Person** Lyallpur Khalsa College for Women, Jalandhar (2018)
41. Teaching Learning Evaluation **Panelist** DD Jain Memorial College Ludhiana (2018)
42. Problems and Reforms in Evaluation System **Theme Paper** A.S.College of Education Khanna (2018)
43. Reconstructing Teaching Learning **Chaired Session R.S.D. College Ferozepur City.** (2018)
44. Environment Conservation Education **Theme Paper** Nankana Sahib College of Education, Kot Gangu Rai, Ludhiana(2018)
45. Rethinking Teacher Education **Theme Paper** 18<sup>th</sup> CTE Annual State Conference at DAN College of Education for Women, Nawanshahar (2018)
46. Realigning Evaluation Practices **Invited Lecture** FDP, Guru Nanak National College, Doraha (2018)
47. Empowering Learners Beyond Cognition **Theme Paper** Dev Samaj College of Education for Women Ferozpur City (2018)
48. Revitalising TLP Reinventing Evaluation Practices **Resource Person** Dev Samaj College of Education for Women Ferozpur City Two Sessions, FDP Doaba College Jalandhar (2019)
49. NAAC v/s QCI; Logical basis for this change **Theme Paper** GHG Khalsa college of Education Gurusar Sadhar (Ludhiana) (2019)
50. Teaching Sustainability: need of the hour **Invited Lecture** A.S. College of Education Khanna A.S. College of Education Khanna (2019).
51. Alluring Carrer Opportunities & Life Style Abroad **Theme Paper** 19<sup>th</sup> Annual State Conference of CTE GHGH Coe for women Sidhwan Khurd (2019)
52. Higher education and Social transformation: Affects & Effects **Resource Person** Bhai Gurdas Institute of Education Sangrur (2019)
53. Student and faculty voices in teaching and learning initiatives **Theme Paper** Sri Guru Granth Sahib World University Fatehgarh Sahib (2019)
54. Trends in teacher education **Key Note** Ranjit College of Education Jammu (2019)
55. Student and faculty voices in teaching and learning initiatives **Theme Paper** Sri Guru Granth Sahib World University Fatehgarh Sahib (2019)
56. Quality assurance and enhancement in higher education institutions **Key Note** Tariq College of Education Rajouri (JK) (2019)
57. Challenges for quality education in the present scenario **Key Note** Poonch College of Education Poonch (JK) (2019)
58. Conference on NEP (Draft) 2019 **Panelist** Rayat Group of Institutions, Rail Majra Ropar (2019)
59. DST – INSPIRE Programme **Resource Person** ISF College of Pharmacy Moga (2019)
60. NAAC Process orientation (Staff Interaction) **Resource Person** FDP Nawan Shahr (2019)
61. Penal Discussion on NEP 2019 **Panelist** Guru Nanak College for Girls Mukatsar (2019)



62. Workshop on Action Research **Resource Person** Mata Sahib Kaur Khalsa Girls College of Education Dhamomajra Patiala (2019)
63. Enhancing Teachers Competencies **Resource Person** GHGH College of Education for Women Sidhwan Khurd (2019)
64. Dialogue & Guru Nanak **Resource Person** GHG Khalsa College of Education Gurusar Sadhar (2019)
65. Strategies for Enhancing GER- Brain Storming Session **Resource Person** PU Chandigarh (2019)
66. Innovative Practices in TLP- Brain Storming Session **Key Note** Doaba College Jalandhar (2019)
67. Technology and Global Trends in Education for sustaining Peace and Values **Theme** Paper 21<sup>st</sup> Annual National Conference of CTEF at Christ University Bangalore (2020)
68. Digital Transformation for Sustainable Development **Key Note** Master Tara Singh Memorial College for Women Ludhiana (2020)
69. National Education Policy 2019 **Resource Person** 20<sup>th</sup> Annual State conference of CTEF Dev Samaj College of Education Chandigarh (2020)
70. Need of Technologies Development for Better Life of DIVYANGJAN **Panelist** RCTDDAP Department of Computer Science Punjabi University Patiala (2020)
71. Technology and Global Trends in Education for sustaining peace and values **Paper Presented** School of Education CHRIST (Deemed to be University) and Council for Teacher Education in Collaboration with Association of International Researchers Foundation of (CTEF) Indian Origin Emerging Research Paradigms For Sustainable Development: A move towards Quality Enhancement in Education (2020)

## **Research Guidance**

### **M.Phil or Equivalent**

One student completed.

1. Gurbeer Singh: **Educational Administration of the Secondary Schools of Punjab State during academic session 2009-10 and 2010-11: A Case Study**

### **Ph.D. or Equivalent**

1. Jaspal Singh (completed 2010) **Study of burn out among face to face and distance mode teachers in relation to their job satisfaction and organizational climate.** Panjab University Chandigarh

2. Rekha (completed 2011) **Effect of Ron Davis approach and eclectic approach on reading ability among primary school dyslexic children** Panjab University Chandigarh
3. Simarpreet Kaur (completed 2012) **Effectiveness of Stad and Jigsaw II techniques of cooperative learning on language proficiency skills of Pre-service teachers** Panjab University Chandigarh
4. Vikas Kumar (completed 2012) **An Assessment of achievement in Geometry at various levels of The Van Hiele's model of thinking among students and teachers** Panjab University Chandigarh
5. Gurbeer Singh (completed 2012) **An analytical study of administration of Govt. schools of Punjab state during the period 2009-2014** Panjab University Chandigarh
6. Jaskaranjeet Singh (completed 2012) **Effect of concept mapping strategy in Mathematics on achievement and Mathematical creativity in relation to their critical thinking.** Panjab University Chandigarh
7. Gaurav (completed 2013) **Impact of a Remedial Strategy on Trigonometrical Error Patterns in relation to Cognitive Styles and Cerebral Dominance** Punjab University Chandigarh
8. Pargat Singh (completed 2014) **Effect of comparative learning on critical thinking social competence and achievement in social science of secondary school students** Panjab University Chandigarh
9. Gurwinder Singh (Completed 2018) **An Analytical Study of Punjabi Curriculum, Transaction Practices and Language Skills at School Level.** Panjab University Chandigarh

## NAAC PEER TEAM VISITS

- **6.4.2015 - 8.4.2015** as a member Peer Team at Tau Devi Lal Memorial College of Education Panipat
- **25.5.2015 - 27.5.2015** as a member Peer Team at Navjyoti Shiksha Prashikshan Mahavidyalya Sikar Rajasthan
- **03.04.2016 - 07.04.2016** as member Peer team at Jamshadpur Cooperative College Jamshedpur
- **22.08.2016 - 24.08.2016** as a member Peer team at Kirorimal College of Education Bhiwani
- **3.10.2016 - 5.10.2016** as a member Peer Team at Satyug Darshan Institute of Education & Research Bhupani Faridabad
- **20.10.2006 - 22.10.2006** as a member Peer Team at Indus College of Education Rohtak
- **06.11.2016 - 09.11.2016** as a member Peer team at College of Education Deg (Raj)

## PAPER SETTER

Paper setter for Punjab University Chandigarh, Panjabi University Patiala, GNDU Amritsar, HPU Shimla, KU Kurukshetra and CU Jammu