

## CURRICULUM VITAE



**Prof. Adit Gupta**  
**Director & Principal**  
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### Personal Details

**Name** : Prof. ADIT GUPTA  
**Father's Name** : Dr. Arun K. Gupta  
**Date of Birth** : June 28, 1973  
**Permanent Address** : Model Institute of Education & Research  
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**Marital Status** : Married  
**Nationality** : Indian

### Academic Qualification

S. No	Name of the Examination	Year	Name of the Institution / University
1	Ph.D. (Learning Environments)	2008	Curtin University Perth, Australia
2	M.A. (Psychology)	2001	Deptt. of Psychology Annamalai University,
3	M.Ed. with Dissertation	1996	Deptt. of Education Kurukshetra University
4	B.Ed.	1994	MIER College of Education, University of Jammu
5	B.Sc. (Non-Medical)	1993	St. Stephen's College, University of Delhi
6	Higher Secondary Examination (12 <sup>th</sup> )	1990	Model Academy J&K State Board of School Education
7	Secondary School Examinations (10 <sup>th</sup> )	1988	Model Academy J&K State Board of School Education

## Current Engagements

- **Director** of MIER Group of Institutions since January 2017
- **Professor** at MIER College of Education Since 2016
- **Principal** of the MIER College of Education Since April 2018
- **Adjunct Research Fellow** at Curtin University, Perth, Australia
- **Editor-in-Chief** of MIER Journal of Educational Studies, Trends and Practices

## Professional Experience

- Total **27 years** of teaching and administrative experience at the School and College level. This includes 10 years as the Joint Director of **Model Institute of Education and Research (MIER), Jammu** and 10 years as the Principal Model Academy – a prestigious 88-year-old School of MIER.

As the Principal of Model Academy, I was instrumental in bringing qualitative changes in the teaching-learning process from the pre-school to the senior secondary level. The school bagged topmost positions in the board examinations and students were provided ample opportunities to participate in co-curricular activities and sports at the state and national level. During my tenure Model Academy became the first school to introduce educational technology in classrooms to enrich the teaching-learning process and receive the ISO 9001:2000 certificate for its quality management system.

- **14 years** of teaching experience at the Post-Graduate level (M.Ed./M.Phil. programme) and **13 years** of teaching experience at the B.Ed. level.

Being a Principal and Professor at the MIER College of Education, I have been able to play a leadership role as an academician and a researcher. Using educational technology in the classroom, I brought innovative changes in the learning styles of the teacher trainees. Having international experience in conducting research, I have been able to provide students exposure to multi-methods research and have helped them bring out research publications in the field of ‘Learning Environments’, a new research area in our country. I am also the secretary of the governing body and chairperson of the academic council and board of studies of the college. I fully participate in planning and implementing policy decisions imperative for the growth of the college. I was also involved with framing the quality objectives of the college as per NAAC parameters. I have forged key linkages with national and international organisations and helped improve the college's social and academic stature. I have been instrumental in preparing the UGC proposals for the “**Autonomous Status**” grant to the college and for the status of “**College with Potential for Excellence**”. Both these statuses were given to the college, and I made the presentations for the UGC expert committees and followed the cases at the New Delhi office of the UGC.

- Subjects taught include English, Chemistry, Educational Psychology, Educational Measurement and Evaluation, and Methods of Data Analysis.

- Worked as a **reviewer and assessor** of research papers for the **8<sup>th</sup> International Conference on Science, Mathematics, and Technology Education** held in Jakarta in November 2015.
- Worked as a **reviewer and assessor** of research papers for the **6<sup>th</sup> International Conference on Science, Mathematics and Technology Education** held in Taiwan in January 2010 and the Annual Conference of the **National Association of Research in Science Teaching (NARST)** held in Philadelphia and Indianapolis in April 2010 and March 2012.
- Visited the **United States of America** on the invitation of the US Government, Department of State under the '**International Visitors Leadership Programme**' to **study the system of Primary & Secondary Education in the United States** from 9<sup>th</sup> to 30<sup>th</sup> September 2006.
- **Trained Assessor** of the **National Assessment and Accreditation Council (NAAC)** and have visited numerous institutions for assessment:
- Nominated member of the **UGC Expert Committee** for grant of Autonomous Status to the Smt. Kapila Khandvala College of Education Mumbai from 29<sup>th</sup> to 30<sup>th</sup> July 2021

### **Research Experience**

- **Ph.D.** in the area of “Learning Environments of Technology Supported Secondary Science Classrooms” at **Curtin University of Technology, Perth, Australia.**
- **M.Ed. Dissertation** on “Study of the Efficacy of Computer Assisted Instructional Technique over Conventional method for the Teaching of Chemistry at the Ninth Grade Level”, at **Kurukshetra University.**
- Nominated as a **Supervisor** for guiding research dissertations of M.Ed., M.Phil. and Ph.D students at **MIER College of Education.**
- Nominated as a **Co-Supervisor** for guiding Ph.D. students by the **Banasthali Vidyapeeth University, Rajasthan** in the field of Education.
- Appointed **Evaluator** for Doctoral Thesis at the **Curtin University, Perth, Australia** and the **International Islamic University, Islamabad.**
- **Advisory Board Member** of AKCE QUEST: A Journal of Educational Research.
- **Advisory Board Member** of International Journal of Innovation in Teaching and Learning (IJITL).
- **Editorial Board Member/Reviewer for the following Journals:**
  - 1) Learning Environments Research: An International Journal (SCOPUS, SSCI)
  - 2) International Journal of Innovation in Teaching and Learning
  - 3) Australasian Journal of Educational Technology (SCOPUS, SSCI)
  - 4) Behaviour and Information Technology (SCOPUS, SSCI)

- 5) AI Enhanced Learning (AIEL)
- 6) International Journal of Information and Education Technology (IJJET)
- 7) Social Education Research.

### **Outstanding Performances / Awards**

- Received the “**Mendeley Advisor Certification**” from ELSEVIER for being an expert and promoting the use of Mendeley, a reference manager tool for research.
- Recipient of the “**Best Senior Researcher Award 2020**” by the International Journal of Modern Trends in Science and Technology (IJMTST) under the IJMTST Research Excellence Awards 2020.
- Recipient of the **International Academic Leader Award 2020-21**. The International Institute of Organised Research gave the award for providing ‘Outstanding Academic Leadership’ as the Principal of MIER College of Education.
- Recipient of the **National Eminent Editor Award 2020**. The International Institute of Organised Research awarded the award for ‘Outstanding Contribution’ as the Managing Editor of MIER Journal of Educational Studies, Trends and Practices.
- Recipient of the **2018 I2OR-Editorial Excellence Award**. The International Institute of Organised Research awarded the award for ‘Outstanding Contribution’ as the Managing Editor of MIER Journal of Educational Studies, Trends and Practices.
- Recipient of the **2017 I2OR-Editorial Excellence Award**. The International Institute of Organised Research awarded the award for ‘Outstanding Contribution’ as the Managing Editor of MIER Journal of Educational Studies, Trends and Practices.
- Appointed as an **Endeavour Awards Ambassador** by the Australian Government in **March 2016**. Ms Harinder Sidhu, the Australian High Commissioner to India, presented the awards.
- Recipient of the **2009 Endeavour Executive Award**. The Endeavour Awards are the **Australian Government’s** internationally competitive, merit-based scholarship program providing high-achieving individuals with a unique opportunity to undertake study, research or professional development.
- Recipient of the **Best Paper Award** at the **International Conference on Quality Assurance in Educational Research** organised by Model Institute of Education and Research and All India Association for Education Research at Jammu in December 2008.
- **Ranked Second in the** in B.Ed. Degree Annual Examination of the University of Jammu.
- Received an **Appreciation Award** for planning and conducting the **APSSNET National Training Workshop** on ICT and CAI in collaboration with **UNESCO, Bangkok**, at MIER, Jammu.

- Received an **Appreciation Award for Educational Innovation** for implementing the **Electronic Classroom Project** for technology teaching in classrooms at Model Institute of Education and Research, Jammu.
- Presented with the **Measure of Achievement** for inspiring teachers and students to perform remarkably in the International Informatics Olympiad 2005 by Silver Zone, New Delhi.

### Patents

- Received the Certificate of Grant of an **Innovation Patent** from the Registrar of Patents-Commonwealth of Australia for research on “Method To Study Impact Of Online Classroom Platform On Learning And Collaboration At Teacher Education Level”. **Patent No: 2021100835 Date of Issue: April 7, 2021, Valid for 8 Years.**
- Received the Certificate of Grant of a **Utility Patent** from the German Patent and Trademark Office for research on “Assessing Digital Media Skills among Different Stakeholders and their Attitudes Towards MOOCs in Higher Education Institutions.”. Patent No: 202023100393 Date of Issue: February 12, 2023.
- Received the Certificate of Grant of a **Utility Patent** from the German Patent and Trademark Office for research on “A survey of MOOCs as an ICT Tool in Teacher Education”. Patent No: 202023100409 Date of Issue: February 09, 2023.

### Referred Journal Articles

- Rana, N., Pervaiz, U., & Gupta, A. (2025). Socioeconomic and academic dynamics that are shaping bachelor of education students' well-being. *The Journal of Innovative Practices in Education*, 1(1), 9-41. [https://www.researchgate.net/publication/388778371\\_Socioeconomic\\_and\\_Academic\\_Dynamics\\_that\\_are\\_Shaping\\_Bachelor\\_of\\_Education\\_Students'\\_Well-being](https://www.researchgate.net/publication/388778371_Socioeconomic_and_Academic_Dynamics_that_are_Shaping_Bachelor_of_Education_Students'_Well-being)
- Gupta, A., Sawhney, S., & Gupta, A. (2025). Examining the state of accreditation for engineering programs in India: Insights, challenges and future directions. *Journal of Engineering Education Transformations*, 38(3), 44-59. <https://doi.org/10.16920/jeet/2024/v38i3/24244>
- Kumari, A., & Gupta, A. (2024). Correlating computer laboratory environments with student attitudes and efficacy: A study in Indian secondary schools. *Social Education Research*, 6(1), 20–38. <https://doi.org/10.37256/ser.6120255285>
- Gupta, A., Sawhney, S., Nanda, A., & Gupta, A. (2024). Exploring the factors influencing institutional adoption and successful implementation of paid MOOC platforms: Perspectives from a case-study at an institution in a tier-2 city in India. *Journal of Informatics Education and Research*, 4(2), 3514-3529. <https://doi.org/10.52783/jier.v4i2.1278>
- Gupta, A., Rana, N., & Raj, M. (2024). Digital media skills among different stakeholders and their attitude towards MOOCs in higher education institutions. *Journal of Educational Science and Technology*, 10(1), 44-53. <https://ojs.unm.ac.id/JEST/article/view/59317>

- Gupta, A., Rana, N., & Raj, M. (2022). Role of digital media in building world class institutions with special reference to teaching-learning: A survey. *European Journal of Education Studies*, 9(7), 13-30. <https://doi.org/10.46827/ejes.v9i7.4349>
- Raj, M., Gupta, A., & Slathia, N. (2021). The use of social networking sites and other services for learning among college youth. *European Journal of Education and Pedagogy*, 2(2), 5-8. <https://doi.org/10.24018/ejedu.2021.2.2.59>
- Gupta, A., & Gupta, J. (2020). Teachers' perception of principals' interpersonal behaviour and attitude towards teaching profession. *European Journal of Education Studies*, 7(10), 451-467.
- Gupta, A., & Pathania, P. (2020). To study the impact of Google Classroom as a platform of learning and collaboration at the teacher education level. *Education and Information Technologies*, 26, 843–857. <https://doi.org/10.1007/s10639-020-10294-1>
- Gupta, A., & Rakwal, R. (2020). A study of the perceptions of teacher trainees towards the two-year teacher education programme being run in India. *Social Education Research*, 1(2), 79-86. <https://doi.org/10.37256/ser.122020137>
- Lata, S., & Gupta, A. (2019). An assessment of physics laboratory learning environments, teacher interpersonal behaviour and their association with students' attitude towards physics in higher secondary schools of Jammu city. *MIER Journal of Educational Studies, Trends and Practices*, 9(2), 241-262.
- Koul, A., Raj, M., & Gupta, A. (2018). Assessing the computer laboratory learning environments in relation to the students' attitudes towards computers. *International Journal of Current Advanced Research*, 7(7), 14188-14195. <http://dx.doi.org/10.24327/ijcar.2018.14195.2565>
- Gupta, A., & Sharma, A. (2017). An assessment of the chemistry laboratory learning environments and teacher student interactions at the higher secondary level. *International Journal of Research Studies in Education*, 7(2), 1-14.
- Kour, J., & Gupta, A. (2016). An assessment of the technology supported learning environments and attitude towards technology in selected NAAC accredited colleges of education in Jammu. *MIER Journal of Educational Studies, Trends and Practices*, 6(2), 155-177.
- Gupta, A., & Kour, I. (2016). Learning environments in a tablet based English language lab. *European Journal of Education Studies*, 2(7), 71-91.
- Kumari, M., Goswami, V., & Gupta, A. (2015). Learning environments of technology-supported teacher education classrooms in relation to gender, previous qualifications and teaching subjects. *MIER Journal of Educational Studies, Trends and Practices*, 5(1), 71-86.
- Kumari, M., Goswami, V., & Gupta, A. (2015). Teacher student interactions in technology-supported teacher education classrooms. *Expression- A Journal of Social Science*, 1(2), 25-32.

- Gupta, A., Koul, R., & Sharma, M. (2015). Assessing the science laboratory learning environments at the senior secondary level in an Indian school. *Educational Quest: An International Journal of Education and Applied Social Sciences*, 6(1), 1-9.
- Gupta, A. (2014). Qualitative and quantitative assessment of the technology-supported science classroom learning environments. *Researcher's Tandem*, 5(17), 3-21.
- Gupta, A., & Koul, R. (2014). Assessing teacher educators' interpersonal behaviour in a teacher education classroom setting in India. *Journal of Education and Pedagogy*, 6(1), 9-24.
- Gupta, A., & Fisher, D.L. (2012). Technology-supported learning environments in science classrooms in India. *Learning Environments Research*, 15(2), 195-216.
- Gupta, A., & Fisher, D.L. (2011). Teacher-student interactions in a technology-supported science classroom environment in relation to selected learner outcomes: an Indian study. *MIER Journal of Educational Studies, Trends and Practices*, 1(1), 41-59.

### Book Chapters

- Gupta, A., & Raj, M. (2024). **Learners' Experience, Satisfaction and Voice in Blended Learning: A Case Study in an Indian Higher Education Institution**. In: Panda, S., Mishra, S., Misra, P.K. (eds) *Case Studies on Blended Learning in Higher Education*. Springer, Singapore. [https://doi.org/10.1007/978-981-97-9388-4\\_9](https://doi.org/10.1007/978-981-97-9388-4_9)
- Gupta, A., & Rana, N. (2024). **Technology integration in teacher education: A NEP-2020 perspective**. In M. R. Panigrahi & J. S. Ranawat (Eds.), *National Education Policy 2020: Transforming higher education* (pp. 191-214). SU Publications. [https://pi360.net/mier/institute\\_data/records/research/Research\\_17249\\_18581.pdf](https://pi360.net/mier/institute_data/records/research/Research_17249_18581.pdf)
- A chapter on '*An Assessment of the Learning Environment and Teacher Interpersonal Behaviour at the Teacher Education Level*' has been published in an edited book entitled '*Effective Teaching Around the World: Theoretical, Empirical, Methodological and Practical Insights*' by Ridwan Maulana, Michelle Helms-Lorenz, Robert M. Klassen published by Springer in **June 2023** (ISBN 978-3-031-31678-4, DOI: [https://doi.org/10.1007/978-3-031-31678-4\\_12](https://doi.org/10.1007/978-3-031-31678-4_12) ).
- A chapter on '*The Changing Nature of Science Classrooms in Indian Schools: A Technology Perspective*' has been published in an edited book entitled '*Science Education in India: Philosophical, Historical, and Contemporary Conversations*' by Rekha Koul, Geeta Verma and Vanashri Nargund-Joshi published by Springer in **September 2019** (ISBN 978-981-13-9592-5, DOI [https://doi.org/10.1007/978-981-13-9593-2\\_12](https://doi.org/10.1007/978-981-13-9593-2_12) ).

### Research Projects

- **ICSSR Project** under the IMPRESS Scheme entitled “**Role of Digital Media in Building World Class Educational Institutions with special reference to Teaching-Learning**” is in progress. A grant of **Rs.7.0 Lacs** has been sanctioned for this project.

## Google Scholar

*Citation Index URL:*

<https://scholar.google.co.in/citations?user=9xgSBRkAAAAJ&hl=en&authuser=1>

## Edited Publications

- Book on Promoting Human Rights and Moral Values in Higher Education.
- Report of UGC sponsored Research Project on “A Study of Young Women in Jammu City viz-a-viz their Aspirations, Opportunities and Barriers.
- Research Perspectives – Summaries of Research Dissertations by M.Ed. Students (2012, 2013, 2014 and 2017).
- Book on Building World Class Educational Institutions- Issues and Challenges published by MIER College of Education (ISBN:9788195280803)
- Report on the Baseline Study on Technology-Enabled Learning at Model Institute of Education and Research sponsored by Commonwealth of Learning, Canada.

## Seminars / Conferences / Workshops Attended and Papers Presented

- Delivered the inaugural address on "**Upskilling in Teacher Education: Empowering Educators for the NEP 2020 Vision**" at the International Webinar on "The Educator's Toolkit: Upskilling for 21st Century Classrooms" organised by Smt. Kapila Khandvala College of Education (Autonomous), Mumbai on March 11, 2025.
- Presented a keynote address on "**Globalization of Indian Higher Education: Enhancing Global Rankings and Competitiveness**" at the ICSSR National Seminar on "A New Dawn for Indian Higher Education: Embracing the Paradigm Shift" hosted by G.H.G. Khalsa College of Education, Ludhiana on March 7, 2025.
- Presented a paper on the theme “**Assessing the Perceptions of Students’ and Teachers’ Towards Blended Learning and Its Effectiveness on The Learning Performance of Students: A Case Study in an Indian Higher Education Institution**” at the E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education organised by the Association for the Advancement of Computing in Education (AACE), at Singapore from 7<sup>th</sup> to 10<sup>th</sup> October 2024.
- Participated in the ‘**ASEAN Stakeholder Summit on Generative AI for Education**’ at the Asia Pacific University of Technology & Innovation, Kuala Lumpur, Malaysia, from 14<sup>th</sup> to 15<sup>th</sup> May 2024.



- Presented a Keynote on ‘**STEM Education: Challenges in the Teaching-Learning Process**’ at the One Day International Symposium on STEM Education organised by the West Guwahati College Of Education, Guwahati, on December 18, 2023.
- Presented a Keynote on "**Blended Learning: Future, Challenges and the Role of AI**" at the Digitalization & Education Conference 2023: Current & Emerging Technologies in Education organised by the Artificial Intelligence Corporate Training Institute, Johannesburg, South Africa, on August 25, 2023.
- Participated in the **Technology-Enabled Learning Initiative Trainers’ Workshop** and the **10<sup>th</sup> Pan-Commonwealth Forum on Open Learning conference (PCF10) in Calgary, Canada**, from 13<sup>th</sup> to 16<sup>th</sup> September 2022.
- Delivered a Keynote address on the theme “**Promoting Entrepreneurship and Innovation in Higher Education Institutions**” at Model Institute of Engineering and Technology, Jammu on June 9, 2022. The event was organised under the Institutions Innovation Council (IIC) of the Ministry of Education to promote entrepreneurship, innovation and start-up culture in educational institutions.
- Presented a paper on the theme “**Building a Digital University Ecosystem Using Innovations in Emerging Educational Technologies**” at the NAAC sponsored International Conference on Perspectives in Teaching, Learning and Assessment during COBID-19 Pandemic organised by MIER College of Education, Jammu from 19<sup>th</sup> to 20<sup>th</sup> May 2022
- Delivered a Keynote address on the theme “**Innovative Practices in Research**” at Mar Theophilus Training College, Kerala on March 28, 2022.
- Delivered the Twenty-First expert lecture of the prestigious Prof. R. G. Kothari Lecture Series in collaboration with Council for Teacher Education Foundation (CTEF) Gujarat on the theme “**Innovative Practices in Research**” on February 28, 2022.
- Delivered a Keynote Address on the theme “**NAAC Criteria 1 (Curricular Aspects)**” during a National Webinar organised by Gujranwala Guru Nanak Khalsa College, Ludhiana on August 6, 2021.
- Delivered a Keynote Address on the theme “**Innovative Practices in Research and Technology**” during the Capacity Building Programme at Multani Mal Modi College, Patiala on July 17, 2021.
- Delivered a Keynote Address on the theme “**Innovative Practices in Research and Technology**” during the Faculty Development Programme at GHG Khalsa College of Education, Ludhiana on June 26, 2021.
- Delivered a Keynote Address on the theme “**Challenges of Strategic Planning**” in an AICTE sponsored training Programme at Model Institute of Engineering and Technology on June 11, 2021.
- Participated in a one-day workshop on “**Book and Article Publishing and Springer Link Platform Demonstration**” organised by the School of Education, Guru Nanak Dev University, Amritsar on April 22, 2020.

- Participated in a one-day workshop on “**Planning and Organising Research Using SCOPUS and Mendeley**” organised by the School of Education, Guru Nanak Dev University, Amritsar on April 10, 2020.
- Acted as a resource person in the two weeks workshop on the theme “**ICT Integration in Teaching and Learning**” organised by School of Education, Guru Nanak Dev University, Amritsar on December 5, 2019
- Participated in the two-days international conference on “**Building World Class Educational Institutions: Issues and Challenges**” organised by the MIER College of Education from August 30-31, 2019.
- Participated in a two-day state level workshop on “**Training of Trainers**” organised by the NAAC Bengaluru at GGM Science College Jammu on December 10-11, 2018.
- Presented a paper on “**To Study the Psychosocial Learning Environments of a Tinkering Laboratory in Promoting STEM Education**” at the International Conference on STEM Education organized by Deakin university, Geelong Australia in November 2018.
- Presented **Keynote Address** on the theme “**Academic Audit**” at the 2 Days NAAC Sponsored National Seminar on “Performance Assessment and Bench-marking of Higher Education Institutions” on 21st-22nd October 2016 at MIET, Jammu.
- Attended a One-day state level RCI sponsored workshop on “**Journey Towards Inclusion**” organised by the MIER College of Education in April 2016.
- Paper entitled “**An Assessment of the Technology Supported Learning Environments and Attitude Towards Technology in Selected NAAC Accredited Colleges of Education in Jammu, India**” presented at the *Eighth International Conference on Science, Mathematics and Technology Education* at Jakarta, Indonesia to be held from 22<sup>nd</sup> to 24<sup>th</sup> November 2015.
- Attended a workshop on “**Revamping Teacher Education Curriculum**” organised by the PG Department of Education, University of Jammu on 18<sup>th</sup> and 19<sup>th</sup> May 2015.
- Paper entitled “**Practical Applications of Technology for Enhancing Research Output**” presented at the *NAAC Sponsored National Seminar on Quality Improvement in Teacher Education Through ICT* organised at the MIER College of Education on 15<sup>th</sup> November 2014.
- Attended a one-day state level workshop on “**Effective Functioning of IQAC-Issues and Strategies**” organised by the IQAC cell of the MIER College of Education in April 2014.
- Attended two days UGC sponsored national seminar on “**Human Rights and Moral Values in Higher Education**” organised by the MIER College of Education in March 2013.

- Attended a one-day RCI sponsored national workshop on **“Course Coordinators Meet”** organised by the MIER College of Education in March 2013.
- Paper on **“Comparative Study of the Learning Environments of Secondary Science Classrooms in Government and Private Schools”** selected for presentation at the 2012 NARST Annual International Conference at Indianapolis, USA.
- Attended a one-day RCI sponsored national workshop on **“Sensitising Judiciary Officials in the Field of Disability”** organised by the MIER College of Education in March 2012.
- Attended the **‘Assessors Interaction Meeting (AIM)’** organised by the **National Assessment and Accreditation Council (NAAC)** from 8<sup>th</sup> to 9<sup>th</sup> September 2011 at Bangalore.
- Attended a one-day RCI sponsored national workshop on **“Disability and its Management”** organised by the MIER College of Education in December 2010.
- Paper on **“Assessing the Technology-Supported Science Learning Environment”** selected for presentation at the 2010 NARST Annual International Conference at Philadelphia, USA held in March 2010.
- Paper on **“Assessing the Science Laboratory Learning Environments at the Senior Secondary Level in an Indian School”** selected for presentation at the 6<sup>th</sup> International Conference on Science Mathematics and Technology Education at Hualin, Taiwan held in January 2010.
- Attended a UNESCO sponsored national workshop on **“Human Rights, World Peace and Environment”** organised by the Model Institute of Education and Research in January 2010.
- Co-Authored a paper titled **“Enhancing the Quality of Higher Education Through Information and communication Technology”** for presentation at the National Conference on Improving the Quality of Teaching and Learning in Higher education: Issues, Practices and Assessment organized by Model Institute of Education and Research and National Assessment and Accreditation Council (NAAC) at Jammu in October 2009.
- Attended a one-day RCI sponsored national workshop on **“Summit of Minds-United Nations Convention on the Rights of Persons with Disabilities”** organised by the Model Institute of Education and Research, March 2009.
- Participated in a workshop on **Action Research- Methodology, Strategies and Supervision** at MIER College of Education in March 2009 conducted by Prof. Lokesh Koul, Professor Emeritus and Former Dean Faculty of Education, H.P. University.
- Presented a paper on **“Learning Environments Research: A Thrust Area in India”** at the International Conference on Quality Assurance in Educational Research organized by Model Institute of Education and Research and All India Association for Education Research at Jammu in December 2008.

- Paper on **“Teacher-Student Interactions in a Technology-Supported Science Classroom Environment in Relation to Selected Learner Outcomes: an Indian Study”** selected for presentation at the 5<sup>th</sup> International Conference on Science Mathematics and Technology Education at Udon Thani, Thailand held in January 2008.
- Participated in a national workshop on **Successful implementation of Inclusive Education** as a resource person at MIER College of Education in December 2007 and presented a paper on **“Role of Teachers in Promoting Inclusive Education”**.
- Presented a paper on **“Learning Environments of Technology-Supported Science Classrooms in Relation to Selected Learner Outcomes”** at the International Conference on Universal Quality School Education organized by Educational Technology Management Academy New Delhi in November 2007.
- Paper on **“Psychosocial Learning Environments of Technology Rich Science Classrooms in India”** selected for presentation at the annual conference of Australian Association for Research in Education (AARE) at Fremantle (Perth) Australia held in November 2007.
- Presented a paper on **“Learning Environments of Technology Rich Science Classrooms in Relation to student Perception, Attitude, Achievement and Efficiency”** at the Australasian Science Education Research Association (ASERA) Conference in July 2007 at Perth, Australia.
- Presented a paper on **“Role of ICT in the Teaching-Learning Process”** at the UGC sponsored national seminar on **‘Excellence in Teacher Education’** in January 2007 at MIER College of Education, Jammu, India.
- Attended the **India-UK ICT Conference on “Integrating Technology in Education and Training”** at the **British Council** at New Delhi in 2005
- Participated in an **International Training Workshop on “Creating E-Books”** organized by the Regional Office of the United Nations Educational, Scientific and Cultural Organization (UNESCO) at **Bangkok (Thailand)** in the year 2004.
- Participated in an **International Training Workshop on Information and Communication Technology (ICT) and Computer Assisted Instruction (CAI)** organized by the Regional Office of the United Nations Educational, Scientific and Cultural Organization (UNESCO) at **Bangkok (Thailand)** in the year 2001.
- Attended **“BLUEPRINTS FOR SUCCESS” by Shiv Khara** – a workshop on Personal and Professional Development organized by Qualified Learning Systems (India).
- Attended a three days’ workshop on **“Quality Education” by Prof. M.R. Chilana** at MIER College of Education

- Attended a three-day conference on “**GLOBE – a K-12 Network of Students, Teachers and Scientists to Learn more about Environment**” organized by J&K State Board of School Education.

### **Consultancy Projects**

- Received a grant of Rs.60,000/- for providing editorial consultancy to the *Eighth International Conference on Science, Mathematics and Technology Education* organised by University of Jakarta and Curtin University Australia in 2016.
- Received a grant of Rs.60 Lacs for conducting the ACCESS English Micro-Scholarship programme of the US government for a period of 2 years from 2012-14.

### **Doctoral Thesis: 1 Completed & 1 Under Progress**

- Learning environments of technology supported classrooms in teacher education programme Submitted by Ms. Monika Kumari at the Department of Education Banasthali Vidyapith, Rajasthan in 2016.
- Effect of flipped classroom strategy on the academic achievement and learning environment of 9th class students in English in relation to their motivation (**being pursued by Ms. Arpana Koul at Lovely Professional University, Jalandhar**).

### **M.Phil Thesis: 3**

- An assessment of physics laboratory learning environments, teacher interpersonal behaviour and their association with students' attitude towards physics in higher secondary schools.
- Teachers' perceptions of principals' interpersonal behaviour and attitude towards the teaching profession at different levels of appointment.
- Learning environments of technology supported classrooms and teacher-student interactions in teaching science using a flipped classroom approach at the secondary level.

## **Dissertations at the Master of Education (M.Ed.) Level: 41**

- A study of the computer laboratory learning environments in some selected private schools of Jammu in relation to the student's attitudes towards computers.
- A comparative study of the technology supported learning environments in science classrooms of some selected state board and central board schools of Jammu with respect to student's attitudes towards science & academic efficacy.
- A comparative study of the learning environments of science classrooms at secondary stage in government and private schools of Jammu in relation to attitudes towards science and academic efficacy.
- A comparative study of the science laboratory learning environments at the secondary level in CBSE and J&K Board affiliated schools.
- A comparative study of teacher educator's interpersonal behaviour in classroom settings in selected colleges of education in Jammu city.
- A study of the English classroom learning environments and students' attitudes towards English in government and private secondary schools of Jammu.
- Student's perceptions of science classroom learning environments at middle and secondary stage in private schools of Jammu.
- A comparative study of the students' attitudes towards science at secondary level in state board and CBSE affiliated schools of Jammu city.
- A comparative study of learning environments of mathematics classrooms at the secondary level in government and private schools of Jammu.
- A comparative study of perceptions about an ideal teacher at the secondary level among urban and rural secondary students.
- Assessing the Teacher-Student Interactions in English Classrooms at the Secondary Level in Relation to the Attitudes of Students Towards English.
- A Study of the Science Laboratory Learning Environments and its Association with Attitude Towards Science in Secondary Schools of Jammu City.
- A Study of the Learning Environments of Secondary Social Studies Classrooms in Relation to Students' Attitudes Towards Social Studies.
- A Study of the Students' Perceptions of Engineering Classroom Learning Environments and their Association with Attitudes Towards Engineering.
- A Study of the Effectiveness of the Computer Education Programme by Assessing the Computer Laboratory Learning Environments at the Middle Level in Jammu City.
- A Comparative Study of the Teacher Education Classroom Learning Environments in Relation to Attitudes of Teacher Trainees.

- An Assessment of the Technology-Enabled Classroom Learning Environments at the B.Ed. Level in Relation to Attitude of Teacher Trainees Towards Technology.
- A comparative study of the Science Classroom learning Environment at the middle level in selected J&K Board and CBSE affiliated schools of Jammu City.
- A study to assess the teacher interpersonal behaviour in science classrooms at the middle and secondary level in selected private schools of Jammu city.
- A study to compare teacher student interactions in educational psychology classrooms of selected NAAC Accredited colleges of education in Jammu City.
- A study of the computer laboratory learning Environments in selected NAAC Accredited B.Ed. Colleges of Jammu City.
- A study of the English classroom learning environments and students' attitudes towards English in private middle schools of Jammu.
- To assess the learning environments of technology supported mathematics classrooms in selected private secondary schools of Jammu city.
- A study to compare the technology rich science classroom learning environments at the middle level in selected CBSE and J&K State Board Affiliated Schools of Jammu City.
- A Comparative Study of the Psycho-Social Learning Environments in the Science and Mathematics Classrooms in private high schools of Jammu city.
- Teacher Student Interactions in Science Classrooms at the Middle and Secondary level in schools of Jammu City.
- A Comparative Study of the Learning Environments of Technology Rich Science Classrooms at the middle and secondary school level in Jammu.
- A comparative study of perceptions about an ideal teacher educator in NAAC Accredited and Non NAAC Accredited Colleges of Education in Jammu City.
- A Study of the English Classroom Learning environments as perceived by the students of 9<sup>th</sup> Class in Government and Private Schools.
- A comparative study of the teacher-student interactions and learning environments at the MBA and MCA level in selected higher education institutions of Jammu.
- A study of the teacher student interactions and laboratory learning environments in chemistry classes at the higher secondary level in Jammu.
- An assessment of the attitude towards educational technology and technology supported learning environments in NAAC accredited colleges of education in Jammu.

- A comparative study of the engineering classroom learning environments in early and advanced semester students in colleges of engineering in Jammu.
- To assess the effectiveness of the tablet based English language lab for improving the English language skills of 8<sup>th</sup> and 9<sup>th</sup> class students.
- To study the effect of technology on the learning environments and academic achievement in Science of secondary school students.
- To assess the Interpersonal behaviour of school Principals based on the perceptions of teachers.
- To assess the Web Based Learning Environments in secondary science classrooms and its association with attitude towards science.
- A study of the Computer Laboratory learning environments in NAAC accredited colleges of education.
- A Study of the Students perceptions of Assessment in Science classrooms in relation to specific variables.
- A comparative study of the teacher-student interactions and students' attitudes towards science at the secondary level in selected CBSE affiliated schools of Jammu city.
- A Study to Compare the Technology Supported Social Studies Classroom Learning Environments at the Secondary level in selected Schools of Jammu City.

### **Membership in Professional Bodies**

- National Association for Research in Science Teaching (**NARST**), USA
- American Educational Research Association (**AERA**)
- Australian Science Education Research Association (**ASERA**)
- European Association of Technology Enhance Learning (**EATEL**)
- All India Association for Educational Research (**AIAER**)

### **Area of Specialisation**

- Technology Supported Learning Environments & Teacher-Student Interactions.
- Generative AI in Education & Blended Learning.
- Educational Measurement and Evaluation, Teacher Education & School Education.

### **Interests**

- Music & Drama – I have Won Numerous Prizes in dramatics during my academic career. Organised and directed several cultural Programmes and other events at the School and College Levels.
- I love travelling and have also led groups of students on various educational and adventure tours.



## **Games and Sports**

- A keen Cricketer, Badminton and Table Tennis Player. Represented St. Stephen's College (Delhi) in the Inter-College Badminton Championship. Also, have interest in adventure sports and love for outdoor activities such as hiking.

## **Language Proficiency**

- English, Hindi and Punjabi

## **References**

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**Place: Jammu**

**Prof. Adit Gupta**