

Curriculum-Vitae

General Information:

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Designation: Research Scholar

Institute: Department of Education, The Maharaja Sayajirao

University of Baroda



Academic detail:

(A) Academic Qualifications:

S.N.	Exam.	Board/Univ.	Pass Year	Subject	Merit
1.	High School	U. P. Board	2008	Science, Math, Social Science, Hindi, Eng., Sanskrit	-
2.	Intermediate	U. P. Board	2010	Biology, English, Physics, Chemistry, Hindi	-
3.	B.Sc.	M. G. K. V. P.	2013	Zoology, Botany, chemistry	-
4.	M.Sc.	M. G. K. V. P.	2015	Zoology (Specialization- Cytology)	-

5.	Certificate in Nutrition	Kashi Naresh Govt. P. G. College	2015		A Grade
6.	B.Ed.	Banaras Hindu University	2017	Education (Life science) (Spl. Action Research)	With Distinction
7.	P.G.D.Y.		2018	YOGA	-
8.	M.Ed.	Banaras Hindu University	2020	Education (Specialization- Education of special need children)	With Distinction
9.	U.G.C-NET	N. T. A. Dec	2019	Education	Qualified
10.	C.C.Y.P.	Banaras Hindu University	2019	Yogik Practices	Completed
11.	Ph.D.	M. S. University of Baroda (CASE)		Science Education	Pursuing
12	U.G.C-NET	N. T. A.	2022	Education	Qualified

(B)Details of Attended Conferences\Seminars\Symposia\Workshops\Training

Sr no.	Name of event	Year	Detail	Mode	Organizing Body
1	National Conference on Inclusive Education: Best Practices and Future Perspective	08 th and 09 th March 2019	Attended	Face to Face	Institute of Rehabilitation Sciences, AMITY UNIVERSITY
2	Orientation Program on C.V. and Resume Preparation	26 th Jan 2019	Attended	Face to Face	BANARAS HINDU UNIVERSITY
3	National Symposium on Gandhian Thought in the Contemporary India	05 th Oct 2019	Attended	Face to Face	BANARAS HINDU UNIVERSITY
4	Research Methodology Course in Social Science	31 st July - 09 th August 2023	Attended	Face to Face	Department of Education, Central University of Gujarat

(C) Details of Papers Presented in Conferences/Seminars:

International- 05 (Green Colour).

National- 16 (Pink Colour).

Sr. No.	Name of Event	Year	Title of Paper	Organizing Body
1	National Seminar on Women and Gender Equality in Higher Education of India: Issues and Challenges	11 th Jan, 2020	Teacher's Role in Promoting Gender Equality among Children with Special Needs in an Inclusive Classroom	Campus Placement Cell, MGKVP, supported by National Commission for Women, New Delhi
2	Emerging Trends, Issues, Challenges, and Opportunities Post-Corona Crisis	30 th -31 st May, 2020	Corona Pandemic and Its Impact on Higher Education System	School of Commerce and Management Science, MGCU, Bihar
3	National Seminar on NEP (2020) Strategies for Implementation	14 th -15 th April, 2022	Implementation with Reformation of Pedagogy in Teacher Education	Department of Education, The M.S. University of Baroda.
4	International Seminar on Global Trends and Challenges in Inclusive Education	23 rd April, 2022	Implementation of Constructivism in Inclusive Classroom	Department of Education, Kerala University

5	National Seminar on National Education Policy 2020: Implementation for Teacher Education	3 rd June 2022	Implementation of Innovative Pedagogy in Teacher Education	University Institute of Teachers Training and Research, Chandigarh University
6	Constructivism in Teaching and Learning in the Context of Formal and Distance Learning	13 th -14 th Oct, 2022	Effectiveness of Collaborative Learning	Directorate of Distance Education and School of Education, Pondicherry University.
7	National Education Policy-2020 and Reinvigorating Early Childhood Care and Education	20 th -21 st March 2023	Childhood Care: A Future Footing	Department of Education, Dr. Hari Singh Gaur University, Sagar
8	Embracing Integrated Teacher Education Programme (NEP-2020): Exploring Perspectives and Confronting Challenges	29 th -30 th January 2024	Collaborative Pedagogy: A Study on the Integration of Group Learning in Secondary Level Science Instruction	College of Teacher Education, Maulana Azad National Urdu University.

9	Recent Advances in Science Education	26 th -28 th February 2024	Effectiveness of Constructivist Strategies with Lecture	RIE Bhopal
10	Implementation Strategies of NEP-2020: Exploring the Best Practices	04 th -5 th April 2024	Navigating Through Challenges: A Qualitative Inquiry into 360-Degree Assessment Under NEP-2020	Department of Education, Gauhati University
11	International Conference on Cognitive Science: Evidences for Teacher Education	13 th -14 th August 2024	From Ideas to Achievement: How Brainstorming Influences Cognitive Load and Performance	School of Education, Pondicherry University
12	National Seminar on Indian Examination and Evaluation System: Present Scenario and Future Prospects	18 th - 19 th October 2024	Attitude of Teacher towards Implementation of 360-degree Assessment in School	Banaras Hindu University

13	T4E- The International Conference on Technology 4 Education	6-8 Dec. 2024	Augmented Reality in Geometry: Enhancing Cognition and Metacognition in Fifth Graders	Indian Institute of Technology (IIT) Bombay Venue- IIT- Gandhinagar
14	National Conference on Building Inclusive Sustainable Classroom: Way Forward to NEP-2020	19-20 Dec. 2024	A Study of Perception of Prospective Teachers Towards the Implementation of 360-Degree Evaluation	State Council of Educational Training and Research
15	13 th National Conference on Mathematics Education	2-4 January 2025	Effectiveness of AR on Cognition and Metacognitive Ability in Mathematics	National Council of Educational Training and Research
16	EpiSTEM-E 10	3-6 January 2025	STEM Learning at the Foundational Stage: Insight from the Water Table Experiment in Kindergarten	Homi Bhabha Center for Science Education, Mumbai (TIFR)

17	Critical Studies of Education and Technology 2025	21 February 2025	Study of Challenges in Adopting Educational Technology in Pedagogy	Comparative Education Society
18	National Conference on Indian Knowledge System and Internationalization of Higher Education	27 th and 28 th February 2025	Constructivism: An Indian Knowledge System Perspective	Center of Research, Indian Institute of Teacher Education
19	National Conference on Indian Knowledge System and Internationalization of Higher Education	27 th and 28 th February 2025	Enhancing Classroom Pedagogy with Digital Tools: Effectively Teaching the Indian Knowledge System	Center of Research, Indian Institute of Teacher Education
20	National Conference on Inclusive Education for Accessible Future with Reference to NEP 2020 for Viksit Bharat @ 2047	7 th and 8 th March 2025	Transforming Inclusive Education with Digital Accessibility Tools	Center of Special Education, Indian Institute of Teacher Education
21	National Conference on Inclusive Education for Accessible Future with Reference to NEP 2020 for Viksit Bharat @ 2047	7 th and 8 th March 2025	Understanding the Problems and Solutions of Children with Special Needs	Center of Special Education, Indian Institute of Teacher Education

(D) Papers Published in Edited Book:

Pathak, C. (2022). Implementation of Constructivist Pedagogy in Inclusive Classroom. In L. K. Kalyani & R. Singh (Eds.), *The New Era of Educational Psychology*. pp. 107-115. Rachnakar Publishing House. ISBN 978-93-91791-12-4.

Pathak, C. & Das, B. (2025). Analogy as Constructivist Teaching Tool: Transforming Chemistry Classroom. In P. Saxena (Ed.), *Chemistry: Innovative Pedagogies for a Sustainable Future*. pp. 124-129. Global Academic Publishers. ISBN 978-9-6750-48-3

(E) Article Published in Journals:

International

Pathak, C. and Patel, R. C. (2021). Pedagogical Reform in Teacher Education: Road Ahead for Implementation. *Shaikshik Parisamvad (An International Journal of Education)*. 11(1&2) pp.11-16.

Pathak, C. and Mahure, G. (2022). Cooperative Learning: An Effective Means for Teaching in Classroom. *EduInspire: An International E-Journal*. 9(2), p 27-34. ISSN No. 2349-7076.

Pathak, C. & Patel, R. C. (2022). Effectiveness of Constructivist Strategies with Lecture in Science. *Migration Letters*, 19(S5), pp. 1699-1705, ISSN 1741-8992

Pathak, C. Tamra, P. (2023). Attitude of Prospective Teachers towards Innovative Pedagogy. *Omniscient (An International Multidisciplinary Peer-Reviewed Journal)*. 1(3). pp. 85-95.

National

Pathak, C & Tamra, P. (2024). Effectiveness of Collaborative Learning at Secondary Level. *RIE Bhopal Journal of Education*. 7(1). pp 38-47.

Other

Iyer, S. & Pathak, C. (2023). Effectiveness of Game-based learning in Constructivist Classroom. In Murty, S., Chang, M., Rajendran, R., Mishra, S., & Lingnau, A. (Eds.) (2023). International Conference in Educational Technology. IIT Bombay. P 184-187.

(F) Article Published in Magazine:

Pathak, C. (2019). Darshan Evam Vigyan. Samshiksha (Faculty magazine), Faculty of Education, Banaras Hindu University

(G) Awards:

- 3rd Prize in a quiz organized by the Zoology department, Kashi Naresh Govt. P. G. College, Bhadohi.

(H) Affiliations

1. Lifetime Member, Alumni Association, Banaras Hindu University.
2. Lifetime Member, Council for Teacher Educator Foundation, Gujarat.
3. Lifetime Member, Indian Association of Teacher Educators.
4. North-East Indian Educational Society (Id no. NEIES/2023/695)
5. Edtech Society, Indian Institute of Technology

(I) Presentation in Forum

S.R.	Topic	Organized by	Mode
1.	Sampling in Qualitative Research	Researcher Forum, M.S. University, Baroda	Offline
2.	Cognitive Load	Researcher Forum, M.S. University, Baroda	Offline

(J) Role and Responsibility

1. **Co-Chairperson**, National Seminar, Researchers' Mosaic, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, **2021-2022**.

(K) Conduction of Seminars

1. National Seminar, Organizing Team Member, Researchers' Mosaic, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, **2020-2021**.
2. National Seminar, Organizing Team Member, Researchers' Mosaic, Faculty of Education and Psychology, The Maharaja Sayajirao University of Baroda, **2021-2022**.