



~ Assistant Professor

AFFILIATION:

School of Education
Department of Education,
Guru Ghasidas Vishwavidyalaya,
Bilaspur, Chhattisgarh, India

DATE OF APPOINTMENT: 19th March, 2012

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ACADEMIC QUALIFICATION

Degree	University	Year	Division	Subjects
Ph.D. (Education)	B.H.U.	2011	-	TITLE: A Critical Evaluation of Objectives of Teaching and Curricula of Secondary Physical Science Courses.
M.Ed.	B.H.U.	2004	1 st	Elective: Educational Technology, Measurement & Evaluation in Education
B.Ed.	B.H.U.	2003	1 st	Education (Major-Physical Science) (Ord.-Maths)
M.Sc.	B.H.U.	2002	1 st	Physics (Specialization in Electronics)
B.Sc.	B.H.U.	2000	1 st	Statistics, Mathematics, Physics (Hons.)

QUALIFICATIONS IN NATIONAL ELIGIBILITY TESTS FOR LECTURESHIP/ RESEARCH FELLOWSHIP

Examination Passed	CONDUCTED BY	Year	Subjects
GATE	D.E., MHRD, GOI	2002	Physics
NET For Lectureship	C.S.I.R.	2003 (June)	Physics
NET For Lectureship	U.G.C.	2003 (Dec.), 2005 (June)	Education
NET For Junior Research Fellowship	U.G.C.	2005 (Dec.)	Education

ACADEMIC DISTINCTIONS

- Placed First in B.Ed. in A.M.D.C., B.H.U., Varanasi,
- Placed Third in M.Ed. in Faculty of Education, B.H.U.
- Best Student Award in Faculty of Education, B.H.U. (Session 2003-04)

AREA OF ACADEMIC INTEREST

Science Education, Curriculum Studies, Educational Assessment and Evaluation, Research Methodology in Education, Philosophical and Psychological Foundations of Education and Development

TEACHING EXPERIENCE AT UNIVERSITY LEVEL (AS PERMANENT FACULTY):

B.Ed.— *More than 10 Years*
M.Ed.— *More than 10 Years*
Pre. Ph.D.— *More than 10 Years.*

COURSES TAUGHT AT DIFFERENT LEVEL:

B.Ed.: Methodology of Teaching Physical Sciences, Learners and the learning process, Educational Technology

M.Ed.: Educational Assessment & Evaluation, Data analysis in Educational Research, Curriculum Studies, Psychology of development & learning, Educational Technology, Philosophical foundations of Education

Pre-Ph.D.: Skill Development in Educational Research

DIGITAL SKILLS:

- Word Processing,
- Data Analysis in MS-Excel, SPSS, JAMOVI, Other Open Resource Software
- E-Content development

RESEARCH INTEREST:

Science Education, Curriculum evaluation, Comparative education, Higher Education, Policy research in Education, Women development and representation

RESEARCH PROJECTS COMPLETED:

Completed research project for State Team of Chhattisgarh, as a part of a National Project on “*Teaching and Learning in Indian Higher Education*” with the Centre for Policy Research in Higher Education, NUEPA, New Delhi

DOCTORAL RESEARCH SUPERVISION: 03 (DEGREE AWARDED: 02; ONGOING: 01)

NAME OF SCHOLAR	TOPIC	REGISTRATION	AWARDED
KAMLESH KUMAR	A STUDY OF SELF-REGULATED LEARNING AND FUNCTIONAL SCIENTIFIC LITERACY AMONG PROSPECTIVE TEACHERS IN RELATION TO THEIR ATTITUDE TOWARDS SCIENCE CURRICULUM TRANSACTION	2014	2019
UJJALA SINGH	A TEXTUAL AND PICTORIAL DIAGNOSIS OF MISCONCEPTIONS IN BIOLOGICAL CONCEPTS AMONG UNDERGRADUATE LIFE SCIENCE STUDENTS	2015	2020
DHARMBIR PATEL	<i>Continuing</i>		

DISSERTATION GUIDED & COMPLETED: 20

RESEARCH PUBLICATIONS:

- Banerjee, P. & Singh, U. (2016). Error analysis in basic mathematical operations. *The Primary Teacher*. Vol. XLI No.3 July, ISSN: 0970-9282, pp. 13-26
- Singh, U. & Banerjee, P. (2017). Information and Communication Technology as a tool for Learning. *Edusearch*, 8 (2), October, pp: 10-15. ISSN: 0976-1160
- Kumar, K. & Banerjee, P. (2017). A study of self-regulated learning among prospective teachers. *International Journal of Advanced Education and Research*, Vol. 2; Issue 4; July 2017; pp. 85-90, ISSN: 2455-5746
- Singh, U. & Banerjee, P. (2018). Misconceptions in Scientific Concepts: An Investigation. *International Journal of Creative Research Thoughts*, vol. 6, issue: 1 (February), pp. 1073-1076. ISSN. 2320-2882.
- Kumar, K. & Banerjee, P. (2018). Functional scientific literacy among prospective teachers: A comparative study. *International Journal of Advanced Educational Research*, ISSN- 2455-6157, Vol.3, Issue 2, pp. 160-164.
- Kumar, K. & Banerjee, P. (2018). Prospective Science Teachers' Attitude: An Effective Tool for Curriculum Transaction. *International Journal of Creative Research Thoughts (IJCRT)*, Volume 6, Issue 1 February 2018, ISSN: 2320-2882.
- Singh, U. & Banerjee, P. (2018). Review of relevant literature on causative agents of misconceptions about biological concepts. *Scholarly Research Journal for Humanity Science & English Language*, 6 (26), (FEB-MARCH) pp: 7791- 7800.
- Singh, U. & Banerjee, P. (2018). Determining misconceptions and alternative conceptions in studying biology: a review literature. *Journal of Emerging Technologies and Innovative Research*, 5 (10), (October) ISSN: 23495162, pp: 176-179.
- Singh, U. & Banerjee, P. (2019). An investigation of undergraduate students' misconceptions in respiration. *Review of Research*, 8 (7), (April) ISSN: 2249894X, pp: 1-5.
- Banerjee, P. & Singh, U. (2021) Perception of students towards online mode of teaching during lockdown. *Jijñāsā: A journal of the history of ideas and culture*, Vol. 38, No.03, ISSN: 0337-743X, pp.09-17
- Singh, U. Banerjee, P. & Kumar, S (2021) Measurement of errors while writing English language: an analytical study, *New Horizons*, Vol. XXV (I) Jan, ISSN:2277-5218, pp.53-62

1. Singh, U. & Banerjee, P. (2017), Misconception in Biological Concepts: An Investigation. *Perspectives In Education*. Osmania University, Ontario: Canadian Academic Publishing, ISSN: 978-1-926488-56-1
2. Singh, U. & Banerjee, P. (2019), Lesson Plan Preparation and Problems Faced by B.Ed. Trainees. Quality Teacher Education Vis-À-Vis School Education (Proceedings of The International Conference), Department of Education, University College of Education, Osmania University. ISSN: 978-93-87895-07-9
3. Banerjee, P. (Oct-20). School Internship in Pre-Service Teacher Education: A Case of Guru Ghasidas Vishwavidyalaya, Bilaspur. *School Internship Practices in India*. IUCTE, FEP, MSU Baroda, ISSN: 978-93-5408-232-0

KNOWLEDGE SHARING AS RESOURCE PERSON:

LECTURE TITLE	PROGRAMME DETAILS	ORGANISED BY
1. Evaluation of Adapted curriculum	A three-day workshop on Curricular adaptation for Learning disabled children (with RCI-CRE Status) under PMMMNMTT (3-5 March, 2017)	Department of Education, GGV
2. Co-scholastic assessment in schools: What & How	Workshop under Major UGC Project: Identification of co-scholastic assessment practices and suggestions for their uniformity in CBSE Schools of Varanasi (30 July-1Aug, 2017)	Faculty of Education, BHU
3. Informed policies and quality concerns in Teacher Education	National Seminar on Quality concerns in teacher education (23-24 September, 2019)	Arya Mahila PG College, Varanasi
4. Competency based Education	2 Days Online workshop on “Preparing School for Competency-based Education: Theory, Pedagogical Approaches, Assessment Tools & Techniques” (28 th August-29 th August, 2020) National Accreditation Board for Education and Training, Quality Council of India	National Accreditation Board for Education and Training, Quality Council of India
5. Developing Learning Indicators mapping on “Bloom’s Taxonomy x Dimension of Knowledge	2 Days Online workshop on “Preparing School for Competency-based Education: Theory, Pedagogical Approaches, Assessment Tools & Techniques” (28 th August-29 th August, 2020) National Accreditation Board for Education and Training, Quality Council of India	National Accreditation Board for Education and Training, Quality Council of India
6. Developing Learning Indicators mapping on “Bloom’s Taxonomy x Dimension of Knowledge	2 Days Online workshop on “Preparing School for Competency-based Education: Theory, Pedagogical Approaches, Assessment Tools & Techniques” (27-28 September, 2020)	National Accreditation Board for Education and Training, Quality Council of India
7. Developing Learning Indicators mapping on “Bloom’s Taxonomy x Dimension of Knowledge	2 Days Online workshop on “Preparing School for Competency-based Education: Theory, Pedagogical Approaches, Assessment Tools & Techniques” (17-18 October, 2020)	National Accreditation Board for Education and Training, Quality Council of India
8. Tabulation & Creating Charts, & Graphs through Spreadsheets	A Five-Day Online Faculty Development Programme on Online Faculty Development Programme (17 th - 21 st August, 2020)	Jointly organized by Dept. of Edu., A.M.P.G. College & Vasanta College for Women, & Inst. of Edu., SHEPA under the aegis of Dept. of Edu., VCW, KFI, Rajghat Fort, Varanasi
9. Google classroom & Google tools	A two-day National workshop on “Online Teaching-Learning in Present Scenario” (26-27 August, 2020)	Department of Education & IQAC, Kiderpore College, Kolkata

10. Literature Review and research gap Identification (13/12/2021)	ICSSR Sponsored Ten Days Online Research Methodology Course on Quantitative Research Methods and Use of Statistical Software for Social Science Researchers (13-24 December, 2021) Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur	Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur
11. Open source statistical software: Jamovi (23/12/2021)	ICSSR Sponsored Ten Days Online Research Methodology Course on Quantitative Research Methods and Use of Statistical Software for Social Science Researchers (13-24 December, 2021)	Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur
12. Computer Application and software in Social Science Research 23/05/2022	ICSSR Sponsored Two weeks Online Capacity Building Programme on Research Methodology in Social sciences for Faculty members/Research Scholars (18-31 May, 2022) Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur	Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur
13. Open source software: Jamovi 23/05/2022	ICSSR Sponsored Two weeks Online Capacity Building Programme on Research Methodology in Social sciences for Faculty members/Research Scholars (18-31 May, 2022) Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur	Department of Education, Guru Ghasidas Vishwavidyalaya, Bilaspur
14. Introduction to JAMOVI for Social Science Research 5/7/2022	TWO WEEKS Sage Summer School-22, on Research Tools and Techniques; The Sage Group of Institutions,	The Sage Group of Institutions,

SEMINAR/CONFERENCES ATTENDED:

In last five years: **17**

PROGRAMME ORGANISED:

	PROGRAMME	DATE
1.	UGC Funded Research Methodology Workshop-I (RESEARCH DESIGNING & ACADEMIC WRITING)	30 th March—8 th April, 2016
2.	UGC Funded A Three-Day Short Term Course on REGRESSION ANALYSIS THROUGH SPSS (STC-I)	17 th –19 th February, 2017
3.	UGC Funded A Three-Day Short Term Course on QUALITATIVE DATA ANALYSIS IN SOCIAL SCIENCE RESEARCH (STC-II)	23 rd -25 th February, 2017.
4.	UGC Funded Enrichment Workshop On DRAMA, MUSIC AND ART	16 th -18 th March, 2017
5.	UGC Funded ' JAL, JANGAL, BADAL, KAVITA ' for observing the International Day of Forests (21st March), World Poetry Day (21st March), World Water Day (22nd March) & World Meteorological Day (23rd March, UNESCO's theme for 2017 being 'Clouds').	24 th March, 2017
6.	PMMMNTT funded Three-day workshop on CURRICULAR ADAPTATION FOR LEARNING DISABLED CHILDREN (with RCI-CRE Status)	3 rd -5 th March, 2017
7.	PMMMNTT funded Two-day workshop on DEVELOPMENT OF BRAILLE LEARNING MATERIAL FOR ELEMENTARY CLASSES OF CG BOARD	12 th -13 th March, 2019
8.	PMMMNTT funded Two-day workshop on DEVELOPMENT OF BRAILLE LEARNING MATERIAL FOR ELEMENTARY CLASSES OF CG BOARD	12 th -13 th March, 2019
9.	A Weeklong FDP on CRAFTING QUALITATIVE RESEARCH (Under PMMMNTT Scheme, MoE)	18—24 th March, 2021

MAJOR NON-ACADEMIC RESPONSIBILITIES AFTER ENTERING INTO SERVICE:

- Cultural Co-Ordinator: Department of Education (2013-2019),
- Cultural Co-Ordinator: School of Social Sciences, School of Education Since 2018 (*under DSW*)
- Member Coordinator of Student Amenities:
 - Psychological Counselling Cell, (Since 2016)
 - Tarang: The University's Musical Band (Since 2016)
- Curriculum designing and compilation: (2012-19)
- Planning for extension of Department, Drafting proposals for academic plans and extension
- Academic Coordinator (B.Ed.) for the session 2014-15, 2018-20
- Member, Ek Bharat Shrestha Bharat Programme (Since 2018)
- Member, University Team for visit to CUG under Ek Bharat Shrestha Bharat Programme, 2018-19
- Team Manager, University Team, for Youth Festival, Central Zone, 2018-19
- Team Manager, University Team, for National Youth Festival, Chandigarh, 2018-19
- Assisting Coordinator: Activities under the PMMMMNMTT scheme
- Member, NEP Implementation Taskforce
- Member, Qualitative Feedback Analysis Committee, IQAC
- Assistant Superintendent, Examinations (2013-14, 2016-2019)
- Member of Standing Committee, Academic Council, Guru Ghasidas Vishwavidyalaya, Since, 2023
- Member, Departmental Research Committee, Department of Education, GGV, Since 2023

CO-SCHOLASTIC INTEREST:

- *Music*
(Vocal: Classical, Semi/ Light Classical, Folk, Light Music; Learnt Indian Classical for 10 yrs)
- *Dance*
(Interest in Different Forms of Indian Classical Dance, Folk Dance, Fusion and Ballet, composed various theme-based ballets)
- *Fine Art*
(Ankan Vibhakar—Ankan Kala Vibhag, Bangiya Sangeet Parishad; Special interest in folk art)
- *Literature*
(Classical/folk literature in Bengali, Hindi and English; Poetry, Interest in Padavali Sahitya, Composed poems, lyrics to songs, dialogues for drama)
- *Bharat Scouts & Guides*
A guide of 3rd Sopan under Chittaranjan District, participated in many State level rallies, Represented Eastern Railways in National Integration Camp, Andaman & Nicobar Islands

LANGUAGES KNOWN:

Bengali, English, Hindi