

RESUME

DR. BRAJ BHUSHAN CHATURVEDI
M.Sc., NET (JRF), Ph. D.

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CAREER PROFILE

D.Phil.	
Title	Some Problems on complex Manifolds

ACADEMICS

Passed Junior Research Fellowship (JRF) and eligibility for Lecturer–National Eligibility Test (NET) June, 2003

Exam	Institute	Board/Univ.	Year of Passing
D.Phil.	University of Allahabad, Allahabad	University of Allahabad, Allahabad	2009
M.Sc.	D. D. U. Gorakhpur University, Gorakhpur	D. D. U. Gorakhpur University, Gorakhpur	2001
B.Sc	Buddha P. G. College, Kushinagar	D. D. U. Gorakhpur University, Gorakhpur	1999
XII	B. I. C. Kushinagar	U.P Board	1996

RESEARCH EXPERIENCE

- Nine years (09 years)

RESEARCH GUIDANCE

- (02 Students) One student has submitted his thesis and other one is working

RESEARCH AREAS

- Specialization: Differential Geometry
- Research Interest: Manifolds, Theory of Relativity and Cosmology

LIST OF PUBLICATIONS

- **Google Citation:** <https://scholar.google.com/citations?user=w89-36IAAAAJ>
- **Research Gate Citation:** https://www.researchgate.net/profile/Bb_Chaturvedi2

1. **B. B. Chaturvedi** and Pankaj Pandey: On a mixed super Quasi-Einstein manifold accepted in Asian Journal of Mathematics and computer research (Accepted).
2. **B. B. Chaturvedi** and Pankaj Pandey: A note on semi-symmetric metric connection in Riemannian manifold, Thai Journal of mathematics (Accepted).
3. **B. B. Chaturvedi** and Pankaj Pandey: Weak symmetric manifolds equipped with semi-symmetric metric connection, Palestine J. Math. (Accepted).
4. **B. B. Chaturvedi** and Pankaj Pandey: Study of Kahler manifolds endowed with lift of symmetric non-metric connection, Acta Mathematica Academiae Paedagogicae Nyiregyháziensis 33 (1) (2017), 61-66.
5. **B. B. Chaturvedi** and B. K. Gupta: Study of time dependent cosmological term in a six dimensional cosmological model, Gen. Math. Notes 37 (1) (2016), 32-41.
6. **B. B. Chaturvedi** and Pankaj Pandey: Conformal transformation in an almost Hermitian manifold, Novi Sad J. Math.46(1) (2016), 217-226.
7. **B. B. Chaturvedi** and B. K. Gupta: Some investigations on cosmological model, Applied Sciences 18(2016), 18-29.
8. **B. B. Chaturvedi** and Pankaj Pandey: Study on special type of a weakly symmetric Kähler manifold, Differential Geometry-Dynamical System 17(2015), 32-37.
9. **B. B. Chaturvedi** and B. K. Gupta: Study of a hyperbolic Kaehlerian manifold equipped with a quarter-symmetric metric connection, Facta Universitatis, Series: Mathematics and Informatics 30 (1), (2015), 115-127.
10. **B. B. Chaturvedi** and Pankaj Pandey: Study of a new type of metric connection in an almost Hermitian manifold, Facta Universitatis, Series: Mathematics and Informatics 30 (2) (2015), 217-224.

11. **B. B. Chaturvedi** and Pankaj Pandey: Some Examples on Weak Symmetries, Gen. Math. Notes Vol. 29 (1) (2015), 61-66 .
12. **B. B. Chaturvedi** and P. N. Pandey: Kaehler manifold with a special type of semi-symmetric non-metric connection, Global Journal of Mathematical Sciences 7 (1) (2015),17–24.
13. **B. B. Chaturvedi** and Pankaj Pandey: On the Flatness of Weakly Symmetric Kähler Manifolds, J. Internat. Acad. Phy. Sci.,18-4 (2014), 279-284 .
14. **B. B. Chaturvedi** and B. K. Gupta: Study of conharmonic recurrent symmetric Kaehler manifold with semi-symmetric metric connection J. Internat. Acad. Phy. Sci., 18-1 (2014), 11-18 .
15. **B. B. Chaturvedi** and B. K. Gupta: Study on Semi-Symmetric Metric Spaces, Novi Sad J. Math 44 (2) (2014), 183-194.
16. **B. B. Chaturvedi** and B. K. Gupta: Study of Conharmonic Recurrent Symmetric Kaehler Manifold with Semi-Symmetric Metric Connection J. Internat. Acad. Phy. Sci., 18(1) (2014), 11-18 .
17. **B. B. Chaturvedi** and P. N. Pandey: Some results in a Kähler manifold equipped with a semi-symmetric non-metric connection, Jour. Pure Math.29 &30 (2013), 14-20 .
18. **B. B. Chaturvedi** and P. N. Pandey: Riemannian manifold with a special type of semi-symmetric non-metric connection, J. Internat. Acad. Phy. Sci.,13-3 (2009), 253-259.
19. **B. B. Chaturvedi** and P. N. Pandey: Semi-symmetric non-metric connections on a Kähler manifold, Differential Geometry - Dynamical Systems, 10 (2008), 86-90 .
20. P. N. Pandey and **B. B. Chaturvedi**: Semi-symmetric metric connection on a 4-dimensional almost Hermitian manifold of pointwise constant anti-holomorphic sectional curvature, Bull. Cal. Math. Soc., 100-4(2008), 401-410 .

21. P. N. Pandey and **B. B. Chaturvedi** Recurrences with respect to a semi-symmetric metric connection on an almost Hermite manifold, Proc. Nat. Acad. Sci. Sect. A, 78 (2008), 137-143 .
22. P. N. Pandey and **B. B. Chaturvedi**: Semi-symmetric metric Connection on a Kähler manifold, Bull. Alld. Math. Soc., 22(2007), 51-57
23. P. N. Pandey and **B. B. Chaturvedi** Almost Hermitian manifold with semi-symmetric recurrent connection, J. Internat. Acad. Phy. Sci.,10 (2006), 69-74.

CONFERENCES/ WORKSHOPS ATTENDED

1. 19th International conference of the International Academy of Physical Sciences (CONIAPS-XIX) and symposium on fixed point theory and dynamical system during October 17-19, 2016 at Nainital.
2. National Seminar on Contribution of Ancient Indian Mathematicians & its uses in present Age on 22-23 january at Dongargaon, Chhattisgarh.
3. 18th International conference of the International Academy of Physical Sciences (CONIAPS-XVIII) during Dec. 22-24, 2015 at Allahabad.
4. 18th International conference of the International Academy of Physical Sciences (CONIAPS-XVIII) during Dec. 22-24, 2015 at Allahabad.
5. National Seminar on Value and importance on Mathematical Physics on 5th Dec. 2015 at Rajim, Chhattisgarh.
6. 17th International conference of the International Academy of Physical Sciences (CONIAPS-XVII) during Jan. 16-18, 2015 at Jaipur.
7. 3rd International Conference on Recent trends in Science and Technology (IC-RTST-2015) Feb. 27-28, 2015 at Sagar.
8. International conference on Algebra, Geometry, Analysis and their Applications (ACAGAA-2014) November 27-29, 2014 at JAMIA, New Delhi.

- 9.** National Conferences on Engineering and Sciences (AMES-2014), November 29-30, 2014 at MNNIT, Allahabad.
- 10.** National conference on Differential Geometry and its Applications (DGACON2014), Dec. 27-28, 2014 at University of Allahabad, Allahabad.
- 11.** 11th conference of the International Academy of Physical Sciences (CONIAPS-XI) during February 20-22, 2010 at Allahabad.
- 12.** 96th Indian Science Congress during January 3-7, 2009 at Shillong.
- 13.** National Symposium on Modern Trends in Differential Geometry and Mathematical Modelling in Bio-Sciences during December 24-25, 2008 at Lucknow.
- 14.** 95th Indian Science Congress during January 3-7, 2008 at Vishakhapatnam.
- 15.** 10th conference of the International Academy of Physical Sciences (CONIAPS-X) during January 12-15, 2008 at Bilaspur.
- 16.** International conference on Emerging Challenges in Science & Technology, during November 13-14, 2008 at Allahabad.
- 17.** 78th Annual session of National Academy of Sciences, India during November 21-23, 2008 at Chandigarh.
- 18.** 9th conference of the International Academy of Physical Sciences (CONIAPS-IX) during February 2-5, 2007 at Agra.
- 19.** 8th conference of the International Academy of Physical Sciences (CONIAPS-VIII) during December 29-31, 2005 at Meerut.
- 20.** 7th conference of the International Academy of Physical Sciences (CONIAPS-VII) during December 21-23, 2004 at Allahabad.

TEACHING EXPERIENCE

Year	Class	Institution
2009 – Till Date	Ph. D., M.Sc., B.Sc., B. Tech.	Guru Ghasids Vishvavidyalaya, Bilaspur (C. G.) India
2008-09	B. Tech	H.M.F.A. MIET Allahabad (U.P.) India
2007-08	B.Sc.	University of Allahabad, Allahabad (U.P.) India
2006-07	B.Sc.	University of Allahabad

RESEARCH PROJECT

- UGC Start up grant (six lacks)

MEMBERSHIP

- Life Member of Indian Science Congress.
- Life Member of International Academy of Physical Sciences.

B. B. Chaturvedi