

Curriculum Vitae

Dr. Dilip Kumar

(Ph.D., M.Phil., M.Sc., NET-JRF, GATE)

Assistant Professor

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Educational qualifications

- Ph. D. : Earned from **Banaras Hindu University, Varanasi**, on the topic- “**A study on Antinormal Composition Operators**”
- M. Phil. (Mathematics) : Earned from **I.B.S. Khandari Campus D.B.R.A.U., Agra** in 2009 with First Division on the topic “**A Study on Bicomplex Holomorphic Continuation**”.
- M. Sc. (Mathematics) : From Hindu, College Moradabad, M.J.P.R.U. Bareilly in 2008.
- B. Sc. (PCM) : From Hindu, College Moradabad, M.J.P.R.U., Bareilly in 2005.
- Intermediate : From Parker Inter College, Moradabad, U. P. Board in 2002.
- High school : From Parker Inter College, Moradabad, U. P. Board in 2000.

Awards/Achievements

UGC-JRF(NET) – June 2011.

GATE- 2012.

Life membership of Mathematical bodies

Indian Mathematical Society,

Ramanujan Mathematical Society,

Indian Science Congress.

Workshops / Training Programmes Attended

1. ATM school workshop on Differential Geometry held at S.S.J. Campus, Kumaun University, Uttarakhand. (21-05-2012 to 09-06-2012)
2. Almora Mathematical Surveys (A National Mathematical Year Event) held at Kumaun University, Almora Campus, Uttarakhand. (03-10-2012 to 06-10-2012)
3. Winter School on Functional Analysis held at **The Institute of mathematical sciences, C I T campus, Taramani, Chennai.** (26-11-2012 to 14-12-2012)
4. Workshop on spectral Analysis and Applications held at **National Institute of Technology Karnataka, Surathkal.** (14-02-2013 to 16-02-2013)
5. Advanced training programme on Nonlinear Functional Analysis and its applicatios held as **DST-CIMS, Banaras Hindu University, Varanasi.** (04-03-2013 to 10-03-2013)
6. Annual Foundation School - Part II (2013) held at **Department of Mathematics and Statistics, IIT Kanpur.**(05-05-2013 to 01-06-2013)
7. Instructional School For Lecturers In Linear Algebra **CEMS Department Of Mathematics, Kumaun University, SSJ Campus Almora, Uttarakhand-263601.**(17-03-2014 to 29-03-2014)
8. Annual Foundation School - Part I (2014) held at **CEMS Department Of Mathematics, Kumaun University, SSJ Campus Almora, Uttarakhand-263601.**(01-12-2014 to 27-01-2014)
9. Orientation Programme,**UGC- HRDC, Nainital** (05-11-2019 to 26-11-2019)
10. Workshop on Moocs, e-content development and OERs, **UGC- HRDC, DAVV, Indore**(11-05-2020 to 16-05-2020)

11. FDP on Managing Online Classes and Co- Creating Moocs, **MHRD-PMMMNTT, Ramanujan College, University of Delhi**(18-05-2020 to 03-06-2020)
12. International E-Conference on Emerging Advances in Mathematical and Physical Sciences, **Hindu College, Moradabad**(28-06-2020 to 30-06-2020)
13. Refresher Course in Applied mathematics and Statistics, **UGC- HRDC, DAVV, Indore**(25-11-2020 to 08-12-2020)

Published Papers

1. D. Kumar and H. Chandra, *Antinormal composition operators $L^2(\mu)$ of an atomic measure space*. **Ukrainian Mathematical Journal**, 71 (1) (2019), 102-110.
2. D. Kumar and H. Chandra, *Antinormal weighted composition operators on $L^2(\mu)$ -space of an atomic measure space*, **Arabian Journal of Mathematics**, (2018): 1-7.
3. D. Kumar and H. Chandra, *Composition operators on Poisson weighted sequence spaces*, **Functional Analysis, Approximation and Computation**, 8 (1) (2016), 21-37.
4. D. Kumar and H. Chandra, *Antinormal composition operators $l^2(\lambda)$* , **Matematicki Vesnik**, 68(4) (2016), 259-266.
5. D. Kumar and H. Chandra, *Antinormal weighted composition operators l^2* , **Abstract and Applied Analysis** 2016 (2016), 1-5.
6. Rajiv K. Srivastava and Dilip Kumar, *On Bicomplex Holomorphic Continuation*, **Advances in Applied Mathematics and Computational Physics**, (2013), 249-255.

Research Interest

Real Analysis, Complex Analysis, Advanced Calculus, Algebra, Linear Algebra, Operator theory, Functional analysis, Bicomplex analysis.

Working Experience

Assistant Professor (Mathematics), “Hindu College”, Moradabad from 09-08-2017 to till date.

Personal details

Father’s name : Late Shri. Babu Ram Saini
Mother’s name : Smt. Hira Devi
Marital status : Married
Spouse Name : Sapna Shakya
Date of birth : 25th, June 1984
Nationality : Indian
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(Dilip Kumar)