

Curriculum Vitae



Prof. Rakesh Kumar Professor
Father's Name Late Shri Jwala Prasad
Official Address Department of Mathematics
Hindu College, Moradabad, U.P.-244001
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Date of Birth 01-06-1970
Subject **Mathematics**

Academic Qualifications :

1. M.Sc. (Mathematics) from Rohilkhand University, Bareilly in 1994 with First Division and First Position (Gold Medalist) securing 675/800 marks.
2. Ph.D. on a thesis entitled "On Certain Problems Concerning Wavelet Packets" from Jamia Millia Islamia, New Delhi in 1999.

Fellowships :

1. J.R.F. (UGC) from Dec. 26, 1995 to Dec. 25, 1997.
2. S.R.F. (UGC) from Dec.26, 1997 to July 28, 1999.

Professional Qualifications:

1. Qualify joint CSIR-UGC (NET) test held on December 31, 1994.
2. B. Ed from Rohilkhand University in 1995.

Experience :

S.No.	Position held	Name of Institution	From	To
1.	Professor	Hindu College, Moradabad, U.P., India	09.05.2023	Continuing
2.	Principal	RSM College, Dhampur, Bijnor, U.P., India	12.11.2021	08.05.2023
3.	Professor	Hindu College, Moradabad, U.P., India	01.11.2021	11.11.2021
4.	Associate Prof.	Hindu College, Moradabad, U.P., India	03.12.2013	11.11.2021
5.	Reader	Hindu College, Moradabad, U.P., India	18.01.2009	02.12.2013
6.	Lecturer	Hindu College, Moradabad, U.P., India	18.01.2004	17.01.2009
7.	Lecturer	Hindu College, Moradabad, U.P., India	18.01.2000	17.01.2004

Courses Taught :

- (a) **Undergraduate:** Calculus, Analytical Geometry, Vector Analysis, Modern Algebra, Real Analysis, Differential Equations, Mechanics, Complex Analysis.
- (b) **Postgraduate:** Topology, Advanced Algebra, Difference Equations, Differential Equations, Partial Differential Equations, Linear Algebra.

Field of Specialization :

Wavelet Analysis and Applicable Mathematics – The precise topics of my research are :

1. Wavelet Analysis and Applications.
2. Differential Equations.

Research Projects completed: 01

Received a grant of Rs. 1,40,000.00 from the University Grants Commission, India vide letter F.No.8-2(227)/2011(MRP/NRCB) dated 03.02.2011.

Title : A Study of wavelet packets and their applications to differential equations

Research Projects As Co-PI (on going): 01

State government approved an amount of Rs. 300000/- (Three lakhs) (PI Dr. Madan Lal, Department of Applied Mathematics, MJPRU, Bareilly) by order no.-47/2021/606/सत्तर-4-2021-4(56)/2020 dated 30.03.2021 on "A comprehensive analysis of blood based carbon nanotubes under magneto-hydrodynamics"

Research Guidance :

Ph.D. Awarded 03

Enrolled 03

Membership or Fellowship of Professional/Academic Bodies/ Societies etc.:

1. Indian Science Congress Association – Life Member.
2. Indian Society of Industrial and Applied Mathematics – Life Member.
3. Member of editorial Board of peer reviewed journal "SRMS Journal of Mathematical Sciences ISSN: 2394 – 725X"

Details of Published Research Papers, Books & Monographs

See Annexure – I

Participation in Conferences/Seminars/Workshops

See Annexure – II

Lectures delivered

See Annexure – III

Conferences/Seminars/Workshops organized

See Annexure – IV

Summer Institute, Refresher or Orientation Courses Attended

See Annexure – V

Contribution to the Corporate life of the Institution

See Annexure – VI

Annexure – I

	Total	In Last 5 years
Books	12	02
Research papers	41	05

RESEARCH PAPERS :**In Proceedings of conferences**

1. Band-limited wavelet packets (with Khalil Ahmad) in "Mathematics and its Applications in Industry and Business" (A. H. Siddiqii and K. Ahmad eds.), pp. 1-16, Narosa Publishing House, New Delhi, London (2000). (ISBN 8173-19274X)
2. Convolution bounds and Convergence of wavelet packet series (with Anil Kumar and Khalil Ahmad) in "Recent Trends in Mathematics and its Applications" (M.R. Khan et al. Eds.), pp. 55-69, World Education Publishers, Delhi (2012). (ISBN 978-81-909873-4-9)
3. Existence of Solutions of Nonlinear Delayed Integro-Differential Equation with Nonlocal condition (with Kamalendra Kumar and R.K. Shukla) in "Advances in Applied Mathematics and Computational Physics" (Rakesh Kumar et. al. Eds.), pp. 227-235, World Education Publishers, Delhi (2013). (ISBN 978-81-909873-7-0)
4. Periodic Walsh type wavelet packet expansion and Representation of differential equations using periodic wavelet packets (with Yogendra Singh and Tarun Kumar Garg) in "Advances

in Applied Mathematics and Computational Physics" (Rakesh Kumar et. al. Eds.), pp. 266–279, World Education Publishers, Delhi (2013). (ISBN 978–81–909873–7–0)

5. Applications of Wavelet Packets to Wave Propagations (Sachin Kumar and Yogendra Singh), in proceedings of NCMTAEP–2016 in International Journal of Advance Research and Innovation 2017, 32–37 (ISSN 2347–3258)

In Journals

1. Pointwise convergence of wavelet packet series (with Khalil Ahmad), Atti Sem. Mat. Fis. Univ. Modena 47 (2000), 107–120. (ISSN 0041–8986, eISSN 1825–1269)
2. On Fourier Transforms of Wavelet Packets (with Khalil Ahmad and L. Debnath), Zeit. Anal. Anwend. (Journal of Analysis and Its Applications), 20 (2001), 579–588. (ISSN 0232–2064). **SCIE, SCOPUS**
3. Vector valued wavelet packets for vector valued signal spaces (with Anil Kumar and Shiv Singh) Acta Ciencia Indica P, 29 P(3) (2003), 321–326. (ISSN 0253–732X)
4. Certain Characterizations of wavelet packets (with A. M. Jarrah and Khalil Ahmad), Atti Sem. Mat. Fis. Univ. Modena, 53 (2005), 147–164. (ISSN 0041–8986, eISSN 1825–1269)
5. Quasi-positive delta sequences for wavelet packets (with Anil kumar and Shiv Singh), Acta Ciencia Indica P, 31 P(4) (2005), 499–507. (ISSN 0253–732X)
6. Existence Unconditional wavelet packet bases for the spaces $L^p(\mathbb{R})$ and $H^1(\mathbb{R})$ (with Khalil Ahmad and L. Debnath), Taiwanese J. Mathematics, 10 (2006), 851–863. (ISSN 1027–5487, eISSN 2224–6851) UGC approval no. 22449. **SCIE & SCOPUS**
7. Image compression using 2-D wavelet packet transform based of Shannon entropy cost function (with Anil Kumar and Preeti Singh), Invertis J. Science & Tech. 2(2) (2008), 100–107. (ISSN 0973–8940) Rejected **UGC Approval no 47628**
8. Well-posedness of a class of parabolic integro-differential equations (with D Bahuguna, R.K. Shukla and Kamalendra Kumar), Journal of International Academy of Physical Sciences 14(4) (2010), 481–485. (ISSN 0974 –9373) **reject list 48832**
9. Well Posed Cauchy Problems with Delays (with R.K. Shukla, Kamalendra Kumar and Salabh Saxena), Journal of International Academy of Physical Sciences 15(3) (2011), 331–336. (ISSN 0974–9373) **reject list 48832**
10. Delayed integro-differential equations (with Kamalendra Kumar), International J. of Mathematics and Analysis, vol. 3(2) (2011), pp. 77 – 88. (ISSN 0973–3604)
11. Global Solution of Delayed Integro-Differential equations (with Kamalendra Kumar), JMI International J. Mathematical Sciences 2(1) (2011), pp. 20–25. (ISSN 0976–5913)
12. Nonlocal parabolic integro-differential equations with delays (with Kamalendra Kumar and R. K. Shukla), International J of Applied Mathematical Research, 1(4) (2012), pp. 549 – 564. (ISSN 2227–4324)
13. Wavelet Analysis of the Solar line-of-sight Mean Magnetic Flux by using Symlet Wavelet: A Continuous Wavelet Transform Approach (with Sachin Kumar and Anil Kumar), Journal of Wavelet Theory and Applications 7(1) (2013), pp. 27–33. (ISSN 0973–6336)
14. Existence of Solutions of Quasilinear Mixed Volterra–Fredholm Integrodifferential Equations with Nonlocal Conditions (with Kamalendra Kumar), Differential Equations and Control Processes 3 (2013), pp. 77–84. (ISSN 1817–2172). **SCOPUS (Old name Differencialnie Uravnenia i Protsesy Upravlenia) UGC Approved**
15. Nonlocal Cauchy Problem for Sobolev Type Mixed Volterra–Fredholm Functional Integrodifferential Equation (with Kamalendra Kumar), Journal of Physical Sciences, Vol. 17 (2013), 69–76. (ISSN 0972–8791) **Old UGC list No. 63941**

16. Nonlocal Cauchy Problem for Integrodifferential Equations of Sobolev Type in Banach Space (with Kamalendra Kumar), MATEMATIKA utm, 2013, Volume 29, Number 2, 179–186. (eISSN 0127 –8274) **Rejected list 64633**
17. Spectral Analysis of Biochemical Oxygen Demand in River Water: An Analytical Approach of Discrete Wavelet Transform (with Sachin Kumar, Anil Kumar, J. K. Pathak and Mohd. Alam), American Journal of Mathematics and Statistics 2014, 4(2): 107–112. (ISSN 2162–948X, eISSN 2162–8475)
18. Existence Of Mild And Classical Solutions Of Nonlinear Integrodifferential Equation In Banach Space (Kamalendra Kumar), Kathmandu Uni. J. of Sci. Eng. and Tech., 10(1), Nov. 2014, 32–38. (ISSN 1816–8752)
19. Existence of Solutions of Nonlinear Fractional Integrodifferential Equation with Analytic Semigroup (with Kamalendra Kumar), Int. J. of Modern Mathematical Sciences, 2014, 11(2): 108–117. (ISSN 2166–286X)
20. Quasi–linear Functional Differential equations (Shalabh Saxena and R. K. Shukla), SRMS J. of Mathematical Sciences, 1(1), 2014, pp. 28–38. (ISSN 2394–725X)
21. Existence of Mild Solutions for Semilinear Impulsive Functional Mixed Integro–differential Equations with Nonlocal Conditions (with Kamalendra Kumar), Applications and Applied Mathematics: An International Journal (AAM) Vol. 9(2), 2014 pp. 659–671. (ISSN 1932–9466) **UGC old list 47348**
22. Controllability of Sobolev Type Nonlocal Impulsive Mixed Functional Integrodifferential Evolution Systems (with Kamalendra Kumar), EJMAA Vol. 3(1) Jan. 2015, 122–132. (ISSN 2090–729X) **UGC approved**
23. Fractional Impulsive Quasilinear Mixed Volterra–Fredholm Type Integrodifferential Equations with Nonlocal Condition (with Kamalendra Kumar), Int. J. of Modern Mathematical Sciences, 2015, 13(1): 39–51. (ISSN 2166–286X)
24. Existence of solutions of fractional integrodifferential system with nonlocal conditions (with Kamalendra Kumar), IIUM Engineering Journal, Vol. 16 (1), 2015, pp. 33–41, (ISSN 1511–788X, eISSN 2289–7860) **SCOPUS** Impact factor 0.45
25. Controllability Results for general Integrodifferential Evolution Equations in Banach Space (with Kamalendra Kumar and Manoj Karnataka), Differential Equations and Control Processes 3 (2015), pp. 1–15. (ISSN 1817–2172) **SCOPUS (Old name Differencialnie Uravnenia i Protsesy Upravlenia)**
26. A Physical Study of River Ramganga by using Complex Morlet wavelets, (with Sachin Kumar and Yogendra Singh) SRMS J. of Mathematical Sciences, 2(1), 2015, pp. 11–17. (ISSN 2394–725X)
27. Existence of a mild solution for neutral fractional integro–differential equations with nonlocal conditions (with Kamalendra Kumar), Journal of Fractional Calculus and Applications, Vol. 7(2) July 2016, pp. 51–64. ISSN: 2090–5858. (ISSN 2090–5858) **UGC approved**
28. On mild solutions of a semilinear mixed Volterra–Fredholm functional integrodifferential evolution nonlocal problem in Banach Spaces, (with Kamalendra Kumar and Manoj Karnataka), MATEMATIKA UTM, 2016, Volume 32, Number 2, 133–140. (eISSN 0127 –8274) **Rejected list 64633**
29. Impulsive Fractional Integrodifferential Equations with Nonlocal Conditions in Banach Spaces, (with Kamalendra Kumar), Asian Journal of Mathematics and Computer research, 2017, Vol. 15(3), pp. 239–253. (ISSN 2395–4205, eISSN 2395–4213) **Rejected list 48884**

30. Boundary controllability of delay differential systems of fractional order with nonlocal condition, (with Kamalendra Kumar), J. Applied Nonlinear Dynamics, 2017 Vol. 6(4), pp. 465 – 470 (ISSN 2164–6457, eISSN 2164–6473). **SCOPUS**
31. Applications of wavelet packets to Euler–Bernoulli equation and frequency domain analysis, (with Sachin Kumar and Yogendra Singh), Journal of Rajasthan Academy of Physical Sciences; Vol.16, No.3&4, July–December, 2017, 137–154 (ISSN 0972–6306) **UGC Approved**
32. Quasilinear Evolution Integrodifferential Equations in Banach Spaces, (with Kamalendra Kumar and Manoj Karnatak), Journal of New Theory, 2019 Vol. 27, pp. 11 – 21 (ISSN 2149–1402) **Old UGC List Sr. No. 48805**
33. Boundary Controllability of Fractional Order Nonlocal Semi–linear Neutral Evolution Systems with Impulsive Condition, (with Kamalendra Kumar), Discontinuity, Nonlinearity, and Complexity 8(4) (2019) 419–428. [ISSN:2164–6376 (print) eISSN:2164–6414] **SCOPUS**
34. Existence of Mild Solution for Neutral Functional Mixed Integrodifferential Evolution Equations with Nonlocal Conditions, (with Manoj Karnatak, Kamalendra Kumar), Journal of Abstract and Computational Mathematics, 6(1), 2021, 32–40 (ISSN 2149–7168).
35. Nonlinear Integrodifferential Equations with Time Varying Delay, (with Manoj Karnatak, Kamalendra Kumar), Advances in the Theory of Nonlinear Analysis and its Applications 5 (2021) No. 3, 433–444 (ISSN 2587–2648) **SCOPUS**
36. Discussion on boundary controllability of nonlocal fractional neutral integrodifferential evolution systems, (with Dr. Yong–Ki Ma, Dr. Kamalendra Kumar, Mr. Rohit Patel, Dr. Anurag Shukla, Dr. Velusamy Vijayakumar) AIMS Mathematics 7(5), 2022, 7642–7656 (ISSN 2473–6988) SCIE SCOPUS

BOOKS :

1. Partial Differential Equations with Numerical solutions (with Nagendra Kumar), Anamaya Publishers, New Delhi, 2010. ISBN 978–81–89927–11–0
2. Theory of Differential Equations 1st Edition (with A.K. Saxena), Aey Key Publications, Bareilly, 2011. ISBN 978–81–921202–3–2
3. Geometry and Vector Calculus (with A.K. Saxena), Aey Key Publications, Bareilly, 2011. ISBN 978–81–921202–4–9
4. Algebra and Trigonometry (with A.K. Saxena) Aey Key Publications, Bareilly, 2011. ISBN 978–81–921202–8–7
5. Differential Equations and Calculus of variations (with Nagendra Kumar), CBS Publishers & Distributors Pvt. Ltd., Delhi, 2013. ISBN 978–81–239–2204–1
6. Advances in Applied Mathematics and Computational Physics (Eds. Rakesh Kumar, Anil Kumar, Nagendra Kumar and Khalil Ahmad) Proceeding of NCAMCP–2012, World Education Publishers, Delhi, 2013. ISBN 978–81–909873–7–0
7. Partial Differential Equations with Numerical solutions (with Nagendra Kumar), Real World Education Publishers, New Delhi, 2015. ISBN 978–81–927151–8–6
8. Calculus 2nd Edition (with A.K. Saxena), Aey Key Publications, Bareilly, 2015. ISBN 978–81–921202–1–8
9. Differential Equations and Integral Transforms (with Nagendra Kumar), CBS Publishers & Distributors Pvt. Ltd., Delhi, 2016. ISBN 978–93859–42–0
10. Proceeding of National Conference on “Modern Trends in Analytical & Environmental Physics” NCMTAEP–2016, (Eds. Anil Kumar & Rakesh Kumar) in International Journal of Advance Research and Innovation 2017. (ISSN 2347–3258)

11. Computer Based Numerical and Statistical Techniques (with Kamendra Kumar), CBS Publishers & Distributors Pvt. Ltd., Delhi, 2018. ISBN 9789387085121.
12. Emerging Advances in Mathematical and Physical Sciences (with Anil Kumar, Dilip Kumar and Sunder singh), Walnut Publication, Bhubaneswer, India, 2020. ISBN 9789390261673, eISBN 9789390261680

Annexure – II

Participation in Conferences/Seminars/Workshops :

		Total	In Last 5 years
Conferences	National	9	Nil
/ Seminars	International	7	1
Workshops		4	–
Total		20	1

1. Participated in “**61st Annual Conference of Indian Mathematical Society**” held at A.M.U. Aligarh during December 27–30, 1995.
2. Participated “**National Symposium for research in Mathematics**” in the Department of Mathematics, Shivaji University, Kolhapur, Maharashtra (India) during March 20–24, 1996.
3. Participated in “**Fourth Annual Conference of Indian Society of Industrial and Applied Mathematics**” in the Department of Mathematics, Jamia Millia Islamia, New Delhi during April 6–8, 1996.
4. Participated and delivered talk entitled “**wavelet series and wavelet packets**” in the “**Conference on Functional Analysis and its Applications**” in the Department of Mathematics, Jamia Millia Islamia, New Delhi during August 19–22 1996.
5. Participated and presented a paper entitled “Introduction to wavelets” in “**International Conference on Functional Analysis with Applications**” in the Department of Mathematics, A.M.U. Aligarh during December 16–19, 1996.
6. Participated in “**International Conference on Function Spaces and Applications to Partial Differential Equations**” in the Department of Mathematics, University of Delhi during December 15–19, 1997.
7. Participated in “**Workshop on Industrial Mathematics**” in the Department of Mathematics, Jamia Millia Islamia, New Delhi during April 11–12, 1998.
8. Participated and delivered a talk titled “**Fourier transform of Wavelet packets**” in the “**Conference on Functional Analysis and its Applications**” in the Department of Mathematics, University of Delhi during January 22–25, 1999.
9. Participated in “**International Instructional Workshop on Wavelets and their Applications**” in the Department of Mathematics, University of Delhi during August 16–27, 1999.
10. Participated in “**Teaching and Research of Mathematics as an Instrument of National Development**” in the International Conference on Industrial and Applied Mathematics held at India International Centre, New Delhi during December 4–6, 2004.
11. Participated in “**Training Programme on Theoretical and Numerical Aspects of Ordinary Differential Equations**” in the Department of Mathematics, I.I.T. Guwahati during December 15–24, 2005.
12. Participated in “**Advanced Training in Mathematics School for Lecturers in Algebra and Linear Algebra**” in the Department of Mathematics, I.I.T. Bombay during June 5 to July 1, 2006.

13. Participated and presented paper titled "**Convolution bounds and Convergence of wavelet packet series**" in the "**International Conference on Modelling of Engineering and Technological Problems**" held at B.M.A.S. Engineering College, Keetham, Agra (U.P.) during January 14–16, 2009.
14. Participated in "**International Conference on Recent Trends in Mathematics and its Applications**" in the Department of Mathematics, Jamia Millia Islamia, New Delhi during March 30–31, 2009
15. Participated and delivered contributory talk in "Satellite conference on ICM 2010 on Mathematics in Science and Technology jointly organized by ISIAM and Sharda University at Indian Habitate Center Lodhi Road New Delhi August 14–17, 2010.
16. Participated in National Conference on "Applied Mathematics and Computational Physics" in the Library Hall, Hindu College, Moradabad funded by UGC, New Delhi & CST, Lucknow (UP) on February 25–26, 2012.
17. Participated in workshop for the research project sponsored by ICSSR New Delhi on "Challenges towards the internal security of India, with special reference to increasing tendency of regionalism" organized by Department of Defense Studies, Hindu College, Moradabad on February 08, 2015.
18. Participated in a National Symposium on "Wavelets and its Applications" organized by Department of Mathematics, MJPRU Bareilly, on December 20–21, 2015.
19. Participated and delivered an Invited talk "A brief survey on wavelets and their applications in technology" in 3rd National Conference on "Applications of Mathematics in Science, Technology & Management" organized by Department of Mathematics, SRMS College of Engineering and Technology, Bareilly January 22–23, 2016.
20. Participated and presented a paper titled "Projection Operator corresponding to wavelet packets" in 5rd International Conference on "Innovative Approaches in Applied Sciences and Technologies" jointly organized by SERS, Meerut and BBAU, Lucknow, U.P. (India) December 03–05, 2021.

Annexure–III

Conferences/workshops/seminars on general topics

1. Participated in national conference on " क्रांतिकारियों के सपनों का हिन्दुस्तान एवं वर्तमान चुनौतियाँ " organized by Bhart Jan Gyan Vigyan samiti, 202 IPS, Sector–9, Lucknow during March 23–24, 2007.
2. Working as member in " प्रादेशिक रोवर्स-रेंजर्स समागम – 2009 "organized by Hindu College, Moradabad during February 24–26, 2009.
3. Participated in workshop on " अम्बेडकर एवं गाँधी की पत्रकारिता एवं दलित चिन्तन " held by Dr. Ambedkar Adhdhyan Kendra, KGK College, Moradabad on December 6, 2010.
4. Contributed as resource person in the workshop in the research project sponsored by ICSSR, New Delhi on "Challenges Towards the Internal Security of India, with special reference to increasing tendency of regionalism" organized by Department of Defence Studies, Hindu College, Moradabad on February 08, 2015.

5. Attended Regional workshop on “NAAC & Quality of Higher Education” organized by Maharaja Agrasen Mahavidhyalya, Bareilly on November 10, 2016
6. Attended a three days workshop on “Total Quality Management in Higher Education: Role of IQAC” organized by IQAC MJP Rohilkhand University, Bareilly on February 22–24, 2017.
7. Participated in State Level Seminar/Workshop on “Capacity Building for IQAC in Higher Education” organized by Department of Higher Education, Govt. of UP & UP State Council of Higher Education at Dr. Ram Manohar Lohia National Law University, Lucknow, on March 25, 2017.
8. Presented a paper in the regional seminar on “Digital India: an initiative towards transformation and empowerment” organized by Department of Physics, RSM College, Dhampur, Bijnor, on January 18, 2018.

Annexure–IV

Conferences/Seminars/Workshops Organized

1. Organized one day workshop on “स्नातकों एवं परास्नातकों के हेतु रोजगार की संभावनाएं” in the Library Hall, Hindu College, Moradabad on Dec. 23, 2010 for UG/PG students.
2. Organized a two days National Conference on “Applied Mathematics and Computational Physics” in the Library Hall, Hindu College, Moradabad funded by UGC, New Delhi & CST, Lucknow (UP) on February 25–26, 2012.
3. Co-convener, in a two days National Conference on “Modern Trends in Analytical & Environmental Physics” in the Library Hall, Hindu College, Moradabad funded by UGC, New Delhi & CST, Lucknow (UP) on October 17 – 18, 2016.
4. Convener in one day National Seminar on “Quality in Higher Education: In perspective of NAAC” In the IGNOU Hall, Hindu College, Moradabad organized by IQAC on March 11, 2018
5. Convener, in three days International E-Conference on “Emerging Advances in Mathematical and Physical Sciences” organized on ZOOM platform jointly by Department of Physics and Mathematics, Hindu College, Moradabad on June 28–30, 2020.

Annexure V

Summer Institute, Refresher or Orientation Courses Attended :

1. Attended Orientation Courses for College/University Teachers held under the auspices of A.S.C., A.M.U., Aligarh from 26 August to 22 September 2002.
2. Attended Refresher Courses for College/University Teachers held under the auspices of A.S.C., J.M.I., New Delhi from 7 January to 28 January 2004.
3. Attended Orientation Courses for College/University Teachers held under the auspices of A.S.C., A.M.U., Aligarh from 18 November to 8 December 2007.
4. Attended Special Summer School for College/University Teachers held under the auspices of A.S.C., A.M.U., Aligarh from 4 August to 27 August 2008.

Lectures Delivered

1. Ph.D. Course work in 2018–19, 2020–21, 2022–23
2. Delivered a guest lecture on “Convergence of sequence and series of functions” on dated 23.05.2022 in Department of Mathematics, Faculty of Engineering, TMU, Moradabad.

Annexure – VI

Contribution to the Corporate life of the Institution

1. Doing room invigilation in different examinations held in the college in the years 2000–2003, 2005–2007, 2014.
2. Member of admission committee for B.Sc. I (Evening) mathematics group in 2001.
3. Member of admission committees for B.Sc. III (mathematics group) in 2001, 2002–2007, 2009.
4. Member of admission committee for M.Sc. (Pre.) in 2002.
5. Doing evaluation of answer books of different examinations from 2003–2021.
6. Member of counting team in the election of students union in 2003.
7. Member, Board of Studies of Mathematics, M.J.P. Rohilkhand University, Bareilly, for 2 years w.e.f. July, 2004 and again w.e.f. July 2016.
8. Member of polling team in the election of students union in 2004.
9. A.S. (Assistant Superintendent) in main and improvement examination of M.J.P. Rohilkhand University, Bareilly at Hindu College, Moradabad in 2004, 2008, 2013, 2016, 2019, 2021.
10. A.S. (Assistant Superintendent) in Entrance examination held in Hindu College, Moradabad for B.Sc. I admissions in 2007.
11. A.S. (Assistant Superintendent) in CPMT Entrance examination held in Hindu College, Moradabad in 2007.
12. A.S. (Assistant Superintendent) in PCS lower subordinate examination held in Hindu College, Moradabad in 2007, 2008.
13. Coordinator of tour organized for book fair in Pragati Maidan, New Delhi February 9, 2008.
14. Doing evaluation of answer books of B.Sc. I examinations of Chhatrapati Sahuji Maharaj University, Kanpur in 2007, 2011, 2013.
15. Convener of admission committee B.Sc. I (Mathematics group) in 2008.
16. Observer in B. Ed. Entrance Examination 2008 (held on 19–10–2008 by Dr. B. R. Ambedkar University, Agra) at Lions Rohila Inter College, Bareilly (Center Code – 46).
17. Working as Manager Hindu College team in the 34th Athletic (Men/Women) meet 2008–09, M.J.P. Rohilkhand University, Bareilly, held on Nov. 28–30, 2008.
18. Working as a member of university flying squad in main exam 2009, 2012, 2017.
19. Subject expert for appointing lecturer in the Department of Mathematics, Waseem Turki College, Fatehpur Mafi, J. P. Nagar 2009.
20. Member of admission committee for B.Sc. II (mathematics group) in 2010.
21. Dean, Student's welfare committee, Hindu College, Moradabad sessions 2010–11, 2011–12 and 2012–13.
22. Working as subject expert of interview committee in madhymik shiksha board Allahabad, on September 15–16, 2010.
23. Working as expert of interview committee in madhymik shiksha board Allahabad, on January 17–18, 2010.
24. Paper setter of M.J.P. Rohilkhand, Bareilly and Chhaterpati Sahuji Maharaj University, Kanpur, Baba Ghulam Shah Badshah University, Rajouri–(J&K).
25. Observer TGT competition examination held on 13–2–2011 & 20–2–2011 by madhymik shiksha board Allahabad at Pt. Ambika Prasad Inter College, Moradabad.

26. Observer PGT competition examination held on 22-5-2011 by Madhymik Shiksha board Allahabad at S.S. Inter College, Moradabad.
27. Co-coordinator at evaluation centre no.-8 of MJP Rohilkhand University, Bareilly in main examination 2011.
28. Working as proctor in Hindu College, Moradabad w. e. f. July 1, 2011 – April 2014.
29. Working as a member of flying squad in main exam 2011, 2012, 2015.
30. Member, On Line Admission Committee, Hindu College, Moradabad 2012, 2015, 2016, 2017.
31. Convener, SC/ST Admission Committee, 2012.
32. A.S. B.Ed. main Examination 2012
33. A.S. B.Ed. Entrance Exam. 2012, 2013.
34. Working as Peethaseen Adhikari in UP Vidhan Sabha Election 2012.
35. Convener, On Line Admission Committee, Hindu College, Moradabad, in session 2013-14.
36. Nodal Officer, Scholarship in sessions 2013-14, 2016-17 and 2017-18.
37. In-charge, CPGC, Hindu college, Moradabad w. e. f. July 2013 – April 2014. July 2018 to 30th September 2019
38. A.S. in PCS Pre exam 2013.
39. A.S. in Police recruitment exam 2013.
40. Examiner of Physical Education and Sports in 2013.
41. Master trainer in MP Election-2014 and , 2016.
42. Member, B.Sc. I admission Committee, Hindu College, Moradabad, 2014.
43. Coordinator of Website Updating Committee in Hindu College, 2015.
44. Teacher Member of IQAC, Hindu College, May 2015 to August 2016, Jan 2018 to March 2019.
45. A.S. in UPTU SEET Entrance Exam. Held on 19-04-2015 at Hindu College, Centre.
46. A.S. in JEE B. Ed. Held on 25-04-2015 at Hindu College Centre.
47. A.S. in U.P. PCS (Preliminary)-2015 held on 10-05-2015 at Hindu College Centre.
48. ARO, at Bhagatpur Tanda Block in Gram Pradhan Elections 2015.
49. A.S. in M.Ed. Exam 2016.
50. A.S. in BBA exam in Dec. 2016, 2017 at Hindu college Centre.
51. Assistant Coordinator, Collection center Exam 2017, 2019 at Hindu College.
52. Member of committee to vacate canteen premises in the college. 2017
53. In-Charge, Online Admission in session 2017-18.
54. Coordinator to remove UGC objections 2017.
55. Member, IQAC from January 2018 to March 2019.
56. Member of college flying squad in exam 2018, 2020.
57. Head Examiner at evaluation center-2 at MJP Rohilkhand university, Bareilly.
58. Member of on line admission committee-2018.
59. Worked in Chhatisgarh Public Service Commission, Raipur in 2015,16,17.
60. Worked in Madhaya Pradesh Public Service Commission, Indore in 2017.
61. Worked in Uttar Pradesh Public Service Commission, Indore in 2021.

63. Worked as Zonal officer in Vidhan Sabha Election, 2022 in Noorpur Zone, Bijnor.
62. Worked as SS in MJPR University Exam at RSM College, Dhampur from November 2021 to April 2023.

Date 28-05-2023

Rakesh Kumar