

Brief Resume:

Name : Kalishankar Tiwary

**Academic Qualifications: M.Sc., Ph.D., D.Sc. ISROSET, FIRA
Siksharatna (WB Govt.) Awardee, Research Associate (CSIR)
Awardee**

Subject: Mathematics

• Designation :

- Dean, Faculty of Science & Management
 - Professor of Mathematics and Head of the Department of
Computer & Information Science
 - Coordinator, NAAC
 - Director, Internal Quality Assurance cell (IQAC),
Raiganj University
-

**Postal Address : Department of Mathematics,
RaiganjUniversity,Raiganj 733134**

Uttar Dinajpur,West Bengal, India.

Email:tiwarykalishankar@yahoo.com

Contact no. +91 9433927071

Research Exp. 25 years

Teaching Experience: 30 years

Past experience: Joined as lecturer in Mathematics in Vivekananda Mission college (Chatnyapur, Haldia) affiliated to Vidyasagar University on the recommendation The West Bengal College service commission on 17 the December,2016 and continued to the post till 24 thAugust,1992. Was in the different committees of the college.

On 25 the August 1992 joined to the Prafulla Chandra college known as City college South, Kolkata and affiliated to Calcutta University and continued till 26th May,2016 and left for joining as Professor of Mathematics, an open post through selection committee on 27 th May,2016 to RaiganjUniversity.

Was member of SB fund committee,Admission Committee ,Academic sub committee,Finance and purchase committee and Establishment committee in Prafulla Chandra college.Was coordinator of NAAC steering committee in 2006-2007 and 2015-2016 of Prafulla Chandra College.

Was visiting faculty member of Nopany Institute of Management Studies,Kolkata affiliated to then West Bengal Technical University, Kolkata

Served as part time faculty member of Umesh Chandra college and Siva NathSastricollege,Kolkata.

Awards and achievements: Ranked first among first class in M.Sc. exams Kalyani University ,Ranked 2nd among first class in BSc.(Hons.) exams Kalyani university .

Awarded National Merit scholarship in School as well as University examinations.

Research Associate ship awardee of CSIR.

Worked jointly with

Prof B K Lahiri of Kalyani University

Prof T.Basu of Jadavpur University

Prof S De Sarkar of North Bengal University

Prof B.E .Rhoades of Indiana University Bloomington USA

Worked as principal investigator of Minor Research Project
financed by University Grants Commission

1. For study on 2 metric, 2-normed and 2 Banach spaces

Another on

2. Normal Structure

Membership:

Life member, Indian Mathematical Society

Life member, Calcutta Mathematical Society

Life member, Ramkrishna Mission Cultural Institute, Kolkata

Life member, St. John's ambulance

Life member, Society of Non linear Analysis Kolkata

Ordinary member, Indian Science Congress Association

Formerly Institute member, Indian Statistical Institute,
Kolkata

Member of Executive council, Calcutta Mathematical Society
for 2012-2015 & 2015-2018.

Member, University Court Raiganj University

Chairman, Undergraduate and post graduate Board of studies in
Mathematics of Raiganj University

Convener Ph.D. committee in Mathematics Raiganj University

Visiting faculty member of Prafulla Chandra college (PG
section) (Calcutta University)

Councillor at PG Study centre of Vidyasagar University at
Jogmaya devi college at Kolkata

Formerly Treasure,Secretary,President of Lion's club of Kanchrapara Dist 322B

Formerly Zone chairman Lion's clubs of 322B

Many times member of the Dist cabinet of Lion's club of Dist 322B

Formerly members of many committees of prafulla Chandra college

Member of the governing body of the prafulla Chandra college for nearly 20 years.

Formerly member of the council of the Brahmo Samaj Education Society ,Kolkata

Formerly members of the different committees of Vivekananda Mission Mahavidyalaya, Haldia

Formerly attached with Sivanath Sastri and Umesh Chandra College of Kolkata as Part time Faculty member

4 students have already been awarded their Ph.D. degree.Three from Jadavpur University and rest from Vidyasagar University.

6 students are working for their Ph.D. degree.Two are working for their M. Phil degree,2 have submitted for the award of Ph.D.

Chief Editor,Institute of research advances,Hariyana

Executive Editor, ISROSET

Editor, IJCBSE,SU,Karnataka

Editor University News Bulletin Raiganj University.

Officer in charge(offg.), Raiganj University city office Kolkata

Member Screening Committee, API of Raiganj University

Looked after on many occasions University campus in the absence of Vice Chancellor as campus incharge.

University librarian (officiating)

Chairman of the Board of undergraduate and postgraduate graduate studies.

Member of the Canteen committee

Member of the garden committee Raiganj University

Organizing Secretary and Convener, International Conference on local issues Global resolutions: ECOLOGY, ENVIRONMENT, CLIMATE & ECONOMY, 10th&11th January, 2018, Raiganj University

PUBLISHED/ACCEPTED RESEARCH PAPERS FOR

PUBLICATION

1. Kalishankar Tiwary and B.K. Lahiri (1985), Generalisation of a fixed point theorem, J. Nat. Acad. Math, 353-56.
2. Kalishankar Tiwary and B.K. Lahiri (1986), Generalised non linear ergodic theory, Vidya, 29, 1-6.
3. Kalishankar Tiwary and B.K. Lahiri (1988) Fixed and Periodic Point under set valued mappings, Ind. Jr. Pure and Appl. Math., 19(8), 717-727.
4. Kalishankar Tiwary and B K Lahiri (1988), Fixed point theorems for generalized well contractive mappings, Ranchi university mathematical journal, 19, 77-86
5. Kalishankar Tiwary and B.K. Lahiri (1989), Approximations of non linear mapping, Bull. Cal math. soc., 81, 427-434.

6. Kalishankar Tiwary and B.K. Lahiri (1989), A generalization of fixed point theorem, Jr., Bihar Math. Soc., R
7. Kalishankar Tiwary and B.K. Lahiri (1990), Some set theoretic properties of continuous linear operators, Bull. Cal. Math. Soc., 82, 272-278.
8. Kalishankar Tiwary and B.K. Lahiri (1992) On a theorem of Edelstein, The Mathematics student, 12, 61-64.
9. G.N. Singh and Kalishankar Tiwary (1992), Fixed point theorem in Banach spaces, Bull. All India Math. Soc., 7, 23-29.
10. B.K. Lahiri and Kalishankar Tiwary (1994), Banach-Steinhaus theorem in 2-Banach spaces, Jr. Math Sci., 28, 91-101.
11. G.N. Singh and Kalishankar Tiwary (1994) A fixed point theorem, The Mathematics Education, 28, 94-102.
12. A fixed point theorem for G.N. Singh and Kalishankar Tiwary (1995) set valued mappings, Acta Scientiarum Indica, 21, 73-76.
13. B.E. Rhoades, Kalishankar Tiwary and G.N. Singh (1995), A common fixed point, Ind. Jr. Pure and Appl. Math., 26, 403-409.
14. Kalishankar Tiwary, T. Basu and S. Sen (1995), Some common fixed point theorems in complete metric spaces, Soochow Jr. Math. 21, 451-459.
15. Kalishankar Tiwary, T. Basu and S. Sen (1995), Some results on approximation of fixed points of non-linear mappings, Bull. Cal. Math. Soc., 87, 425-434.
16. Kalishankar Tiwary and G.N. Singh (1995), A fixed point theorem, The Mathematics Education, 29, 53-54.

17. Kalishankar Tiwary and S.C. Debnath (1995), On Ishikawa iterations, Ind. Jr. Pure and Appl. Math., 26, 742-750.
18. Kalishankar Tiwary and S.C. Debnath (1995), A fixed point theorem for densifying mappings in a complete metric spaces, Jr. Ind. Acad. Math., 17, 146-149.
19. Kalishankar Tiwary and S. Sen (1997), Some fixed theorems for densifying mappings
20. B.K. Lahiri and Kalishankar Tiwary (1997), Fixed point theorem for set valued mappings in reflexive Banach spaces, Ind. Jr. Pure And Appl. Math., 39, 107-111.
21. Kalishankar Tiwary and S.C. Debnath (1997), Some common fixed point theorems for compatible mappings, Acta Scientiarum Indica, 23, 317-325.
22. Kalishankar Tiwary and G.N. Singh (1994/2000), Fixed point and continuity of multi valued mappings in complete metric spaces, Ranch Univ. Math. Jr., 25, 73-81.
23. Kalishankar Tiwary and S.C. Debnath (2002/2003), Some common fixed point theorems in metric spaces-II, Vidyasagar Univ., Jr. Phys. Sci., 8, 118-126.
24. Anjana Kundu and Kalishankar Tiwary (2003), A common fixed point theorem for five in metric spaces, Review Bull. Cal. Math. Soc., 11, 1-6.
25. Kalishankar Tiwary and U.K. Samajpati (2003), Common fixed point theorems for mappings in reflexive Banach spaces, Jnanbha, 33
26. Kalishankar Tiwary and Anjana Kundu (2004), A fixed point theorem in Hilbert spaces, Ranchi University Mathematical Journal, 32-33, 13

27. Kalishankar Tiwary and Anjana Kundu (2004), Some fixed point theorems for contractive type mappings, Acta Scientiarum Indica, 30, 849-859.
28. Kalishankar Tiwary and Uttam Samajpati (2004), Some fixed point theorems for contractive type mappings, Jnanbha, 34.
29. Kalishankar Tiwary and Uttam Samajpati (2005), On common fixed points of mappings in Hilbert spaces, Acta Scientiarum Indica, 31, 139-144.
30. Kalishankar Tiwary and S.C. Debnath (2005), Fixed point theorem for set valued mappings, Bull. Cal. Math. Soc., 97, 275-282.
31. B.K. Lahiri and Kalishankar Tiwary (2005), Periodic points of a set valued mappings, Ind. Jr. of Math., 47, 249-257.
32. B.K. Lahiri and Kalishankar Tiwary (2005), Normal structure, Jr. Math. Sci. (pcc), 1, 1-17.
33. Kalishankar Tiwary and G.N. Singh (2005), Some fixed point theorem for α -contractive mappings.
34. Kalishankar Tiwary and S.C. Debnath (2005), Some fixed point theorem in Banach spaces. Jr. Math. Sci. (pcc), 1, 18-24
35. Kalishankar Tiwary and Uttam Samajpati (2005), Common fixed point theorems for satisfying a general contractive conditions of integral type, Jr. Math. Sci. (pcc), 1, 37-43.
36. Kalishankar Tiwary et al. (2006), On Ishikawa iterations in Banach spaces (II), Acta Scientiarum Indica, 32, 43-54.
37. Anjana Kundu and Kalishankar Tiwary (2006/2007), Common fixed point theorem in uniform spaces, Jr. Tri. Math Soc., 8, 45-50.

38. Kalishankar Tiwary and Uttam Samajpati (2008), On Ishikawa iterations in Banach spaces, Bull. Cal. Math. Soc., 100, 379-392.
39. S. Desarkar and Kalishankar Tiwary (2008), Periodic Points - - - - - Mappings, Jr. of Mathematics (NBU), 1, 91-96.
40. S. Desarkar and Kalishankar Tiwary (2009), Fixed Point Theorems for contractive type compatible mappings in 2-metric spaces. , Jr. of Mathematics (NBU), 2, 2, 181-194.
41. S. Desarkar and Kalishankar Tiwary (2011), Some fixed point theorems for d-compatible mappings in metric spaces, Inter. Jr. Math. Archive, 2, 12,
42. Kalishankar Tiwary (2011), On periodic points for set valued mappings in metric and generalized metric spaces, News Bull. Cal. Math. Soc., 34, 7-9, 26-27.
43. Kalishankar Tiwary and Rajendra Kishore (2011), Some set theoretic properties of continuous linear operators satisfying some conditions, News Bull. Cal. Math. Soc., 34, 7-9, 28.
44. Kushagra Tiwary and Kalishankar Tiwary (2012), Fixed point theorems under set valued mappings in vector metric and generalized vector metric spaces, Abstracts, ICDS 2012, Jadavpur University, India, 36.
45. Kalishankar Tiwary and G.N. Singh, Fixed point theorem for densifying mappings , The Mathematics student (accepted).
46. Kalishankar Tiwary and S. Sen, Some fixed point theorems in complete metric spaces (accepted).
47. Kalishankar Tiwary, On approximations of fixed points for non expansive type mappings 1, accepted for publication.

- 48 Kalishankar Tiwary, On periodic points of set valued mappings in metric spaces. Accepted for publication.
49. Kalishankar Tiwary, On periodic point of contractive type mappings in generalized metric spaces, Accepted for publication.
50. Kalishankar Tiwary, On periodic points in Uniform spaces, Communicated for publication.
51. Kalishankar Tiwary, On approximation of of generalized non expansive type mappings in uniformly convex Banach spaces. . Communicated
52. Kalishankar Tiwary and T. Gain, Fixed and periodic point in 2 metric spaces, Communicated.
53. Kalishankar Tiwary and T Gain, Approximation of fixed points in Reflexive Banach Spaces, Communicated.
54. Kalishankar Tiwary and Anjana Kundu, On fixed point in uniformly convex Banach spaces, Communicated.
55. Kalishankar Tiwary and K.D. Sarkar, Periodic points in uniformly convex Banach spaces, Communicated. Kalishankar Tiwary and S Sent. Fixed point in 2 metric spaces, communicated.
56. Kalishankar Tiwary and S.C. Debnath. periodic points in Fuzzy Metric spaces. Communicated.
57. Kalishankar Tiwary and T. Gain, Fixed points for set valued mappings in uniform spaces, Communicated.
58. Kalishankar Tiwary and K. D. Sarkar, On approximations of fixed points in uniform spaces, Communicated.
59. Krishnadhan Sarkar and Kalishankar Tiwary, Some Common Fixed Point Theorems in 2-Metric Spaces, International

Journal of Information Science and Computing, 4(2),2017, 89-96.(P ISSN: 2348-7437, O ISSN: 2454-9533)

60. KalishankarTiwary, KrishnadhanSarkar&Tarun Gain, Some Common Fixed Point Theorems in B-Metric Spaces, International Journal of Computational Research and Development, 3(1), 2018,128-130. (ISSN: 2456-3137).

61. KrishnadhanSarkar and KalishankarTiwary, Fixed Point Theorems for Weak C-Contraactions and Weakly Compatible Mappings in 2-Metric Space, International Journal of Mathematical Archive, 9(4), 2018, 179-182. (ISSN: 2229-5046).

62. KrishnadhanSarkar and KalishankarTiwary, Common Fixed Point Theorems for Weakly Compatible Mappings on Cone Banach Space, International Journal of Scientific Research in Mathematical and Statistical Sciences, Vol: 5, Issue-2, 2018, 75-79. (ISSN: 2348-4519).

63. KrishnadhanSarkar and KalishankarTiwary, Fixed point theorem in cone banach spaces, International Journal of Statistics and AppliedMathematics, 3(4), 2018,143-146. (ISSN: 2456-1452)

64. KrishnadhanSarkar and KalishankarTiwary, Some fixed-point theorem in Complete 2-metric Spaces, Journal of Advanced Research in Applied Mathematics and Statistics, Vol. 3, Issue 3, 2018, 19-24.

65. KrishnadhanSarkar and KalishankarTiwary, Some Common Fixed Point Theorems for Single-Valued and Multi-Valued Mappings in Metric Spaces, International Journal of

Scientific Research in Mathematical and Statistical Sciences, Vol: 5, Issue-4, 2018, 419-424. (ISSN: 2348-4519). (Review Paper)

66. Krishnadhan Sarkar and Kalishankar Tiwary, A Generalization of Common Fixed point in 2-Metric Space, International Journal of Technology, Vol. 8, Issue 2, 2018, 100-103. (ISSN: 2231-3915(Online), 2231-3907(Print))

67. Krishnadhan Sarkar and Kalishankar Tiwary, Common Coupled Coincidence Point in Cone Metric Space, General Mathematics, "Lucian Blaga" University of Sibiu - Faculty of Science Department of Mathematics, Romaina, Vol. 26, No. 1-2, (2018), 127-134. (ISSN: 1221-5023).

68. Krishnadhan Sarkar and Kalishankar Tiwary, A Note on Common Fixed Points for (ψ, α, β) -weakly Contractive Mappings in Generalized Metric Space, International Journal of Mathematical Combinatorics, P.R. China, ISSN: 1937-1055.2018

69. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Common Fixed Point on Cone Rectangular Metric Space, *International Journal of Mathematics Trends and Technology (IJMTT) - Volume 56 Issue 5 - April 2018*.

70. Jigmi Dorjee Bhutia, Kalishankar Tiwary: SOME RESULTS ON THE FIXED POINT THEOREM ON CONE METRIC SPACE, International Journal of Mathematical Archive-9(4), 2018, 77-83.

71. Paul, P.K., A. Bhumali, K.S. Tiwary, P.S. Aithal, R. Rajesh (2018) "Digital Education and Learning: The Growing Trend in Academic and Business Spaces—An International Overview" in International Journal of Recent Researches in

Science, Engineering & Technology (IJRRSET), 6 (4), Page-11-18

72. Paul, P.K., A. Bhuimali, K.S. Tiwary, P.S. Aithal, R. Rajesh (2018) “Digital Business towards an Academic and Professional Degree: An International Perspective” in International Journal of Recent Researches in Science, Engineering & Technology (IJRRSET), 6 (4), Page-1-10.

73. Paul, P.K., A. Bhuimali, K.S. Tiwary, P.S. Aithal & R. Rajeh (2018) “Project Management with Special Reference to IT Management and Allied Areas: *An Overview*” in International Journal of Applied Science and Engineering (IJASE), 6 (1), ISSN: 2321-0745, Page- 79-86

74. Paul, P.K., A. Bhuimali, Kalishankar, T., Aithal, P. S., & Rajesh, R. (2018). “Digital Business: The Transition into New Age Dealing Emphasizing Inputs from Cloud Computing and Big Data—A Indian Case” in IRA International Journal of Management & Social Science (ISSN 2455-2267) 11 (2), Page-91-98 (UGC Approved)

75. Paul, P.K., A. Bhuimali, K.S. Tiwary, P.S. Aithal & R. Rajeh (2018) “Digital Finance: The Concept and Emergence with reference to academic affairs” in the Proceedings of National Conference on Exploring avenues in Banking, Management, IT, Education & Social Sciences (ISBN- 978-93-5321-508-8), August, 2018, Srinivas University, Mangalore, India, Page- 8-15

76. Paul, P.K., A. Bhuimali, K.S. Tiwary, P.S. Aithal & R. Rajesh (2018) "Financial Technology and Allied Areas with reference to Bachelors Program: An International Look" in the Proceedings of National Conference on Exploring avenues in Banking, Management, IT, Education & Social Sciences (ISBN- 978-93-5321-508-8), August, 2018, Srinivas University, Mangalore, India, Page- 40-47

77. Paul, P. K., Bhuimali, A., & Tiwary, K. (2019). Raiganj University & its Research Activities: A Comprehensive Overview. *International Journal of Applied Science and Engineering*, 7(1), 95-103.

78. Paul, P. K, A. Bhuimali, P.S. Aithal, K.S. Tiwary & R Rajesh (2019). Education Technology and Allied Fields as Masters Programs: An International Trend in Indian Context. *An International Trend in Indian Context. In Information Technology and Education, Challenges and Opportunities of Smarter Learning Systems, New Delhi Publishers, India, 209-222.*

79. Paul, P. K, Bhuimali, A., Kalishankar, T., Aithal, P. S., & Rajesh, R. (2018). SWAYAM: The Platform for Modern and Enhanced Online and Flexible Education-A Knowledge Survey. *International Journal of Applied Science and Engineering*, 6(2), 149-155.

80. Paul, P.K., A. Bhuimali, P.S. Aithal, K.S. Tiwary & R Rajesh (2019). Information Assurance Policy: Basics and Managerial Overview in Advance Computing and Informatics: The Emerging Context (Handbook), ISBN: 978-93-88879-34-7 New Delhi Publishers, New Delhi.

81. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Fixed point theorem of a set valued map on Cone metric space, Malaya Journal of Mathematik, Volume 7, Issue 2, 2019, 287-294.

82. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Approximating Fixed points of a non linear mapping using K iteration process on complete metric space, J. Fixed point Theory, 2019, 2019:9.

83. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Fixed Point theorems and dynamic processes for set valued maps on Cone Metric space, JP Journal of Fixed Point Theory and Applications, Volume 14, Number 1, 2019, 21-40.

84. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Common Fixed Point Theorems in Metric space Using New CLR Property, Journal of Advanced studies in topology.

85. Jigmi Dorjee Bhutia, Kalishankar Tiwary: NEW ITERATION PROCESS FOR APPROXIMATING FIXED POINTS IN BANACH SPACES, Journal of Linear and Topological Algebra, 2019

86. Jigmi Dorjee Bhutia, Kalishankar Tiwary: Common fixed points Theorem for four mappings on Metric space satisfying Contractive conditions of Integral type, Malaya Journal of Mathematics

87. Tarun Gain and Kalishankar Tiwary, "Common fixed point theorems on Multi-Valued Mappings on b-Metric Spaces", International Journal of Research and Analytical Reviews, Vol. 6, Issue 2, pp-45-48, 2019.

88. Tarun Gain and Kalishankar Tiwary, "Some Common Fixed Point Theorems in 2-Metric Spaces for Contractive Type Condition", IJSRMSS, Vol. 6, Issue 4, pp 55-58, 2019.

89. Kalishankar Tiwary, Biplab Kumar Bag, Chandan Kamelia, "Common Fixed Point Theorems in Complete Hausdorff Uniform Spaces", IJSRMSS, Vol. 6, Issue 4, pp 84-88, 2019.

90. Kalishankar Tiwary, Chandan Kamelia, Biplab Kumar Bag, "On Common Fixed Points of Mappings in Hilbert Spaces, ", IJSRMSS, Vol. 6, Issue 4, pp 100-103, 2019.

91. Dinanath Barma , Krishnadhan Sarkar, Kalishankar Tiwary, "Common Fixed Point Theorems Using T-Hardy-Rigers Type Contractive Condition and F- contraction on a complete 2-Metric space", (Communicated)

92. Basak,M.,Saha,L.,Das,G.K.,Tiwary, Kalishankar,Fault-Tolerant metric dimension of circular graphs $C_n^{(1,2,3)}$, Theoretical Computer Science,In press,2019

93. Basak,M.,Saha,L.,Tiwary,Kalishankar, Characterizationfor square of grids,Linear and multi linear Algebra, Communicated.

1. Basak,M.,Saha,L., Tiwary, Kalishankar, Charectrization ofpower of paths,Theory of Computing systems,Communicated.

SEMINAR/CONFERENCES ETC.ATTENDED ASRESOURCE PERSON/PAPERPRESENTER/PARTICIPANTS

1. International Symposium of recent advances in Mathematics and its applications (ISRAMA-2006), Calcutta Mathematical Society, Kolkata-642007.
2. UGC sponsored National Seminar-cum-Workshop on "Evaluation System at undergraduate level" at St. Xavier's College, Kolkata-2007.

3. International Symposium of recent advance in Mathematics and its application (ISRAMA-2007), Calcutta Mathematical Society, Kolkata-64, 2007.
4. International Seminar on partition of India on the literature of Indian sub-continent, Gandhi center for north eastern languages, Presidency University and Rabindra Bharati University, 16-17 Sept., 2010.
5. International Conference on recent development in mathematical sciences and their applications, Calcutta mathematical society, India, 09-11 Dec., 2010.
6. Invited to deliver a talk in a National seminar on recent development in mathematics, North Bengal University, 10-12 Feb., 2011.
7. National Seminar on analysis and its applications, Calcutta mathematical society, India, 06-07 Sept., 2011.
8. International conference on dynamical system, Jadavpur University, Feb 12-14., 2012.
9. Invited to deliver a talk in a National seminar on Mathematics and its applications, Vidyasagar University 12-13 Jan, 2013.
10. Invited to deliver a talk on P.C. Ray in Birla Industrial Museum, Kolkata, 2nd Aug. 2013.
11. International conference on recent development in mathematical sciences and their applications, Calcutta mathematical society, India, 16-18 Dec., 2013.
12. National seminar on Mathematics and its applications, Calcutta Mathematical Society, 4-6 Sept, 2014.
13. National Seminar on S.N. Bose, Calcutta Mathematical Society, 1st April. 2015.
14. Delivered invited talk in the International Conference in Mathematics Organized by Burdwan University, India, 2018

One book on fixed point theory and its applications is in the process of publication from leading publishing house named Sarat Book House of College Street, Kolkata.

Participated and delivered invited talks/presented papers in many conferences and attached as referee of some research journals. Have adjudicated many Ph.D. thesis and conducted Viva Voce of the Ph.D. thesis .

Served Burdwan University as a member of the selection committee and delivered invited talks in the International Conference and Refresher Course

Served in the selection committee of the Sidhu Kanho Birsha University

Served North Bengal University with the capacity of member of the moderation committee and external examiner of Mathematics of post graduate students.

Served Panchanan Burma University as a member of moderation committee.

Delivered talk in Ph.D. Course work in The West Bengal State University Barasat.

Attended Jaiprakash. University Bihar to conduct viva voice of Ph.D. students.

