

# CURRICULUM VITAE

**DR. MOHAMMAD ASHRAF**  
**Professor of Mathematics**  
Department Of Mathematics  
Faculty Of Science, A.M.U., Aligarh

**Address For Correspondence**  
Department Of Mathematics  
Aligarh Muslim University  
Aligarh –202002 (India)  
Tel. No. 0091–571–2703364  
Mobile No. –9412517492  
E-mail [-mashraf80@hotmail.com](mailto:-mashraf80@hotmail.com)

## Employment History

- **Lecturer** in the Department Of Mathematics, Aligarh Muslim University, from December 20, 1986 to September 10, 1992.
- **Senior Lecturer** in the Department Of Mathematics, Aligarh Muslim University, from September 11, 1992 to March 28, 1997.
- **Reader** in the Department Of Mathematics, Aligarh Muslim University, from March 29, 1997 to December 15, 1998.
- **Associate Professor** in the Department Of Mathematics, King Abdul Aziz University, Jeddah, Saudi Arabia from December 16, 1998 to February 10, 2004.
- **Reader** in the Department Of Mathematics, Aligarh Muslim University, from February 11, 2004 to March 28, 2005.
- **Professor** in the Department Of Mathematics, Aligarh Muslim University, from March 28, 2005 (continue).

## Scholastic Records

- **Ph.D. (Mathematics)** from Aligarh Muslim University, Aligarh in the year 1986.  
**Topic Of Ph.D. Thesis:** “A study of certain commutativity conditions for associative rings.
- **M.Phil. (Mathematics)** from Aligarh Muslim University, Aligarh in the year 1983.  
**Topic Of M.Phil. Dissertation:** “A study of commutativity of some special classes of rings”.
- **M.Sc. (Mathematics)** from Aligarh Muslim University, Aligarh in the year 1981.
- **B.Sc. (Mathematics, Physics & Chemistry)** from Gorakhpur University, in the year 1978.

## Awards & Scholarships

- Young Scientist Award from Indian Science Congress Association in the year 1988.
- I.M.S. Prize for Best Paper from Indian Mathematical Society for the year 1995.
- Ziauddin Gold Medal for securing first position at M.Sc. examination in the year 1981.
- Senior Research Fellowship from University Grants Commission, India (1984 –1986).
- Junior Research Fellowship from University Grants Commission, India (1982 –1984).
- Postgraduate Merit Scholarship during M.Sc. (1979 –1981).

## **Field Of Specialization/Interest**

Ring Theory/Commutativity and Structure of rings and Near –Rings, Derivations in Rings, Near –Rings & Banach Algebras.

**Research Experience : 24 years**

## **Research Publications**

- Number of Papers Published: 89
- Number of Papers Accepted for Publication: 01
- Papers presented at conferences: 19
- Seminars and Conferences attended: 24
- Number of Books: 01 (edited research volume)

**Teaching Experience: 20 years**

## **Topics Taught**

Abstract Algebra, Linear Algebra, Homological Algebra, Advance Set Theory and Number Theory, Metric Spaces, Complex Analysis, Numerical Analysis, Calculus, Geometry, Complex Trigonometry, Vector Analysis, Series and Sequences, Theory of matrices and Determinants, Mathematical Modelling, Mathematical Logic and Differential Equations.

## **Languages Known**

- *English, Hindi and Urdu:* Read, Write and speak fluently.
- *Arabic:* Read only.

## **Computer Literacy**

- *Environment Worked On:* DOS, WINDOWS 95
- *Packages Known:* MSWORD, PC –TEX, LA –TEX, AMS – TEX
- *Languages Known:* FORTRAN

## Personal Details

Father's Name : Mr. Shakeel Ahmad  
Date and Place of Birth : January 02, 1959, Azamgarh (U.P.)  
Nationality : Indian  
Religion : Islam  
Marital Status/Sex : Married/ Male

## References

Prof. H. Marubayahsi  
Department Of Mathematics  
Naruto University of Educat  
Naruto, JAPAN  
Email: [marubaya@naruto-u.ac.jp](mailto:marubaya@naruto-u.ac.jp)

Prof. S.M.Tariq Rizvi  
Department Of Mathematics  
The Ohio State University  
Lima –Ohio (U.S.A.)  
E –mail: [rizvi.1@osu.edu](mailto:rizvi.1@osu.edu)

**(Dr. Mohammad Ashraf)**

## Research Publications

1. On a commutativity theorem for semi-simple rings, Bull. Austral. Math. Soc. Vol. 31 (1985), 365-368; MR # 86k: 16031 (Jointly with M.A. Quadri).
2. On the commutativity of semi-prime rings, Bull. Inst. Math. (Academia Sinica) Vol. 14, No.4 (1986), 227-230; MR # 88d: 16019 (Jointly with M.A. Quadri).
3. A commutativity condition for semi-prime rings-II, Bull. Austral. Math. Soc. Vol. 33 (1986), 71-73; MR # 87f: 16028 (Jointly with M.A. Quadri and M.A. Khan).
4. Two commutativity theorems for rings, Indian J. Pure and Applied Math. Vol. 17, No.4 (1986), 1207-1209; MR # 88c: 16042 (Jointly with M.A. Quadri).
5. A Theorem on commutativity for semi-prime rings, Bull. Austral. Math. Soc. Vol. 34 (1986), 411-413; MR # 87m: 16059 (Jointly with M.A. Quadri).
6. A note on commutativity of rings, Comm. Fac. Sci. Ankara Vol. 34 (1987), 1-3; MR # 88j: 16039 (Jointly with M.A. Quadri).
7. A condition for commutativity of rings, Kyungpook Math. J. Vol. 27, No.2 (1987), 187-189; MR # 89i: 16028 (Jointly with M.A. Quadri).
8. Some polynomial identities and commutativity of semi-prime rings, Tamkang J. Math. Vol. 18, No.4 (1987), 19-22; MR # 89j: 16048 (Jointly with M.A. Quadri).
9. Commutativity of generalized Boolean rings, Publ. Math. (Debrecen) Vol. 35 (1988), 73-75; MR # 89j: 16049 (Jointly with M.A. Quadri).
10. Some elementary commutativity theorems for rings, Math. Student Vol. 56, No. 1-4 (1988), 223-226; MR # 90h: 16055 (Jointly with M.A. Quadri and M.A. Khan).
11. On commutativity of associative rings, Bull. Austral. Math. Soc. Vol. 38 (1988), 267-271; MR # 89k: 16060 (Jointly with M.A. Quadri).
12. Some polynomial identities that imply commutativity of rings, Amer. Math. Monthly Vol. 95, No.4 (1988), 336-339; MR # 89c: 16045 (Jointly with M.A. Quadri and D. Zelinsky).
13. Some elementary commutativity conditions for near-rings, Math. Student Vol. 56 (1988), 181-183; MR # 90h: 16057 (Jointly with Asma Ali and M.A. Quadri).
14. On commutativity of associative rings with constraints involving a subset, Rad. Mat. Vol. 5 (1989), 141-149; MR # 90i: 16027 (Jointly with M.A. Quadri).
15. Commutativity of rings with some commutator constraints, Rad. Mat. Vol. 5, No. 1 (1989), 223-230; MR # 91d: 16063 (Jointly with Howard E. Bell and M.A. Quadri).
16. On a commutativity theorem of Herstein, Rad. Mat. Vol. 5, No. 1 (1989), 207-211; MR # 91b: 16038 (Jointly with M.A. Quadri and Asma Ali).
17. A remark on a commutativity condition for rings, Math. Student Vol. 58, No.1-2 (1990), 55-56; (Jointly with M.A. Quadri).
18. On commutativity of rings with some constraints, Bull. Austral. Math. Soc. Vol. 41 (1990), 201-206; MR # 91e: 16041 (Jointly with M.A. Quadri).
19. Certain conditions under which near-rings are rings, Bull. Austral. Math. Soc. Vol. 42 (1990), 107-110; MR # 91g: 16037 (Jointly with M.A. Quadri and Asma Ali).
20. On a commutativity property for rings, J. Indian Math. Soc. Vol. 55 (1990), 1-4; MR

- # 92b: 16072 (Jointly with M.A. Quadri and Asma Ali).
21. On commutativity of one sided s-unital rings, *Rad. Mat.* Vol. 6 (1990), 111-117; MR # 91j: 16043 (Jointly with M.A. Quadri and Asma Ali).
22. On commutativity of rings with constraints on commutators, *Acta Sci. Natur. Univ. Jilin* No. 1 (1991), 26-28.
23. Some commutativity theorems for associative rings with constraints involving a nil subset, *Tamkang J. Math.* Vol. 22, No.3 (1991), 285-289; MR # 92j: 16022.
24. Some commutativity theorems for torsion free rings, *Riv. Mat. Univ. Parma* Vol. 17, No.4 (1991), 241-245 (Jointly with M.A. Quadri).
25. Two commutativity results for rings, *Zb. Rad. Prirod. Mat. Fak. Ser. Mat.* Vol. 22, No.1 (1992), 107-110 (Jointly with M.A. Quadri).
26. Commutativity with certain constraints, *Math. Japonica* Vol. 37, No.5 (1992), 965-972 (Jointly with H.A.S. Abujabal and M.A. Obaid).
27. On commutativity of right s-unital rings, *Riv. Mat. Univ. Parma* Vol. 1 (1992), 39-43; MR # 94e: 16038 (Jointly with M.A. Quadri and V.W. Jacob).
28. Structure of certain near-rings, *Rend. Istit. Math. Univ. Trieste* Vol. 24 (1992), 161-167; MR # 95k: 16065 (Jointly with M.A. Quadri).
29. On some commutativity theorems for rings with unity, *Facta Univ. Ser. Math. Inf.* Vol. 7 (1992), 1-5.
30. Certain conditions under which near rings are rings-II, *Rad. Mat.* 8(1992), 311-319; MR # 2000b:16083 (Jointly with M.A. Quadri and Asma Ali)
31. Some conditions for the commutativity of rings, *Acta Mat. Hungar.* Vol. 61 (1993), 75-79; MR # 93k: 16064 (Jointly with M.A. Quadri).
32. Commutativity of right s-unital rings under some polynomial constraints, *Tamkang J. Math.* Vol. 24 (1993), 23-28; MR # 94a: 16061 (Jointly with M.A. Quadri).
33. Certain periodic near-rings are ring The Aligarh Bull. Math. Vol. 14 (1993), 9-13 (Jointly with M.A. Quadri and V.W. Jacob).
34. On structure and commutativity of certain periodic near-rings, *Resultate Math.* Vol. 24 (1993), 1-10; MR # 94g:16051.
35. On a generalization of some commutativity theorems, *Boll. Mat. Ital.* Vol 8-A, No. 7 (1994), 135-140.
36. On commutativity of one sided s-unital ring with some polynomial constraints, *Indian J. Pure and Appl. Math.* Vol. 25 (1994), 963-967.
- 2
37. On structure of certain periodic near-rings, *Acta Sci. Natur. Univ. Jilin* Vol.8, No.3 (1994), 17-20; MR # 96f: 16056 (Jointly with M.A. Quadri and V.W. Jacob).
38. Commutativity theorems for rings with constraints on commutators, *Tamkang J. Math.* Vol.26, No.1 (1994), 25-29 (Jointly with H.A.S. Abujabal).
39. Some commutativity theorems through a Streb's classification, *Note Mat.* Vol.14 (1994); MR #98b: 16030 (Jointly with H.A.S. Abujabal).
40. Structure of certain periodic rings and near-rings, *Ren. Sem. Univ. Polytec. Torino* Vol. 53, No.1 (1995), 61-67; MR # 96j: 16035.
41. A commutativity theorem for associative rings, *Arch. Math. (Brno)* Vol.31 (1995), 201-104; MR # 96j: 16034.

42. A decomposition theorem for periodic rings and its application, *Math. student* Vol.64, No.1-4 (1995), 247-249.
43. Some commutativity results for one sided s-unital rings, *Istanbul Univ. Fen. Fak. Mat. Derg* Vol. 54 (1995) 61-68; MR # 98m: 16040 (Jointly with H.A.S.Abujabal).
44. On certain polynomial identities implying commutativity for rings, *Acta Sci. Natur. Univ. Jilin* Vol.5, No.2 (1996), 13-17(Jointly with V.W. Jacob).
45. Additive epimorphism and commutativity of generalized Boolean rings, *J. Faculty of Edu.* Vol.1, No.2 (1996), 17-20.
46. On strong commutativity preserving mappings, *Resultate Math.* Vol.30 (1996), 259-263(Jointly with Q.Deng).
47. Commutativity of rings with certain constraints, *Proc. Royal Irish Acad.* Vol.96, No.2 (1996), 177-183; MR # 99d: 16037 .
48. On strong commutativity preserving traces of biadditive maps, *Riv. Mat. Univ. Parma* Vol.5 (1996) 65-70.
49. Commutativity of associative rings through a Streb's classification, *Arch. Math.(Brno)* Vol.14, NO.1(1997), 315-321.
50. Commutativity of one sided s-unital rings through a Streb's result, *Internat. J. Math. and Math. Sci.* Vol.20, No.2 (1997), 267-270 (Jointly with M.A. Quadri and V.W. Jacob).
51. Certain commutativity conditions for ring with unity , *Pure & Appl. Math.* Vol. 13, No. 1(1997), 98-102.(Jointly with M.A. Quadri and V.W. Jacob).
52. Some commutativity theorems for associative rings, *Rend. Sem. Mat. Univ. Polytec. Torino* Vol. 55, No.2(1997), 99-108; MR # 2000C: 16044 .
53. Some polynomial constraints on rings, *Proceedings of the international conference on Algebra and its Applications*, Narosa Pub. House (1997), 254-255.
54. On symmetric  $(\square; \square)$ -biderivations, *Aligarh Bull. Math.* Vol. 17(1997-98), 9-16; MR # 2000i: 16072.
- 3
55. On commutativity of s-unital rings with commutator constraints, *Far East J. Math. Sci. Special Volume, Pt II*(1998), 163-172; MR # 99k: 16069 .
56. On commutativity of rings involving certain polynomial constraints, *Algebra Colloq.* Vol.5 No.1(1998), 111-116; MR # 2000b: 16065.
57. A note on commutativity of rings with unity, *Analele Stiintifice Ale Universitatii "Al.I.CUZA"IASI* Vol. 45(1999), 95-98 (Jointly with M.A.Quadri and V.A.Jacob).
58. On symmetric biderivations in rings , *Rend. Insti. Math. Univ. Trieste* Vol.31 (1999), 25-36; MR # 2002a:16042.
59. On  $(\square; \square)$ -derivations in certain class of rings, *Rad. Mat.* Vol. 9(1999), 1-5 (Jointly with M.A. Quadri and N. Rehman).
60. On derivation and commutativity of semi-prime rings, *Aligarh Bull. Math.* Vol. 18 (1999), 29-38 (Jointly with Joso Vukman).
61. On certain polynomial identities and commutativity of rings, *Math. Slovaca*, Vol. 50 No.1(2000), 59-65; MR # 2001e: 16059.
62. On Lie ideals and Jordan left derivations of prime rings, *Arch. Math.(Brno)* Vol. 36(2000), 201- 206; MR # 2001d: 16051.

63. Structure and commutativity of associative rings, *Internat. J. Math. Game Theory and Algebra* Vol.10, No.-4(2000), 247-256; MR # 2001e: 16058.
64. Some commutativity theorems for rings with polynomial constraints, *Proc. Royal. Irish. Acad.* 100A(2000), 47-54; MR# 1882197.
65. On generalized Jordan derivations in rings, *Math. J. Okayama Univ.* Vol. 42(2000), 7-9 (Jointly with N. Rehman).
66. On Lie ideals and  $(\square; \square)$ - Jordan derivations on prime rings, *Tamkang J. Math.* Vol. 31(4)(2001, 247-252)(Jointly with M.A. Quadri and N. Rehman); MR# 2002h:16053.
67. On derivation and commutativity in prime rings, *East West J. Math.* Vol. 3, No. 1 (2001),87-91(Jointly with N. Rehman).
68. On Jordan left derivations of Lie ideals in prime rings, *South-East Asian Bull. Math.* Vol. 25, No. 3 (2001), 379-382(jointly with N Rehman and Shakir Ali).
69. Structure and commutativity of associative rings, *Internat. J. Math. Game Theory and Algebra* Vol.11, No.2(2001), 41-50; MR # 2002a: 16040.
70. On commutativity of rings with constraints on a subset, *Internat. J. Math., Game Theory and Algebra*, Vol 11, No. 6(2001), 1-13 .
71. On commutativity of rings with derivations, *Resultate der Math.*, Vol. 42 (2002),3-8(Jointly with N. Rehman).
72. On generalized  $(\square; \square)$ -derivations in rings, *Internat. J. Math.Game Theory and Algebra*, Vol 12, No.4(2002),295-300(Jointly with S. M. Al-Shammakh).
73. Jordan automorphisms on Jordan ideals of prime rings, *Acta Sci. Natur. Univ. Jilin*, Vol.40, No.10(2002), 1-4(Jointly with A. Ali and Shakir Ali).
74. On  $(\square; \square)$ -derivations in prime rings , *Arch Math. (Brno)*, Vol.38(2002),259-264(Jointly with N. Rehman).
- 4
75. On Lie ideals and Jordan generalized derivations of prime rings, *Indian J. Pure & Appl. Math.* Vol. 34, No.2(2002), 291-294(Jointly with N. Rehman and Shakir Ali).
76. On semiderivations and commutativity of certain rings, *Intern. Math. Journal* 2(11)(2002), 291-294(Jointly with N. Rehman).
77. Certain conditions under which near-rings are rings, *Adv. Math. Res. Nova Sci. publ. Hauppauge NY*, Vol.3 (2003), 95-101; MR # 2033595.
78. Commutativity of rings with constraints on a subset, *Recent research on Pure and Applied Algebra*, Nova Sci. Publ. Hauppauge NY (2003), 9-21; MR # 2030461.
79. On Lie ideals and generalized  $(\square; \square)$ -derivations of prime rings, *Comm. Algebra* Vol.32, no.8(2004), 2977-2985.
80. On semiderivations of prime rings, *Demonstratio Math.* Vol. 37, No.2 (2004), 275-284(Jointly with N. Rehman).
81. On Jordan ideals and Jordan derivations of a prime rings, *Demonstratio Math.* Vol. 37, No.3 (2004)517-523(Jointly with N. Rehman).
82.  $(\square; \square)$ -derivations on prime near-rings, *Arch Math.(Brno)*40 (2004), 281-286 (Jointly with Asma Ali and Shakir Ali)
83. On Jordan ideals and left  $(\square; \square)$ -derivations in prime rings, *Internat. J. Math & Math. Sci.*, 37 (2004), 1957-1964 (Jointly with S.M.A. Zaidi and Shakir Ali)
84.  $(\square; \square)$ -derivations on prime near-rings, *Trends in Theorey of Rings and Modules* (S.

- Tariq Rizvi & S. M. A. Zaidi, (Eds.), Anamaya Publishers, New Delhi, (2005), 5-10  
(Jointly with M. Ashraf)(Jointly with Shakir Ali)
85. On left  $(\square; \square)$ -derivations of prime rings, Arch Math. (Brno)41(2005),157-166.
86. On Generalized derivations of prime rings, South-east Asian Bull. Math. 29(2005), 669-675(Jointly with Asma Ali and Rekha Rani)
87. On Commutativity of rings with constraints on nilpotents and the Jacobson radical, Internat. J. Math. Game theory and Algebra 15 (2006), no. 1, 37-44.
88. On derivations in rings and their applications, The Aligarh Bulletin of Mathematics 25(2)(2006), 79-107 (Jointly with Shakir Ali and Claus Haetinger).
89. Some commutativity theorems for rings with generalized derivtions, Southeast Asian Bull. Math. Vol. 31 No. 3(2007), 415-421(Jointly with Asma Ali and Shakir Ali).
90. On  $(\square; \square)$ - derivations in near - rings, Sarajevo J. Mathematics(accepted) (Jointly with Shakir Ali).
91. On generalized  $(\square; \square)$  derivations in prime rings, Preprint (Jointly with Shakir Ali and N., Rehman).
92. On left multipliers in rings, Demonstratio Math. Submitted for publication (Jointly with Shakir Ali).
93. On generalized Jordan left derivations in rings, Bull. Korean Math. Soc., Submitted for publication (Jointly with Shakir Ali).

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### Papers presented at Conferences and Seminars

1. On On Lie Ideals and Generalized  $(\square; \square)$ -dervations in Rings, The Fifth China-Japan-Korea International Symposium on Ring Theory" held at the National Olympic Memorial Youth Center(NYC), Tokyo, JAPAN during September 10-15, 2007(Abs. No. 5).
2. A note on commutativity of rings, 49th Annual Conference of Indian Mathematical Society held at the University of Madras, 1983 (Abs. # B-23).
3. A remark on commutativity of semi-prime rings-II, 50th Annual Conference of Indian Mathematical Society held at Sardar Patel University, Gujarat, 1984 (Abs. # B-8).
4. Antipower maps and commutativity of rings, Algebra Symposium, Aligarh Muslim University, Aligarh 1985.
5. A commutativity theorem for left s-unital rings, 52nd Annual Conference of Indian Mathematical Society held at the University of Jaipur, 1986.
6. A commutativity theorem for s-unital rings, 53rd Annual Conference of Indian Mathematical Society held at the University of Gorakhpur, 1987 (Abs. # B-140).
7. On power maps and commutativity of associative rings,75th Session of the Indian Science Congress Association, held at the University of Pune, 1988, under the Young Scientists Programme (Abs. # XV-97).
8. On some commutativity conditons for associative rings, 54th Annual Conference of Indian Mathematical Society held at the University of Pune, 1988 (Abs. # B-17).
9. Certain conditions and commutativity of rings, 55th Annual Conference of Indian Mathematical Society held at the University of Delhi, 1989 (Abs. # B-36).
10. Certain commutativity conditions for power associative rings, 56th Annual Conference of Indian Mathematical Society held at South Gujarat University, Surat, 1990 (Abs. # B-30).

11. A commutativity theorem for rings with unity, 57th Annual Conference of Indian Mathematical Society held at Aligarh Muslim University, Aligarh 1991 (Abs. # B-21).
12. On structure of certain periodic rings and near rings, Conference on advances in Algebra and its applications held at Aligarh Muslim University, Aligarh Nov. 2-5, 1992.
13. On commutativity of s-unital rings, 81st Session of the Indian Science Congress Association, held at the University of Jaipur, 1994.
14. Some commutativity theorems for rings with constraints on a subset, 82nd Session of the Indian Science Congress Association, held at the University of Kalyani (Calcutta), 1995 (Abs. # V. 102).
15. Commutativity of rings with commutator constraints, International Symposium on rings, modules and groups with homological techniques and their applications, held at the Institute of Technology, Varanasi, December 18-21, 1995.
16. On strong commutativity preserving maps and traces of biadditive maps, 61st Annual Conference of Indian Mathematical Society held at Aligarh Muslim University, Aligarh December 27-30, 1995 (Abs. # B-2).
17. On strong commutativity preserving derivations in near-rings, 62nd Annual Conference of Indian Mathematical Society held at I.I.T., Kanpur, December 22-25, 1996(Abs. # B-8).

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18. On some polynomial constraints on rings, International Conference on Algebra and its Application held at Aligarh Muslim University, Aligarh November 13-16, 1997.
19. Derivations of some special class of rings, 16th Annual Conference of The Jammu Mathematical Society held at Department of Mathematics, University of Jammu, Jammu, March 1-3, 2006.

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### Seminars, Summer Schools and Conferences attended

1. The Fifth China-Japan-Korea International Symposium on Ring Theory held at the National Olympic Memorial Youth Center(NYC), Tokyo, JAPAN during September 10-15, 2007
2. 49th Annual Conference of Indian Mathematical Society held at the University of Madras (1983).
3. 50th Annual Conference of Indian Mathematical Society held at the University of Gujarat, Ballabh Vidya Nagar (1984).
4. 51st Annual Conference of Indian Mathematical Society held at Cochin University, Cochin (1985).
5. Algebra Symposium held at the Department of Mathematics, Aligarh Muslim University, Aligarh (1985).
6. 52nd Annual Conference of Indian Mathematical Society held at the University of Rajasthan, Jaipur (1986).
7. 53rd Annual Conference of Indian Mathematical Society held at the University of Gorakhpur, Gorakhpur (1987).
8. 75th Session of the Indian Science Congress Association held at the University of Pune, Pune (1988).
9. 54th Annual Conference of Indian Mathematical Society held at the University of Pune,

Pune (1988).

10. Academic Sta□ Orientation Programme held at the Department of Mathematics, Aligarh Muslim University from April 4 to April 30, 1988.

11. 55th Annual Conference of Indian Mathematical Society held at the University of Delhi (1989).

12. International Symposium on Di□erential equations and Industrial Mathematics held at Aligarh Muslim University, Aligarh from Sept. 28 to 30, 1990.

13. 56th Annual Conference of Indian Mathematical Society held at South Gujarat University, Surat (1990).

14. 57th Annual Conference of Indian Mathematical Society held at Aligarh Muslim University, Aligarh (1991).

15. Refresher Course in Algebra held at the Department of Mathematics, Aligarh Muslim University, Aligarh, from Sept. 16 1991 to Oct. 12, 1991.

16. Conference on Advances in Algebra & its applications held at the Department of Mathematics, Aligarh Muslim University, Aligarh, from Nov. 2 to 5, 1992.

17. Conference on Present Trends in Mathematics and Mathematics based subjects held at the Department of Mathematics, Govt. Arts and Science College, Ratlam from February 11 to 12, 1994.

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18. Instructional School on Algebraic Number Theory held at the University of Bombay from December 27, 1994 to January 14, 1995 under the auspices of National Board of Higher Mathematics.

19. International Symposium on Rings, Modules and Groups with homological techniques and their applications, held at the Institute of Technology, Varanasi from December 18-21, 1995.

20. 61st Annual Conference of Indian Mathematical Society held at the Department of Mathematics, Aligarh Muslim University, Aligarh from December 27-30, 1995.

21. 62nd Annual Conference of Indian Mathematical Society held at the Department of Mathematics, I.I.T., Kanpur from December 22-25, 1996.

22. International Conference on Algebra and its Applications held at the Department of Mathematics, Aligarh Muslim University, Aligarh from November 13-16, 1997.

23. International Conference on Industrial and applied Mathematics, held at the Indian International Center, New Delhi, from December 4-6, 2004, under the auspices of Indian Society of Industrial and Appl. Mathematics, India(ISIAM).

24. 16th Annual Conference of The Jammu Mathematical Society held at Department of Mathematics, University of Jammu, Jammu, March 1-3, 2006.

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