

CENTRAL UNIVERSITY OF JAMMU

Rahya-Suchani (Bagla), Samba-181143, Jammu and Kashmir, India

DEPARTMENT OF MATHEMATICS

(1) Dr. Ajay Kumar Sharma

Associate Professor and Head, Department of Mathematics, Central University of Jammu, Rahya-Suchani (Bagala), Samba-181143, J&K, India

Date of Joining: 12th Sept.,2017

Asstt. Prof., Department of Mathematics, Shri Mata Vaishno Devi University, Kakryal, Katra-182320, J&K, India, From: 19th Aug,2006-11Sept. 2017.

Qualification:

S. No.	Qualification acquired	Discipline / Stream	Year of Passing	University / Institution / College	Division / % age
1	Ph.D	Mathematics	2007	University of Jammu	Awarded
2	M.Phil	Mathematics	2001	University of Jammu	Grade 'A'
3	M.Sc	Mathematics	1998	University of Jammu	1 st Div.
4	B.Sc	Physics , Chem., Math.	1996	University of Jammu	1 st Div.
5	10+2	Physics , Chem., Math.	1993	J&K Board	1 st Div.
6	10 th	Math., Sci., S. Sci Eng., Hindi.	1991	J&K Board	1 st Div.

(2) Title of Ph.D. Thesis:

Operators on some vector-valued Hardy and Bergman classes

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(3) **Awards and Honours.** Qualified NET/ JRF exam conducted by CSIR, 2001

JRF (2002-04), University of Jammu.

SRF(2004-06), University of Jammu.

(4) **Area of Specialization/interest** : Functions of a Complex variable ,
Functional analysis and Operator theory.

(5) **Research Project completed/ongoing:**

(i) Principal Investigator in the major research project **Composition operators and Dynamics of completed valued functions**, Funded by NBHM, Duration 3 years, 2009-2012, Amount 8 lac. (Completed).

(ii) Principal Investigator in the major research project **Difference of composition operators between spaces of holomorphic functions**, Funded by NBHM, Duration 3 years, 2019-2022, Amount 14 lac. (ongoing).

(iii) Principal Investigator in the research project On topological properties of composition operators, Funded by DST, Duration 3 years, 2019-2022, Amount 6.6 lac. (ongoing).

(7) **Ph.D. Guidance/Supervision:**

S.No.	Name of the Scholar	Date of Admission	University	Date of Award of Degree/ Submission of thesis
1.	Sunil Kumar Sharma (Co-Supervisor)	01-01-2010	SMVDU	14-04-2013(Awarded)
2.	Ambika Bhat	30-09-2009	SMVDU	28-04-2014(Awarded)
3.	Elina Subhadarsini	30-12-2011	SMVDU	(2020) Awarded
4.	Ram Krishan	08-02-	SMVDU	(2019)Awarded

		2013		
5.	Manisha Devi (Co-supervisor)	17- 08-2015	SMVDU	(2021) Thesis Submitted
6	Aakriti Sharma	2017	CUJ	Ongoing
7	Vivek Kumar	2018	CUJ	Ongoing
8	Mehak Sharma	2019	CUJ	Ongoing

(8) International Conferences (Foreign Visits):

Attended and presented a paper entitled,

Difference of composition operators,

In the 6th International Conference on Mathematics and Information Sciences, Feb. 9-11,2017, Zewail city of Science and Technology, Cairo, Egypt

(9) List of Publications in journals:

1. **Sharma Ajay K.** and Sei-Ichiro Ueki, Essential norm of difference of composition operators from analytic Besov spaces to Bloch type spaces, Computational Methods and Function theory <https://doi.org/10.1007/s40315-021-00425-1> (**SCI**)
2. **Sharma Ajay K.** and Sei-Ichiro Ueki, Difference of composition operators from analytic Besov spaces to little Bloch type spaces, Filomat 35 (2021), 3906-39017 (**SCI**)
3. Sharma, M.; **Sharma, Ajay K.**; Mursaleen, M. On double difference of composition operators from a space generated by the Cauchy kernel and a special measure. *Azerb. J. Math.* 11 (2021), no. 2, 125–136. (**Scopus Indexed**)
4. Devi, Manisha; **Sharma, Ajay K.**; Raj, Kuldip Inequalities involving essential norm estimates of product-type operators. *J. Math.* 2021, Art. ID 8811309, 9 pp. (**SCI**)

5. Subhadarsini, Elina; Sharma, Ajay K. Upper and lower bounds for essential norm of weighted composition operators from Bergman spaces with Békollé weights. *J. Funct. Spaces* 2020, Art. ID 2696713, 6 pp. (SCI)
6. **Sharma Ajay K.** and Vivek Kumar; Discrete Cesaro operator between weighted Banach spaces on homogenous trees, *Advances in Operator Theory*, 5 (2020) 1667-1683(**Scopus Indexed**)
7. **Sharma Ajay K.** and Sei-Ichiro Ueki, Mean Lipschitz conditions and growth of area integral means of functions in Bergman spaces with an admissible Bekolle weight, *Rocky Mountain J. Math.* 50 (2020), 693-706 (SCI)
8. Manisha Devi, **Sharma, Ajay K.**; Raj, Kuldeep; Weighted composition operators from Dirichlet-type spaces to some weighted type spaces. *J. Computational Analysis and Applications.* 28 (2020), 127–135. (**Scopus Indexed**)
9. **Sharma, Ajay K.**; Sharma, Aakriti; Boundedness, compactness and the Hyers-Ulam stability of a linear combination of differential operators. *Complex Anal. Oper. Theory* 14 (2020), 12 pp. (SCI)
10. Sharma, Mehak; **Sharma, Ajay K.**; On order bounded difference of weighted composition operators between Hardy spaces. *Complex Anal. Oper. Theory* 13 (2019), 2191–2201.(SCI)
11. **Sharma, Ajay K.**; Sharma, Mehak; Raj, Kuldeep; Composition operators on the Dirichlet space of the upper half-plane. *New York J. Math.* 25 (2019), 198–206. (SCI)
12. **Sharma, Ajay K.**; Norm of a composition operator from the space of Cauchy transforms into Zygmund-type spaces, *Ukrainian Mathematical Journal*, 71, 2019, 1699-1711. (SCI)
13. **Sharma, Ajay K.**; Sharma, Mehak; Subhadarsini, Elina Weighted composition operators from the Kim class and the Smirnov class to

weighted Bloch type spaces. *Commun. Korean Math. Soc.* 33 (2018), 1171–1180. **(Scopus Indexed)**

14. Stević, Stevo; **Sharma, Ajay K.** On a product-type operator between Hardy and α -Bloch spaces of the upper half-plane. *J. Inequal. Appl.* 2018, Paper No. 273, 18 pp. **(SCI)**
15. **Sharma, Ajay K.**; Bhat, Ambika; Devi, Manisha Hardy-Stein type identities and rate of growth of mean values of functions in generalized Hardy spaces. *Complex Anal. Oper. Theory* 12 (2018), 1443–1451. **(SCI)**
16. Krishan, Ram; Sharma, Mehak; **Sharma, Ajay K.** Essential norm of difference of composition operators from weighted Bergman spaces to Bloch-type spaces. *J. Funct. Spaces* 2018, Art. ID 4670904, 7 pp. **(SCI)**
17. Sharma Ajay K. and Sei-Ichiro Ueki, Compact Composition Operators on the Bloch Space and the Growth Space of the upper Half-Plane, *Mediterr. J. Math.* 14 (2017), no. 2, Art. 76, 9 pp. **(SCI)**
18. Sharma Ajay K. On order bounded weighted composition operators between Dirichlet spaces, *Positivity*, 21 (2017), 1213–1221. **(SCI)**
19. Sharma Ajay K., A. Bhat and Manisha Devi, Hardy–Stien Type Identities and Rate of Growth of Mean Values of Functions in Generalized Hardy Spaces, *Complex Anal. Oper. Theory*, DOI 10.1007/s11785-016-0616-6 **(SCI)**
20. Sharma Ajay K., Ram Krishan and Elina Subhadarsini, Difference of composition operators from the space of Cauchy integral transforms to Bloch-type spaces, *Integral transforms and special functions*, 28 (2017) 145-155. **(SCI)**
21. Sharma, Ajay K.; A. Bhat, R. Chugh and E. Shubadarshni, Inequalities involving norm and essential norm of weighted composition operators, *J. Math. Inequal.*, 11 (2017) 225–240. **(SCI)**
22. Stević, Stevo; Sharma, Ajay K.; Krishan, Ram Boundedness and compactness of a new product-type operator from a general space to Bloch-type spaces. *J. Inequal. Appl.* 2016,2016:219, 32 pp. **(SCI)**

23. Sharma, Ajay K.; Krishan, Ram Difference of composition operators from the space of Cauchy integral transforms to the Dirichlet space. *Complex Anal. Oper. Theory* 10 (2016), no. 1, 141–152. **(SCI)**
24. Stević, Stevo; Sharma, Ajay K. Weighted composition operators from weighted Bergman spaces with Békollé weights to Bloch-type spaces. *J. Inequal. Appl.* 2015, 2015:337, 14 pp. **(SCI)**
25. Sharma, Ajay K.; Bhat, Ambika The rate of increase of mean values of functions in weighted Hardy-Orlicz spaces. *An. Ştiinţ. Univ. Al. I. Cuza Iaşi. Mat. (N.S.)* 61 (2015), no. 1, 161–168. **(SCI)**
26. Sharma, Ajay K.; Sharma, Anshu Integration operators from the space of Cauchy integral transforms to the Dirichlet space. *Adv. Pure Appl. Math.* 5 (2014), no. 1, 47–53. **(Scopus Indexed)**
27. Sharma, Ajay K. Essential norm of generalized composition operators on weighted Hardy spaces. *Oper. Matrices* 8 (2014), no. 2, 399–409. **(SCI)**
28. Sharma, Ajay K.; Ueki, Sei-ichiro Composition operators between weighted Bergman spaces with admissible Békollé weights. *Banach J. Math. Anal.* 8 (2014), no. 1, 64–88. **(SCI)**
29. Colonna, Flavia; Sharma, Ajay K. Boundedness, compactness and order boundedness of products of composition, multiplication and iterated differentiation between Hardy and weighted Bergman spaces. *Indian J. Math.* 55 (2013), no. 1, 57–100. **(Scopus Indexed)**
30. Liu, Junming; Lou, Zengjian; Sharma, Ajay K. Weighted differentiation composition operators to Bloch-type spaces. *Abstr. Appl. Anal.* 2013, Art. ID 151929, 9 pp. **(Scopus Indexed)**
31. Sharma, Ajay K.; Ueki, Sei-ichiro Angle of contact of lens and lunar maps and products of composition and iterated differentiation. *Ars Combin.* 109 (2013), 415–423. **(SCI)**
32. Raj, Kuldip; Sharma, Ajay K.; Sharma, Sunil K. Sequence spaces defined by a Musielak-Orlicz function in 2-normed spaces. *J. Comput. Anal. Appl.* 15 (2013), no. 1, 142–151. **(Scopus Indexed)**

33. Sharma, Ajay K. Weighted composition operators from Cauchy integral transforms to logarithmic weighted-type spaces. *Ann. Funct. Anal.* 4 (2013), no. 1, 163–174. **(SCI)**
34. Sharma, Ajay K. Generalized composition operators between Hardy and weighted Bergman spaces. *Acta Sci. Math. (Szeged)* 78 (2012), no. 1-2, 187–211. **(Scopus Indexed)**
35. Raj, Kuldeep; Sharma, Ajay K.; Kumar, Anil, Weighted composition operators on Musielak-Orlicz spaces. *Ars Combin.* 107 (2012), 431–439. **(SCI)**
36. Sharma, Ajay K.; Raj, Kuldeep; Sharma, Sunil K. Products of multiplication composition and differentiation operators from H^∞ to weighted Bloch spaces. *Indian J. Math.* 54 (2012), no. 2, 159–179. **(Scopus Indexed)**
37. Sharma, Sunil K.; Raj, Kuldeep; Sharma, Ajay K. Some new double sequence spaces over n -normed spaces. *Int. J. Appl. Math.* 25 (2012), no. 2, 255–269. **(Scopus Indexed)**
38. Raj, Kuldeep; Sharma, Ajay K.; Sharma, Sunil K.; Singh, Sulinder Some double sequence spaces defined by a sequence of Orlicz functions over n -normed spaces. *Lobachevskii J. Math.* 33 (2012), no. 2, 183–190. **(Scopus Indexed)**
39. Stević, Stevo; Sharma, Ajay K. Composition operators from weighted Bergman-Privalov spaces to Zygmund type spaces on the unit disk. *Ann. Polon. Math.* 105 (2012), no. 1, 77–86. **(SCI)**
40. Stević, Stevo; Sharma, Ajay K. Generalized composition operators on weighted Hardy spaces. *Appl. Math. Comput.* 218 (2012), no. 17, 8347–8352. **(SCI)**
41. Stević, Stevo; Sharma, Ajay K. Integral-type operators between weighted Bergman spaces on the unit disk. *J. Comput. Anal. Appl.* 14 (2012), no. 7, 1339–1344. **(SCI)**
42. Stević, Stevo; Sharma, Ajay K.; Sharma, S. D. Generalized integration operators from the space of integral transforms into Bloch-type spaces. *J. Comput. Anal. Appl.* 14 (2012), no. 6, 1139–1147. **(SCI)**

43. Sharma, Ajay K.; Ueki, Sei-Ichiro Composition operators from Nevanlinna type spaces to Bloch type spaces. *Banach J. Math. Anal.* 6 (2012), no. 1, 112–123. **(SCI)**
44. Raj, Kuldeep; Sharma, Sunil K.; Sharma, Ajay K. Upper and lower bounds for products of multiplication operator and Hausdorff matrix on block weighted sequence spaces. *Int. J. Pure Appl. Math.* 72 (2011), no. 4, 565–571.
45. Sharma, Ajay K.; Ueki, S. Compactness of composition operators acting on weighted Bergman-Orlicz spaces. *Ann. Polon. Math.* 103 (2011), no. 1, 1–13. **(SCI)**
46. Stević, Stevo; Sharma, Ajay K. Iterated differentiation followed by composition from Bloch-type spaces to weighted BMOA spaces. *Appl. Math. Comput.* 218 (2011), no. 7, 3574–3580. **(SCI)**
47. Stević, Stevo; Sharma, Ajay K. Integral-type operators from Bloch-type spaces to QK spaces. *Abstr. Appl. Anal.* 2011, Art. ID 698038, 16 pp. **(Scopus Indexed)**
48. Stević, Stevo; Sharma, Ajay K.; Bhat, Ambika Essential norm of products of multiplication composition and differentiation operators on weighted Bergman spaces. *Appl. Math. Comput.* 218 (2011), no. 6, 2386–2397. **(SCI)**
49. Sharma, Anshu; Sharma, Ajay K. Carleson measures and a class of generalized integration operators on the Bergman space. *Rocky Mountain J. Math.* 41 (2011), no. 5, 1711–1724. **(SCI)**
50. Sharma, Ajay K. Products of multiplication, composition and differentiation between weighted Bergman-Nevanlinna and Bloch-type spaces. *Turkish J. Math.* 35 (2011), no. 2, 275–291. **(SCI)**
51. Stević, Stevo; Sharma, Ajay K.; Sharma, S. D. Weighted composition operators from weighted Bergman spaces to weighted-type spaces on the upper half-plane. *Abstr. Appl. Anal.* 2011, Art. ID 989625, 10 pp. **(Scopus Indexed)**

52. Sharma, Ajay K. Generalized weighted composition operators on the Bergman space. *Demonstratio Math.* 44 (2011), no. 2, 359–372. **(Scopus Indexed)**
53. Stević, Stevo; Sharma, Ajay K. Composition operators from the space of Cauchy transforms to Bloch and the little Bloch-type spaces on the unit disk. *Appl. Math. Comput.* 217 (2011), no. 24, 10187–10194. **(SCI)**
54. Stević, Stevo; Sharma, Ajay K.; Bhat, Ambika Products of multiplication composition and differentiation operators on weighted Bergman spaces. *Appl. Math. Comput.* 217 (2011), no. 20, 8115–8125. **(SCI)**
55. Raj, Kuldip; Sharma, Ajay K.; Sharma, Sunil K. A sequence space defined by Musielak-Orlicz function. *Int. J. Pure Appl. Math.* 67 (2011), no. 4, 475–484.
56. Stević, Stevo; Sharma, Ajay K. Weighted composition operators between growth spaces of the upper half-plane. *Util. Math.* 84 (2011), 265–272. **(SCI)**
57. Stević, Stevo; Sharma, Ajay K. Essential norm of composition operators between weighted Hardy spaces. *Appl. Math. Comput.* 217 (2011), no. 13, 6192–6197. **(SCI)**
58. Stević, Stevo; Sharma, Ajay K. Weighted composition operators between Hardy and growth spaces on the upper half-plane. *Appl. Math. Comput.* 217 (2011), no. 10, 4928–4934. **(SCI)**
59. Sharma, S. D.; Sharma, Ajay K.; Abbas, Zaheer Weighted composition operators on weighted vector-valued Bergman spaces. *Appl. Math. Sci. (Ruse)* 4 (2010), no. 41-44, 2049–2063.
60. Sharma, Ajay K.; Abbas, Zaheer Weighted composition operators between weighted Bergmann-Nevanlinna and Bloch-type spaces. *Appl. Math. Sci. (Ruse)* 4 (2010), no. 41-44, 2039–2048.
61. Sharma, Ajay K.; Sharma, Rajesh; Abbas, Zaheer Weighted composition operators between weighted Bergman-Nevanlinna and growth spaces. *Int. J. Math. Anal. (Ruse)* 4 (2010), no. 25-28, 1291–1298.

62. Sharma, Ajay K. Volterra composition operators between weighted Bergman-Nevanlinna and Bloch-type spaces. *Demonstratio Math.* 42 (2009), no. 3, 607–618. **(Scopus Indexed)**
63. Sharma, Ajay K. Compact composition operators on generalized Hardy spaces. *Georgian Math. J.* 15(2008), no. 4, 775–783. **(SCI)**
64. Sharma, Ajay K.; Sharma, S. D. Compact composition operators on Hardy-Orlicz spaces. *Mat. Vesnik* 60(2008), no. 3, 215–224. **(Scopus Indexed)**
65. Sharma, S. D.; Sharma, Ajay K.; Ahmed, Shabir Composition operators between Hardy and Bloch-type spaces of the upper half-plane. *Bull. Korean Math. Soc.* 44 (2007), no. 3, 475–482. **(SCI)**
66. Sharma, Ajay K.; Sharma, Som Datt; Singh, Rekha Concrete operators on abstract functional Hilbert spaces. *Int. J. Math. Anal. (Ruse)* 1 (2007), no. 5-8, 339–354.
67. Sharma, Ajay K.; Kumar, Vijay Weighted composition operators between Bergman-type spaces and weighted Banach spaces. *Int. J. Math. Anal. (Ruse)* 1 (2007), no. 9-12, 471–478.
68. Sharma, Ajay K.; Kumari, Rekha Weighted composition operators between Bergman and Bloch spaces. *Commun. Korean Math. Soc.* 22 (2007), no. 3, 373–382. **(Scopus Indexed)**
69. Sharma, Ajay K.; Sharma, S. D. Composition operators on weighted Bergman-Orlicz spaces. *Bull. Austral. Math. Soc.* 75 (2007), no. 2, 273–287. **(SCI)**
70. Sharma, Ajay K.; Sharma, Som Datt Weighted composition operators between Bergman-type spaces. *Commun. Korean Math. Soc.* 21 (2006), no. 3, 465–474. **(Scopus Indexed)**
71. Sharma, S. D.; Sharma, Ajay K.; Ahmed, Shabir Carleson measures in a vector-valued Bergman space. *J. Anal. Appl.* 4 (2006), no. 1, 65–76. **(Scopus Indexed)**
72. Raj, K.; Sharma S. K., Sharma, A. K., Some double sequence spaces defined by a sequence of Orlicz functions over n-normed spaces, *Sci.*

Math. Jpn. International Society of Mathematical Sciences, Vol 77, 2014 , 69–81.

73. Sharma, A. K. ; Sharma, A., Integration operators from Cauchy integral transforms to weighted Dirichlet spaces, *New Zealand J. Math.* New Zealand Mathematical Society, Vol 44, 2014, 93–101.
74. Sharma, A. K. ; Krishan, R., Products of composition and iterated differentiation operators from fractional Cauchy transforms to weighted Bloch-type spaces, *Acta Univ. M. Belii Ser. Math.*, Vol 22, 2014, 35–44.
75. Raj, K.; Sharma, S. K.; Raj, K.; Sharma, A. K., New sequence spaces of fuzzy numbers defined by Orlicz function, *American J. Math. Stat.*, Vol 3, 2013, 253-257
76. Raj, K.; Sharma, A. K.; Sharma, S. K., Some difference sequence spaces defined by Musielak-Orlicz function, *Math. Pannon*, Vol 24, 2013, 33–43.
77. Sharma, S.K. ; Raj, K.; Sharma, A. K., Some double sequence spaces in n -normed spaces using ideal convergence and a sequence of Orlicz functions, *J. Nonlinear Anal. Optim.* Vol 4, 2013, 1–11.
78. Bhat, A.; Abbas, Z.; Sharma, A. K., Composition followed by differentiation between weighted Bergman-Nevanlinna spaces, *Math. Aeterna* Vol 2, 2012, 379–388.
79. Sharma, A. K. ; Krishan R ; Subhadarsini E., Weighted composition operators from Nevanlinna type spaces to weighted Bloch type spaces, *Tbilisi Mathematical Journal*, Vol 8, 2015, 315- 323.
80. Raj, K.; Sharma, S. K.; Sharma, A. K., On some difference sequence spaces defined by Musielak-Orlicz function, *IEJPAM*, 3 (2011) 207-215.
81. Sharma, A. K.; Raj, K.; Sharma, S. K., Inequalities Involving Upper and Lower Bounds for Certain Operators on l_p –Spaces, *Anvances in Theoretical and Applied Mathematics* , 5 (2010), 339-345.

- 82.Raj, K.; Sharma, S. K.; Sharma, A. K., Difference sequence spaces in n -normed spaces defined by Musielak-Orlicz function. *Arem. J. Math.* 3 (2010), 127-141.
- 83.Sharma, R.; Sharma, A. K., On growth of semi-conjugated entire functions, *Int. Math. Forum*, 3, no. 44, (2008) 2175-2179 .
- 84.Sharma, A. K.; Sharma, S. D., Sanjay Kumar, *Weighted composition followed by differentiation between Bergman spaces*, *Int. Math. Forum*, 2, no. 33-36, 1647-1656 (2007).
- 85.Sharma, A. K.; Sharma, S. D.; *Riemann-Stieltjes operators between Bloch and weighted Bergman spaces*, *Int. J. Contemp. Math. Sci.*, 2, no. 16, 759-772 (2007).
- 86.Sharma, A. K. ; Krishan R ; Subhadarsini E., Composition operators on weighted Bergman-Nevanlinna spaces with admissible weights, *Khayyam J. Math.*, Vol 2, 2016, 201- 208. **(Scopus Indexed)**
- 87.Sharma, A. K. ; Bhat A., Approximation numbers of composition operators on weighted Hardy spaces, *Khayyam J. Math.*, Vol 1, 2015, 71-81. **(Scopus Indexed)**
- 88.Sharma, S.K. ; Raj, K.; Sharma, A. K., Integral type operators on Some Classes of Holomorphic functions with Complex Order, *European J. Math. Sci.*, Vol 2, 2013, 246-255.
- 89.Sharma, R. ; Sharma, A. K., On Fatou components of transcendental entire function, *European J. Math. Sci.* Vol 2, 2013, 329-333.
- 90.Raj, K.; Sharma, A. K., Sequence spaces defined by a sequence of modulus functions, *Sci. Stud. Res. Ser. Math. Inform.*, Vol23, 2013, 115–126.
- 91.Sharma, A. K.; Raj, K. ; Singh, S., A class of integration operators from mixed normed spaces to Bloch-type spaces in the unit ball of C^n , *Int. J. Math. Comput.* Vol 14, 2012, 93–101.

- 92.Raj, K.; Sharma, A. K.; Kumar, A.; Sharma, S. K., Double multiplier sequence spaces of fuzzy numbers defined by a sequence of Orlicz function, *J. Appl. Funct. Anal.* Vol 7, 2012, 241–247.
- 93.Raj, K.; Sharma, A. K.; Sharma, S. K.; Singh, S., Some strongly summable double sequence spaces over n-normed spaces, *British J. Math. & Computer Science*, Vol 2, (2012), 31-43.
- 94.Raj, K.; Sharma, S. K.; Sharma, A. K., Some new sequence spaces defined by sequence of modulus function in n-normed spaces, *International. J. of Math. Sci. & Engg. Appls.*, 5 (2011), 395-403.
- 95.Sharma, A. K.; Zaheer Abbas, Composition followed and proceeded by differentiation between Bergman-Nevanlinna and Bloch spaces, *J. Adv. Res. in Pure Math.*, 1, (2009), 53-62.

(10) Publications in Conferences:

1. Sharma, Somdatt D.; Sharma, Ajay K. Composition operators on the weighted Bergman-Nevanlinna classes. *Proceedings of the First Advanced Course in Operator Theory and Complex Analysis*, 123–132, *Univ. Sevilla Secr. Publ., Seville, Spain*, 2006.
2. Ajay K. Sharma, Composition operators from the space of Cauchy transforms to logarithmic-growth spaces, *Proc. 21st Annual Conference of the Jammu Math. Soc. and a National Seminar on Analysis and its Application*, February 25-27, 2011, 49-60.
3. Sharma, S. D.; Sharma, Ajay K. Weighted composition operators between some spaces of analytic functions. *Progress in analysis and its applications*, 280–286, *World Sci. Publ., Hackensack, NJ, London* 2010.