
CURRICULUM VITAE (BIO - DATA)

Dr. ASIT KUMAR SARKAR, Principal, AGC Bose College, Kolkata

CONTACT DETAILS:

1. Name : DR. ASIT KUMAR SARKAR
2. Present Designation : Principal
3. Date of joining in the present Post : 01 – 02 - 2007

4. Address :a) Office: **ACHARYA GIRISH CHANDRA BOSE COLLEGE**
(Formerly Bangabasi College of Commerce)
35,RajkumarChakrabortySarani, (Scott Lane)
Kolkata- 700 009
Phone: (033)2350-1426, 2352-7741
Fax(033)2352-5388
Website: www.agcbosecollege.org

b) Residence: PURBA ABASAN, Flat No. B- 5/6
25 Raicharan Ghosh Lane
Kolkata 700 039
Phone: (033) 2343 5185
Mobile Nos. (+91)94333 43128 // 98746 60452
E- Mail:asit_kumar_sarkar@yahoo.com

Work Experience:

Joined as Lecturer in the Dept. of Mathematics of Women's Christian College, Kolkata in 1989 and served the college for more than 17 years and left the college in the year 2007 to take over the responsibility in the capacity of **Principal of Acharya Girish Chandra Bose College (Formerly Bangabasi College of Commerce), Kolkata**. At the time of leaving, I was designated as **Reader and Head of the Department of Mathematics, Women's Christian College, Kolkata**.

5. Date of joining in the College : 01 – 07 - 1989.
6. Date of joining as Reader in Mathematics : 27– 07 - 1998.
7. Date of Birth : 15– 11 - 1963.
8. Nationality : Indian

9. ACADEMIC QUALIFICATIONS:

Degree/ Diploma	University	Area of Specialization	Year of Passing	Class / % of Marks
M. Sc.	Calcutta University	Pure Mathematics	1986	1st (65.5 %)
M. Phil.	Calcutta University	Fixed Point Theory	1988	78.8%
Ph.D.	Calcutta University	Fixed Point Theory	1994	

10. RESEARCH ACTIVITIES:

Degree	University/ Agency	Title of the Thesis/ Project	Year
M. Phil.	University of Calcutta	Some Fixed Point Theorems	1988
Ph. D.	University of Calcutta	A Study of Some Fixed Point Theorems	1994
MRP [Mathematics]	UGC	A Group-theoretic approach on Generating Functions for certain Special Functions (Completed)	2003
MRP [Mathematics]	UGC	A Group-theoretic approach on generating functions for Special functions & theory of Group-Representation (Completed)	2006
MRP [Mathematics]	UGC	Fixed Point Theorems and its applications (Completed)	2009
MRP [Mathematics]	UGC	Fixed Point Theorems and its applications (Ongoing)	2010
Working Papers		<ul style="list-style-type: none">• Fixed Point Theory• Univalent Functions• Special Functions	

11. RESOURCE PERSON :

- 4th Annual Conference of Society for Special Functions and their Applications (Feb.20-22,2003):Department of Mathematics, University of Rajasthan, Jaipur, Rajasthan .

12. PARTICIPATION IN FACULTY UPGRADATION PROGRAMME

- Refresher Course in Mathematics(1995) : Academic Staff College (UGC) University of Calcutta, Kolkata.
- Refresher Course in Mathematics(1998) : Academic Staff College (UGC) University of Calcutta, Kolkata.

13. PUBLICATIONS (LAST TEN YEARS):

- ☞ **2002:** *Partial quasi-bilateral generating function involving some special functions*→Serdica Math. Jour. 28(2002), 109 - 116
- ☞ **2003:** *A unified group-theoretic method on improper partial quasi-bilateral generating functions involving some special functions* → Univ. Din Bacau Stiin. Seria Math. 13 (2003), 157-168.
- ☞ **2004:** *On Partial-bilateral and Improper partial-bilateral Generating functions involving some special functions*→ FILOMAT (Nis) 18(2004), 41 - 49.
- ☞ **2004:** *On Q^* - quasi group*→IMAGES , vol. 1 (2004), 1-3.
- ☞ **2005:** *On partial Semi-bilateral and Improper Semi-bilateral generating function involving some special functions*→MathematicaMontisnigri XVII(2004),57-66
- ☞ **2005:** *Some fixed point theorems for vector contraction mapping satisfying various contraction mapping*→ Jour. Rajasthan Academy of Phys. Sc. 4(No.2)(2005),107-114
- ☞ **2007:** *Contraction principle through a rational expression and fixed point theorems*→ GANITA 58(No.2)(2007), 157-162
- ☞ **2008:** *A unified group-theoretic method on improper semi-bilateral generating functions*→Serdica Math. Jour. 34(2008), 373 - 382.

14. PAPER PRESENTED IN THE INTERNATIONAL SEMINAR:

- ◆Title of the paper: "A Unified Group-theoretic Method on Improper Partial Quasi-bilateral Generating Functions involving some Special Functions"
- ◆Organizers : Society for Special Function and their Applications in collaboration with Department of Mathematics, Rajasthan University, Jaipur, Rajasthan & CSIR, New Delhi.
- ◆Venue : Dept. of Mathematics, Rajasthan University, Jaipur, Rajasthan
- ◆Date : February 20 - 22, 2003.

15. PUBLICATIONS:-

☞(I): BOOK PUBLISHED : ONE

- ◆Title of the Book : **A COURSE OF ADVANCED CALCULUS**
[For General and Advanced Courses of Degree Level
Students of All Indian Universities]
- ◆ Publisher : Jaydurga Library, 8A College Row, Kolkata – 700 009.
- ◆Year of Publication : August, 2005 & January, 2010[Revised 2nd Edition]

☞(II): RESEARCH PAPERS : (a) Referred Journals : 20
(b) Proceedings : 01
(c) Presentations : 01

RESEARCH PUBLICATIONS (ARTICLES) OTHER THAN BOOKS:

A: International/Foreign Publications:-		
Sl No	Author(s)	Referred Journals
1	A. K. Sarkar	2002: Partial quasi-bilateral generating function involving some special functions → Serdica Math. Jour. 28(2002), 109 - 116
2	A. K. Sarkar	2003: A unified group-theoretic method on improper partial quasi-bilateral generating functions involving some special functions → Univ. Din Bacau Stiin. Seria Math. 13 (2003), 157-168.
3	A. K. Sarkar	2004: On Partial-bilateral and Improper partial-bilateral Generating functions involving some special functions → FILOMAT (Nis) 18(2004), 41 - 49.
4	A. K. Sarkar	2005: On partial Semi-bilateral and Improper Semi-bilateral generating functions involving some special functions → Mathematica Montisnigri XVII(2004), 57-66
5	A. K. Sarkar	2008: A unified group-theoretic method on improper semi-bilateral generating functions → Serdica Math. Jour. 34(2008), 373 - 382.
B: National /Indian Publications:-		
1	A. K. Sarkar	1988: General Fixed Point Principle; ⇒ Jour. Pure Math. 6(1987-88) ,87-88.

2	-Do-	1988: Common Fixed Point Theorem & Identity Mapping; ⇒ Pure Math. Manuscripts 7(1988), 93-100.
3	-Do-	1988: A Note on Common Fixed Point for Three maps on a Metric Space; ⇒ Pure Math. Manuscripts 7(1988), 101-107.
4	-Do-	1988: Common Fixed Point for Three maps on a Metric Space; ⇒ Pure Math. Manuscripts 7(1988), 109-116.
5	A. K. Sarkar & S.K.Chatterjea	1988: Contraction Type Mapping depending on a Parameter; ⇒ Pure Math. Manuscripts 7(1988), 117-124.
6	A. K. Sarkar	1989: Some Extensions of Fixed Point Theorems of Brouwer&Darbo ⇒ Pure Math. Manuscripts 8(1989) ,59-63.
7	-Do-	1989: Approximation of Fixed Points; ⇒ Pure Math. Manuscripts 8(1989) ,111-115.
8	-Do-	1990: A Common Fixed Point Theorem in Convex Metric Space; ⇒ Pure Math. Manuscripts 9(1990-91) , 239-250.
9	A. K. Sarkar & S.K.Chatterjea	1990: A Note on a Theorem of Li Gouzhen; ⇒ Pure Math. Manuscripts 9(1990-91) , 91-93.
10	A. K. Sarkar	1991: Extensions of Common Fixed Point Theorems for Four maps on a Metric Space; ⇒ Bull. Cal. Math. Soc. 83(1991) ,559-564
11	-Do-	1992: Some variants of Vignoli's Theorem on α -Contraction; ⇒ Jnanabha 22(1992), 137-140.
12	-Do-	1992: An Extension of a Theorem of Diviccaro, Sessa& Fisher satisfying a Rational Inequality; ⇒ Bull. Cal. Math. Soc. 84 (1992) ,67-72
13	-Do-	2000: A Note on Semi group-Theoretic Fixed Point; ⇒ News Bull. Cal. Math. Soc. 23(No. 3& 4)(2000),11-12.
14	-Do-	2003: A Unified Group-theoretic method on Partial Quasi-Bilateral Generating Functions involving some Special Functions; ⇒ Proc. Annual Conference of SSFA , Vol.4 (2003) , 59-67
15	-Do-	2004: On Q^* - quasi group →IMAGES , vol. 1 (2004) , 1-3.
16	A. K. Sarkar & N. R. Biswas	2005: Some fixed point theorems for vector contraction mapping satisfying various contraction mapping; ⇒ Jour. Rajasthan Academy of Phys. Sc. 4 (No.2)(2005) ,107-114
17	-Do -	2007: Contraction principle through a rational expression and fixed point theorems ⇒GANITA 58(No.2) (2007), 157-162

16. MEMBERSHIP OF VARIOUS ACADEMIC & PROFESSIONAL BODIES / COMMITTEES:

: Life Member of :-

- 1) Indian Mathematical Society
- 2) Calcutta Mathematical Society
- 3) The Asiatic Society
- 4) Indian Science Congress
- 5) Indian Statistical Institute
- 6) Society for Special Functions & their Applications