



Dr. Bhaskar Chandra Sarkar

Ph.D.

Designation: Assistant Professor

Department: Mathematics

Ramananda College, Bishnupur

Bankura, West Bengal, India

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AREAS OF INTEREST/SPECIALISATION

- Linear Algebra, Vector Analysis,
- Differential Calculus & Integral Calculus, Differential Equations, Integral Equations
- Numerical Analysis, Classical Mechanics, Generalised function, Operation Research, Fluid Dynamics
- MHD, Porous Media, Heat Transfer, Nanofluid

ACADEMIC ACHIEVEMENTS

NAME OF EXAM.	SCHOOL/ COLLEGE/ INSTITUTION	BOARD/ COUNCIL/ UNIVERSITY	YEAR OF PASSING	SCORE OR PERCENTAGE OF MARKS	DIV/ CLASS
M.P	Bishnupur High School	WBBSE	2001	88.875 %	1 st Divn
H.S.	Bishnupur High School	WBCHSE	2003	73.2 %	1 st Divn
B.Sc (Hons. in Math)	Bankura Sammilani College	The university of Burdwan	2006	60.25 %	1 st Class
M.Sc in Applied Math	Dept. of Math, B.U.	The university of Burdwan	2008	80.5 %	1 st Class 1 st (Gold medal)
GATE	-	The national Coordination Board, GATE	2010	-	-
NET	-	Council of scientific & industrial research	June, 2012	-	-

Research Work:

Research	Title of the Thesis	University	Year
Ph. D.(Under the guidance of Prof. R. N Jana)	A Study of Some Hydromagnetic Problems with or without Hall Currents	Vidyasagar University	Awarded on 15.05.2014

ACADEMIC EXPERIENCE

- Part Time Teacher, Department of Mathematics, Bankura Sammilani College from 2nd January 2009 to 14th July 2011
- Assistant Teacher, Majuria Namopara Jr. High School from 15th July 2011 to 16th March 2017.
- Assistant Professor, Department of Mathematics (UG & PG), Ramananda College since 17th March 2017 to till now.
- Head of the Department since 1st July 2019 to till now
- Appointed as an Examiner, Scrutineer in the University of Burdwan and Appointed as a Paper Setter, Head Examiner, Examiner, Scrutineer in the Bankura University from 30th June 2017 to continuing.

ORIENTATION/ REFRESHER/ SHORT TERM COURSE ATTENDED/ ORGANIZED:

Sl. No.	Name of the Course	Duration	Role	Held at and Organiser
1	Orientation Programme	From 5 th March 2019 to 1 st April 2019	Participant	UGC-Human Resource Development Centre, Ranchi University, Ranchi.
2	Refresher Course	From 4 th December 2020 to 17 th December 2020	Participant	UGC-Human Resource Development Centre, Ranchi University, Ranchi.
3	Faculty Development Programme	From 8 th June 2020 to 14 th June 2020	Participant	Teaching Learning Centre Ramanujan College University of Delhi sponsored by Ministry of HRDC
4	Faculty Development Programme	From 15 th June 2020 to 21 st June 2020	Participant	IQAC, College of Commerce, Arts and Science, Patna in association with Remote Learning through Spoken Tutorial, IIT, Mumbai
5	Faculty Development Programme	From 2 nd July 2020 to 17 th July 2020	Participant	Teaching Learning Centre Ramanujan College University of Delhi sponsored by Ministry of HRDC

6	Refresher Course	From 19 th August 2020 to 1 st September 2020	Participant	UGC-Stride Program-Component-I Mizoram University, Aizawl, Mizoram
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ADMINISTRATIVE EXPERIENCE

Sl. No.	Name of the Committee/Sub-committee/Other	Duration	Role	Organiser
1	Boys Ground Hostel	From December 2017 to till date	Superintendent	Ramananda College, Bishnupur, Bankura
2	Sports	From December 2017 to till date	Member	Ramananda College, Bishnupur, Bankura.
3	UGC	From July 2017 to November 2019	Member	Ramananda College, Bishnupur, Bankura.
4	'Annasatra Prakalpa' sub-committee	From January 2019 to till date	Member	Ramananda College, Bishnupur, Bankura.
5	Concession sub-committee	From July 2017 to November 2019	Member	Ramananda College, Bishnupur, Bankura.
6	Prospectus sub-committee	From May 2017 to till date	Member	Ramananda College, Bishnupur, Bankura.
7	Routine	From May 2017 to till date	Member	Ramananda College, Bishnupur, Bankura.
8	Extended committee IQAC	From May 2017 to till date	Member	Ramananda College, Bishnupur, Bankura.
9	Academic sub-committee	From July 2019 to till date	Member	Ramananda College, Bishnupur, Bankura.
10	Technical sub-committee	From November 2019 to till date	Convener	Ramananda College, Bishnupur, Bankura.
11	Yoga Training Programme	From 2019 to till date	Convener	Ramananda College in collaboration with Mallabhum Yoga Centre
12	Annual Report	From 2019 to till date	Preparation Member	Ramananda College, Bishnupur, Bankura.

PUBLICATIONS

(List of Journals/Proceedings/Chapter in Books)

Year 2020

- *B. C. Sarkar*: Effects of Radiation and Chemical Reaction on MHD Free Convective Flow on vertical plate in Presence of Hall Currents. **International Journal of Mathematical Science** (ISSN:0972-754X), 19(2) (2020), 245-265

Year 2019

- *S. Das, B. Tarafdar, B. C. Sarkar and R. N. Jana*: Rotational Magneto-Hydrodynamic Couette Flow of Nanofluids with Hall Effects, **Journal of Nanofluids** (ISSN: 2169-432X), 8(3) (2019), 1-16 (USA)..

Year 2017

- *B. C. Sarkar and R. N. Jana*: Hall Currents And Radiation Effects On MHD Free Convective Flow Past a vertical Plate in Porous Medium in Presence of Chemical Reaction, **Frontiers in Multidisciplinary Research** (ISSN) (2017), 5-22.

Year 2016

- *B. C. Sarkar, R. N. Jana and S. Das*: Diffusion-Thermo and Thermal Radiation of an Optically Thick Gray Gas in Presence of Magnetic Field and Porous Medium, **Journal of Applied Fluid Mechanics** (ISSN: 1735- 3572), 9(4) (2016), 2037-2051 (Poland).

Year 2015

- *B. C. Sarkar, S. Das, R. N. Jana and O. D. Makinde*: Magnetohydrodynamic peristaltic flow of nanofluids in a convectively heated vertical asymmetric channel in presence of thermal radiation , **Journal of Nanofluids** (ISSN: 2169-432X), 4 (2015), 1-13 (USA)..
- *B. C. Sarkar, S. Das and R. N. Jana*: Magnetohydrodynamic Peristaltic Flow of Nanofluids in a Vertical Asymmetric Channel Filled with Porous Medium in Presence of Thermal Radiation, **Special Topics & Reviews in Porous Media: An International journal (Begell House)** (ISSN:21514798, 2151562X), 6(3) (2015), 1-1

Year 2014

- *B. C. Sarkar, S. Das and R. N. Jana*: Hall Effects on MHD Flow in a Rotating Channel in the Presence of an Inclined Magnetic Field, **Journal of Applied Science and Engineering** , 17(3) (2014), 243-252 (TIWAN)..

RESEARCH PAPER PRESENTATIONS/RESOURCE PERSON/INVITED SPEAKER

Year 2020

- Two day International Seminar on “Classical to Quantum Computing” held on 15th - 16th February 2020, Department of Physics, B.Voc (Software Development) Computer Science & Mathematics, Egra S.S.B. College, Egra, Purba Medinipur, W.B.----(Presented a paper)----
- Two day International e-conference on “Emerging Issues in Supply chain Management : Interruption, Opportunities and Challenges” held on 6th -7th June 2020, Department of Mathematics, Kazi Nazrul University, Asansol-713340, W.B. ---- (Presented a paper)----

Year 2018

- National Seminar on “Recent Approaches of Mathematical Science in Advancement of Biotechnology” held on 28th March 2018, Department of Mathematics & Department of Botany, Ramananda College, Bushnupur, Bankura, W.B.----(Presented a paper)

Year 2017

- One day National Seminar on “Roll of Scientific Advancement towards Sustainable Development” held on 8th April 2017, Department of Physics & Chemistry, Balurghat College, W.B.----(Presented a paper)----

Year 2015

- National conference on “Emerging Trends in Physics of Fluids & Solids” (NCETPFS-2015) held on 24-25th February 2015, Department of Mathematics, **Jadavpur University**, Kolkata-700032, W.B. ----(Presented a paper)----
- 2nd International conference on “Recent Trends in Mathematics and its applications” (ICRTMA-2015) held on 18-19th March 2015, Department of Applied Mathematics, **Vidyasagar University**, W.B. ----(Presented a paper)----
- National conference on “Exploring Advances in Mathematics” (NCEAM-2015) held on 16-17th December 2015, Department of Mathematics, **University of Gour Banga**, Malda-732103, W.B. ----(Presented a paper)----

PARTICIPATED IN SEMINAR/WORKSHOP/CONFERENCE/WEBINAR

- **Seminar-04**
- **Workshop-01**
- **Webinar-23**

PERSONAL DETAILS IN BRIEF

Date of Birth : 03.09.1985

Marital Status : Married

Nationality : Indian

Current Designation : Assistant Professor

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Bhaskar chandra Sarkar

Signature of the Teacher