

DIRECTORY OF UGB FACULTY PUBLICATIONS



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Editors: *Director IQAC & University Librarian, University of Gour Banga*

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Unveiling this book by Professor Bratya Basu, Hon'ble MIC, Department of Higher Education, Govt. of West Bengal

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From the Desk of the Editors

Located in the backward region of Malda, West Bengal, the University of Gour Banga has emerged as a beacon of hope for the academic aspirations of the people of primarily three border districts of Malda, Uttar Dinajpur, and Dakshin Dinajpur, in keeping with the philosophy of achieving and maintaining the highest levels of academic excellence and meeting the aspiration of the socio-economically backward segments of Muslims, SC and ST which constitute more than 75 percent of the population in its catchment area. Established under the West Bengal Act XXVI of 2007 on 19 February 2008, the University has made significant strides in providing quality education and research opportunities to its students. In a short span of nearly fifteen years, the University has achieved several milestones, including acquiring the UGC 12(B), 2f status, accreditation from the NAAC, and a place in the top 200 Indian Universities under the NIRF. These achievements are a testament to the University's commitment to excellence in education and research.

The University's primary focus is strengthening post-graduate education and research, with a vision to evolve as a centre of excellence in a rural backdrop. With 23 post-graduate departments, including major Science, Humanities and Commerce departments, and also Law, Library and Information Science, Physiology, Mass Communication and Journalism, and Food and Nutrition, the University offers a diverse range of academic programs that cater to the needs of its students. The University's infrastructure has undergone significant development under Rashtriya Uchchatar Shiksha Abhiyan (RUSA), with the establishment of state-of-the-art science laboratories, smart classrooms, a medical unit, and a multi-gym. The University has also established an archaeological museum to preserve the archaeological heritage of the region. Furthermore, the University has launched several initiatives to promote digital literacy, including the development of a mobile app for bibliographic data searching and the automation of its library using KOHA, Library Management Software, OPAC, WEBOPAC, several free open-access journals, databases, various INFLIBNET programmes via Shodhganga, Plagiarism service, ONOS Programme, etc. In addition to its academic and research pursuits, the University through its NSS units, has also adopted two villages, 'Parbatya' and 'Madhaipur', with the aim of raising the living standard of its villagers. This project reflects the University's commitment to social responsibility and community engagement.

The University also plays a vital role in undergraduate education in the districts of Malda, Uttar Dinajpur, and Dakshin Dinajpur. With twenty-three (23) general degree colleges and one (1) law college affiliated to the university, it provides educational opportunities to approximately 2.50 lakh students. The university's mentorship extends to these affiliated colleges, providing guidance and support to ensure that students receive quality education. The University of Gour Banga is committed towards implementing the cutting age National standard curriculum through Choice Based Credit System (CBCS) and National Educational Policy (NEP) in its affiliated colleges. These students' centric curriculum aims to promote holistic education, critical thinking, and innovation. To achieve this, the university is working closely with its affiliated colleges to revise curricula, introduce new courses, and promote interdisciplinary learning. Through its mentorship and implementation of the CBCS and NEP,

the University of Gour Banga aims to enhance the quality of undergraduate education in the region. By providing students with a well-rounded education, the university seeks to equip them with the skills and knowledge necessary to succeed in an increasingly complex and interconnected world.

As the University looks to the future, it is confident in its ability to face the challenges and opportunities that lie ahead. With its strong commitment to excellence in education and research, the University of Gour Banga is poised to become a leading institution of higher learning in the region by nurturing its human resources and promoting research and development initiatives. The university's science departments have received significant national and state-level support, including DST-FIST and WBDST-BOOST, which have enabled the establishment of cutting-edge research infrastructure.

The faculty of Humanities, Social Science & Commerce also received grants from ICHR, ICPR, ICSSR, etc. The university's faculty members have secured research project grants and post-doctoral grants from various funding agencies, facilitating innovative research in diverse fields. Additionally, faculty members regularly publish books and articles in international journals, showcasing their expertise and contributing to the global academic discourse. Notably, several faculty members have been featured in the prestigious Stanford/Elsevier's Top 2% Scientist Rankings for consecutive years, underscoring the university's commitment to excellence in research. These achievements demonstrate the university's dedication to fostering a vibrant research ecosystem, promoting academic excellence, and nurturing its human resources. By supporting its faculty members and investing in research infrastructure, the University of Gour Banga is poised to become a hub for innovative research and intellectual inquiry.

The University has taken the initiative to publish its Directory of Faculty Publication with regard to the following aims and objectives:

Aims:

1. To create a comprehensive directory of research publications by faculty members of our university.
2. To showcase the research excellence and contributions of faculty members to the academic community and beyond.
3. To provide a valuable resource for researchers, academics, and practitioners seeking to explore the research output of our university faculty members.
4. To promote the research achievements and expertise of faculty members to stakeholders, including academia, industry, and government.

Objectives:

1. To compile a comprehensive and up-to-date directory of research publications by faculty members, including journal articles, conference papers, books, book chapters, etc.
2. To provide detailed information about each publication, including title, author(s), publication date, etc.

3. To categorize publications by faculty member, department, and research area to facilitate easy searching and browsing.
4. To make the directory available online and in print, and to update it regularly to reflect new publications and research developments.
5. To promote the directory to stakeholders, including researchers, academics, practitioners, and policymakers, through various marketing and outreach strategies.

Specific Objectives:

1. To include at least three thousand (3000) research publications in the initial directory.
2. To update the directory annually to reflect new publications and research developments.
3. To achieve an average of 5000 views/downloads per publication within the first six months of the directory's launch.
4. To receive feedback from at least 100 stakeholders within the first six months of the directory's launch.

These aims and objectives can be tailored to fit the specific needs and goals of the Directory of Research Publications of our faculty members.

In conclusion, the University of Gour Banga is a dynamic and rapidly growing institution that is committed to excellence in education and research. Publishing the University faculty's full publication list is crucial for promoting academic excellence, transparency, and accountability. By making this information publicly available, the University demonstrates its commitment to showcasing the research achievements of its faculty members. This has a profound impact on students, who are inspired by the scholarly pursuits of their professors. It also provides a valuable resource for researchers, academics, and industry professionals seeking to collaborate or learn from the University's faculty. Furthermore, publishing the publication list fosters a culture of intellectual curiosity, encouraging students to engage in research and scholarly activities. By highlighting the faculty's research output, the University reinforces its reputation for academic excellence, ultimately benefiting the broader academic community.

**The Director, IQAC & the University Librarian
University of Gour Banga, Malda.**



UNIVERSITY OF GOUR BANGA

Established under West Bengal Act XXVI of 2007
[Recognised U/S 2(f) & 12(B) of the UGC Act]



Professor Pabitra Chattopadhyay

Vice-Chancellor

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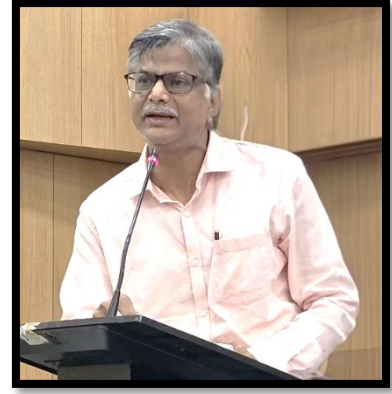
Ref. No.: /UGB/VC-2024

Date: 17/02/2025

From the Desk of the Hon'ble Vice-Chancellor

University of Gour Banga

It is a profound privilege to announce the release of the Publication Directory of the University of Gour Banga (UGB) from 2008 to 2024, a comprehensive and extensive compilation showcasing the scholarly and innovative research contributions of our esteemed faculty members across diverse fields of studies. The university is not so old and is suffering from many real crises. Despite all these, we try to overcome the situation and do our best. Maximizing limited resources with dedicated effort is everyone's principal motto. This has made this rural background-based university unique on the academic map of India. The success of the students and research publications are two much-coveted expressions of progress and success of the university. This publication is a testament to the dedication, determination, devotion and intellectual curiosity of our academic community at the University will help to build a good interface. As a Vice-Chancellor of this University, I encourage you to explore the diverse stories within these pages and remain inspired by the impactful work happening across different academic departments. Internationally recognized publications from the faculty members inspired me to work hard and dedicatedly at this university.



Our faculty members have been working hard to achieve academic excellence for the advancement of knowledge since the inception of this University (2008). Still, no attempt has ever been made to cover their individual and departmental research efforts within a single umbrella. This publication directory is a small attempt in this regard. I hope this directory bridge between this institution and society.

I am grateful to the entire university fraternity for their hard work and loyal commitment. We can establish a dynamic and inclusive academic environment through our collective efforts. I also thank our stakeholders, including parents, alumni, and industry partners, for their continued support.

As we progress, I am confident that the University of Gour Banga will continue to evolve, making impactful contributions to society and setting higher benchmarks for academic excellence. Let us work together to make the coming year even more successful.

Together, let us continue to build upon our collective strengths, inscribe this University's name in the academic world, and push the boundaries of knowledge to make a positive impact on the world.

Pabitra Chattopadhyay
12/02/2025

Professor Pabitra Chattopadhyay

Vice-Chancellor



UNIVERSITY OF GOUR BANGA

Established under West Bengal Act XXVI of 2007 [Recognised U/S 2(f) & 12(B) of the UGC Act]



Dr. BISWAJIT DAS

Registrar (Addl. Charge)

E-mail: registrar@ugb.ac.in

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P.O: Mokdumpur, Dist.: Malda, West Bengal, Pin: 732103 (India)

Ref. No.: /UGB/R-2024

Date: 17/02/2025

From the Desk of the Registrar, University of Gour Banga

Dear Faculty and Colleagues,

We proudly present the first-ever edition of the University Faculty Publications Directory. This publication is a testament to the university's commitment to academic excellence, innovation, and knowledge sharing. It showcases the impressive range of research endeavours undertaken by our faculty across various disciplines. It highlights their tireless efforts to advance knowledge, push boundaries, and address real-world challenges. We are proud to acknowledge the significant impact of their work on the academic community, industry, and society at large.



This directory celebrates our faculty's exceptional academic and research achievements and highlights their contributions to their respective fields and the broader educational community. At the University of Gour Banga, we are committed to fostering a culture of scholarship, innovation, and excellence. Our faculty's accomplishments, as reflected in their publications, enhance our institution's reputation and inspire our students and fellow researchers to pursue new frontiers of knowledge.

In this directory, you will find a comprehensive listing of recent publications, books, articles, and other scholarly works our esteemed faculty members produced. We encourage all faculty to ensure their latest publications are included and updated regularly to reflect their academic contributions accurately.

Research is at the heart of our university's mission, and your scholarly work not only contributes to your field but also enriches the educational experience for our students. I encourage you to pursue groundbreaking research projects, collaborations, and publications. Your efforts in research will strengthen our reputation as a leading academic institution and help to inspire the next generation of scholars. I also encourage you to take full advantage of the available resources and support, including funding opportunities, professional development programs, and institutional partnerships. If you are considering new research initiatives, don't hesitate to contact our office for guidance, support, and information about available grants.

Remember, your work impacts the academic world and contributes to our larger mission of social good and community development. We look forward to seeing the continued impact of your scholarship.

Thank you for your continued commitment to research, education, and advancing knowledge and contributions to the vibrant intellectual community at our university.

This publication would not have been possible without the cooperation and enthusiasm of our faculty members, who generously shared their publication details with us. We appreciate their dedication to research and scholarship.

We hope that this directory will serve as a valuable resource for researchers, scholars, and stakeholders seeking to explore the depth and breadth of our faculty's research expertise.

Once again, we congratulate our faculty members on their outstanding research achievements and look forward to their continued contributions to the world of knowledge.



Dr. BISWAJIT DAS

Registrar (Addl. Charge)

University of Gour Banga

CONTENTS

1	Faculty of Humanities, Social Science & Commerce	
1.1	Department of Arabic	12-15
1.2	Department of Bengali	16-33
1.3	Department of Commerce	34-53
1.4	Department of Economics	53-62
1.5	Department of English	62-70
1.6	Department of History	71-74
1.7	Department of Philosophy	74-80
1.8	Department of Political Science	81-92
1.9	Department of Sanskrit	92-104
1.10	Department of Sociology	104-111
2	Faculty of Science	
2.1	Department of Botany	113-136
2.2	Department of Chemistry	137-151
2.3	Department of Computer Science	151-158
2.4	Department of Food & Nutrition	158-159
2.5	Department of Geography	159-209
2.6	Department of Mathematics	210-240
2.7	Department of Physics	240-250
2.8	Department of Physiology	250-260
2.9	Department of Zoology	261-281
3	Faculty of Law, Education, Journalism, Library Science and Physical Education	
3.1	Department of Education	283-310
3.2	Department of Law	311-315
3.3	Department of Library & Information Science	315-321
3.4	Department of Mass Communication	322-323
4	Central Library	323-328

1. Faculty of Humanities, Social Sciences & Commerce

Department wise faculty	Journal Articles	Books	Book Chapters	Conference/ Seminar Proceeding	Book Reviews
1.1 Department of Arabic					
<i>Md. Mehedi Hasan</i>	12	05	-	01	-
<i>Mahammed Najmul Haque</i>	13	-	03	07	-
<i>Saifuddin</i>	-	05	-	-	-
1.2 Department of Bengali					
<i>Achinta Kumar Banerjee</i>	05	10	15	-	-
<i>Aditya Kumar Lala</i>	38	19	21	-	-
<i>Rajat Kishore Dey</i>	23	06	24	-	-
<i>Sadhan Kumar Saha</i>	08	01	05	-	-
<i>Sauren Bandyopadhyay</i>	50	12	33	-	-
<i>Sunima Ghosh</i>	16	03	09	-	-
1.3 Department of Commerce					
<i>Bhaskar Bagchi</i>	42	07	08	01	-
<i>Biswajit Paul</i>	28	04	25	-	-
<i>Goutam Bhowmik</i>	41	02	07	-	-
<i>Lakshmi Das</i>	05	-	02	-	-
<i>Manas Chakrabarti</i>	49	05	01	-	-
<i>Pinky Mistri</i>	12	-	04	-	-
1.4 Department of Economics					
<i>Biswajit Maitra</i>	40	01	04	-	-
<i>Krishna Singh</i>	20	-	07	-	-
<i>Priyanta Ghosh</i>	06	01	03	-	-
<i>Subhajit Majumder</i>	05	-	03	-	-
1.5 Department of English					
<i>Amit Bhattacharya</i>	19	-	14	-	-
<i>Bibek Adhikary</i>	14	-	-	-	-

Department wise faculty	Journal Articles	Books	Book Chapters	Conference/ Seminar Proceeding	Book Reviews
<i>Sabuj Sarkar</i>	14	02	28	-	-
<i>Samipendra Banerjee</i>	13	-	05	-	-
1.6 Department of History					
<i>Chhawang Subba</i>	15	03	03	-	01
<i>Hosnara Khatun</i>	09	04	02	01	-
1.7 Department of Philosophy					
<i>Jyotsna Saha</i>	04	04	10	01	-
<i>Purbayan Jha</i>	10	02	09	-	-
<i>Sadek Ali</i>	09	-	07	03	-
<i>Shampa Roy</i>	04	-	-	-	-
<i>Sukumar Chandra Roy</i>	-	01	01	-	-
1.8 Department of Political Science					
<i>Ayan Das</i>	01	-	05	-	-
<i>Badal Sarkar</i>	20	04	17	-	-
<i>Jitendra Sahoo</i>	16	09	27	-	-
<i>Papri Chakraborty</i>	04	-	01	-	-
<i>Siddhartha Sankar Manna</i>	14	02	14	-	-
1.9 Department of Sanskrit					
<i>Anindya Chaudhury</i>	06	-	-	02	-
<i>Chandan Bhattacharyya</i>	08	12	-	10	-
<i>Husna Parvin</i>	08	-	02	02	-
<i>Mrinal Chandra Das</i>	05	04	01	04	-
<i>Subhrajit Sen</i>	54	15	13	12	06
1.10 Department of Sociology					
<i>Anindya Bhattacharyya</i>	14	02	10	-	-
<i>Bappi Singha</i>	04	-	03	-	-
<i>Sudarshana Sen</i>	19	09	29	02	04

1.1 Department of Arabic

The Department of Arabic Language and Literature is a full-fledged Department of this University, with three Permanent Faculty Members and 122 students each semester. Teachers and students in this department participate in various academic and socio-cultural programmes. Local students demand this subject. This Department prioritises different extension activities and research works in addition to regular academic activities.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Md. Mehedi Hasan

M.A., Ph.D.

Assistant Professor



Specialization:

- Translation
- Modern Literature

Published:

- **Journal Articles: 12; Books: 05;**
- **Conference/Seminar Proceeding: 01.**

Journal Articles:

1. **Hasan, Md. M.**(2023). الشيخ علاء الدين علي المهائمي وتفسيره تبصير الرحمن وتيسير المنان، *DirasatArabiah*, 10, 9-22, Centre of Arabic and African studies, JNU, https://www.jnu.ac.in/sllcs/caas_journal, ISSN: 2348-2613.
2. **Hasan, Md. M.** (2022). العلامة أنور شاه الكشميري ومساهمته في الشعر العربي، *Pratidhwani The Echo*, 10 (4), 151-159, Dept. of Bengali, Karimganj College, <https://www.thecho.in/files/19.-Dr.-MD-Mehedi-Hasan.pdf>. ISSN: 2278-5264 (Online) 2321-9319 (Print).
3. **Hasan, Md. M.** (2022). Mysticism in the poetry of Ibn Al-Farid, *The International Journal of Creative Research Thoughts (IJCRT)*, 10 (5), <https://www.ijcrt.org/Authorhome/ahome.php>, ISSN: 2320-2882.
4. **Hasan, Md. M.**(2018). الصحافة العربية في الهند، *Al-Mazahir*, 2, 50-58, ISSN: 2348-2575.
5. **Hasan, Md. M.**(2018). Poet of the Nile Hafiz Ibrahim's Poetry: An Analytical Study, *International Journal of Research and Analytical Reviews (IJRAR)*. 5 (3), 782-786, ISSN: 2348-1269.
6. **Hasan, Md. M.**(2017). التفاسير العربية الكاملة لعلماء الهند، *Al-Mazahir*, 1 (6), 50-58, ISSN: 2348-2575.
7. **Hasan, Md. M.**(2017). تعريف موجز بتفسير القرآن بكلام الرحمن، *Al-Mazahir*, 1 (4-2), 26-34, ISSN: 2348-2575.
8. **Hasan, Md. M.**(2017). القاضي ثناء الله الباني بتي وتفسيره التفسير المظهري، *Al-Mazahir*, 1 (4), 29-38, ISSN: 2348-2575.

9. **Hasan, Md. M.**(2016).تاريخ التفسير العربي وتطوره، *Tasfiah*, 3 (1), 312-319, ISSN: 2347-7938.
10. **Hasan, Md. M.**(2015).أبو الفيض فيضي وتفسيره سواطع الإلهام، *Thaqafatul Hind*, 66 (4), 144-173, <https://www.iccr.gov.in/publication/thaqafat-ul-hind>, ISSN:0970-3713.
11. **Hasan, Md. M.**(2015).تفسير كاشف الحقائق وقاموس الدقائق، *Al-Mazahir*, 7 (6), 36-41, ISSN: 2348-2575.
12. **Hasan, Md. M.**(2015).الشيخ محمد بن يوسف الكيسودراز وتفسيره الملتقط، *Al-Mazahir*, 2 (1 & 2), 358-368, ISSN: 2348-2575.

Books:

1. **Hasan, Md. M.**(2022). *Adhunik Arbi Sahitterlthas*, Markazi Publications, New Delhi, ISBN: 978-93-91105-235, 384.
2. **Hasan, Md. M.**(2022). *Tarikh al-Adab al-Arabi*, Markazi Publications, New Delhi, ISBN: 978-93-91105-396, 515.
3. **Hasan, Md. M.**(2022). *Ishamat Ulama al-Hind fi Ulum al-Quran*, Markazi Publications, New Delhi, ISBN: 978-93-91105-464, 231.
4. **Hasan, Md. M.**(2022). *Al Tafsir wa al-Mufasssirun fi al-Hind*, Markazi Publications, New Delhi, ISBN: 978-93-91105-402, 449.
5. **Hasan, Md. M.**(2012). *Al-Mukhtarat min al-adab al-Arabi*, Students Ways, Kolkata, 475.

Conference/Seminar Proceeding:

1. **Hasan, Md. M.** (2015). *Nashwa al-lugha al-Arabiya watatawwaruha fi al-Hind*, (pp. 7-32), Paper published as proceedings of State level Seminar, Department of Arabic, UGB, Malda.

Mohammed Najmul Haque

M.A., M.Phil., Ph.D.
Associate Professor

Specialization:

- Linguistics
- Modern Literature

Published:

- **Journal Articles: 13;** **Book Chapters: 03**
- **Conference/Seminar Proceedings: 07**



Journal Articles:

1. **Haque, Md. N., & Khatun, H.**(2022). Gendering Caste and Religion Among Muslims in Post Independent India: An Intersectionality Approach, *Rabindra Bharati Journal of Philosophy*, XXIII (03), 173-177, ISSN. No. 09730087
2. **Haque, Md. N.**(2018). السيرة النبوية باللغة البنغالية في القرن العشرين، *Raihan*, 9, 39-51, ISSN- 2394-8493

3. **Haque, Md. N., & Khatun, H.** (2018). Politics of Talaq- Recent Debate, *Review of Research*, 7(12), 68-73, ISSN:2249-894X.
4. **Haque, Md. N.** (2018). 1948 القصيدة القصيرة والرواية الفلسطينية بعد 1948, *Majalla al- Aasima*, 10, 92-96, ISSN- 2277-9914 (Print Journal), e-ISSN- 2321-2756.
5. **Haque, Md. N.** (2017). القيم الخلقية في الأمثال الجاهلي, *Al-Majallah Al-Arabiyah*, 18(20), 103-114, ISSN 2308-5509
6. **Haque, Md. N.** (2017). تأثير البيئة علي الأمثال الجاهلية, *Jaljali*, 4(1), 58-61, ISSN: 2395-762X.
7. **Haque, Md. N.** (2017). لدروس التربوية من قصة خلق آدم عليه السلام, *Jaljali*, 4(2), 106-110, ISSN2395-762X.
8. **Haque, Md. N.** (2016). أهمية أمثال القرآن والسنة, *Raihan*, 7, 97-107, ISSN- 2394-8493
9. **Haque, Md. N.** (2015). القضية الفلسطينية والقصص القصير لغريب العسقلاني, *Raihan*, 6(1), 77-80, ISSN- 2394-8493
10. **Haque, Md. N.** (2014). خصائص الروايات التاريخية لنجيب الكيلاني, *Majalla al- Aasima*, 6, 83-85, ISSN- 2277-9914 (Print Journal), e-ISSN- 2321-2756 (Online Journal).
11. **Haque, Md. N.** (2014). History of Arabic Manuscript in India, *Education Rays*, 202-208, ISSN 2348 – 0467
12. **Haque, Md. N.** (2012). نجيب الكيلاني كروائي إسلامية, *Majalla al- Aasima*, 4, 135-140, ISSN- 2277-9914.
13. **Haque, Md. N.** (2004). اللغة العربية والمسلمون, *AqlamunWa'idah*, 1(1), 85

Book Chapters:

1. **Haque, Md. N.** (2019). Ethics and Moral Values in Arabic Literature. In Ahmed, Dr. Syed Abdullah and Samsuddin, Dr. Syed Khairul Anam (Eds.), *صورة المرأة في الأمثال الجاهلية*, (pp.152-157), Global Publishing House India, Visakhapattanam. ISBN: 978-93-81563-62-5.
2. **Haque, Md. N.** (2013). Contribution of Hyderabad Daccan to the Promotion of Arabic Literature. In Qaudri Aziz, Dr. Syed Shujaiddin (Eds.), *المخطوطات العربية في حيدرآباد*, (pp.75-82). Department of Arabic, University of College of Science, Saifabad, Osmania University, ISBN: 978-81-926971-6-7.
3. **Haque, Md. N.** (2013). Arabic and Islamic Studies in North-East India. In Ali Ahmed, Dr. Bakshi Hazrat (Eds.), *دراسة اللغة العربية في بنغال قبل الإستقلال*, (pp. 281-292), Adam Publishers & Distributors, New Delhi. ISBN: 978-81-7435-742-7.

Conference/Seminar Proceedings:

1. **Haque, Md. N.** (2016). Family Life: Issues and Solutions in the Perspective of Islam. In Proceedings of International Conference, School of Islamic Studies, B.S. Abdur Rahman University, Chennai *العدل بين الأولاد* (pp.77-81). ISBN 978-81-88023-16-5
2. **Haque, Md. N.** (2016). Arabic Language and Literature in India. In Proceedings of State Level Seminar, *دراسة المقامة في الهند*, (pp.33-44).

3. **Haque, Md. N.** (2015). Prophetic Guidance for Modern Social Issues. In Proceedings of National Seminar, School of Islamic Studies, B.S. Abdur Rahman University, Chennai (الأساليب التربوية النبوية للطفل (pp. 13-18).
4. **Haque, Md. N.** (2015). Arabic Language and Literature: A Contemporary View. In Proceedings of International Seminar, Department of Arabic, University of Kerala, الرواية (اللسطينية بعد 67 (pp. 29-34).
5. **Haque, Md. N.** (2015). Arabic & Persian Accounts of Maulana Abul Kalam Azad. In Proceedings of International Seminar, Department of Arabic & Persian, University of Calcutta, (الندخل بين فني الشعر والنثر ومولانا آزاد في كتابه غبار خاطر (pp. 129-134).
6. **Haque, Md. N.** (2012). Development of Tafseer Literature in India. In Proceedings of V National Seminar, Department of Arabic, Osmania University, Hyderabad, خصائص كتاب (مفردات القرآن (pp. 284-305).
7. **Haque, Md. N.** (2012). Arabic & Persian Poetry in India. In Proceedings of International Seminar, Department of Arabic & Persian, University of Calcutta, تطور الشعر العربي في الهند في (القرنين التاسع والعاشر (pp. 142-150).

Saifuddin

M.A.

Associate Professor

Specialization:

- Classical Literature

Published:

- **Books:** **05**



Books:

1. **Saifuddin**, (2021). *Noor e Muhammadi*, Bushra Publication, Malda.
2. **Saifuddin**, (2021). *Madrassa Shikha o Tar Babosthapona*, Bushra Publication, Malda.
3. **Saifuddin**, (2017). *Tirpple Talaq: In the Light of Al-Quran and Al-Hadith*, Bushra Publication, Malda.
4. **Saifuddin**, (2017). *In the Light Of Al Quran and Al Hadith Allah Kothay*, Bushra Publication, Malda.
5. **Saifuddin**, (2017). *Allahor Aakar Kemon*, Bushra Publication, Malda.

1.2 Department of Bengali

The Department of Bengali started with six full-time teachers and fifty students. At present, the department admits 122 students each semester. Several eminent scholars and researchers from various other Universities and distinguished writers have delivered talks at the department. The department has organized many seminars and workshops independently and in collaboration with other institutions. Two faculty members acted as Honourable Vice-Chancellor of the Universities. Others are also in distinguished positions at the University and Government of West Bengal. Eminent faculty members are renowned for their research works and stimulating publications.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Achinta Kumar Banerjee

M.A., Ph.D.

Associate Professor

Specialization:

- Kathasahitya O Natok

Published:

- **Journal Articles: 05; Books: 10; Book Chapters: 15**



Journal Articles:

1. **Banerjee, A. K.** (2021). Nachni: LoksanskritirPrekshite. *Ebong Prantik*, 8(17), 531–537. ISSN 2582-3841 (Online), 2348-487X (Print).
2. **Banerjee, A. K.** (2019). Tulsi LahirirChenratarNatokeAprodhan Charitra. *Ebong Mahua: Bengali Language, Literature and Research Journal*, 21(115), 194–198.
3. **Banerjee, A. K.** (2019). Dayamoyeer Katha: Ak ManobiktakAkhyar. *Ebong Mahua: Bengali Language, Literature and Research Journal*, 21(114), 258–262.
4. **Banerjee, A. K.** (2019). Nildarpan: The Play of Mass-Rising and True Patriotism. *Jigyasa: An Interdisciplinary Peer-Reviewed Refereed Research Journal*, 12(V), 108–111. ISSN 0974-7648.
5. **Banerjee, A. K.** (2019). Trauma of Partition as Reflected in Ritwik Ghatak's Trilogy: A Cinematic Vision. *Manan: Multi-Disciplinary & Peer-Reviewed Journal*, 9(2), 426–428.

Books:

1. **Banerjee, A. K., & Mukherjee, D.** (Eds.) (2023). *Bangla Natok Lokayoto Upadan*. Ananya Prokashoni. ISBN 978-93-94385-08-5.
2. **Banerjee, A. K., & Mukherjee, D.** (Eds.) (2022). *Abibhagta Dinajpur Jelar Patabhumite Abhijit Sener Kathasahitya*. Ebong Prantik. ISBN 978-81-955407-2-3.
3. **Banerjee, A. K., & Rahaman, Md. M.** (Eds.) (2021). *Loksanskritir Bibartan: Sekal Ekal*. Ebong Prantik. ISBN 978-93-85454-40-0.

4. **Banerjee, A. K.** (Ed.)(2018).*Janma Shatobarse Adwaita Mallabarmar*. Byanjanbarna. ISBN 978-93-84729-38-7.
5. **Banerjee, A. K.** (Ed.)(2017).*Rahu Chandaler Har: JajabararVitemati*. Byanjanbarna. ISBN 978-93-84729-41-7.
6. **Banerjee, A. K.** (Ed.)(2015).*UnobinshaShataker Bangla NatokeSamajik O RajnaitikProvab*. Byanjanbarna. ISBN 978-93-84729-02-8.
7. **Banerjee, A. K.** (Ed.)(2014).*SwadhinataParobarti Bangla UponyaseProtibad*. Byanjanbarna. ISBN 978-93-84729-14-1.
8. **Banerjee, A. K., Sarkar, B., & Sadhukhan, M.** (Eds.) (2012).*Rabindranath: SardhasatabarshePhireDekha*. Kolyani Publication. ISBN 978-81-8465-966-5.
9. **Banerjee, A. K., Sarkar, B., & Sadhukhan, M.** (Eds.) (2012).*Bangla Prabandha*. Kolyani Publication. ISBN 978-81-8465-965-8.
10. **Banerjee, A. K.** (Ed.) (2011).*Tulsi LahirirChhenratar*. Joydurga Library. ISBN 978-81-8465-812-5.

Book Chapters:

1. **Banerjee, A. K.** (2023).BanglarTarasankar: Tarasankarer Bangla. In A. Bagdi & S. Mondal (Eds.), *Tarasankar Bandyopadhyay: Manane O Sahitye* (p. 22). ISBN 978-81-947774-3-4.
2. **Banerjee, A. K.** (2021).Unish-Kurir Bangla Chotogalpo: Prasango O Prokaran. In B. Roy & M. Biswas (Eds.), *Bish Sataker Bangla Chotogalpo Pather Goviratai* (p. 15). Bangiya Sahitya Samsad. ISBN 978-81-951540-9-8.
3. **Banerjee, A. K.** (2021).LokayataUpadan: Shabarchorit. In A. Banerjee & S. E. Hossain (Eds.), *Bangla KathasahityaLokayatoOitijherAnusandhan* (p. 60). Bangiya Sahitya Samsad. ISBN 978-93-88988-77-3.
4. **Banerjee, A. K.** (2018). Malda JelarJanagosthirNritatwikPorichay. In B. K. Chakraborty & Others (Eds.), *Maldaha Jela LoksanskritiPorichayakGrantha* (p. 29). Loksanskriti o Adibasi Sanskriti Kendra, Paschimbanga Sarkar. ISBN 978-81-89956-57-8.
5. **Banerjee, A. K.** (2016). Titas Ekti Nodir Nam: Anchalokita. In D. Biswas & S. C. Das (Eds.), *SrastaAdaiytaMallabarmar O Titas Ekti Nadir Naam* (p. 102). Byanjanbarna. ISBN 978-81-929245-3-3.
6. **Banerjee, A. K.** (2015).DebigarjanNatokerBhumikansa. In D. Biswas (Ed.), *Srasta Bijan Bhattacharya O Debigarjan* (p. 135). Byanjanbarna. ISBN 978-93-84729-18-9.
7. **Banerjee, A. K.** (2015).Smritipuja. In D. Biswas (Ed.), *UnisherKobita Samiksha* (p. 117). Byanjanbarna. ISBN 978-81-929245-8-8.
8. **Banerjee, A. K.** (2015).JamidardarpanNatoke Tragedy. In D. Biswas & S. C. Das (Eds.), *Jamidar Darpan: NikristerNamabali* (p. 142). Progyanbikash. ISBN 978-93-83016-46-4.
9. **Banerjee, A. K.** (2015). Electoral Reforms in India: New Perspectives. In J. Sahoo (Ed.), *India in Globalized Era* (p. 225). New Academic Publishers. ISBN 978-81-86772-83-6.
10. **Banerjee, A. K.** (2015).VivekananderSwadeschinta. In P. Bhattacharya (Ed.), *Bishay O Soilir Aloke Gadyashilpi Vivekananda* (p. 138). Sangbedan. ISBN 978-81-928049-6-5.

11. **Banerjee, A. K.** (2015). Sita NatokerUddeshaymulokota. In D. Biswas (Ed.), *Srasta Dwijendralal Roy O Sita* (p. 209). Byanjanbarna. ISBN 978-81-929245-7-1.
12. **Banerjee, A. K.** (2014). Environmental Protection and Judicial Activism in India. In R. Bandyopadhyaya& Others (Eds.), *Environment, Governance and Development, Vol. 2* (p. 439). Department of Law, University of North Bengal. ISBN 978-81-921285-2-8.
13. **Banerjee, A. K.** (2014).Dhonrai Charit Manas UponyaseAncholikata. In D. Biswas (Ed.), *Dhonrai Charit Manas AbatalerAtmajingasa* (p. 276). Progyanbikash. ISBN 978-93-83016-24-2.
14. **Banerjee, A. K.** (2012).UnabinshaSatabdir Swadesh Chetana O Bangla Oitihashik Natok. In S. N. Bala (Ed.), *Bangla Sahitye Jatiya Chetana* (p. 112). Anjali Publishers. ISBN 978-93-81745-10-3.
15. **Banerjee, A. K.** (2011).MuktodharaNatokeAprodhanCharitrer Bhumika. In *Muktodhara*. Kolyani Publication.

Aditya Kumar Lala
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Specialization:

➤ Prachin Sahitya

Published:

➤ **Journal Articles: 38;** **Books: 19;**
 ➤ **Book Chapters: 21**



Journal Articles:

1. **Lala, A. K.** (2022). MadhyajugerSahityeLokprojuktirByaboharProsongo. *Shruti*, ISSN: 2394-7225.
2. **Lala, A. K.** (2022). BangladesherSiskhababasthar Parichay. *Kallyan*, Ramkrishna Mission Brahmananda College of Education, Rahara, 24 Paragana (North).
3. **Lala, A. K.** (2021). Dhuyapader Swarup O Byabahar Riti: PrekkhitMadhyajuger Sahitya. *Shruti*, ISSN: 2394-7225.
4. **Lala, A. K.** (2021). Bangali MananeDeshmatrika O Debi Durga. *Pratiti (Sharad Sankhya)*, Radhika Ranjan Debbhuti, Kaliaganj, Uttar Dinajpur.
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7. **Lala, A. K.** (2019). Gourbhume Rachita SanskritoPrakirnaKabitayJibanerPratacchabi. *Manobhumi*, ISSN: 2231-6515.
8. **Lala, A. K.** (2018). Madhyajuger Bangla SahityeLokmanosePapbodh, Paper Shasti O Prayoshittachetana. *Abhiyatri Feri*, ISSN: 2231-2862.
9. **Lala, A. K.** (2018). Madhyajuger Bangla SahityeAporadh Chitra. *Shakbol*, ISSN: 2581-5903.

10. **Lala, A. K.** (2018). MadhyajugerKobiderAtmokahini Anshe NijederGharoa O AntorongoJibonerPorichay. *Shruti*, ISSN: 2394-7225.
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16. **Lala, A. K.** (2015). GourioChandimangal Kabye Gour Banger Samaj O Paribar Jibon. *Tabu Eklabya*, ISSN: 0976-9463.
17. **Lala, A. K.** (2015). Tantrabibhuti: UttarbhangioManasamangalKabyadhararPathikrit Kobi. *Aikik*, ISSN: 2395-2008.
18. **Lala, A. K.** (2014). Chandimangal Kabye Brittijibi Manush. *Open Eyes*, ISSN: 2249-4332.
19. **Lala, A. K.** (2013). Dibyendu PaliterGalpeKolkatarNagorikManashikatarBichitra. *Open Eyes*, ISSN: 2249-4332.
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21. **Lala, A. K.** (2013). Kobichandra Shankar Chakrobortir Data Karana: Pathoddhar O Samalochana. *UtsaritoAalo*, Palas Goswami, Atul Market, Malda.
22. **Lala, A. K.** (2012). Avinabatma O Swatantre Dwarika Das-er Manasa Mangal KabyerKahinibritta. *Antarmukh*, ISSN: 2249-3751.
23. **Lala, A. K.** (2012). PrachinGourdesha Samaj O Sanskriti. *Manobhumi*, ISSN: 3122-6515.
24. **Lala, A. K.** (2012). Iswar Gupta: BangaleerPraner Kobi. *Manobhumi*, ISSN: 3122-6515.
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27. **Lala, A. K.** (2011). GoudrioChandimangal Kabye Lokayata Prasanga. *Lok Sanskriti Sambad*, ISSN: 2229-6085.
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29. **Lala, A. K.** (2010). Charyapada: Artho Samaj Sanaskriti O Mulyabodh. *Bangladesher Hridoy Hote*, Dhaka.
30. **Lala, A. K.** (2010). Manasa Debir Swarup O Rup Prasanga. *International Journal of Bengal Studies*, Vol-1, Issue 2, New Delhi.
31. **Lala, A. K.** (2010). MahaprabhurRamkeluAgoman: BangalirBhabJagate Ek SwarnajjwalAdhay. *Monobhumi*, ISSN: 3122-6515.
32. **Lala, A. K.** (2010). Chandidas Namankito Pade Atindriyobad. *Open Eyes*, ISSN: 2249-4332.

33. **Lala, A. K.** (2009). Rabindra MananerPrasangikKayekti Dik. *Pramit*, Mujaffar Ahamed College, Salar, Murshidabad.
34. **Lala, A. K.** (2008). Tantrabibhuti: Gour Banger EkjanBismitapray Manasa Kobi. *Gour Malda Sambad (Sharadiya Patrika)*, Malda.
35. **Lala, A. K.** (2008). CharjapaderBhashabigyan: EktiSatabarshik Samiksha. *UtsaritaAalo*, Palas Goswami, Atul Market, Malda.
36. **Lala, A. K.** (2008). ManikerPrabandha: ShilpirShilpochinterRamdhanu. *Manik SatabarshaSanksha*, Department Of Bengali, Kalyani University, Nadia.
37. **Lala, A. K.** (2004). Mishra Sanskritir Debi, Shri Chaitanya O Pragadhunik Bangla Sahitya. *Bengali Department, Kalyani University*, Nadia.
38. **Lala, A. K.** (2000). BanglarPrachintamaLokopuran: Padmapuran. *Kaliachak Koras SanskritikSangastha*, Kaliachak, Malda.

Books:

1. **Lala, A. K.** (2024). *Kabi Bharatchandra O Annadamangal Kabya*. Dey's Publishing Private Limited. ISBN: 978-81-969095-3-6.
2. **Lala, A. K.** (2024). *Kashiram Dasher Mahabharat: Kabi O Kabyasahitya*. Dey's Publishing Private Limited. ISBN: 978-81-977958-5-5.
3. **Lala, A. K.** (2023). *TantrabibhutirManasapuran*. Dey's Publishing Private Limited. ISBN: 978-81-9628-31-0-0.
4. **Lala, A. K.** (2022). *Maladhar Basur Srikrishnabijoy: Katha O Kabyashilpa*. Dey's Publishing. ISBN: 978-93-94079-00-7.
5. **Lala, A. K.** (2021). *MoimonsinghaGitikayPrapta Jibon O Shilparup*. Dey's Publishing. ISBN: 978-93-90902-86-6.
6. **Lala, A. K.** (2020). *Rameshwar BhattacharyerShibayan Kabi O Kabyashilpa*. Dey's Publishing. ISBN: 978-81-948033-9-3.
7. **Lala, A. K.** (2019). *MadhyajugerSahitye Bangla AnchalikSabderProyagBoichitra*. Dey's Publishing. ISBN: 978-93-89377-06-4.
8. **Lala, A. K.** (2019). *Bangla Jibani Kabya O Chaitanyadev*. Dey's Publishing. ISBN: 978-93-89377-09-5.
9. **Lala, A. K.** (2018). *Dharmamangal: Kabimon O Kabyashilpa (Ghanoram Chakraborty O Manikram Ganguly)*. Dey's Publishing. ISBN: 978-93-86408-58-7.
10. **Lala, A. K.** (2017). *Baishnab Padabali Tattwa O Sahitya*. Sahitya Sangi. ISBN: 978-93-85811-26-5.
11. **Lala, A. K.** (2017). *BanglarRamkatha, Ramayan: Ek Uttarotara Ayan*. Dey's Publishing. ISBN: 978-81-295-2776-9.
12. **Lala, A. K.** (2016). *Manik Dutter Chandimangal Kabya: Sristi O Nirman*. Diya Publication. ISBN: 978-93-82094-96-8.
13. **Lala, A. K.** (2014). *Atulaniya Chaitanya Jiban Protarkik Adhayan*. Kalyani Publication. ISBN: 978-81-925662-6-9.

14. **Lala, A. K.** (2012). *Banglar Nath Dharmo O Nath Sahitya*. Sahitya Sangi. ISBN: 978-93-82045-03-08.
15. **Lala, A. K.** (2012). *Swapna-Prayan: Manane O Onubhabe*. Grantha Bikash. ISBN: 978-81-922460-1-7.
16. **Lala, A. K.** (2011). *Banglar Dharmathakur: Rupamer Mangal Gan*. Grantha Bikash. ISBN: 978-81-922460-2-4.
17. **Lala, A. K.** (2011). *Choto Galper Chinhito Manchitra: Subodh Ghosh (Edited)*. Ekush Shatak. ISBN: 971-81-91083-6-2.
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19. **Lala, A. K.** (2009). *Manasamangal Kabya: Jiban Dristir Bichitra Darpane*. Sahitya Sangi. ISBN: 978-93-82045-02-1.

Book Chapters:

1. **Lala, A. K.** (2023). Madhayuger Sahitye Pranoychinta. In *Pragadhunik Bangla Sahitye Pranoy-Akshan Charcha* (pp. 469-477). Lalmati. ISBN: 978-93-95097-92-5.
2. **Lala, A. K.** (2022). Gourbanger Khadyasanskriti. In S. Bala & R. Goswami (Eds.), *Malda Jelar Itihas Samagra*. Progressive Publishers. ISBN: 978-81-0864-362-0.
3. **Lala, A. K.** (2021). Itikathar Punonirman O Amiyabhusaner Chandbene. In A. C. Karmakar (Ed.), *Amiyabhusaner Upanyas: Bangla Kathasahityer Byatikrami Bhuban*. Ashapurna Prakashani. ISBN: 978-93-85122-73-6.
4. **Lala, A. K.** (2018). Debi Chandir Rup O Swarup Prasanga. In S. Bala (Ed.), *Kabikankaner Chandimangal: Bibidha Prasanga*. Bangiya Sahitya Sambad. ISBN: 978-93-86508-78-2.
5. **Lala, A. K.** (2018). Mangalkabye Maldaha Jelar Lokayata Samaj-Sanskritir Chitra. In B. K. Chakraborty & M. Kisku (Eds.), *Jela Loksanskriti Parichay Grantha MALDAHA*. Government of West Bengal, Loksanskriti O Adibasi Sanskritikendra. ISBN: 978-93-86508-78-2.
6. **Lala, A. K.** (2018). Adwaita Mallabarmaner Probondhe Somaj O Janasanskriti Chetana. In A. K. Banerjee (Ed.), *Janmo Shatoborshe Adwaita Mallabarman*. Bengali Department, Dewan Abdul Gani College. ISBN: 978-93-84729-38-7.
7. **Lala, A. K.** (2017). Sekshubhodoya: Gourdeshe Bangla Bhasar Prothom Pir Mangalkabya. In A. Roy (Ed.), *Gour Ramkeli*. Deep Prakashan. ISBN: 978-93-86219-01-5.
8. **Lala, A. K.** (2017). Bharatiya Chalachitra O Sambhu Mitra. In T. K. Biswas (Ed.), *Janmasatabarshe Shambhu Mitra Saparja*. Sangbedan. ISBN: 978-81-932664-4-1.
9. **Lala, A. K.** (2015). Chand Baniker Pala: Chirokalin Satyer Pathe Pari Deoar Natak. In *Pragya Bikas*. ISBN: 978-93-83016-40-2.
10. **Lala, A. K.** (2014). Rabindranather Kabyanatte Protibadi Bhabana. In *Rabindra Natoke Pratibadi Bhabana*. South Malda College, Pubarun, Malda.
11. **Lala, A. K.** (2014). Budo Saliker Ghare Rno: Bahumatrik Parjabekshan. In *Bangla Natoke Pratibad*. Ekush Shatak. ISBN: 978-93-83521-17-3.

12. **Lala, A. K.** (2013). Madhyajuger Kabye Pratibad. In *Bangla KobitaiPratibad*. Bidhannagar Govt. College. ISBN: 978-93-82045-65-6.
13. **Lala, A. K.** (2013). Rabindranather Palley UnnayanBhabna. In *Sahitya Sangi*. ISBN: 978-93-82045-65-6.
14. **Lala, A. K.** (2013). RajnaitikSahonshilata: Gandhijeer Samai O Ekhon. In *Rabindranath O RajnitiEkhon O Takhon*. Kallol. ISBN: 81-87098-59-7.
15. **Lala, A. K.** (2013). Dharma Mangal Kabye Rad Banger UllekhitaSthanSamuherEaitihasikParichai. In *Itihas O Sahitya MukhomukhiAinai*. Ashadeep Publication. ISBN: 978-93-81245-20-0.
16. **Lala, A. K.** (2012). BangalirJatio Chetana O Kobi Nabin Chandra Sen. In *Bangla Sahitya Jatio Chetana (1800-1947)*. Anjali Publishers. ISBN: 978-93-81745-10-3.
17. **Lala, A. K.** (2012). VivekananderShishkhabhavana: Aajo Saman Prasongik. In J. Mandal (Ed.), *Vivek Chinta*. Kamalini. ISBN: 978-93-81687-23-9.
18. **Lala, A. K.** (2012). Kabitar Katha: Kabi Jibanander Kabita VishayakBichitraUpalabdhirRamdhanu. In N. C. Basunia (Ed.), *Bangla Sahitya O Jibananda Das*. Sanbedan. ISBN: 978-81-920636-5-2.
19. **Lala, A. K.** (2011). RabindranatherMuktadhara: Muktadharai Rabindranath. In M. Rakshit (Ed.), *MuktadharaEktiPurnangaAlochanaGrantha*. Kalyani Publication. ISBN: 978-81-925662-0-7.
20. **Lala, A. K.** (2009). Mohitlaler 'Pantha': JibonbadiKobir Ek AnabadyaJibongiti. In *Rabindra Samakalin O Rabindra-uttar Kobi O Kobita*. S. Banerjee & Co.
21. **Lala, A. K.** (2008). Manasamangal Kabye Lokachar O Lokobiswas Prasanga. In *Loksanskriti O Bangla Sahitya*. Anjali Publisher. ISBN: 82-89620-35-5.

Rajat Kishore Dey

M.A., B.Ed., B.LIS., Ph.D.
Professor

Specialization:

- Rabindra Sahitya

Published:

- **Journal Articles: 23;** **Books: 06;**
- **Book Chapters: 24.**



Journal Articles:

1. **Dey, R. K., & Roy, S.** (2024). BharoterRajniti o Nari: ShururPorbo, *Samakal – A Peer Reviewed Journal*, Kolkata, ISSN 2350 – 0654
2. **Dey, R. K.** (2024). Kollolito Rabindranath, *Choturthobarta – A Peer Reviewed Journal*, Kolkata, XXI, ISSN 2319-1325
3. **Dey, R. K.** (2022). ShailobalaGhoshjayerAbak: Muslim Samaje Nari-Swadhinotar ek Byetikromi Prayas. *Khoai, Santiniketan, Birbhum*, 46. ISSN 2319-8389.
4. **Dey, R. K., & Mandal, S.** (2022). Bharotiyo Samaj o Prantojon, *Anuranon -- A Peer Reviewed Journal*, Kolkata, 10, ISSN 2347-8055

5. **Dey, R. K.** (2022). *Ragaja* (Short Story). *Anupras*, 5. Editor: G. Dey, Kandi, Murshidabad. ISSN 2394-6024.
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23. **Bandyopadhyay, S.** (2014). Gour Banger Sthan Naam: EktiPrachesta. In R. Biswas (Ed.), *Uttar Banger Bhasa (2nd Ed.)*. Amritayan. ISBN 13-978-81-922497-4-2.
24. **Bandyopadhyay, S.** (2014). Jiban rakshaykutirshilpa: Jela Dakshin Dinajpur. In S. Karmakar (Ed.), *Paschim Banger Kutir Shilpa (2nd Vol.)*. Swastik Prakashan. ISBN 978-93-83458-04-2.
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33. **Bandyopadhyay, S.** (2008). DhatridebatayRomantikBhabna. In P. Roychoudhury (Ed.), *Dhatridebata: Janani O JanmabhumiBakpratima*. Kalyani Publication.

Sunima Ghosh

M.A., Ph.D.

Professor



Specialization:

- Adhunik Bangla Sahitya

Published:

- **Journal Articles: 16;** **Books: 03;**
- **Book Chapters: 09**

Journal Articles:

1. **Ghosh, S., & Maitra, P.** (2024). Lokokrida o Nirbachita Bangla Chotogolpa. *Trisangam*, 4(4, Part II), 1–5. ISSN 2583-0848.
2. **Ghosh, S., & Chakraborty, P.** (2024). Premendra MittrerPranibidyaBishayak Kalpa Golpe Biggyan Chetana. *Trisangam*, 4(4, Part II), 119–131. ISSN 2583-0848.
3. **Ghosh, S.** (2024). Oitijhya O AdhunikatarDarpane Nabanita Dev Sener Rupkatha. *ItihasAakademi Dhaka (ItihasProbandhamala)*, 21(19), 405–412. ISSN 2074-8663.
4. **Ghosh, S.** (2022). Rabindranather Rastra Chinta Ek Mukta o Purna ManushatterUdbadhon. *Sakbol*, 3(1), 11–14. ISSN 2581-5903.
5. **Ghosh, S., & Mandal, P. B.** (2022). Lokyata Bijan Bhattacharyay, Samaj Itihas Path o NatakakerBikalpaPrasthanvumi. *Trisangam*, 3, 449–463. ISSN 2583-0848.
6. **Ghosh, S., & Shikdar, B.** (2019–2020). Matua Sadhanar Kram ba Star. *Pragya*, 5, 144–149. ISSN 2454-5279.
7. **Ghosh, S.** (2018). Ramaniya Ramya Rachanakar Nabanita. *Thakbo*, 2(1), 18–24.
8. **Ghosh, S.** (2018). Uttaraner Ak nam Antartika. *EparOparIchamati*.
9. **Ghosh, S.** (2018). UnishShatakerSamajikAndolon o Bottola Sahitya. *Shinjan*, 4(6), 1–12. ISSN 2454-3322.
10. **Ghosh, S., & Chakraborty, B.** (2017). Malda JelarNatakakerItihas (SwadhinataPurbabarty - 2016 Khristabda): EktiSankhiptaParjalochona. *Itihas o Sangskriti- Paschim Banga AnchalikItihas o LokosangskritiCharcha Kendra Kolkata*, 3(1), 263–271. ISSN 2394-5737.
11. **Ghosh, S., & Ghosh, S.** (2017). ShishurAswavabikAcharana o Tar ManabaigyanikPrekshit: Prasanga Asapurna DevirUpanyas. *Shinjan*, 3(5), 103–107. ISSN 2454-3322.
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13. **Ghosh, S., Banerjee, A., & Chakraborty, B.** (2017). Revisiting 1960 and 1970's: A Selected Reading of the Female Voices of Bangla. *English, Literary Herald (An International Refereed e-Journal)*, 2(2), 462–470. ISSN 2454-3365.
14. **Ghosh, S.** (2014). Bisarjaner Mancha Path RupantarerPrasangikata. *Kuttim*, 3(1), 81–84. ISSN 2321-9696.
15. **Ghosh, S.** (2014). ThakumarJhuli: Narir Swar. *Arsinagar*, 2(2), 118–126. ISSN 2319-5150.

16. **Ghosh, S.** (2014). Ekaler Prekshite Gorar Nari. *Indian Journal of Multidisciplinary Academic Research*, 1(1), 62–65. ISSN 2347-9884.

Books:

1. **Ghosh, S.** (2014). *Nana Parisara Rabindranath*. Kabitika. ISBN 978-93-85248-48-1.
2. **Ghosh, S.** (2014). *Rangabange Aparajito Aparajita*. Kabitika. ISBN 978-93-85248-92-9.
3. **Ghosh, S.** (Ed.). (2012). *Bangla Kobita Unish o Bish Satak*. Vidya. ISBN 978-93-830-93-36-6.

Book Chapters:

1. **Ghosh, S.** (2023). Shishu Sahittik Nabanita. In A. Shansmal (Ed.), *Pasupati Sansmal Smarak Grantha* (pp. 501–528). ISBN 978-9385-119-590.
2. **Ghosh, S.** (2016). Bish O Brikha: Bishabriksha. In T. Basu (Ed.), *Bankim Chandra: Kaler Vabnay* (pp. 450–455). Ebang Mushyera. ISBN 978-93-85119-59-0.
3. **Ghosh, S.** (2015). Samay O Samayantar Golpo Payla Nambar. In B. Chakraborty (Ed.), *Subaj Patre Rabindra - Chhotogolper Nana Pryalochona* (pp. 73–78). Bama Pustakalay. ISBN 978-93-83018-40-6.
4. **Ghosh, S.** (2015). Narir Khamatayane Artha na Samaj? In M. K. Baidya (Ed.), *Financial Inclusion India: Challenges and Prospects* (pp. 324–328). Kabitika. ISBN 978-93-85248-85-6.
5. **Ghosh, S.** (2014). Sadhak Paribrajak Khitimohon. In U. Mandal & R. Modak (Eds.), *Bish Shataker Bangla Probandha Charcha (1901-1947)* (pp. 193–204). Sahitya Samsad. ISBN 978-98-35904-07.
6. **Ghosh, S.** (2014). Shesher Kabitay Nari. In R. K. Dey (Ed.), *Rabindranather Shesher Kabitay Fire Dakha Nana Chokhe* (pp. 101–106). Ratnabali. ISBN 978-93-81329-13-9.
7. **Ghosh, S.** (2012). Tinsangir Nari o Amra. In P. Chowdhury & S. Some (Eds.), *Rabindranath Revisited: Essay on Tagore*. ISBN 978-9380663-62-3.
8. **Ghosh, S.** (2012). Champa: Ekti Nibir Path. In S. Ghosh (Ed.), *Bangla Kabita Unish o Bish Shatak* (pp. 21–28). Vidya. ISBN 978-93-830-93-36-6.
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1.3 Department of Commerce

The PG Department of Commerce of this University UGB started its M. Com course in January 2012. At present, there are six full-time faculty members and an intake of 61 students each semester. Teachers and Students of this Department take part in various academic programmes. All the faculty members are keenly associated with their students and try to inspire them toward academic and research excellence. All the faculty members are good researchers, and their publications are internationally reputed.

- Year of establishment: 2012
- Programmes offered: M.Com. & Ph.D.

Faculty publications of this Department are as follows:

Bhaskar Bagchi
M.A. (Double), Ph.D., PGDBM
Professor



Specialization:

- Finance

Published:

- **Journal Articles: 42; Books: 07; Book Chapters: 08**
- **Conference/Seminar Proceeding: 01.**

Journal Articles:

1. Ghosh, R., Paul, B., Sana, A., **Bagchi, B.**, Ghosh, P. (2024). The Impact of Financial Stress on Economic Growth in Asian Emerging Economies: Evidence from Quantile Connectedness Approach, *Asia Pacific Financial Markets*(Preprint).
2. **Bagchi, B.**, Ghosh, R., Dey, B. P., Mishra, A., Kundu, D. (2024). How do Stock Markets Respond during Periods of Political Instability? An Empirical Insight from Bangladesh during 2015-2023, *Indian Accounting Review*, Vol. 28, No. 3.
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17. **Bagchi, B.**, Bhunia, A., & Dandapat, D. R. (2019). Analysis of Volatility and Leverage Effect in Selected Six Stock Markets, *Indian Accounting Review*, Vol. 21, No. 1, pp. 13-21.
18. **Bagchi, B.** (2017). Volatility Spillovers between Crude Oil Price and Stock Markets: Evidence from BRIC Countries, *International Journal of Emerging Markets*, Vol. 12, no. 2, 2017.
19. **Bagchi, B.** (2016). Volatility spillovers between exchange rates and Indian stock markets in the post-recession period: an APARCH approach, *International Journal of Monetary Economics and Finance*, vol. 9, no. 3.
20. **Bagchi, B.** (2016). Impact of working capital management on corporate profitability: A study of Maharatna CPSEs, *Finance India*, vol. XXIX, no. 4.
21. **Bagchi, B.** (2015). A long-run and short-run cointegration model explaining relationship between liquidity management and profitability, *International Journal of Business Excellence*, vol. 8, no. 2.

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27. **Bagchi, B.,** & Khamrui, B. (2014). Modeling working capital management using stationary series for Indian public sector enterprises, *Prajnan Journal of Social and Management Sciences*, Vol. XLIII, No. 2.
28. **Bagchi, B.,** & Dandapat, D. (2013). Governance in NGOs: A study of selected NGOs in Northern West Bengal, *Business Perspectives*, Vol. 3.
29. **Bagchi, B.,** Chakraborty, J. and Roy, P.B. (2012). Influence of Working Capital Management on Profitability: A Study on Indian FMCG Companies. *International Journal of Business and Management*, Vol. 7, No. 22, November, 2012.
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38. **Bagchi, B., & Dandapat, D.** (2010). Role of NGOs in Development of Backward Districts in West Bengal – A Study. *Journal of Business and Economic Issues*, Vol. 2, No. 1.
39. **Bagchi, B., & Dandapat, D.** (2010). Role of Micro-Finance in Rural Poverty Alleviation: A Study with Particular Reference to Jalpaiguri District in West Bengal. *Indian Accounting Review*, Vol. 14, No. 1.
40. Ghosh, G., & **Bagchi, B.** (2010). Women Domestic Workers: A Case Study of Jalpaiguri District, West Bengal. *The Economic Challenger*, No. 12, Issue 48.
41. **Bagchi, B., & Bera, J.** (2010). Rural Credit in West Bengal: A Case Study of a Village in Jalpaiguri District. *Vidyasagar University Journal of Commerce*, Vol. 15, March.
42. Dandapat, D., & **Bagchi, B.** (2007). Accounting for NGOs: A Case Study in West Bengal. *Indian Accounting Review*, Vol. 11, No. 2.

Books:

1. **Bagchi, B., & Ghosh, R.** (2023). *Economic Policy Uncertainty and the Indian Economy*, 2023, (ISBN: 978-180-45-5938-3) Emerald Group Publishing Inc.: UK
2. **Bagchi, B., & Pal, B.** (2023). *Sustainable Roadmap Development Strategies in India: Paving the Way for a Better Future*, (Ed.) 2023, (ISBN: 978-967-2819-24-0) Lincoln University College Press, Malaysia.
3. **Bagchi, B., Chatterjee, S., Ghosh, R., & Dandapat, D. R.** (2020). *Coronavirus Outbreak and the Great Lockdown: Impact on Oil Prices and Stock Markets across the Globe*, 2020, (ISBN: 978-981-15-7781-9), Springer Nature Singapore Pte. Ltd.
4. Chatterjee, S., Dandapat, D. R., & **Bagchi, B.** (2018). *Efficiency of Growth Drivers: An Analysis of Select Indian Industries*, 2018, (ISBN: 978-981-13-2918-0) Springer Nature Singapore Pte. Ltd.
5. **Bagchi, B., Dandapat, D. R., & Chatterjee, S.** (2016). *Dynamic Linkages and Volatility Spillovers: Effects of Oil Prices on Exchange Rates and Stock Markets of Emerging Economies*, 2016, (ISBN: 978-1-78635-554-6) Emerald Group Publishing Inc.: UK
6. Debnath, S., **Bagchi, B., & Mishra, S.** (2016). *Modern Trends in Social and Basic Sciences* (Ed.) 2016, (ISBN-10: 938-262-3515) (ISBN-13: 978-9382623519) Readers Service, Kolkata
7. **Bagchi, B.** (2012). *Approach to Working Capital Management: A Study on Indian FMCG Companies*. Saarbrücken, Deutschland/Germany: Lambert Academic Publishing (ISBN: 978-3-8465-3798-5).

Book Chapters:

1. Ghosh, R, Paul, B., & **Bagchi, B.** (2024). Performance of ESG Funds Under the Shadow of Climate Policy Uncertainty: The Sustainable Outline of India, *Sustainable Partnership and Investment Strategies for Startups and SMEs*, (Ed.), (979-8-3693219-7-3), IGI Global.
2. Ghosh, R., & **Bagchi, B.** (2022). COVID-19 Pandemic and Stock Markets: The Case of Select Asian Economies, *Sustainable Strategies for Economic Growth and Decent Work:*

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3. Chatterjee, S., Ghosh, R., & **Bagchi, B.** (2021). Crude Oil prices and Macro Economic Indicators: A Study on Volatility Spillover Effect in India, in *Emerging Issues and Debates in Accounting and Finance (Ed.)*, Department of Commerce, University of Gour Banga, India.
4. **Bagchi, B.** (2015). Stock markets and the effects of oil price shocks: Evidence from BRIC Countries in *Frontiers of Infrastructure Finance: Issues and Challenges (Ed.)*, Bloomsbury: New Delhi.
5. **Bagchi, B.** (2014). Liquidity management of public sector general insurance companies in India, in – *Contemporary Issues in accounting and Finance (Ed.)*, New Central Book Agency: New Delhi.
6. **Bagchi, B.** (2014). Modeling long-run and short-run cointegration relationship between exchange rates and stock markets in India, in *Indian Financial Sector: Policy, Investments and Stock Markets (Ed.)*, Regal Publications: New Delhi.
7. **Bagchi, B.**, Bhunia, A. & Khamrui, B. (2012). Financial Performance Analysis- Empirical Evidence from two leading MFIs in India, in - *Financial Inclusion and Microfinance (ed)*, SPS Publications: Kolkata.
8. Dandapat, D., & **Bagchi, B.** (2011). Performance of NGOs: A Study of Selected Districts in West Bengal, in - *Studies in Accounting and Finance – Contemporary Issues and Debates (Ed.)*, Pearson: New Delhi.

Conference/Seminar Proceedings:

1. **Bagchi, B.**, & Mishra, A. (2020). Causality between Liquidity Management and Profitability in Stationary Series: Evidence from Indian public Sector Enterprises, in *Business Practices and Sustainability (Ed.)*, Department of Commerce, Vidyasagar University, India.

Biswajit Paul
M.Com, M.Phil., Ph.D.
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Specialization:

- Finance and Management

Published:

- **Journal Articles: 28;** **Books: 04;**
- **Book Chapters: 25.**



Journal Articles:

1. **Paul, B.**, Ghosh, R., Sana, A. K., Bagchi, B., Ghosh, P. K., & Saha, S. (n.d.). Revisiting economic growth in the shadow of financial stress in times of crisis: Evidence from FIGARCH and wavelet

- coherence approach. *Journal of Economic and Administrative Sciences*, Emerald Publishing. ISSN: 1026-4116. (Accepted and under review).
2. Ghosh, P. K., Ghosh, R., Bagchi, B., & **Paul, B.** (2024). Measuring the impact of technology innovations and renewable energy consumption for enhancing environmental sustainability in India: Empirical evidence from ARDL approach. *International Journal on Recent Trends in Business and Tourism (IJRTBT)*. Online ISSN: 2550-1526. Published by Lincoln University College. (Accepted and under review).
 3. Bagchi, B., **Paul, B.**, & Ghosh, R. (2024). Dynamic effects of crude oil price shocks on stock markets and exchange rates: Evidence from major oil importing countries amid Russia-Ukraine conflict. *International Journal of Global Business and Economics Review (Inderscience Enterprises Ltd.)*, 30(2), 234–257. ISSN (Online): 1745-1329; ISSN (Print): 1097-4954. <http://dx.doi.org/10.1504/GBER.2024.136424>
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Specialization:

- Accounting

Published:

- **Journal Articles: 41; Books: 02;**
- **Book Chapters: 07**



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Specialization:

- Accounting,
- Finance

Published:

- **Journal Articles: 05;** **Book Chapters: 02**



Journal Articles:

1. Desai, R., & **Das, L.** (2024). Investor reaction to the mandatory reporting of corporate ESG practices in the Indian stock market: an event study approach (2020-2021). *International Journal of Green Economics*, 18(1), 45-60.
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Specialization:

- Accounting

Published:

- Journal Articles: 49; Books: 05;
- Book Chapters: 01

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Specialization:

- Accounting,
- Finance

Published:

- **Journal Articles: 12;** **Book Chapters: 04**

Journal Articles:

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1.4 Department of Economics

The Department of Economics at the University of Gour Banga's School of Social Science is a premier centre in northern West Bengal, delivering high-quality economic education and opportunities to rural students.

The department offers graduate programs, including MA/M.Sc and Ph.D. degrees in Economics, subject to University rules and regulations, building on the BA/B.Sc (Hons.) in Economics Foundation. Adapting to the evolving academic landscape, the department has promptly updated its curriculum to align with the nation's changing educational requirements in tandem with UGC regulations. The MA/M.Sc program develops advanced expertise in a wide range of economic disciplines, including Microeconomics, macroeconomics, Development Economics, International Economics, Indian Economy, Public Economics, Social Economics, Environmental Economics, Rural Industrialization, and Theoretical and Applied Econometrics. The Ph.D. program fosters critical thinking and analytical skills in evaluating economic problems. It includes mandatory coursework in specialized theoretical, methodological, and empirical aspects of economics, followed by original dissertation research that contributes to the fulfilment of degree requirements.

The department started its expedition with two faculty members on January 19th, 2012. At present, the Department has four faculty members and an intake capacity of 61 students each semester. The department boasts a well-stocked library, offering an extensive collection of books spanning various economics disciplines, and an air-conditioned Computer Lab, providing students with essential resources for research and study. Alumni of the Department have secured positions in undergraduate colleges and schools across West Bengal.

- Year of establishment: 2012
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Biswajit Maitra
M.A., M. Phil, Ph. D.
Associate Professor



Specialization:

- International Economics,
- Macro Economics,
- Econometrics

Published:

- **Journal Articles: 40;** **Book: 01;**
- **Book Chapters: 04**

Journal Articles:

1. **Maitra, B., & Ganguli, D.** (2024). Impacts of foreign and domestic investment on real exchange rates in India. *The Journal of International Trade & Economic Development*, 1–19. Taylor & Francis. <https://doi.org/10.1080/09638199.2024.2399613>
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2. Mukhopadhyay, C.K., & **Maitra, B.** (2009). Vector autoregression model for exchange rate – A study with impulse response function and variance decomposition. In A. Bhuimali & C.K. Mukhopadhyay (Eds.), *Economic issues in SAARC context* (pp. 200-223). Abhijit Publications. ISBN: 978-81-89886-69-1.
3. Mukhopadhyay, C.K., & **Maitra, B.** (2009). Fiscal synchronization in Maldives – A study with impulse response function and variance decomposition. In A. Bhuimali & C.K. Mukhopadhyay (Eds.), *Economic issues in SAARC context* (pp. 224-250). Abhijit Publications. ISBN: 978-81-89886-69-1.
4. Mukhopadhyay, C.K., & **Maitra, B.** (2008). Causal relationship between government revenue and government expenditure in India. In A. Bhuimali & C.K. Mukhopadhyay (Eds.), *SAARC perspective* (pp. 145-162). Serials Publications. ISBN: 978-81-8387-168-6.

Krishna Singh

**M.A., M.Phil., Ph.D.
Assistant Professor**

Specialization:

- Econometrics,
- Economics of Social Sector,
- Development Economics

Published:

- **Journal Articles: 20;** **Book Chapters: 07**



Journal Articles:

1. **Singh, K., & Sur, D.** (2022). Convergence of growth rate of profitability in Maharatna and selected Navratna companies in India. *International Journal of Business and Globalisation*, 31(3), 295-308. (Inderscience Publishers), ISSN. 1753-3635.
2. **Singh, K., Ghosh, R. K. & Sur, D.** (2022). Company Risk Measurement through Two-Stage Principal Component Analysis: A Study of Select FMCG Companies in India in the Post-Reform Period. *Research Bulletin*, 47 (3-4), 27-48, ISSN: 2230-9241.

3. **Singh, K., & Sur, D. (2022).** Relationship between Profitability and Advertising Expenditure: A Study of Selected Companies in Indian Manufacturing Sector. *Vidyasagar University Journal of Commerce*, 26, 1-17. ISSN: 0973-5917.
4. **Singh, K.(2021).** The extent of financial inclusion through MGNREGS: a district level analysis in West Bengal, India, *International Journal of Social Economics*, 48 (1), 121-139, (Emerald Publishing Limited), ISSN: 0306-8293.
5. Maity, S., &**Singh, K. (2021).** Frontier production functions, technical efficiency and panel data: with application to tea gardens in India. *Int. J. Business and Globalisation* Vol. 27 (4), 571–591.(Inderscience Publishers), ISSN. 1753-3635.
6. **Singh, K.,& Sur, D. (2020).** Analysing profitability and its determinants in Maharatna enterprises in India: a panel data approach, *Int. J. Business and Globalisation*, 25(3), 278 - 295. (Inderscience Publishers), ISSN. 1753-3635.
7. **Singh, K., & Datta, S. K. (2019)** Variation and determinants of financial inclusion and their association with human development: A cross-country analysis, *IIMB Management Review*,31(4), 336 - 349. (Elsevier), ISSN. 0970-3896.
8. Singh, K., & Datta, S. K. (2019). Female Participation in NREGA Programme: A Comparative Study of Two Backward Districts in West Bengal, India, *The Indian Journal of Labour Economics*, 62(3), 499-515. (Springer Publishers). ISSN. 0971-7927.
9. **Singh, K. & Sur, D. (2019).** Business Risk: A study on Indian Manufacturing Companies (2004-05 to 2017-18), *Indian Accounting Review*, 23(2), 12-24. ISSN. 0972-1754.
10. **Singh, K. & Datta, S. K. (2018).** Determinants of NREGS Participation and Perceived Livelihood Benefits: A Comparative Analysis of Two Backward Districts in West Bengal, *International Journal of Economics and Business Research*,16(1), 63-79. (Inderscience Publishers). ISSN. 1741-8135.
11. Datta, S. K., &**Singh, K. (2018).** Aspects of Inclusion and Peoples' Empowerment Related to National Rural Employment Guarantee Scheme in India, *International Journal of Public Administration*, 41(2), 83-94. (Taylor & Francis Group),ISSN. 1532-4265.
12. **Singh, K., & Sur, D. (2018).** Analyzing Company-specific Components of Business Risk in Selected Manufacturing Firms in Indian Corporate Sector, *International Journal of Risk Assessment and Management*, 21(4), 359-373. (Inderscience Publishers).ISSN. 1741-5241.
13. **Singh, K., & Sur, D. (2017).** Profitability and its Determinants across Maharatna Enterprises in India: A Panel Data Analysis, *FMU Journal of Management*. 5(1), 85-95. ISSN. 2320-8899.
14. Datta, S. K., &**Singh, K. (2016).** Determinants of NREGA Employment and its Distribution across Space and Time: An Inter-District Analysis of West Bengal in India, *International Journal of Economics and Business Research*, 12(3), 249-269. (Inderscience Publishers). ISSN. 1741-8135.
15. **Singh, K., & Sur, D. (2016).** Profitability of Maharatna Enterprises in India during the Post-liberalization Era: A Cross-Sectional Analysis, *International Journal of Management Concepts and Philosophy*, 9(3), 239-254. (Inderscience Publishers). ISSN. 1741-8135.

16. Datta, S. K., &**Singh, K.** (2016). Analysis of child deprivation in India: Focus on health and educational perspectives, *Economic Analysis and Policy*, 50, 120-130. (Elsevier). ISSN. 0313-5926.
17. Datta, S. K., &**Singh, K.** (2014). Participatory job demand and efficiency of performance of NREGS in rural asset creation: An analysis in the context of West Bengal, India, *Economic Analysis and Policy*, 44(), 74-84. (Elsevier). ISSN. 0313-5926.
18. Datta, S. K. &**Singh, K.** (2013). Determinants of Income Generation and Financial Performance through Self-Help Groups, *Journal of Social Service Research*, 40(1), 97-110. (Taylor & Francis Group), ISSN. 1540-7314.
19. Datta, S. K., &**Singh, K.** (2012) Women's Job Participation in and Efficiency of NREGA Program - Case Study of a Poor District in India, *International Journal of Public Administration* 35(7), 448-457. (Taylor & Francis Group), ISSN. 1532-4265.
20. Datta, S. K., &**Singh, K.** (2011) Livelihood Diversification: Case Study of Some Backward Regions in India, *International Journal of Current Research*, 3 (2), 139-151. ISSN. 0975-833X.

Book Chapters:

1. Senapati, T., Ghosh, A.R., **Singh, K.** & Samanta, P. (2023). Impacts of Low Carbon Economy in India: A Review. In R. C. Das (Ed.), *Economic, Environmental and Health Consequences of Conservation Capital*, (pp. 111-125). Springer Nature, ISBN. 978-981-99-4137-7.
2. Datta, S.K., &**Singh, K.** (2018). Child Deprivation in Indian Context: Concern about Health and Education Related Issues. In U.K. De, M. Pal & P. Baharati, (Eds.), *Issues on Health and Healthcare in India*, (pp. 213-), Springer Nature. ISBN. 978-981-10-6103-5.
3. **Singh, K.** (2017) Financial Inclusion through Regional Rural Banks in India: An Empirical Assessment. In Sk. Sirajuddin (Ed.), *Regional Rural Banks in India: Challenges and Prospects*, (pp. 57-66), Delta Book World. ISBN. 978-93-85719-03-5.
4. Datta, S.K., & **Singh, K.** (2016). Employment Generation and Status of Performance of NREGA Program-Focus on a Backward District in West Bengal. In S. Paul & S. Choudhury (Eds.), *Issues in Rural Livelihood*, (pp. 65-85), Progressive Publishers. ISSN. 978-81-8064-236-4.
5. Datta, S.K., &**Singh, K.** (2016). Rural Development Schemes in India: Need for a Unified Programme. In P. K Chattopadhyay (Eds.), *Essays on Indian Economic Problems*, (pp. 111-128), Renu Publishers. ISBN. 978-93-85502-07-1.
6. **Singh, K.**, & Datta, S. K. (2015). Determinants of Women Job Participation in MGNREGA Scheme - A Case Study of Burdwan District in West Bengal. In N. Tiwari (Ed.), *MGNREGA and Gender Equity*, Kanishka Publication. ISBN. 9788184576825.
7. Datta, S.K., &**Singh, K.** (2014). Job Participation in NREGA Programme and Perceived Livelihood Benefits: Case Study in Burdwan District in West Bengal. In S. K. Datta & P. K. Kuri (Eds.), *Rural Livelihood in India*, Serial Publications. ISBN. 978-81-8387-613-1.

Priyanta Ghosh

M.A., M. Phil., Ph. D.
Assistant Professor



Specialization:

- International Trade
- Econometrics
- Industrial Economics
- Economics of Education

Published:

- **Journal Articles: 06; Book: 01; Book Chapters: 03**

Journal Articles:

1. Sengupta, I., **Ghosh, P.** (2022). Intra-household Gender Disparity in Private Tuition: Evidence from West Bengal. *Indian Journal of Human Development*, 16 (2), 352-366, ISSN: 0973-7030 Sage, <https://doi.org/10.1177/09737030221123178>
2. Bose, S., **Ghosh, P.** and Sardana, A. (2020). Financing the Right to Education: Role of Fifteenth Finance Commission. (Special Article) *Economic and Political Weekly*, 55 (37), 44-52, ISSN: 2349-8846
3. Bose, S., **Ghosh, P.** and Sardana, A. (2019). What Does the Right to Education Need to Achieve. *Economic and Political Weekly (Engage)*, 54(18), ISSN: 2349-8846
4. Bose, S., Sardana, A. and **Ghosh, P.** (2018). Universalization of School Education Using the Public School System is Feasible. *Economic and Political Weekly (Engage)*, 53(44), ISSN: 2349-8846
5. Barua, A., Goldar, B., Sharma, H. and **Ghosh, P.** (2017). Do technological Conditions for Production Explain Industrial Growth? The Indian Manufacturing, 1998-99 to 2007-08. *Journal of Quantitative Economics*, 15 (3), 509-541, ISSN: 0971-1554 Springer, <https://doi.org/10.1007/s40953-016-0060-5>
6. Barua, A. and **Ghosh, P.** (2017). Factor specificity and wage inequality in a developing economy: The role of technology and trade in Indian Manufacturing. *International Review of Economics and Finance*, 52, 77-90, ISSN: 1059-0560, Elsevier, <https://doi.org/10.1016/j.iref.2017.09.007>

Book:

1. Bose, S., **Ghosh, P.** & Sardana, A. (2020). *RTE and the Resource Requirements: The Way Forward*. Bhopal: Eklavya Foundation. ISBN: 978-93-87926-42-4

Book Chapters:

1. **Ghosh, P.** and Sawhney, A. (2021). Does Past Performance in Home Market Affect Export Participation of New Exporters? Evidence from Indian Firms. In Lakhanpal (Eds.), *Trade, Investment and Economic Growth: Issues for India and Emerging Economies* (pp. 23-36). New Delhi: Springer. ISBN: 978-981-33-6972-6.
2. Bose, S. and **Ghosh, P.** (2021). Towards Equitable Financing. In NCE(Ed), *India: Civil Society Spotlight Report for HLPF 2020* (pp. 35-43), New Delhi: National Coalition of Education. ISBN: 978-621-95859-0-3.

3. Bose, S.; **Ghosh, P.** and Sardana, A. (2021). Inclusion and the Resource Question. In Yukti Sharma and Haneet Gandhi (Eds.), *Inclusion in Schools: Perspectives and Possibilities* (pp. 188-202), New Delhi: Shipra Publication. ISBN: 978-938-86-9182-6.

Subhajit Majumder

M.A., M.Phil., Ph.D.
Assistant Professor

Specialization:

- International Trade,
- Open Economy,
- Finance,
- Operation Research

Published:

- **Journal Articles: 05;** **Book Chapters: 03**



Journal Articles:

1. Karmakar, S., **Majumder, S.** and Mukhopadhyay, D. (2022). Indian Story of Balance of Payments, Investment and External Capital Flows, Since 1991. *Lessons Learnt from the Past for Planning rapid Growth: The Indian Economic Journal, Special Issue*, 277-282. ISSN: 0019-4662.
2. **Majumder, S.**, and Karmakar, A.K. (2021). The Effect of Remittances on India's Gross Domestic Savings: Issues and Evidence. *Vidyasagar University Journal of Economics*, XXVI, 90-100, ISSN: 0975-8003.
3. **Majumder, S.**, and Karmakar, A.K. (2019). Diaspora Remittances Inflow from Migrants and India's Industrialization: Is There any Nexus?. *Artha Beekshan Journal of Bangiya Arthaniti Parishad*, 28(3), 95-106, ISSN 0972-1185.
4. Das, S., & **Majumder, S.** (2019). Determination of Workplace Stress among Health Care Professionals in Kolkata- An Empirical Study. *Management Mirror Journal of Institute of Business Management (Affiliated to Jadavpur University)*, 11(1), 2-10, ISSN: 2339-0099.
5. **Majumder, S.** (2018). An Empirical Analysis of Remittance – Inflation Relationship Evidence from India. *International Research Journal of Commerce, Arts and Science*, 9(4), 100-114, ISSN 2319 – 9202.

Book Chapters:

1. **Majumder, S.** (2022). The Influence of Foreign Direct Investment on the Industrial Growth in India: An Empirical Study. In Subrata Kumar Ray & Shyamalendu Chatterjee (Eds.), *Transformation of the Indian Economy Issues and Policies*. New Delhi: Serial Publication. ISBN: 978-93-91844-12-7.
2. Karmakar, S., & **Majumder, S.** (2019). Monetary Policy in a Global Economy and the Indian Overall Experience (Chapter 25). In Ramesh Chandra Das (Ed.), *The Impacts of Monetary*

Policy in the 21st Century (pp. 339-350), UK: Emerald Publishing. ISBN: 978-1-78973-320-4.

3. **Majumder, S., & Karmakar, A.K.** (2016). Migrant Labourers and Remittances Flow to India (Chapter 7). In Kanak Kanti Bagchi (Ed.), *International Migration of Labour Nature, Trends, Determinants and Consequences* (pp. 153-191), New Delhi: Abhijeet Publication. ISBN: 978-93-5074-193-1.

1.5 Department of English

The Department of English is one of the premier departments of the University. The department is supported by a committed team of professors who aim to effectively deliver a course in English, which is renowned for uniformly maintaining its standards of academic excellence over the years. The Department offers M.A. and Ph.D. programmes in English. The syllabi of the courses cover a wide range of texts, authors, movements, literary trends, theories, and schools of criticism. The final semester of the post-graduate programme offers courses in specialized areas. Teaching strategies include lecture methods, audio-visual techniques, student seminars, term papers, and class discussions. At present, the Department of English operates with four full-time faculty members. The intake capacity of the department for its postgraduate course is 122.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Amit Bhattacharya

M.A., Ph.D.

Professor



Specialization:

- Post-colonial studies,
- Intersectionality studies,
- Trauma studies,
- Spatiality studies

Published:

- **Journal Articles: 19;** **Book Chapters: 14**

Journal Articles:

1. **Bhattacharya, A.** (2024). The creative journey is all about conquering new frontiers: In conversation with Kaiser Haq. *Asiatic*, 18(1), 114-134. <https://doi.org/10.31436/asiatic.v18i1>.
2. **Bhattacharya, A.** (2019). Landscape mythicized: Placing selected poems of Agha Shahid Ali. *Crossings: A Journal of English Studies*, 10, 25-39. ISSN: 2071-1107.
3. **Bhattacharya, A.** (2018). Indicting inequity: The issue of class in two Hollywood films and their Bengali film adaptations. *Journal of People's History and Culture: International Interdisciplinary Social Science Journal*, 4(1-2), 49-64. ISSN: 2395-7379.

4. **Bhattacharya, A.** (2016). A tryst with nothing: Time and identity in Djuna Burnes's *Nightwood*. *Indian Journal of Research in Multidisciplinary Studies*, 3(1), 26-32. ISSN: 2348-2524.
5. **Bhattacharya, A.** (2015-2016). Institutionalized: Prisons and prisoners in Marsha Norman's *Getting Out*. *Margins: A Journal of Literature and Culture*, 5-6, 90-105. ISSN: 2250-0731.
6. **Bhattacharya, A.** (2014). Speciesism and beyond: A(n) eco-zoocritical study of selected poems of D.H. Lawrence and Ted Hughes. *Dialogic Space: Peer-Reviewed Bilingual Literary Journal of Khalisani Mahavidyalaya*, 3, 11-26. ISSN: 2347-8195.
7. **Bhattacharya, A.** (2012). Kamala Das: A voice of the indigent strata. *Appropriations: A Refereed Journal of the Department of English*, 8, 11-26. Bankura Christian College. ISSN: 0975-1521.
8. **Bhattacharya, A.** (2012). Damned for difference: Re-reading Kamala Das's critique of racism. *Lapis Lazuli: An International Literary Journal*, II(I). ISSN: 2249-4529.
9. **Bhattacharya, A.** (2011). The lure and the lag: Intra-lingual translation in three women's texts. *Margins: A Journal of Literature and Culture*, 1(1), 164-183. The Department of English, Guwahati University. ISSN: 2250-0731.
10. **Bhattacharya, A.** (2011). Towards a postmodern poetics: Reading Elizabeth Bishop's *Reccy* of realities. *Rupkatha Journal on Interdisciplinary Studies in Humanities*, 3(2), 339-354. ISSN: 0975-2935.
11. **Bhattacharya, A.** (2011). Unclaimed and unredeemed: Gender, marginality and Kamala Das's poetics of resistance. *Artha Journal of Social Sciences*, 10(2), 1-20. Christ University. ISSN: 0975-329X.
12. **Bhattacharya, A.** (2011). Aesthetics of equality: Re-reading Kamala Das's poetry. *Literature and Criticism: The Journal of the Literary Society of India*, 7, 48-55. Books Way. ISSN: 0974-6021.
13. **Bhattacharya, A.** (2011). Going B(l)ack: Contextualizing Beneatha's choice to 'return' in Lorraine Hansberry's *A Raisin in the Sun*. *Appropriations: Peer Reviewed Journal of the Department of English*, 7, 11-20. Bankura Christian College. ISSN: 0975-1521.
14. **Bhattacharya, A.** (2010). Poetry as autogynography: A (con) textual study of Kamala Das's "An Introduction". *Appropriations*, VI, 26-44. Department of English, Bankura Christian College. ISSN: 0975-1521.
15. **Bhattacharya, A.** (2010). Others talk through my mouth today: Re-reading the Dalit issue in Kamala Das's poetry. *Wesleyan Journal of Research*, 1(1), 88-95. ISSN: 0975-1386.
16. **Bhattacharya, A.** (2010). Re-deeming the female: Spirituality, sexuality, and subversion in *The Lady of Shallot and Goblin Market*. *Salesian Journal of Humanities & Social Sciences*, 1(1), 21-43. <https://doi.org/10.51818/SJHSS.01.2010.21-43>. ISSN: 0976-1861.
17. **Bhattacharya, A.** (2009). "Only our father's" lunacy speaking: Re-reading Kamala Das's poetic negotiations with religious fanaticism. *Appropriations: Journal of the Department of English*, 5, 11-18. Bankura Christian College. ISSN: 0975-1521.
18. **Bhattacharya, A.** (2009). Eternal spirit of the chainless mind: A reading of *The Old Man and the Sea*. *The Atlantic Literary Review (Quarterly)*, 10(1), 33-45. Atlantic Publishers & Distributors Pvt. Ltd. ISSN: 0972-3269.
19. **Bhattacharya, A.** (2008). The poetics of resistance: A new perspective on the poetry of Kamala Das. *Critical Practice: A Journal of Critical and Literary Studies*, XV, 18-45. ISSN: 0972-4230.

Book Chapters:

1. **Bhattacharya, A.** (2024). Dalit literature: Its elements of art and its aesthetics (Translation of Achintya Biswas's essay "*Dalita Sahitya: ShilpoUpokoron o Nandantatya*"). In A. Biswas & S. B. Sarkar (Eds.), *Dalit Prose from Bengal in English Translation* (pp. 45-71). Kindle Direct Publishing. ISBN: 9798332479533.
2. **Bhattacharya, A.** (2024). Hosain, Attia (1913-1998). In M. Jaidka & T. N. Dhar (Eds.), *The Routledge Encyclopedia of Indian Writing in English* (pp. 177-178). Routledge. <https://doi.org/10.4324/9781003279273>. ISBN: 978-1-032-24557-7 (hbk).
3. **Bhattacharya, A.** (2024). Mohanty, Niranjana (1953-2008). In M. Jaidka & T. N. Dhar (Eds.), *The Routledge Encyclopedia of Indian Writing in English* (pp. 277-278). Routledge. <https://doi.org/10.4324/9781003279273>. ISBN: 978-1-032-24557-7 (hbk).
4. **Bhattacharya, A.** (2019). In your memory (Translation of Manohar Mouli Biswas's poem "*TomakeSmaroneRekhe*"). In A. Biswas & S. B. Sarkar (Eds.), *Dalit Poems, Songs and Dialogues from Bengal in English Translation* (pp. 199). Ababil Books. ISBN: 978-81-939392-3-9.
5. **Bhattacharya, A.** (2019). On Chandini being a teacher (Translation of Pushpajit Ray's poem "*Chandini-r Mastery Hole*"). In A. Biswas & S. B. Sarkar (Eds.), *Dalit Poems, Songs and Dialogues from Bengal in English Translation* (pp. 199). Ababil Books. ISBN: 978-81-939392-3-9.
6. **Bhattacharya, A.** (2019). Time bombs in a time machine: Modern mythopoeia in Poile Sengupta's *Thus Spake Shoorpanakha, So Said Shakuni*. In A. K. Sinha (Ed.), *Contemporary Indian English Poetry and Drama: Changing Canons and Responses* (pp. 195-208). Cambridge Scholars Publishing. ISBN: 978-1-5275-3322-6.
7. **Bhattacharya, A.** (2012). From chronicle to critique: Agency as Kamala Das's poetic act. In S. Majumdar (Ed.), *Critical Essays: Golden Jubilee Volume* (pp. 31-43). University of Kalyani. ISBN: 978-81-901525-3-2.
8. **Bhattacharya, A.** (2012). Potent fragments and fragmented potency: 'The personal' and 'the poetic' in Kamala Das's *Composition*. In A. M. Nawale (Ed.), *Ethics and Identity in Contemporary Indo-English Poetry* (pp. 267-277). Authorspress. ISBN: 978-81-7273-654-5.
9. **Bhattacharya, A.** (2012). Re-membering selves: Being and writing in R.K. Narayan's *My Days*. In R.-J. Frontain & B. Chakraborti (Eds.), *A Talent for the Particular: Critical Essays on R.K. Narayan* (pp. 273-290). Worldview Publications. ISBN: 978-81-920651-6-8.
10. **Bhattacharya, A.** (2011). "I'm here": Shadowing Celie from isolation to integration in Alice Walker's *Color Purple*. In K. Datta (Ed.), *New Literatures in English: Fresh Perspectives* (pp. 220-232). The Book World. ISBN: 978-81-909991-6-8.
11. **Bhattacharya, A.** (2011). The fair world: Re-reading Kamala Das's critique of chromatism. In A. M. Nawale (Ed.), *Rhyming with Reasons: Critical Essays on Indian English Poetry* (pp. 116-139). Access. ISBN: 978-81-921254-4-2.
12. **Bhattacharya, A.** (2010). A displaced generation: Re-reading Kamala Das's treatment of old age. In A. M. Nawale (Ed.), *Critical essays on Indian English poetry and drama: Texts and contexts* (pp. 120-143). Authorspress. ISBN: 978-81-7273-562-3.
13. **Bhattacharya, A.** (2009). A certain defect in the blood: Re-reading Kamala Das's *Colombo Chronicles*. In A. Rahman & A. K. Ansari (Eds.), *Indian English Women Poets* (pp. 194-218). Creative Books. ISBN: 81-8043-063-4.

14. **Bhattacharya, A.** (2008). Constrictive culture: Constructive identity: The dialogic of Kamala Das's poetry. In K. Dutta (Ed.), *Indo-Anglian Literature: Past to Present* (pp. 188-211). Books Way. ISBN: 81-89293-35-4.

Bibek Adhikary
M.A., Ph.D.
Assistant Professor



Specialization:

- American Literature,
- Post-war British Fiction

Published:

- **Journal Articles: 14.**

Journal Articles:

1. Das, J., & **Adhikary, B.** (2024). Storied memories: Gendering Dalit memories in Urmila Pawar's *The Weave of My Life*. *Journal of Gender Studies*, 33(6), 764–776. <https://doi.org/10.1080/09589236.2023.2300417>
2. **Adhikary, B.** (2023). Surveilled but silenced?: A fresh look at Offred's silence in Margaret Atwood's *The Handmaid's Tale*. *Drishti: The Sight*, 11(2).
3. Das, J., & **Adhikary, B.** (2023). Book review: Raj Kumar, *Dalit Literature and Criticism. Contemporary Voice of Dalit*. <https://doi.org/10.1177/2455328x231176473>
4. Das, J., & **Adhikary, B.** (2023). Portraying the Dalits: Review of the book *Contested Representation* by D. Rai. *Media Asia*, 51(4), 671–674. <https://doi.org/10.1080/01296612.2023.2247638>
5. **Adhikary, B.** (2022). Textus mundi: Intertextual memory in Margaret Atwood's "My Last Duchess". *New Academia: An International Journal of English Language, Literature and Literary Theory*, 11(1).
6. **Adhikary, B.** (2022). Canon is written back: Mythological intertextuality and gender in Michele Roberts's "Anger". *Drishti: The Sight*, 10(1).
7. **Adhikary, B.** (2019). "Travel the road": Shamanism and shamanic identity in *Into the Hidden Valley* and *The Legends of Pensam*. *Working Papers on Linguistics and Literature*, XIII(1).
8. **Adhikary, B.** (2020). "'The Centre can't Hold': W. B. Yeats's "The Second Coming" and the Iraq War". *Pragati's English Journal*, 20(1).
9. **Adhikary, B.** (2019). Rationalizing the irrational: Ionesco's absurdist vision in *The Chairs*. *New Academia: An International Journal of English Language, Literature and Literary Theory*, 8(2).
10. **Adhikary, B.** (2018). A story of (be)longing: (Dis)placement and (re)formation of Santhal identity as community in the Dooars. *Himalayan Journal of Contemporary Research*, 7(1).
11. **Adhikary, B.** (2018). The politics of the gaze: Othering Vietnam and the Viet Minh in Elizabeth Bishop's "12 O'Clock News". *Literary Insight*, 9(2).
12. **Adhikary, B.** (2018). Man, woman and the wild: An ecocritical reading of Kira Salak's *The White Mary*. *English Studies in India: A Refereed Journal of English Literature and Language*, 26.

13. **Adhikary, B.** (2017). Measuring the mirror/ Mirroring the measure: Interpreting heterotopia in Oscar Wilde's *The Picture of Dorian Gray*. *Appropriations*, 12.
14. **Adhikary, B.** (2016). Moored to memories: A re-reading of Mamang Dai's *The Legends of Pensam*. *Appropriations*, 11.

Sabuj Sarkar
M.A.
Assistant Professor



Specialization:

- American Literature
- Queer Studies
- Gender Studies
- Literature and Folklore

Published:

- **Journal Articles: 14;** **Books: 02;** **Book Chapters: 28**

Journal Articles:

1. **Sarkar, S.** (2023). Sipping the cup on wheels: Contextualizing tea and Indian railway in select tea narratives. *Erothanatos*, 7(4).
2. **Sarkar, S.** (2023). A drop of tea: Exploring tea narratives in select writings of Rabindranath Tagore. *Literary Cognizance*, 4(1).
3. **Sarkar, S.** (2023). A country within a country: Reflections on society and culture in select tea memoirs. *Purogamisahityo*, 1(1).
4. **Sarkar, S.** (2022). No response is a response: Interrogating silence and woman question in select Indian tea narratives. *Journal of Women Studies*, 9.
5. **Sarkar, S.** (2021). A viridescent voyage: The journey of tea in India through posters. *Dialog*, 38.
6. **Sarkar, S.** (2020). And find your grace in health: Pandemic, disease, and hygiene in Shakespeare's England. *Yearly Shakespeare*, 18(8).
7. **Sarkar, S., & Barman, A.** (2019). A study of the horror in the select poems of John Keats. *Erothanatos*, 3(4).
8. **Sarkar, S.** (2019).Jirnopatajhorar belay: Rabindranath o sheetkal. *Mancha Ekushe*, 18.
9. **Sarkar, S.** (2019). Bob Dylan: Jibon o dorshoneranusondhane. *Uttar Riti*, 8(1-2).
10. **Sarkar, S.** (2019).Dushobachor o periye fire dekha: Byekti Vidyasagar, raage-anuraage. *Mukteswari*, 2(2).
11. **Sarkar, S.,& Sarkar, G.** (2018). Inescapable alienation: Re-reading human relationships in select novels of R.K. Narayan. *Journal of Research in Humanities and Social Science*.
12. **Sarkar, S.,& Sarkar, G.** (2018). The sky grows lonelier with cloudlessness: An exploration of alienation in the select poems of Jayanta Mahapatra. *Indian Journal of Multidisciplinary Academic Research*, 5(1).

13. **Sarkar, S.,** & Barman, M. (2018). Tribal wall art and paintings of Malda and South Dinajpur: A socio-cultural study. *The Chitrolekha Journal on Art and Design*, 2(2).
14. **Sarkar, S.,** & Haque, A. (2018). The home and identity: A postcolonial journey in the poems of Meena Alexander. *International Journal of Language and Linguistics*, 5(3).

Books:

1. **Sarkar, S.** (Ed.). (2022). *The Rover: Aphra Behn: Text and criticism*. Ababil Books. ISBN: 978-93-91449-10-0.
2. **Sarkar, S.** (Ed.). (2019). *Selected Indian short stories: Critical approaches*. Booksway. ISBN: 978-93-5225-121-6.

Book Chapters:

1. **Sarkar, S.** (2023). Sagor Sencha Mukto: VidyasagarerEngrejiTheke Bangla Anubad. In Dr. Madhu Mitra (Ed.), *Dhuti ChadorerSpardha Ebong Vidyasagar*. Basabhumiprakashan. ISBN: 978-81-962168-2-5.
2. **Sarkar, S.,** & Yadav, A. (2022). Digital Yoga: Re-reading Yoga Education from Past to the Present. In A. Sayeed Miah & P. Debnath (Eds.), *Yoga Education: Its Aspects and Issues*. ABS Books. ISBN: 978-81-951369-7-1.
3. **Sarkar, S.,** & Sarkar, G. (2022). (Mis)Representation of Muslims: A Critical Survey of Contemporary Bengali Cinema. In M. S. Nawab & A. Khatun (Eds.), *Muslims in Indian Cinema*. Authorspress. ISBN: 978-93-5529-097-7.
4. **Sarkar, S.** (2021). Legends and Rumours of Malda: A Multifaceted Journey. In K. C. Sutradhar (Ed.), *Bicentennial Commemoration Volume of Malda District (1813-2013): A Study on the Society, Economy, Culture, and Politics Vol-1*. Kunal Books. ISBN: 9789391908249.
5. **Sarkar, S.** (2020). Healing Is a Matter of Time: Covid-19 and the Psycho-Social Conditions of Health in India. In R. Borah (Ed.), *Impact of Covid-19 on Indian Society: Challenges and Opportunities*. Balaji Publications. ISBN: 978-93-85756-99-3.
6. **Sarkar, S.,** & Barman, A. (2020). Digital Empowerment: Possibilities, Perceptions, and Performances in India. In N. Hamid & S. Patil (Eds.), *The Impact of Digitalization on Indian Economy: An Economic View*. Serial Publishing House. ISBN: 978-93-88020-81-7.
7. **Sarkar, S.,** & Akram, W. (2020). Frightened Order: Questioning Women and Marginality in Girish Karnad's *Fire and the Rain* and Manjula Padmanabhan's *Lights Out*. In G. Khobragade (Ed.), *Women Empowerment: Challenges and Strategies*. Books Clinic Publishing. ISBN: 978-81-943829-2-8.
8. **Sarkar, S.** (2020). Legends to Legislation: Re-reading Kautilya and *Arthashastra*. In B. Sarkar (Ed.), *Indian Political Thought Selected Thinkers*. Anu Books. ISBN: 978-93-90115-18-1.
9. **Sarkar, S.** (2020). A Stranger on the Riverbank: A Study of Women in Exile in Aphra Behn's *Oroonoko*. In S. Sarkar (Ed.), *A New Critical Edition and Response to Aphra Behn's Oroonoko*. Authors Press. ISBN: 9789390459131.

10. **Sarkar, S.,** & Barman, A. (2020). Transgression and Retribution: A Reading of Arundhati Roy's *The God of Small Things* and Samaresh Basu's *Prajapati*. In T. Kundu & S. Mahalanabis (Eds.), *Off the Line: Transgression and its Representation in Literature and Culture*. Atlantic. ISBN: 978-81-269-3112-5.
11. **Sarkar, S.,** & Haque, A. (2019). Empowerment and Social Status of Women: A Study of Select Poems of Zeb-Un-Nissa and Meena Kandasamy. In P. K. Singh & A. Bhowmick (Eds.), *Reflections on Gender: Mapping the Territory*. Delton Publishing House. ISBN: 978-93-87631-22-9.
12. **Sarkar, S.,** & Yadav, A. (2019). Educating Secret Sciences: Popular Superstitions in India. In R. Neogy, A. K. Banerjee, & S. Banerjee (Eds.), *National Development: Emerging Issues*. Kalyani Foundation for Media Science and Community Research. ISBN: 9788193843932.
13. **Sarkar, S.,** & Pervin, S. (2019). Homeless Cats: Women and Marginality in Khaled Hosseini's *A Thousand Splendid Suns*. In G. Khobragade (Ed.), *Rights of the Marginalized: A Perspective*. Subham Publications. ISBN: 978-93-83144-53-2.
14. **Sarkar, S.,** & Barman, A. (2019). Enlightening Pristine Nothingness: A Study of the Subaltern in Tagore's *Red Oleanders* and *Kaler Jatra*. In K. V. Satish & S. S. Kanade (Eds.), *Indian English Drama: Critical Elucidations*. Vishwabharati Research Centre. ISBN: 978-93-9264-03-6.
15. **Sarkar, S.,** & Islam, N. (2019). Darkness of Dungeon: Dalit's Again *The God of Small Things* and *Titas Ekti Nadir Naam*. In K. V. Satish & S. S. Kanade (Eds.), *Dalit Literature: Past, Present, and Future*. Visva Bharati Research Centre. ISBN: 978-93-87966-98-7.
16. **Sarkar, S.,** & Pervin, F. (2019). Uncommon Paths: A Study of Mala Kumar's *The Path of Marriage* as a Lesbian Text. In D. Giri (Ed.), *Homosexuality in Contemporary Indian Literature: Issues and Challenges*. AABS Publishing House. ISBN: 978-93-88963-01-5.
17. **Sarkar, S.,** & Barman, A. (2019). The Policy of Exclusion: In Search of Marginal Voices in Rushdie's *Midnight's Children*. In S. Chelliah & B. Singh (Eds.), *A Paradigm of Marginality: A Critical Assessment*. Kalpaz Publications. ISBN: 978-93-5324-086-8.
18. **Sarkar, S.** (2019). 'The Two Lady Rams': Views and Perspectives. In S. Sarkar, B. Das, & G. Sarkar (Eds.), *Selected Indian Short Stories: Critical Approaches*. Booksway. ISBN: 976-93-5225-121-6.
19. **Sarkar, S.** (2019). Digital Food: Past, Present, and Future. In A. Chattopadhyay & T. Majumder (Eds.), *Digitalization: The Global Force Breaking All the Trends*. Crescent Publishing Corporation. ISBN: 978-93-87537-34-7.
20. **Sarkar, S.,** & Barman, A. (2019). Enlightening Pristine Nothingness: A Study of the Subaltern in Tagore's *Red Oleanders* and *Kaler Jatra*. In *Indian English Drama: Critical Elucidations*. ISBN: 978-93-8926-4036.
21. **Sarkar, S.** (2018). Changing Patterns of Social and Cultural Behaviours: A Study of R. K. Narayan's *Swami and Friends*. In G. Sarkar & S. Sarkar (Eds.), *Samaj O Lokasanskriti*. Books Heaven Publications. ISBN: 978-81-930760-8-8.
22. **Sarkar, S.** (2017). Alo-Andhar, SopnerJadughar: JyotirindraNandirChhotogolpo. In A. C. Karmakar (Ed.), *Jyotirindra Nandi: Galper Andarmahal*. Bangiya Sahitya Samsad. ISBN: 978-93-85131-04-2.

23. **Sarkar, S.** (2015). Salman Rushdie: *Haroun and the Sea of Stories*. In H. Lahiri & A. K. Sinha (Eds.), *Netaji Subhas Open University Study Material EEG*.
24. **Sarkar, S.** (2015). Gendered Time: Indian Woman and the Struggle for a Time of Her Own. In *Women's Empowerment or Power Equality: A Challenge to 21st Century India*. Seminar Proceedings, organized by Centre for Women's Studies, University of Kalyani. Rita Publication. ISBN: 978-93-82229-96-4.
25. **Sarkar, S.** (2015). Fiery Speech and Humane Heart: Study of Vivekananda's Prose as an Existential Panacea. In P. K. Bhattacharjee (Ed.), *Bishay O Sailir Aloke Gadyashilpi Vivekananda*. Sangbedan. ISBN: 978-81-928049-6-5.
26. **Sarkar, S.** (2015). In the Shadow of Your Wings. In S. K. Mahapatra (Ed.), *The Representation of Women in English Literature*. Kalpaz Publications. ISBN: 9351280780, 9789351280781.
27. **Sarkar, S.** (2014). Saratchandrer 'Ponditmasai' Uponnyase Jatived O Vedere Rajniti: Ekti Porjalochona. In D. Biswas & S. C. Das (Eds.), *Panditmasai Biparjayer Barnamal*. Pragma Bikash. ISBN: 978-93-83016-35-8.
28. **Sarkar, S.** (2013). My School O Rabindra Darshan. In D. Bhowmik & A. Paul (Eds.), *Shikhaborti Rabindranath Darshon ON Bhasavabna*. ISBN: 978-81-7572-348-1.

Samipendra Banerjee

**M.A., M. Phil., Ph.D.
Associate Professor**

Specialization:

- Indian Drama in English
- Theatre and Performance Studies
- Gender and Sexuality Studies

Published:

- **Journal Articles: 13;** **Book Chapters: 05**



Journal Articles:

1. **Banerjee, S.** (2023). Editorial. *The Thespian Magazine*, 11(17-22). ISSN: 2321-4805.
2. **Banerjee, S.** (2021). The gender-inclusive space of Tokyo Olympics 2020: A follow-through. *Café Dissensus Everyday*. ISSN: 2373-177X.
3. **Banerjee, S., & Parial, S.** (2020). Decanonizing cultural myths: A reading of Sanjukta Dasgupta's *Lakshmi Unbound: A Soliloquy*. *Litinfinitive*, 2(1). ISSN: 2582-0400.
4. **Banerjee, S.** (2020). English theatre in colonial Calcutta: The case of Mrs. Esther Leach. *Litinfinitive*, 1(2). ISSN: 2582-0400.
5. **Banerjee, S.** (2019). Brecht, theatre and text: The afterlives of *The Good Person of Szechwan*. *Journal of Literature, Language and Culture (Journal of the Dept. of English, Assam University, Silchar)*, 2. ISSN: 2348-652X.

6. **Banerjee, S.** (2018). Watching violence: Constructions of femininity in Manuja Padmanabhan's *Lights Out*. *Literary Insight*, 9. ISSN: 0975-6248.
7. **Banerjee, S.** (2017). "The world is my family": Reading globalization, postnation, and India in a short film. *Impressions*, 11(2). ISSN: 0974-892X.
8. **Banerjee, S.** (2017). IPTA and national identity: History, theatre, and a culture of touring. *The Literary Herald*, 3(2). ISSN: 2454-3365.
9. **Banerjee, S.** (2017). The politics of sub-nationalism: Re-reading Asif Currimbhoy's *Goa*. *Appropriations (Journal of Bankura Christian College)*, 11. ISSN: 0975-1521.
10. **Banerjee, S.** (2017). Revisiting limits: Theatre, genre, and performance in Meyerhold and Brecht. *The Criterion: An International Journal in English*, 8(2). ISSN: 0976-3165.
11. **Banerjee, S.** (2014). Gender, identity and contemporary India: A view through two plays by Mahesh Dattani. *Journal of Contemporary Drama in English*, 2(2). ISSN: 0301-3294.
12. **Banerjee, S.** (2013). Ravaged bodies, embodied performance: Performativity in Dattani's *Brief Candle*. *Rupkatha Journal on Interdisciplinary Studies in Humanities*, 5(2). ISSN: 0975-2935.
13. **Banerjee, S.** (2004). Brecht and Artaud: The intercultural experience. *Symposium*, 3(2).

Book Chapters:

1. **Banerjee, S.** (2022). Towards a postcolonial urban folk theatre: A reading of *Debi Sarpamasta*. In A. N. Goswami & A. Singh (Eds.), *Evolution of tradition: Interrogating transformations in traditional folk performing arts*. HP Hamilton. ISBN 978-19-13936-25-9
2. **Banerjee, S.** (2021). Stay home, stay safe: The politics of space/place during COVID-19. In A. N. Goswami (Ed.), *Lives and living: Learning to know at the time of pandemic*. Terracotta. ISBN 978-93-85663-49-2
3. **Banerjee, S.** (2015). *Streer Patra: Fire dekha*. In B. Chakraborty (Ed.), *Sabuj patre Rabindra chotogolper nana porjalochona*. Gronthobikash. ISBN 978-93-83018-40-6
4. **Banerjee, S.** (2013). Women, gender, and India: Reading Dattani's *Bravely Fought the Queen*. In A. Konar (Ed.), *Discourses on Indian drama in English*. Aveneel Press. ISBN 978-93-80761-32-9
5. **Banerjee, S.** (2011). History through modernity: An analysis of *Final Solutions*. In K. Chakraborty (Ed.), *Indian drama in English*. PHI Learning. ISBN 978-81-203-4289-7

1.6 Department of History

Department of History started its journey in 2008 with two faculty members. At present, M.A. and Ph.D. programmes are running parallelly. This department takes the responsible role in disseminating valuable historical knowledge of Gour Banga along with the scheduled course curriculum. During this period, the department has successfully conducted international seminars on the History of Modern Bengal. The Department took the initiative in promoting the history of this region and conducted a series of lectures on relevant issues. The students of the Department made their mark in different co-curricular activities, including sports and cultural programmes.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Chhawang Subba
M.A., Ph.D.
Assistant Professor



Specialization:

- Medieval Indian History

Published:

- **Journal Articles: 15; Books: 03; Book Chapters: 03**
- **Book Review in Journals: 01**

Journal Articles:

1. **Subba, C.** (2024). Conceptualizing globalization in the context of the diversified cultural dimensions of North-East Indian states. *Journal of Historical Studies and Research*, 3(1), ISSN: 2583-0198.
2. **Subba, C.** (2023). The language issue and the Bengali Muslims through the ages. *Journal of Historical Studies and Research*, 2(3), 102-112. ISSN: 2583-0198.
3. **Subba, C.** (2023). The Limbu tribe and the significance of kinship and clan in marriages. *International Journal of History*, 4(2), 209-211. ISSN: 2706-9117.
4. **Subba, C.** (2022). Dr. Shyama Prasad Mukherjee and the role of Bharatiya Jana Sangh in Indian politics. *International Journal of Creative Research Thoughts*, 10(6), 569-573. ISSN: 2320-2882.
5. **Subba, C.** (2022). Universalism and Swami Vivekananda. *International Journal of Humanities Social Science and Management*, 3(4), 23-26. ISSN: ISO 9001.
6. **Subba, C.** (2022). Communalism and the rise and evolution of Muslim intelligentsia in Bengal: 1870s-1930s. *International Journal of Creative Research Thoughts*, 10(8), 716-724. ISSN: 2320-2882.
7. **Subba, C.** (2022). The Lahore Resolution of 1940 and its impacts on the Muslim League policy. *International Journal of Research and Analytical Reviews*, 9(2), 949-953. ISSN: 2349-5138.
8. **Subba, C.** (2022). The Great Calcutta Killings of 1946: Its historical significance. *International Journal of Novel Research and Development*, 7(5), 409-413. ISSN: 2456-4184.

9. **Subba, C.** (2022). The Treaty of Sugauli, 1815 and its historical significance. *Journal of Historical Studies and Research*, 2(1), 24-31. ISSN: 2583-0198.
10. **Subba, C.** (2020). United Bengal Scheme and the partition of India. *Journal of People's History and Culture*, 6(2), 63-68. ISSN: 2395-7379.
11. **Subba, C.** (2019). The rise of Muslim intellectual class in Bengal (late 19th to early 20th century). *Asia Pacific Journal of Research*, 5(3), 1-4. ISSN: 2320-5504.
12. **Subba, C.** (2019). The twentieth-century Bengali Muslim thought and society: A historical perspective. *Journal of People's History and Culture*, 5(1), 21-29. ISSN: 2396-7379.
13. **Subba, C.** (2018). Ideas of Pakistan and the response of Muslim intellectuals in Bengal. *CLIO: An Annual Interdisciplinary Journal of History*, 4(2), 158-163. ISSN: 0976-075X.
14. **Subba, C.** (2014). History of Darjeeling till the grant of Darjeeling to Company (1835). *Gangarampur College Academic Series*, 1(1), 33-39. ISSN: 2349-7629.
15. **Subba, C.** (n.d.). Marginalization of tribes (with reference to North Bengal): Reason behind their marginalization. *Gangarampur College Academic Series*, 2(1). ISSN: 2349-7629.

Books:

1. **Subba, C.** (2023). *Muslim Intellectualism and the Political Culture in Bengal: 1930s-1960s*. Abhijeet Publications, New Delhi, ISBN: 9789392816802.
2. **Subba, C., Khatun, H., Mahato, Nirmal.** (2019). *Gender, Identity and Politics: Some Historical Perspective (ed)*. Abhijeet Publications, New Delhi, ISBN: 978-81-938425-8-4.
3. **Subba, C., Khatun, H., Mahato, Nirmal.** (2019). *Rebooting Science and Technology in Eastern India (ed)*. Abhijeet Publications, New Delhi, ISBN: 978-81-938425-9-1.

Book Chapters:

1. **Subba, C.** (2022). Role of the Christian missionaries for the development of education in Darjeeling Hills. In **K. Sutradhar & A. Roy (Eds.)**, *Changing scenario of education in Bengal (From colonial to post-colonial phase)* (pp. 155-161). Abhijeet Publications. ISBN: 978-93-92816-18-5
2. **Subba, C.** (2019). Quest for modernity of Bengali Muslims (late 19th and early 20th century). In **H. Khatun & N. Mahato (Eds.)**, *Gender, identity and politics: Some historical perspectives* (pp. 168-179). Abhijeet Publications. ISBN: 978-81-938425-8-4
3. **Subba, C.** (2013). Rural outmigration—Causes, problems and prospects. In **G. Sharma & N. Islam (Eds.)**, *Issues of social exclusion and development in India* (pp. 184-198). ISBN: 978-81-926968-1-2

Book Review in Journals:

1. **Subba, C.** (2016). [Gorkhaland: Crisis of Statehood by Romit Bagchi]. *Journal of People's History and Culture*, ISSN: 2396-7379.

Hosnara Khatun

M.A., M.Phil., Ph.D.
Associate Professor



Specialization:

- Economic and Social History of Modern India

Published:

- **Journal Articles: 09; Books: 04; Book Chapters: 02**
- **Conference/Seminar Proceeding: 01**

Journal Articles:

1. **Khatun, H., & Haque, Md. N.** (2022). Gendering caste and religion among Muslims in post-independent India: An intersectionality approach. *Rabindra Bharati Journal of Philosophy*, 23(3), 173-177. ISSN 0973-0087
2. **Khatun, H.** (2018). Religion, patriarchy and women in Indian society. *International Journal of Humanities and Social Science Research*, 4(5), 48-51. ISSN 2455-2070.
3. **Khatun, H.** (2018). Tibetan trade and trading community in Darjeeling. *Review of Research*, 8(1), 85-90. ISSN 2249-894X.
4. **Khatun, H., & Haque, Md. N.** (2018). Politics of *talaq*—Recent debate. *Review of Research*, 7(12), 68-73. ISSN 2249-894X.
5. **Khatun, H.** (2018). Philosophy of intellectual dishonesty and manifestation in educational institutions. *Review of Research*, 7(12), 63-67. ISSN 2249-894X.
6. **Khatun, H.** (2017). Political empowerment of women under the Panchayat Raj Institution in West Bengal with special reference to Malda district. *Jaljali*, 4(2), 24-31. ISSN 2395-762X
7. **Khatun, H.** (2014). Profile of the Bihari community in Darjeeling. *Education Rays*, 122-128. ISSN 2348-0467
8. **Khatun, H.** (2014). The Marwari business community in Darjeeling (1835-2000). *Education Rays*, 187-194. ISSN 2348-0467
9. **Khatun, H.** (2013). Bazaar in a colonial hill station: A focus on Darjeeling under the British. *The Himalayan Miscellany*, 95-110. ISSN 0970-4922

Books:

1. **Khatun, H., & Rahman, Md.M.** (2019). *Jamaat-e- Islami Hind A Journey of Islamic Revivalism and Reformism in India*, Abhijeet Publications, New Delhi, ISBN. 978-81-938425-6-0
2. **Khatun, H., Subba, C. & Mahato, Nirmal** (2019). *Gender, Identity and Politics: Some Historical Perspectives* (Edited Book), Abhijeet Publications, New Delhi. ISBN: 978-81-938425-8-4.
3. **Khatun, H., Subba, C. & Mahato, Nirmal** (2019). *Rebooting Science and Technology in Eastern India*, (Edited Book), Abhijeet Publications, New Delhi. ISBN: 978-81-938425-9-1.
4. **Khatun, H., (2018).** *Ethnicity of Bazaars in Darjeeling*, Abhijeet Publications, New Delhi, ISBN. 978-81-938425-3-9

Book Chapters:

1. **Khatun, H.** (n.d.). Historians and historiography of Bengal and North East India: Dimensions and perspectives. In **A. K. Sarkar (Ed.)**, *Historiography of Darjeeling* (pp. xx-xx). Abhijeet Publications. ISBN: 978-93-5074-156-6
2. **Khatun, H.** (2014). Being in Bengal, colonial and post-colonial experience. In **S. K. Biswas & A. K. Ghosh (Eds.)**, *British entrepreneurship in Darjeeling (1835-1947)* (pp. 169-180). Mitam Publication. ISBN: 978-93-80036-56-4

Conference/Seminar Proceeding:

1. **Khatun, H.** (2016). Proceedings of International Conference on Family Life: Issues and Solutions in the Perspective of Islam, *Status of Bride: Indian Society and Islam*, pp.98-102, ISBN 978-81-88023-16-5

1.7 Department of Philosophy

The Department of Philosophy of the University of Gour Banga was established in 2012. The first day of starting classes in the department was 19th January 2012. It was held in two rooms of Satya Chowdhury Stadium, Malda, rented by the university, along with two Assistant Professors: (1) Dr. Sukumar Chandra Roy (joined on 14.01.2012) and (2) Purbayan Jha (joined on 16.01.2012) and 70 students. The department has five faculty members, and the intake capacity is 122 per semester. So, the day was historically important for the department. In the next month, i.e., in February 2012, Dr. Ruchira Majumder joined the department as Associate Professor of Philosophy. With these three faculty members, the department started its journey. After 1 semester year, the department shifted to the main campus of the university in the Dr. A. P. J Abdul Kalam Bijan Bhavan and finally to Acharya Binoy Kumar Sarkar Kala Bhavan, the Humanities Building of the university at the end of the year 2015. In the meantime, Dr. Jhadeswar Ghosh joined as an Associate Professor in September 2014. The department has also got two more faculty members by the fag end of 2015. Now, the total strength of faculty members is five (5). The department offers a syllabus that stimulates the students to think critically about philosophical problems. The key philosophical areas of study such as epistemology, logic, ethics, metaphysics, and philosophy of language are studied both from Indian and Western perspectives, as well as modern Indian thinkers, aesthetics, continental philosophy, philosophy of mind, and many more are in the syllabus with updated developments in those areas. The faculty members are actively engaged in research works, and eminent philosophers are invited as visiting faculty members to deliver special lectures that give students sufficient exposure to the knowledge domain.

- Year of establishment: 2012.
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Jyotsna Saha

M.A., Ph.D.

Professor



Specialization:

- Analytic Philosophy
- Western logic

Published:

- **Journal Articles: 04; Books: 04; Book Chapters: 10**
- **Conference/Seminar Proceeding: 01**

Journal Articles:

1. **Saha, J.** (2021). Thought, language and communication: An exploration. *Reflection: UGB Journal of Philosophy*, 1(1), 123-130. ISSN 2583-5890
2. **Saha, J.** (2017). Some reflections on meaning of life. *Philosophical Papers: Journal of the Department of Philosophy, University of North Bengal*, 13, 58-64.
3. **Saha, J.** (2015). *Rakta Karabi: KichhuBhabna* (Bengali). *Baudelaire*, 59-63. ISSN 2319-8370
4. **Saha, J.** (1993). Philosophy, poetry and the problem of meaninglessness. *The Visva-Bharati Journal of Philosophy*, 29(2), 77-88.

Books:

1. **Saha, J., Ghosh, J., & Jha. P.** (Eds.) (2020). *The Nature of Reality: Philosophical Discourses on Language, Religion and Culture*. Levant Books, Kolkata, ISBN: 978-93-88069-56-4
2. **Saha, J.** (2016). *An Enquiry Concerning Meaningfulness and Meaninglessness*. Ciderpress, Siliguri, ISBN: 978-81-932449-3-7
3. **Saha, J.** (Ed.) (2016). *Counselling: Approaching Mental Health Issues of the Present Generation*. Ciderpress, Siliguri, ISBN: 978-81-932449-1-3
4. **Saha, J. & Ghosh, J.** (Eds.) (2014). In Saha. J. & Ghosh. J. *Media Ethics in the Information Age*. Levant Books, Kolkata, ISBN: 978-93-84106-02-7

Book Chapters:

1. **Saha, J.** (2020). Religious tolerance: The virtue of living with religious diversity. In **J. Saha, J. Ghosh, & P. Jha (Eds.)**, *The nature of reality: Philosophical discourses on language, religion and culture* (pp. 197-204). Levant Books, India.
2. **Saha, J.** (2020). Raghunath Ghosh' conception of feminism: Some reflections. In **J. Ghosh (Ed.)**, *The engaged intellect: Essays on the philosophical perspectives of Raghunath Ghosh (along with his responses)*. Levant Books, India. ISBN: 978-93-88069-66-3
3. **Saha, J.** (2016). Understanding personality disorder. In **J. Saha (Ed.)**, *Counselling: Approaching mental health issues of the present generation* (pp. 140-153). Ciderpress, Siliguri. ISBN: 978-81-932449-1-3
4. **Saha, J.** (2016). Development and women empowerment. In **K. Das & G. Sharma (Eds.)**, *Women empowerment and socio-economic development* (pp. 62-70). New Century Publications, Delhi. ISBN: 978-81-7708-423-8

5. **Saha, J.** (2015). Position and empowerment of women in Indian tradition. In **G. Sharma, A. Roy, & P. K. Roy (Eds.)**, *Empowering women in India: Social, economic and political* (pp. 296-311). Rupali, Kolkata. ISBN: 978-93-81669-81-1
6. **Saha, J.** (2015). Human rights: Natural or constructed? A philosophical quest. In **G. Sharma & A. K. Shil (Eds.)**, *Human rights in India: Issues and concerns* (pp. 17-24). Abhijeet Publications, Delhi. ISBN: 978-93-5074-195-5
7. **Saha, J.** (2014). Sex and violence in the media. In **J. Saha & J. Ghosh (Eds.)**, *Media ethics in the information age* (pp. 48-57). Levant Books, Kolkata. ISBN: 978-93-84106-02-7
8. **Saha, J.** (2013). Microfinance, self-help groups (SHGs) and empowerment of women. In **K. Das & G. Sharma (Eds.)**, *Financial inclusion, self-help groups (SHGs) and women empowerment* (pp. 40-45). New Century Publications, Delhi. ISBN: 978-81-7708-339-2
9. **Saha, J.** (2013). Sanskrit: Literature of science in ancient India. In **P. D. Singh (Ed.)**, *Sanskrit Siksha ki Chunautiya: Ek Vimarsh* (pp. 446-458). Mekhla Prakashan, Delhi. ISBN: 978-93-81415-46-7
10. **Saha, J.** (2013). Gender disparity in education. In **K. Das (Ed.)**, *Inclusive education in India* (pp. 191-203). The Associated Publishers, Haryana. ISBN: 978-81-8429-097-4

Conference/Seminar Proceedings:

1. **Saha, J.** (2010). Empowerment of women panchayats: A study of two Panchayat Samities in Mathabhanga Sub-division in the district of Coochbehar. In *The status of women in India: From antiquity to modernity*. Centre for Study on Women Advancement (CSWA), Thakur Panchanan Mahila Mahavidyalaya, Coochbehar. ISBN: 978-93-80031-76-7

Purbayan Jha
M.A., Ph.D.
Assistant Professor



Specialization:

- Philosophy of Language
- Wittgenstein's philosophy
- Aesthetics

Published:

- **Journal Articles: 10; Books: 02; Book Chapters: 09**

Journal Articles:

1. **Jha, P.** (2024). Darshanershushrusha, bhasharbicaran: Wittgenstein-er alokeykichubhabna [In Bengali]. *Journal of Philosophy and the Life-world*, 25, 101-114. Vidyasagar University. ISSN: 0975-8461
2. **Jha, P.** (2024). Buddhism and Levinas on encountering the 'Other.' *Gauhati University Journal of Philosophy (GUJP)*, 7, 1-10. Gauhati University. ISSN: 2456-3285

3. **Jha, P.** (2021). Philosophy as therapy of conceptual illnesses: Wittgenstein and Nietzsche. *Reflection: UGB Journal of Philosophy*, 1(1), 109-116. University of Gour Banga. ISSN: 2583-5890
4. **Jha, P.** (2021). Political correctness: A corridor of uncertainty or necessity? *Ravenshaw Journal of Philosophy (RJP)*, 7, 82-94. Ravenshaw University. ISSN: 2395-3209
5. Das, G., & **Jha, P.** (2021). Ethical implication of the Kantian notion of moral autonomy: An evaluation. *International Journal of Creative Research Thoughts (IJCRT)*, 9(10), 416-419. ISSN: 2320-2882
6. **Jha, P.** (2021). Friendship and politics: Historical discourses and trans-political prospects. *Journal of Indian Council of Philosophical Research*, 38(2), 177-195. Springer Nature. E-ISSN: 2363-9962, Print ISSN: 0970-7794. <https://doi.org/10.1007/s40961-021-00237-7>
7. **Jha, P.** (2021). Seeing things and wondering: A Wittgensteinian outlook. *Panjab University Research Journal (Arts)*, 48(2), 38-46. Panjab University. ISSN: 0970-5260
8. **Jha, P.** (2014). Death, temporality and individuality: An existential outlook. *Philosophical Papers: Journal of the Department of Philosophy*, 10 (Special Issue in Honour of Prof. Raghunath Ghosh), 194-199. University of North Bengal. ISSN: 0976-4496
9. **Jha, P.** (2012). Art and music in language-game: Private language problem revisited. *Philosophical Papers: Journal of the Department of Philosophy*, 8, 129-133. University of North Bengal. ISSN: 0976-4496
10. **Jha, P.** (2007). Language and mental representation: An interdisciplinary approach. *Philosophical Papers: Journal of the Department of Philosophy*, 4, 61-65. University of North Bengal. ISSN: 0976-4496

Books:

1. **Saha, J., Ghosh, J., & Jha, P.** (Eds.). (2020). *The nature of reality: Philosophical discourses on language, religion and culture* (pp. xxv+210). Levant Books. ISBN: 978-93-88069-56-4
2. **Jha, P., & Roy, S. C.** (Eds.). (2017). *Interrogating the 'self': Essays on the philosophical facets of existence and morality* (pp. viii+150). Levant Books. ISBN: 978-93-84106-92-8

Book Chapters:

1. **Jha, P.** (forthcoming). The landscape of meaning and the sketches drawn by language: A reflection on Wittgenstein's philosophy. In D. Chakraborty (Ed.), *In search of creative commons: Crisis, catastrophe, and responsive literature in India*. Springer Nature. ISBN: 978-981-97-7976-5
2. **Jha, P.** (2023). Self, moral agency and language. In R. K. Panda (Ed.), *Self-knowledge & moral identity* (pp. 234-246). Tulika Books. ISBN: 978-81-950559-3-7
3. **Jha, P.** (2022). Sense and nonsense in Wittgenstein's Tractatus. In K. L. Das & J. C. Basak (Eds.), *Language, meaning and interpretation: East and West* (pp. 298-308). Northern Book Centre. ISBN: 978-81-7211-395-7
4. **Jha, P.** (2020). Raghunath Ghosh on Tagore's concept of freedom: A reflection. In J. Ghosh (Ed.), *The engaged intellect: Essays on the philosophical perspectives of Raghunath Ghosh (along with his responses)* (pp. 232-239). Levant Books. ISBN: 978-93-88069-66-3

5. **Jha, P.** (2020). Wittgensteinian fideism: Locating the discourse and beyond. In J. Saha, J. Ghosh, & P. Jha (Eds.), *The nature of reality: Philosophical discourses on language, religion and culture* (pp. 172-184). Levant Books. ISBN: 978-93-88069-56-4
6. **Jha, P.** (2017). Rethinking the ethics of war in the light of Viśvarūpadarśan-yoga in the Bhagavad Gītā: A Gandhian response. In P. Jha & S. C. Roy (Eds.), *Interrogating the 'self': Essays on the philosophical facets of existence and morality* (pp. 115-123). Levant Books. ISBN: 978-93-84106-92-8
7. **Jha, P.** (2016). A philosophical reflection on Swami Vivekananda as a global Indian. In O. Mahaldar, G. N. Mondal, & K. Bhadra (Eds.), *Philosophical discourse: Thought consciousness and ethics* (pp. 59-68). Cognition Publications. ISBN: 978-81-932871-1-8
8. **Jha, P.** (2012). Privacy: The other side of language. In J. C. Basak & K. Joardar (Eds.), *Language and thought* (pp. 220-228). Northern Book Centre. ISBN: 81-7211-298-X; 978-81-7211-298-1
9. **Jha, P.** (2012). The struggle between language, culture and civilization: A tribute to Wittgenstein. In K. L. Das & N. K. Roy (Eds.), *Language, culture and value* (pp. 181-190). Northern Book Centre. ISBN: 81-7211-294-7; 978-81-7211-294-3

Sadek Ali
M.A., Ph.D.
Assistant Professor

Specialization:

- Analytic Philosophy
- Logic
- Philosophy of Religion

Published:

- **Journal Articles: 09; Book Chapters: 07**
- **Conference/Seminar Proceedings: 03.**



Journal Articles:

1. **Ali, S.** (2022). The concept of untouchability: An assessment. *International Journal of Research Culture Society, Vol. 06, Special Issue 25*, ISSN: 2456-6683.
2. **Ali, S.** (2021). Humanism: In Tagore's view. *International Multilingual Journal for Arts and Humanities, Vol. 1*, ISSN: 2582-8002.
3. **Ali, S.** (2021). Vivekananda's view on humanism. *Journal of People's History and Culture, Vol. 7*, December, ISSN: 2395-7379.
4. **Ali, S.** (2021). Truth and non-violence: The foundations of Gandhi's philosophy. *Reflection: UGB Journal of Philosophy - International Level Conference Proceedings, Vol. 1, Issue 1*, December, ISSN: 2583-5890.
5. **Ali, S.** (2018). Abortion: An ethical issue concerning life and death. *CLIO: An Annual Interdisciplinary Journal of History, Vol-18*.
6. **Ali, S.** (2016). Direct reference theory: Critical observations. *Journal of People's History and Culture: International and Interdisciplinary Journal, Vol. 2 (2)*, December, ISSN: 2397-7379.

7. **Ali, S.** (2014). Mill's theory of proper names. *Annual Bilingual Research Journal of Philosophy, Vol-IX*, Bangaigaon College, Assam, ISSN: 2249-5053.
8. **Ali, S.** (2012). The pursuit of logical form: A criterion of understanding the nature of language. *Research Journal of Indian Cultural, Social and Philosophical Stream, Vol-XLIV*, ISSN: 0973-8762.
9. **Ali, S.** (2012). No sense theory of proper names: A philosophical reflection. *Philosophical Papers - Journal of the Department of Philosophy (University of North Bengal), Vol. IX*, ISSN: 0976-4496.

Book Chapters:

1. **Ali, S.** (2024). The concept of ecofeminism and its connectivity with other concepts in environmental ethics. In D. K. Mandal (Ed.), *Emerging Trends and Issues in Humanities and Social Sciences* (Vol. 1, pp. xx-xx). Selfypage Developers Pvt Ltd. ISBN: 978-93-6252-325-9.
2. **Ali, S.** (2023). Biocentrism: A study in environmental ethics. In M. Sharma, H. Singh, & U. Singh (Eds.), *Greener Living* (pp. xx-xx). Pustak Bharati. ISBN: 978-1-989416-12-9.
3. **Ali, S.** (2021). Vivekananda's concept of reformism. In B. Sinha & A. Choudhury (Eds.), *Multi Dimensional Personality of Swami Vivekananda* (pp. xx-xx). Books Clinic. ISBN: 978-81-94935-83-4.
4. **Ali, S.** (2020). Status-oriented feminist approaches to ethics: A philosophical discussion. In A. K. Sarkar (Ed.), *Women in Indian Society: Essays on Historiography and Politics* (Vol. 1, pp. xx-xx). Anvi Books & Publishers. ISBN: 978-81-946168-3-2.
5. **Ali, S.** (2020). Classical understanding of religious language: An assessment. In J. Saha, J. Ghosh, & P. Jha (Eds.), *The Nature of Reality: Philosophical Discourse on Language, Religion and Culture* (Vol. 2, pp. xx-xx). Levant Books. ISBN: 978-93-88069-56-4.
6. **Ali, S.** (2019). Religion, truth and morality: The essential components to make a good society after M.K. Gandhi. In H. Khatun, C. Subba, & N. K. Mahato (Eds.), *Gender, Identity and Politics: Some Historical Perspectives* (pp. xx-xx). Abhijit Publication. ISBN: 978-81-938425-8-4.
7. **Ali, S.** (2018). Conservative view on abortion: An ethical approach. In P. K. Ghosh (Ed.), *Life and Death* (pp. xx-xx). Bangiya Sahitya Samsad. ISBN: 987-93-86508-71-3.

Conference/Seminar Proceedings:

1. **Ali, S.** (2021). Is ordinary language a genuine method in doing philosophy? An analysis. In C. M. Patel (Ed.), *Proceedings of the International Conference on Literature, Society & the Global Media*. Research Cultural Society, Gujarat. ISBN: 978-81-951481-7-2.
2. **Ali, S.** (2018). Good governance: An ethical issue in restructuring the Indian federation. In J. Sahoo (Ed.), *Restructuring Indian Federation*. New Academic Publishers, Ansari Road, New Delhi. ISBN: 978-81-86-77297-3.
3. **Ali, S.** (2015). Recent development of the concept of proper names in linguistic philosophy. In *Modern Trends in Social and Basic Science: Proceedings of the International Conference*. Alipurduar College, West Bengal. ISBN: 978-93-82623-51-9.

Shampa Roy
M.A., M.Phil., Ph. D.
Assistant Professor



Specialization:

- Advaita Vedanta

Published:

- **Journal Articles: 04.**

Journal Articles:

1. **Roy, S.** (2022-23). Advaita Vedāntamatānusareātmājñānerkarmājñātvakhāṇḍanpūrvakamokṣajanakatvasthāpana. *Vidyasagar University Journal of Philosophy and the Life-World*, 25, 128-141. ISSN: 0975-8461.
2. **Roy, S.** (2021). The concept of mokṣa: A comparative study between Nyāya-Vaiśeṣika and Advaita Vedānta. *International Journal of Humanities and Social Science Research*, 7(6). ISSN: 2455-2070.
3. **Roy, S.** (2018). Mokṣa: The prayojana of Advaita Vedānta. *International Journal of Creative Research Thoughts*, 6(1). ISSN: 2320-2882.
4. **Roy, S.** (2018). Mokṣaprāptirupāyaviśayeadvaitavādersahitaviśistādvaitavādertulanāmulakaālochanā (in Bengali). *International Research Journal of Commerce, Arts and Science*, 9(2). ISSN: 2319-9202.

Sukumar Chandra Roy
M.A., M. Phil., Ph. D.
Associate Professor



Specialization:

- Epistemology,
- Logic,
- Ethics and Philosophy of Religion,
- Contemporary Indian Philosophy

Published:

- **Book: 01; Book Chapters: 01**

Book:

1. Jha, P., & **Roy, S.C.** (Eds.), (2017). *Interrogating the 'Self': Essays on the Philosophical Facets of Existence and Morality* (pp. viii+150). Kolkata: Levant Books, ISBN: 978-9384106-92-8

Book Chapters:

1. **Roy, S.C.** (2021). Man of Perfection in Society as Conceived by Vivekananda. In B. Sinha, A. Choudhury (Eds.), *Multidimensional Personality of Swami Vivekananda*. BooksclinicPublishing, Bilaspur, Chattisgarh (ISBN: 978-81-94935-83-4).

1.8 Department of Political Science

The Department of Political Science, University of Gour Banga, is well-known for its highly effective faculty and ground-breaking research. In 2012, with the help of approximately 70 post-graduate students, the Department was founded. The department's expansion has occurred while Political Science has broadened its scope beyond studying institutions and law to encompass a wider range of social sciences, including economics, philosophy, culture, and society. This has allowed for a more relevant and effective examination of politics, emphasizing the Indian context.

The department has been regularly organizing several Seminars and workshops and provides M. A. M. Phil. and Ph.D. degree programmes. The Department is devoting its research efforts to the cross-disciplinary theme of political thought and theory, Democracy, Development, Gender, International relations, Public Administration, Political Sociology, Local Administration, and Peace. It has been useful in linking traditional strengths across disciplines and subfields. Curriculum development within the Department of Political Science has significantly contributed to creating domain knowledge.

Faculty members dedicate themselves to advancing academic research and educational practices that increase the livelihood of our student's intellectual and social change, preparing them to become influential citizens who uphold the principles of social and gender justice and active citizenship. Their contribution to the university work is praiseworthy.

- Year of establishment: 2012
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Ayan Das

M.A.

Assistant Professor

Specialization:

- Political theory
- Political economy
- Development Studies
- Populism studies and West Bengal Politics

Published:

- **Journal Articles: 01;** **Book Chapters: 05**



Journal Article:

1. **Das, A., & Goswami, D.** (2022). Populism and governance: A study of West Bengal politics, 1975–2016. *Journal for the Study of Radicalism*, 16(2), 57-75. ISSN: 1930-1189, eISSN: 1930-1219. <https://doi.org/10.14321/jstudradi.16.2.0057v>

Book Chapters:

1. **Das, A.** (2021). Foucault: Views on enlightenment. In *Self-learning materials for M.A. in political science, Semester I, C.C. I, Unit 7* (pp. 61-69). Rabindra Bharati University Press. (In Bengali).

2. **Das, A., & Goswami, D.** (2018). A 'dead letter' which is very much alive. In J. Sahoo (Ed.), *Indian federalism the recent experience* (pp. 215-219). Levant Books. ISBN: 978-81-936036-2-8.
3. **Das, A., & Goswami, D.** (2017). Learners' support at national and state open universities in India: The case of political science. In D. Modak & C. Basu (Eds.), *Teaching social sciences through open and distant learning: A twenty-first-century perspective* (pp. 403-435). Netaji Subhas Open University Press. ISBN: 978-93-82112-59-4.
4. **Das, A.** (2017). Students' support services in political science at state open universities in India: A comparative study. In D. Modak & C. Basu (Eds.), *Teaching social sciences through open and distant learning: A twenty-first-century perspective* (pp. 436-453). Netaji Subhas Open University Press. ISBN: 978-93-82112-59-4.
5. **Das, A., & Goswami, D.** (2017). Students' support services in political science at IGNOU and DDEs of DMUs in West Bengal: An evaluation. In D. Modak & C. Basu (Eds.), *Teaching social sciences through open and distant learning: A twenty-first-century perspective* (pp. 454-472). Netaji Subhas Open University Press. ISBN: 978-93-82112-59-4.

Badal Sarkar
M.A., Ph.D.
Associate Professor

Specialization:

- Public Administration,
- Indian Political Thought.

Published:

- **Journal Articles: 20; Books: 04; Book Chapters: 17**



Journal Articles:

1. **Sarkar, B.** (2020). Political philosophy of Lokmanya Bal Gangadhar Tilak: A study of his ideas of nationalism. *Shodh Sanchar Bulletin*, 10(39). ISSN: 2229-3620.
2. **Sarkar, B.** (2020). Ambedkar's vision of Dalit-Bahujan-Nationalism. *Shodh Sarita*, 7(27). ISSN: 2348-2397.
3. **Sarkar, B.** (2019). B.R. Ambedkar: A study on women empowerment. *Shodh Samiksha Aur Mulyankan*, 5(124). ISSN: 0974-2832.
4. **Sarkar, B.** (2019). Delegation and decentralization in administration: A comparative study. *Research Analysis & Evaluation*, 5(116). ISSN: 0975-3486.
5. **Sarkar, B.** (2019). Untouchability and religious conversion: Ambedkar's conception. *International Journal of Basic and Applied Research*, 8(6). ISSN: 2249-3352.
6. **Sarkar, B.** (2019). Jaya Prakash Narayan: A study of his idea of socialism. *International Journal of Basic and Applied Research*, 8(4). ISSN: 2249-3352.
7. **Sarkar, B.** (2019). Jayprakash Narayan: A study in his idea of Sarvodaya society. *International Journal of Basic and Applied Research*, 9(3). ISSN: 2249-3352.

8. **Sarkar, B.** (2018). New public administration: Comparative study amongst Minnowbrook Conferences-I, II & III. *International Journal of Basic and Applied Research*, 8(10). ISSN: 2249-3352.
9. **Sarkar, B.** (2018). Behavioural approach to the study of public administration: Contribution of Chester Irving Barnard and Chris Argyris. *International Journal of Basic and Applied Research*, 8(7). ISSN: 2249-3352.
10. **Sarkar, B., & Das, S.** (2018). Socio-economic and political issues: A case study in the English Bazaar municipality. *Research Review International Journal of Multidisciplinary*, 3. ISSN: 2455-3085.
11. **Sarkar, B.** (2018). Anti-corruption movement: A study on Jana Lokpal Bill. *Research Analysis and Evaluation*, 5. ISSN: 0975-3486.
12. **Sarkar, B.** (2018). Swachh Bharat mission: A study in the context of an ideal society. *Research Analysis and Evaluation*, 5. ISSN: 0975-3486.
13. **Sarkar, B.** (2018). Sansad Aadarsh Gram Yojana: Study in the context of an ideal village. *Shodh Samiksha Aur Mulyankan*, 5. ISSN: 0974-2832.
14. **Sarkar, B.** (2018). Role of civil society in administration: Normative study. *Review Journal of Philosophy & Social Science*, 43(1). ISSN: 0258-1701.
15. **Sarkar, B.** (2018). India's role in UNO: An analytical study. *Review Journal of Political Philosophy*, 6. ISSN: 0976-3635.
16. **Sarkar, B.** (2017). India's role in SAARC of the Dr. Manmohan Singh government. *Journal Global Values*.
17. **Sarkar, B.** (2017). Persecution and human rights violations against Rohingya Muslims: A study in the context of Rakhine state. *Shodh Samiksha Aur Mulyankan*, Issue 105, ISSN: 0974-2832.
18. **Sarkar, B.** (2017). South Asian foreign policy of the Narendra Modi government (2014-2016): An overview. *Research Analysis and Evaluation*.
19. **Sarkar, B.** (2017). Intolerance politics in India: A study in the context of the Dadri incident. *Review Journal of Political Philosophy*, Cambridge Publications.
20. **Sarkar, B.** (2017). India's role in BRICS: With reference to Prime Minister Modi (2014-2016). *Review Journal of Philosophy and Social Science*, 42(2), ISSN: 0258-1701.

Books:

1. **Sarkar, B.** (Ed.). (2020). *Indian political thought: Selected thinkers*. ANU Book. ISBN: 978-93-90115-18-1.
2. **Sarkar, B.** (2020). *Public administration: Theories, approaches and issues*. Levant Books. ISBN: 978-93-88069-44-1.
3. **Sarkar, B.** (Ed.). (2018). *Politics, trends and issues in India*. Levant Books. ISBN: 978-93-88069-04-5.
4. **Sarkar, B.** (2015). *Ambedkar's vision of 'just society'*. Reader Services. ISBN: 978-93-82623-33-5.

Book Chapters:

1. **Sarkar, B.** (2020). Doctrine of Chaturashamas as Yoga: A study on Karma and Dharma. In P. Debnath (Ed.), *Teaching-Learning Excellence through Yoga: A psychosomatic interaction*. Bharati Publications. ISBN: 978-81-949793-8-8.
2. **Sarkar, B.** (2020). Political thought of M.K. Gandhi: An overview. In B. Sarkar (Ed.), *Indian Political Thought: Selected Thinkers*. Anu Book. ISBN: 978-93-90115-18-1.
3. **Sarkar, B.** (2019). Indian foreign policy under Prime Minister Narendra Modi (2014-2016). In H. Khatun (Ed.), *Gender, Identity and Politics: Some Historical Perspectives*. Abhijit Publication. ISBN: 978-81-938425-8-4.
4. **Sarkar, B.** (2018). Making Indian federation: A study on historical perspective. In J. Sahoo (Ed.), *Indian Federation: The Recent Experience*. Levant Books. ISBN: 978-81-936036-2-8.
5. **Sarkar, B.** (2018). Constitutional protection for Scheduled Tribes. In B. Sarkar (Ed.), *Politics, Trends and Issues in India*. Levant Books. ISBN: 978-93-88069-04-5.
6. **Sarkar, B.** (2017). Rights to education: A study in the context of constitutional provisions in India. In A. S. Mia & P. Debnath (Eds.), *Teacher Education in the 21st Century: Issues and Concerns*. Renu Publishers. ISBN: 978-93-85502-37-8.
7. **Sarkar, B.** (2017). Violence against Dalits in post-independence era: A normative study. In G. Sengupta (Ed.), *Caste Politics in India: Legacy and Contemporary Issues*. Progressive Publishers. ISBN: 978-81-8064-262-3.
8. **Sarkar, B.** (2017). Indian foreign policy under Prime Minister Modi (2014-2016). In *Gender, Identity and Politics: Some Historical Perspectives*. Abhijit Publication. ISBN: 978-81-938425-8-4.
9. **Sarkar, B.** (2016). RSS and questions of secular politics of Modi's government. In A. K. Dutta & M. Chakraborty (Eds.), *Propaganda and Democratic Politics in India*. Sarat Book Distributors. ISBN: 978-93-84106-82-9.
10. **Sarkar, B.** (2016). Surgical strike on black money: A normative study. In A. K. Dutta & M. Chakraborty (Eds.), *Propaganda and Democratic Politics in India*. Sarat Book Distributors. ISBN: 978-93-84106-82-9.
11. **Sarkar, B.** (2016). Prime Minister Modi's idea of good governance. In P. Deb (Ed.), *Good Governance and the Society: An Indian Perspective*. Sarat Book Distributors. ISBN: 978-93-84106-69-0.
12. **Sarkar, B.** (2016). Right to education as a fundamental right and its implementation: An analytical study. In T. K. Chand (Ed.), *Right to Education Act & After*. Aaheli Publishers. ISBN: 81-89169-31-9.
13. **Sarkar, B.** (2015). Narirksamatayane Ambedkarerabhadan. In Y. Khan (Ed.), *Samakalin Bhabnay Nari*. Education Forum. ISBN: 978-93-82600-16-9.
14. **Sarkar, B.** (2015). Narendra Damodardas Modi and empowerment of women in India. In D. Modak & Y. Khan (Eds.), *Women in Contemporary India: Aspects of Participation and Empowerment*. Education Forum. ISBN: 978-93-82600-12-1.
15. **Sarkar, B.** (2015). Narendra Damodardas Modi: Making the modern India. In J. Sahoo (Ed.), *India in Globalised Era*. New Academic Publishers. ISBN: 978-81-86772-83-6.

16. **Sarkar, B.** (2015). Quest for a new Hindu social order: Ambedkar's conception. In P. Bahinipati (Ed.), *B.R. Ambedkar: An Enlightened Iconoclast*. New Academic Publishers. ISBN: 978-81-86772-86-x.
17. **Sarkar, B.** (2014). Reservation as an egalitarian measure: A normative study. In S. Das (Ed.), *Reservation: An Engine of Development*. SOPAN. ISBN: 978-93-82433-42-2.

Jitendra Sahoo
M.A., M. Phil., Ph.D.
Professor



Specialization:

- Public Administration
- Political Sociology

Published:

- **Journal Articles: 16; Books: 09; Book Chapters: 27**

Journal Articles:

1. **Sahoo, J.** (2024). Can war solve the Israel-Palestine conflict? *World Focus: A Premier Indo-Centric Foreign Affairs Monthly Journal Since 1980*, **LXXXIV**, 29–35. ISSN: 2230-8458, e-ISSN: 2581-5083.
2. **Sahoo, J.** (2023). India: The mother of democracy is the land of justice. *The Indian Journal of Political Science*, **LXXXIV**(4), 617–622. ISSN: 0019-5510.
3. **Sahoo, J., & Datta, K.** (2020). Implementation of Electoral Literacy Club by Election Commission of India: A study on Murshidabad District in West Bengal. *NAM Today: An International Journal for the New Age Mind*, **LXXXIV**, 5–10. ISSN: 2347-3193.
4. **Sahoo, J.** (2018). National Service Scheme in HEIs and inclusion of yoga & meditation. *Asian Journal of Multidisciplinary Research*, **7**(5), 173–178. ISSN: 2278-4853.
5. **Sahoo, J., & Ali, M.** (2018). Voting behaviour in rural areas of West Bengal: A case study of Kushmandi Block of South Dinajpur District. *Research Review International Journal of Multidisciplinary*, **3**(5), 138–142. e-ISSN: 2455-3085.
6. **Sahoo, J.** (2018). Impact of liberalization on public administration. *Journal of North East Region (JONER)*, **6**(1), 158–165. ISSN: 2321-0583.
7. **Sahoo, J., & Sarkar, S.** (2018). Rural development and recent flood relief in Kushmandi Block of Dakshin Dinajpur (W.B.). *Research Review International Journal of Multidisciplinary*, **3**(2), 123–128. e-ISSN: 2455-3085.
8. **Sahoo, J.** (2017). Women need empowerment for social change. *Trans Asian Journal of Marketing & Management Research*, **6**(12), 43–49. e-ISSN: 2278-8808, p-ISSN: 2279-0667.
9. **Sahoo, J.** (2017). Budgetary process in India: An analysis. *Scholarly Research Journal for Interdisciplinary Studies*, **4**(36), 6811–6820. e-ISSN: 2278-8808, p-ISSN: 2319-4766.
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16. **Sahoo, J.** (2013). Socio-cultural, economic, educational, administrative safeguards for the development of tribal in India. *SAARJ: An International Multidisciplinary Research Journal*, 3(7), 46–54. ISSN: 2249-7137.

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1. **Sahoo, J., & Datta, K.** (Eds.). (2020). *Indian federal system: A COVID-19 perspective*. Kunal Books. ISBN: 978-93-89224-56-6.
2. **Sahoo, J.** (Ed.). (2019). *Dynamics of Indian democracy*. Akhand Publishing House. ISBN: 978-93-88998-90-1.
3. **Sarkar, B., Manna, S. S., & Sahoo, J.** (Eds.). (2018). *Politics, trends and issues in India*. Levant Books. ISBN: 978-93-88069-04-5.
4. **Sahoo, J.** (Ed.). (2018). *Restructuring Indian federation*. New Academic Publishers. ISBN: 978-8186772-97-3.
5. **Sahoo, J.** (Ed.). (2018). *Indian federalism: The recent experiences*. Levant Books. ISBN: 978-81-936036-2-8.
6. **Sahoo, J.** (Ed.). (2015). *India in globalized era*. New Academic Publishers. ISBN: 978-8186772836.
7. **Sahoo, J.** (Ed.). (2015). *India's constitutional development since the 1950s*. New Academic Publishers. ISBN: 978-8186772805.
8. **Banerjee, S. K., Sahoo, J., & Pani, N.** (2011). *Political theory: Concepts and ideologies*. Gyanajuga Publication. ISBN: 81-89726-69-0.
9. **Pani, N., & Sahoo, J.** (2008). *Tribal development*. Mahamaya Publishing House. ISBN: 978-81-8325-055-9.

Book Chapters:

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7. **Sahoo, J.** (2020). Understanding the centre-state relations: Areas of conflicts and cooperation during Covid-19. In J. Sahoo & K. Datta (Eds.), *Indian federal system: A COVID-19 perspective* (pp. 1-16). Kunal Books. ISBN: 978-93-89224-56-6.
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10. **Sahoo, J.** (2019). Nature of Indian federal system: A matter of controversy. In H. Khatun, C. Subba & N. K. Mahato (Eds.), *Gender, identity and politics* (pp. 270-276). Abhijeet Publications. ISBN: 978-81-938425-8-4.
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14. **Sahoo, J.** (2017). Centre-state relations in India: A study of the formation of NITI Aayog. In A. K. Datta & M. Chakrabarty (Eds.), *Propaganda and democratic politics in India* (pp. 68-79). Levant Books. ISBN: 978-93-84106-82-9.
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20. **Sahoo, J.** (2015). Women in Indian polity since independence. In D. Modak & E. Khan (Eds.), *Women in contemporary India* (pp. 175-198). Education Forum. ISBN: 93-82600-12-4.
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22. **Sahoo, J.** (2014). Issue of reservation in Indian politics. In S. Das (Ed.), *Reservation: An engine of development* (pp. 51-60). Sopan. ISBN: 978-93-82433-42-2.
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Papri Chakraborty
M.A., M. Phil., Ph.D.
Assistant Professor



Specialization:

- Theories of international relations,
- South Asian Politics,
- Indian foreign policy,
- Politics of Bangladesh,
- Ethnic conflict,
- Peace negotiation and conflict management.

Published:

- **Journal Articles: 04;** **Book Chapters: 01**

Journal Articles:

1. **Chakraborty, P.** (2022). Shishukalyane SAARC er samajikdaybaddhata o Bharaterbhumika: Ektimulyayan. *Samaj Jijnasa*, 15(Special Issue), 160-169.
2. **Chakraborty, P.** (2019). Chakma or Jumma people and partition: The case of perennial victimhood. *International Journal of Multidisciplinary*, 4(3), 1553-1561.
3. **Chakraborty, P.** (2014). Recognition of identities: A path to reasonable reconciliation. *Journal of International Affairs*, 18(1&2), 103-120.
4. **Chakraborty, P.** (2014). Ethnic conflict in the Chittagong Hill Tracts (CHT) of Bangladesh: Politics of homogenization. *The Indian Journal of Political Science*, 75(2), 297-304.

Book Chapter:

1. **Chakraborty, P.** (2024). Negotiating repatriation of the Rohingya refugees: The need for India-Bangladesh security initiative. In A. Ghosh (Ed.), *A fiesta of fifty years of Indo-Bangladesh relations: Assessing the varied dynamics of opportunities and challenges* (pp. 87-102). Kolkata Society for Asian Studies.

Siddhartha Sankar Manna

M.A., M.Phil., Ph.D.

Assistant Professor



Specialization:

- Development Studies

Published:

- Journal Articles: 14; Books: 02;
- Book Chapters: 14

Journal Articles:

1. **Manna, S. S., & Chakraborty, S.** (2024). Exploring the rise of populist politics in West Bengal: Insights from Laclau's populist framework. *The West Bengal Political Science Review*, 25, 157-168. ISSN 2230-8296.
2. **Manna, S. S.** (2023). Governance, sustainable development agendas, and public policy in India. *Bharatiya Shiksha Shodh Patrika*, 42(2), 233-239. ISSN 0970-7603.
3. **Manna, S. S.** (2023). Trends of 'smart power' in global affairs. *The Indian Journal of Political Science*, 74(2), 321-330. ISSN 0019-5510.
4. **Manna, S. S.** (2023). Unlocking the potential of India's workforce: Exploring the impact of Mission Karmayogi. *The Indian Journal of Political Science*, 84(4), 583-590.
5. **Manna, S. S.** (2021). Indian political democracy: A study. *ENSEMBLE*, 2(2). <https://doi.org/10.37948/ensemble-2021-0202-a024>. ISSN 2582-0427.
6. **Manna, S. S.** (2019). Role of missile technology control regime (MTCR) in world politics: An overview. *International Journal of Basic and Applied Research*, 9(3). ISSN 2249-3352.
7. **Manna, S. S.** (2019). Role of non-governmental militant groups: Cross-border linkages and implications for India and Sri Lanka. *Research Review International Journal of Multidisciplinary*, 4(2), 708-714. ISSN 2455-3085.
8. **Manna, S. S.** (2019). Ethnic politics in Sri Lanka: An involvement of India. *ENSEMBLE*, 1(2), 40-48. ISSN 2582-0427.
9. **Manna, S. S.** (2018). Gender and information & communication technology: An experience of Sahapur Gram Panchayat in Malda District. *Research Review International Journal of Multidisciplinary*, 3(8). ISSN 2455-3085.
10. **Manna, S. S.** (2018). Ethnic politics in Sri Lanka: The question of India's implications. *Research Review International Journal of Multidisciplinary*, 3(4). ISSN 2455-3085.
11. **Manna, S. S.** (2018). Role of ICT in rural local self-governance: A case study of Sahapur Gram Panchayat in Malda District. *Research Review International Journal of Multidisciplinary*, 3(2). ISSN 2455-3085.
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14. **Manna, S. S.** (2017). Ethnic politics in Sri Lanka: Implication for India. *The Indian Journal of Political Science*, 78(4), 769-774. ISSN 0019-5510.

Books:

1. Sarkar, B., **Manna, S. S.**, & Sahoo, J. (Eds.). (2018). *Politics, trends and issues in India*. Levant Books. ISBN 978-93-88069-04-5.
2. **Manna, S. S.**, & Kothari, R. (2020). Dynamics of ethnonational contention in South Asia: A case study of the security implications between India and Sri Lanka. ISBN 978-620-6-163886.

Book Chapters:

1. **Manna, S. S.** (2024). BRICS through the prism of New Delhi: A cautious and limited engagement. In R. C. Das (Ed.), *Convergence and developmental aspects of credit allocation in BRICS nations: Theoretical and empirical inquiries* (pp. 320–334). Routledge Taylor & Francis Group. <https://doi.org/10.4324/9781003320029>
2. **Manna, S. S.** (2023). Is democracy a precursor to sustainable development? Reflections on the accomplishment of SDGs in India. In M. Mishra, S. Saha & M. Sinha (Eds.), *Public policies and sustainable development in post-reform India: Regional responses and the way forward* (pp. 73–90). Springer Singapore. <https://doi.org/10.1007/978-981-99-3695-3>
3. **Manna, S. S.** (2023). Antarjatiksamparkeralokeyudha o danda. In S. Chatterjee (Ed.), *Samokalin Biswa Rajniti: NirbachitoDharona o Gotiprokriti*. Setu Prakashani.
4. **Manna, S. S.** (2022). Employment dynamics and labor mobility amidst COVID-19 pandemic in India: A critical appraisal of ILO recommendations. In S. Saha, M. Mishra & A. Bhuiamali (Eds.), *Economic and societal transformation in pandemic-trapped India: Emerging challenges and resilient policy prescriptions* (pp. 277–301). Springer Singapore. https://doi.org/10.1007/978-981-16-5755-9_14
5. **Manna, S. S.** (2021). Restructuring state, society, and human development: Projecting post-COVID pandemic equations. In M. Mishra, R. B. Mukunda & S. Singh (Eds.), *COVID-19 pandemic trajectory in the developing world: Exploring the changing environmental and economic milieus in India* (pp. 145–171). Springer. https://doi.org/10.1007/978-981-33-6440-0_1
6. **Manna, S. S.** (2021). Roots of ethnic conflict in Sri Lanka: An analysis. In A. Karmakar & P. Mukherjee (Eds.), *Exploring contemporary issues in Asian politics* (pp. 229–251). Avenil Publishers.
7. **Manna, S. S.** (2021). Rastranitithekerajnitikuttoran: Aktiporjalochana. In P. Mukherjee (Ed.), *Rajnaitiktatwa: Dharana o bitarka* (pp. 7–24).
8. **Manna, S. S.** (2020). Jyotirao Phule and his ideas of social transformation: A critical analysis. In B. Sarkar (Ed.), *Indian political thought: Selected thinkers* (pp. 223–234).
9. **Manna, S. S.** (2019). Democratic struggle in Sri Lanka: A cross-border linkage with India. In J. Sahoo (Ed.), *Dynamics of Indian democracy: Revising the seven decades* (pp. 13–33).

10. **Manna, S. S.** (2019). Role of missile technology control regime in world politics (MTCR): An overview. In B. Chakraborty & D. Nandy (Eds.), *Role of international organisations in world politics* (pp. 176–180). Blue Roan Publishing.
11. **Manna, S. S.** (2018). India's role in BRICS: Challenges and prospects. In B. Sarkar, S. S. Manna & J. Sahoo (Eds.), *Politics, trends and issues* (pp. 1–13). Levant Books.
12. **Manna, S. S.** (2018). Impact of regional inputs on Indian foreign policy towards neighbouring states. In J. Sahoo (Ed.), *Indian federalism: The recent experiences* (pp. 25–33). Levant Books.
13. **Manna, S. S.** (2018). Breaking the silence: Who gets, what, and how? In J. Basu (Ed.), *Women empowerment: Miles to go*.
14. **Manna, S. S.** (2018). The role of IQAC on quality enhancement and quality sustenance in higher education. In P. K. Chakraborty (Ed.), *Quality enhancement in higher education and human resource development*. Amritalok Sahitya.

1.9 Department of Sanskrit

The Department of Sanskrit started its journey at the University of Gour Banga in 2008. It has three full-time teachers and 75 students in each semester. Now, the Department has five faculty members. The present student intake of the department is 122. With seminars, workshops, special lectures, and quality classes, the teaching department is trying to provide greater exposure to the students. The department is engaged in diversified extension activities for society. The research output of the faculty members is well-recognized among the academicians.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Anindya Chaudhury
M.A., M.Phil., Ph.D.
Assistant Professor

Specialization:

- Indian philosophy

Published:

- **Journal Articles: 06;**
- **Conference/Seminar Proceedings: 02**



Journal Articles:

1. **Chaudhury, A.** (2024). Kālidāsakenātākommēpratibhāsitaṭṭvījñāna. *Nāṭyam*, 109–110, 134–12. NatyaParisad, Department of Sanskrit, Doctor Harisingha Gour University. (ISSN: 2229-5550).
2. **Chaudhury, A.** (2024). Kṣīrasvāmi-sāyaṇācāryayohḍṛṣṭyāParasmaipadi-dhātūnāmarthavaisādrśyam. *Āraṇyakam*, 32(1), 43–51. (ISSN: 0975-0061).

3. **Chaudhury, A.** (2022). KṣīratarāṅgiṇīmādhavīyadhātuvṛttyordrṣṭyāUbhayapadikadhātuvīśeṣāṇāmdhātvarthavaisādrṣyam. *Sanskrit Sahitya Parishad Patrika*, CIV, 87–95. (ISSN: 2249-0620).
4. **Chaudhury, A.** (2021). Sāyaṇācāryasyakaṇḍyādīdhātupāṭhapratibhā. *VYĀSAŚRĪH*, 20, 1–9. (ISSN: 2320-2025).
5. **Chaudhury, A.** (2021). Pāṇinīya dhātupāṭha o kṣīrasvāmīkṛtakṣīratarāṅgiṇīratulanāmūlakaparyālocanā. *Śodhanidhi*, 4, 72–80. Peer-Reviewed Annual Research Journal of the Department of Sanskrit, University of Gour Banga.
6. **Chaudhury, A.** (2021). Kṣīratarāṅgiṇīmādhavīyadhātuvṛtti-granthayorālokenā-tmanepadīdhātordhātvarthavaisādrṣyam. *Ananta Journal*, 7(5), 80–84. ISSN: 2394-7519.

Conference/Seminar Proceedings:

1. **Chaudhury, A.** (2023). Vartamānasamājedarśaneraprayoga: Upaniṣadikaupākhyānādiraḍṣṭikoṇatheke. In S. Das, R. Sarkar, T. Dutta & R. Tigga (Eds.), *Applied Literature: Theory and Praxis* (pp. 97–105). Binaidpur Mahavidyalaya. ISBN: 978-81-960289-2-3.
2. **Chaudhury, A.** (2020). Vyakaraṇaśāstrekatipaydhāturdhātvarthabaisādrṣya—Ektiālocanā. In *Bharatiya Bhasha O SahityeSanskriterPrabhava* (pp. 148–155). Ananya Prakashani. ISBN: 978-81-944553-1-8.

Chandan Bhattacharyya

M.A., Ph.D.
Professor



Specialization:

- Nyaya-Vaisheshika Philosophy
- PaninianSystem of Grammar
- Veda

Published:

- **Journal Articles: 08; Books: 12;**
- **Conference/Seminar Proceedings: 10.**

Journal Articles:

1. **Bhattacharyya, C.** (2022). Vaiśeṣikadarśaneśabdasyapramāṇyam: Ekamadhyayanam. *Anvīkṣā*, 43. Department of Sanskrit, Jadavpur University.
2. **Bhattacharyya, C.** (2019). Bhāsarvajñakṛtenyāyasāreupamānasyapramāṇāntaratvakhaṇḍanam: Ekaṃsamīkṣaṇam. *Anvīkṣā*, 40(2). Department of Sanskrit, Jadavpur University.
3. **Bhattacharyya, C.** (2018). RaghudevanyāyālaṃkārasyaaprakāsitagrantheNirukti prakāśe (Navīnanirmāṇe) vyāptīlakṣaṇam: Ekamadhyayanam. *Our Heritage Journal of The Sanskrit College & University*, 46, 84–93.

4. **Bhattacharyya, C.** (2017). TattvajñāneKathātrayavimarśaḥ: Nyāyasammatamparyālocanam. *Anvīkṣā*, 38, 97–100. Department of Sanskrit, Jadavpur University.
5. **Bhattacharyya, C.** (2016). Tarkabhāṣānusāngsamavāyīkāraṇārtha-vicāraḥ. *Anvīkṣā*, 37, 191–194. Department of Sanskrit, Jadavpur University.
6. **Bhattacharyya, C.** (2015). Gūḍhārthatattvadīpikā: Ekāgranthasamīkṣā. *Journal of the Department of Sanskrit*, 20, 139–144. Rabindra Bharati University.
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8. **Bhattacharyya, C.** (2011). RaghudevanyāyālaṅkāraṣyaGudhārthatattvadīpikāvyāpīvyāptivādaḥ. *Sanskrita Sahitya Parishat Patrika*, 93(1–4), 77–91.

Books:

1. **Bhattacharyya, C.** (2024). *Classical Indian theories of communication. UGB Studies in Sanskrit. 3* (Collection of articles presented in National Seminar). Levant Books. (In press).
2. **Bhattacharyya, C.** (2023). *Śodhanidhi - Vol. 5*. Peer-reviewed annual research journal of the Department of Sanskrit, UGB. Registrar, UGB, Malda.
3. **Bhattacharyya, C.** (2021). *Śodhanidhi - Vol. 4*. Peer-reviewed annual research journal of the Department of Sanskrit, UGB. Registrar, UGB, Malda.
4. **Bhattacharyya, C.** (2019). *Brhadāranyakopaniṣad* (Chapter II / Brāhmaṇa IV & Chapter IV / Brāhmaṇa IV & V). Revised & enlarged edition. Sanskrit Book Depot.
5. **Bhattacharyya, C.** (2019). *Śodhanidhi - Vol. 3*. Peer-reviewed annual research journal of the Department of Sanskrit, UGB. Registrar, UGB, Malda.
6. **Bhattacharyya, C.** (2018). *Commentarial works in Sanskrit disciplines*. Reference book (Proceedings of International Conference). The Banaras Mercantile Co.
7. **Bhattacharyya, C.** (2018). *Śodhanidhi - Vol. 2*. Peer-reviewed annual research journal of the Department of Sanskrit, UGB. Registrar, UGB, Malda.
8. **Bhattacharyya, C.** (2017). *Laukikanyāya-saṃkalana*. Reference book. The Sanskrit Book Depot.
9. **Bhattacharyya, C.** (2016). *Śodhanidhi - Vol. 1*. Referred journal of the Department of Sanskrit, UGB. The Banaras Mercantile Co. ISBN 81-86359-50-8.
10. **Bhattacharyya, C.** (2016). *Reappraisal of the different branches of Sanskritic wisdom*. Proceedings of National Seminar. Sanskrit Book Depot. ISBN 978-93-81795-75-0.
11. **Bhattacharyya, C.** (2012). *Nyāyakusumāñjali*. Textbook. Mahabodhi Book Agency.
12. **Bhattacharyya, C.** (2012). *Gūḍhārthatattvadīpikā*. Reference book. Sanskrit Pustak Bhandar.

Conference/Seminar Proceedings:

1. **Bhattacharyya, C.** (2023). RaghudevanyāyālaṅkāraḥNirūktiprakāśa: Eka aprakāśitagranthavimarśaḥ. In *Ujjwala-Śāstra-Vaibhavam (Prof. Ujjwala Jha Commemoration Volume)* (pp. 420–423). Pratibha Prakasan.

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Specialization:

➤ Kavya

Published:

➤ **Journal Articles: 08;** **Book Chapters: 02**
 ➤ **Conference/Seminar Proceedings: 02**



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Specialization:

- Veda

Published:

- **Journal Articles: 05; Books: 04; Book Chapter: 01**
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Specialization:

- Literature and literary criticism

Published:

- **Journal Articles: 54; Books: 15; Book Chapters: 13**
- **Conference/Seminar Proceedings: 12**
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Journal Articles:

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6. **Sen, S.** (2024). *Urban life in the Haikus of Harshdev Madhav*. In B. Shoni (Ed.), *śākhāntarālānām Gaganakhaṇḍāḥ* (Poetry Collection of Harshdev Madhav, pp. 143–157). Parimal Publications. ISBN 81-7110-926-8.
7. **Sen, S.** (2023). *Samasāmayikaśaṃskṛtasāhityamemuttarādhunikavicārādhārākāunmeṣa aura kaviarunakīrṣṭiśīlatā - Eka Viśleṣaṇa*. In R. Tripathi & P. Pandiya (Eds.), *Sanskrit literature of the twenty-first century: Achievements, limitations, and possibilities* (pp. 330–344). Sahasradhara Saraswati. ISBN 978-81-961599-00.
8. **Sen, S.** (2020). *Viśvaatimārirasaṃkramaṇaniyantraṇekichuprācīnaśāstrīyavidhāna*. In A. Sarkar & S. Som (Eds.), *karonārakathakatā Navya SvābhāvikatāraJīvanaRekhā*. Gour Mahavidyalaya & Sopan. ISBN 978-93-90717-67-5.
9. **Sen, S.** (2019). *Mammataviśvanāthayornaye Kāvyaālaṃkārayoḥ Sambandhaḥ*. In A. R. Mishra & S. Mishra (Eds.), *śailakanyakā* (Professor Sailabala Senapati Felicitation Volume, pp. 247–253). Centre for Buddhist Studies, Visva Bharati. ISBN 978-81-86359-77-X.
10. **Sen, S.** (2015). *Women education in the Vedic education system*. In S. Bhattacharyya (Ed.), *Status of Women*. Papirus. ISBN 978-81-908360-9-8.
11. **Sen, S.** (2013). *Kaveḥ Sītānāthasya Bhāvayitrpratibhāyāḥ Digdarśanam*. In T. S. Bhattacharyya (Ed.), *Nibodhanī*. Sanskrit Pustak Bhandar. ISBN 978-99-83368-65-5.
12. **Sen, S.** (2013). *Ādhunikasaṃskṛtasāhityasyādhunikatvaṃ Kālagataṃ Vastvāṅgikādiniṣṭhamveti*. In S. Batabyal (Ed.), *Ṛtāyaṇī*. Sanskrit Pustak Bhandar. ISBN 978-93-83368-81-5.
13. **Sen, S.** (2013). *Kāvyaadarśananidhiḥ Kālīpadatarkācāryaḥ*. In T. S. Bhattacharyya (Ed.), *Avīkṣā*. Sanskrit Pustak Bhandar. ISBN 978-93-83368-66-2.

Conference/Seminar Proceedings:

1. **Sen, S.** (2024). *Arvācīnakāvyaśāstrasammato 'bhidhāvyāpāravicārah*. In S. Sen & A. Mandal (Eds.), *Deliberation of Functions of Words and Meanings in Shastras* (pp. 159–184). Sanskrit Pustak Bhandar & Department of Sanskrit, CUPBU.
2. **Sen, S.** (2023). *Utility of Sanskrit studies in East and West*. In S. Das, R. Sarkar, T. Dutta & R. Tigga (Eds.), *Applied Literature: Theory and Praxis* (pp. 18–32). Buniadpur Mahavidyalaya. ISBN 978-81-960289-2-3.
3. **Sen, S.** (2020). *Modern Indian polity in the light of the polity in Mahabharata*. In L. Mondal & K. Roy (Eds.), *Ancient Indian Polity and Democratic System of Modern India: An Interface* (pp. xx-xx). The Ducca Publisher. ISBN 978-93-84054-38-0.

4. **Sen, S.** (2019). *Samskṛtasāhityemānavikamūlyabodheravivartanarūparekhā*. In S. Das (Ed.), *Human Values in Indian Literature and Culture* (pp. 201–223). Sanskrit Pustak Bhandar. ISBN 978-93-87800-79-3.
5. **Sen, S.** (2018). *Alaṃkārasarvasvasyatikāṛtāmtulanātmakampariśīlanam*. In C. Bhattacharyya & M. C. Das (Eds.), *Commentarial Works in Sanskrit Disciplines* (pp. 141–152). The Banaras Mercantile Co. ISBN 81-86359-70-2.
6. **Sen, S.** (2017). *Ādhunikasamskṛtakāvyeshupratibhāsītōmūlyabodhāvaksayahvihanāgamadrṣṭyāsamīkṣaṇam*. In D. Sarkar (Ed.), *DSA Project, Department of Sanskrit, Jadavpur University*.
7. **Sen, S.** (2016). Are seers scientists? In C. Bhattacharyya (Ed.), *Reappraisal of Different Branches of Sanskritic Wisdom* (Seminar Proceedings, Department of Sanskrit, Gour Banga University). Sanskrit Book Depot. ISBN 978-93-8175-70-5.
8. **Sen, S.** (2016). Vivekananda and Neo-Vedantism. In *Neo-Vedantism: Contributions of Sri Ramakrishna and Vivekananda* (Seminar Proceedings, Department of Philosophy, Dewan Abdul Gani College, Harirampur, D/Dinajpur). Sanskrit Pustak Bhandar. ISBN 978-93-83368-21-1.
9. **Sen, S.** (2016). *Kalāpikā: Svādhīnatottaravaṅgadeśesamskṛtesaneṭsamgrahaḥ*. In A. C. Karmakar & M. M. Rahaman (Eds.), *Post Independence Sanskrit Studies in Bengal* (pp. 115–124). Sanskrit Book Depot. ISBN 978-93-81795-80-4.
10. **Sen, S.** (2016). *Ādhunikasamskṛtasāhityasyaprārambhalagnavitarkaḥ*. In *Influence of Sanskrit on Indian Culture* (Seminar Proceedings, Department of Sanskrit, Raiganj University). The Banaras Mercantile Co.
11. **Sen, S.** (2013). *Prācāmarvācīnānāmālaṃkārikānāṃlakṣaṇāvimarśaḥ*. In R. Bhattacharyya (Ed.), *Sabda-bodha* (International Conference Proceedings). *Samskṛtabhāratī (Annals of Department of Sanskrit, Calcutta University)*. ISBN 978-93-5156-053-4.
12. **Sen, S.** (2013). *Kavīndrakathākallolinītyasyānūditakathāsamgrahasyayāthārthyavicāraḥ*. In B. Biswal, N. Das & R. Das (Eds.), *Anūditam Rabindrasāhityam. Kāthabhāratī*. ISBN 978-81-92208-6-4.

Book Reviews in Journal:

1. **Sen, S.** (2024). ‘Tava Javādharamanmayarekhāsu’ Aruṇaraṅjanamiśra-kṛta-kavitāsamkalanam (Pustaka-samīkṣā). *Bhāratī Journal* (Rajasthan Government Sanskrit Monthly Journal, Jaipur), 19-20. ISSN 2249-698X.
2. **Sen, S.** (2024). ‘Karonākampaśatakam’ (Poet Aruna Ranjan Mishra) (Pustaka-samīkṣā). *Utsargapatram* (G. B. Palsule Memorial Book), edited by Asha Gurjar, Pune.
3. **Sen, S.** (2024). ‘ŚūnyeMeghagānam’ (Poet Aruna Ranjan Mishra). *Victorian Journal of Arts*, 17, A. B. N. Sil College. ISSN 0975-5632.
4. **Sen, S.** (2024). ‘Kāvya-chandrikā of Kavichandradutta’ (Book Review). *Samskṛtapratibhā*, 90, Sahitya Academy, New Delhi. ISSN 0558-3764.
5. **Sen, S.** (2021). ‘Antarikṣayodhāḥ’ (Dr. Rishiraj Jani) (Book Review). In B. Nanda, S. Sen & B. Gangopadhyay (Eds.), *Śāsrāmāndākinī* (Vol. 2, Double Peer-reviewed Book, pp. xx-xx). Shivalika Prakashan, New Delhi. ISBN 978-81-950125-1-0.

6. **Sen, S.** (2018). 'Kāvyaśaṅcayanam' (Sitanath Acharyya Shastri) (Book Review). *Saṃskṛtapratibhā*, 65, Sahitya Academy, New Delhi, 182-185. ISSN 0558-3764.

1.10 Department of Sociology

The Department of Sociology began in 2012 with the initiation of an M.A. programme in Sociology. It is a two-year programme consisting of four semesters. At present, three permanent faculty members are running the Department. Visiting faculties from distinguished universities in India are also invited to deliver lecture series in the Department. The course is designed to provide the students with the contemporary debates and developments in Sociology. Publication of books, articles, and book chapters addressing different social issues of the present-day makes the different very unique.

- Year of establishment: 2012
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Anindya Bhattacharyya
M.A. (Double), Ph.D.
Assistant Professor



Specialization:

- Sociological Theory
- Social Gerontology
- Sociology of Gender

Published:

- **Journal Articles: 14;** **Books: 02;** **Book Chapters: 10**

Journal Articles:

1. **Bhattacharyya, A.** (2024). Home I Call My Own: My Everyday and Beyond. *Social Trends*, 11, 78–85. ISSN 2348-6538.
2. **Bhattacharyya, A.** (2023). Nijoswi-Ekti Samskritik Nirmaan O Paribartaner Chalika Shakti. *Purvabharat (Manus O Samskriti)*, 6(1), 149–155. ISSN 2319-8591.
3. **Bhattacharyya, A.** (2022). Community, Communalism, and Globalization. *Journal of People's History and Culture*, 8(1), 185-191. ISSN 2395-7379.
4. **Bhattacharyya, A.** (2022). Voluntarily Childless: An Autoethnographic Account of Man's Struggles in India. *Indian Journal of Gender Studies*, 1–12. ISSN 0971-5215.
5. **Bhattacharyya, A.** (2022). Child Widows of Bengal: Life, Living and Sexuality in a Phallocentric Society. *International Journal of Research and Analytical Reviews*, 9(1), 797-809. ISSN 2349-5138 / E-ISSN 2348-1269.
6. **Bhattacharyya, A.** (2020). Hawking on the Lines: Tales of the Railway Hawkers and their Everyday. *Social Trends*, 7, 114–127. ISSN 2348-6538.

7. Ganguly, R. & **Bhattacharyya, A.**, (2017). Atikatha Ebong Samakalin Samaj: Ekti Samajtatwik Bisleswan. *Samaj-Jijnasa*, 10(1–2), 166–179. ISSN 2321-158X.
8. **Bhattacharyya, A.** (2017). Violence against Women: Issues of Surveillance, Discipline, and Punish. *International Journal of Research in Social Sciences*, 7(1), 100–112. ISSN 2249-2496.
9. **Bhattacharyya, A.** (2016). Sociology and History at Interface: Interest in Methodology. *Journal of People's History and Culture*, 2(2), 52–57. ISSN 2397-7379.
10. **Bhattacharyya, A.** (2012). Crime against Women and her Human Rights after Globalization. *The Journal of Historical and Cultural Review*, 3(1), 102–109. ISSN 2278-5345.
11. Dey, P., Bhattacharyya, S., & **Bhattacharyya, A.** (2011). Self-Help and Self-Reliance: A Two Edged Razor. *Journal of Social Work and Social Development*, 2(1), 73-90. ISSN 2229-6468.
12. **Sen, S., & Bhattacharyya, A.** (2005). Patriarchy and the Media: A Contagious Interface in a Global Society. *Samajtatva*, 11(1), 95–111. ISSN 0975-9980.
13. **Bhattacharyya, A.** (2005). Social theories of ageing. *Samajtatva*, 11(1), 95–111. ISSN 0975-9980.
14. **Bhattacharyya, A.** (2004). Bardhakiya, Bardhyakay Bijnan O Bharatio Chitro. *Samajtatva*, 10(1), 95–111. ISSN 0975-9980.

Books:

1. **Sen, S., & Bhattacharyya, A.** (2019). *Samajik gobeshona: Padhyatividya, padyati o koushal* (in Bengali). K.P. Bagchi & Co. Pvt. Ltd. ISBN 978-8170743842.
2. **Sen, S., & Bhattacharyya, A.** (2014). *Samakalin Samajik tatwa* (in Bengali). Pearson India. ISBN 978-93-325-0580-3.

Book Chapters:

1. **Bhattacharyya, A.** (2018). Indian Sociology: Search for identity. In B. Banerjee & K. Chattopadhyay (Eds.), *Founders of Sociology in India: Glimpses of their contributions* (pp. 25-30). Levant Books. ISBN 9388069-09-0.
2. **Bhattacharyya, A.** (2018). Dharma, Paribar O Bibaha: Bharatio Mahilader Jibone Mulyobodher Daharabahikatha O Dandikata. In M. Mukhopadhyay & A. Bandopadhyay (Eds.), *Nahi Samanya Nari: Itihashe, Samaje O Chintay* (pp. 555-563). Setu Prakashan. ISBN 978-93-80677-96-5.
3. **Bhattacharyya, A.** (2017). Dhurjati Prasad Mukhopadhyay. In A. Chowdhury (Ed.), *Bharater Samajtatwa: Udbhav O Bikash* (pp. 167-179). Chatterjee Publications. ISBN 13-978-81-926597-5-6.
4. Pal, S., **Bhattacharyya, A.**, Banerjee, K., & Kesari, A. (2017). Violence against women in India: An enquiry into domestic violence, cruelty, rape, and other traditional practices. In *Development and Perspectives: Towards New Challenges*, Working Paper, Vol. 5 (pp. 79-94). A. K. Dasgupta Centre for Planning and Development, Visva-Bharati, and New Delhi Publishers. ISBN 978-93-85503-71-9.

5. **Bhattacharyya, A.** (2013). Baichitrer Modhye Aikyo. In K. Chattopadhyay (Ed.), *Bhratio Samaj Kathamo O Prabaho* (pp. 18–27). Chatterjee Publishers. ISBN 978-81-926597-0-1.
6. **Bhattacharyya, A.** (2013). Sankhya Loghu Sampradaya. In K. Chattopadhyay (Ed.), *Bhratio Samaj Kathamo O Prabaho* (pp. 155–165). Chatterjee Publishers. ISBN 978-81-926597-0-1.
7. **Bhattacharyya, A.** (2013). Biswayan O Bharatio Samaj. In K. Chattopadhyay (Ed.), *Bhratio Samaj Kathamo O Prabaho* (pp. 232–248). Chatterjee Publishers. ISBN 978-81-926597-0-1.
8. **Bhattacharyya, A.** (2012). Govind Sadashiv Ghurye. In B. Banerjee & K. Chatterjee (Eds.), *Bharater Samajatik Chintadhara* (pp. 292–315). Levant Books. ISBN 978-93-80663-49-4.
9. **Bhattacharyya, A.** (2011). Bardhyaker Samasya. In B. Chakraborty (Ed.), *Bharatio Samaj: Samprotik Bishoy* (pp. 190–211). Urbee Prakashan. ISBN 978-93-80648-04-0.
10. **Bhattacharyya, A.** (2010). Chhatro Andolon. In K. Chattopadhyay & A. Chowdhury (Eds.), *Bharater Samajik Andolon* (pp. 95–111). Levant Books. ISBN 978-81-908065-1-0.

Bappi Singha
M.A., Ph.D.
Assistant Professor



Specialization:

- Globalization

Published:

- **Journal Articles: 04;** **Book Chapters: 03**

Journal Articles:

1. **Singha, B.** (2023). Migration and youth crime: Sociological contextualization of a colonial history. *Journal of Crime and Criminal Behavior*, 4(2), 181-192. <https://doi.org/10.47509/JCCB.2024.v04i02.02>
2. **Singha, B.** (2023). Ecological alienation of West Bengal's Buxa Hill residents in Alipurduar area: An assessment of the environmental development process. *SAARC Journal of Social Science*, 1(2), 161-172. ISSN: 2583-9950
3. **Singha, B.** (2023). Politicization of youth and criminality in West Bengal: Selected case studies of aspiring undergraduate students. *International Journal for Multidisciplinary Research*, 5(5), 1-10. E-ISSN: 2582-2160
4. **Singha, B.** (2022). Production of cyber surplus value in digital social media platforms: Regulating, commodifying and criminalizing the space. *International Journal of Development Research*, 12(11), 60617-60621. <https://doi.org/10.37118/ijdr.25793.11.2022>

Book Chapters:

1. Singha, A. K., Mandal, S. D., **Singha, B.**, & Roy, D. (2021). Education level in rural areas of West Bengal. In S. Mukherjee & S. Sarkar (Eds.), *Population health and regional development: Challenges and issues* (pp. 51-61). Orange Publication.
2. Mandal, S. D., Singha, A. K., **Singha, B.**, & Roy, D. (2021). Regional disparities in the socio-economic status of women in Malda District, W.B. In S. Mukherjee & S. Sarkar (Eds.), *Population health and regional development: Challenges and issues* (pp. 73-84). Orange Publication.
3. **Singha, B.** (2016). Crime and criminal behavior as a part of role set in the opportunity-motivation strategy: Balancing construction and presentation of self. In R. Kumari (Ed.), *Crime factors and solutions* (pp. 18-26). Institute for Social Development and Research. ISBN: 978-93-84686-12-3.

Sudarshana Sen

M.A., Ph.D.

Assistant Professor



Specialization:

- Sociology of Gender
- Research Methodologies
- Sociology of Minority

Published:

- **Journal Articles: 19; Books: 09; Book Chapters: 29**
- **Conference/Seminar Proceedings: 02; Book Reviews in Journals: 04**

Journal Articles:

1. **Sen, S.** (2024). Violence against women: An article written in Bengali *BharateNarirOporHingsrotaOdhyayn: ModhyostotarKoushal O Challenge*. *Purba Bharat*. ISSN 2319-8591.
2. **Sen, S.** (2024). Living everyday and studying everyday. *Social Trends*, 1. ISSN 2348-6538.
3. **Sen, S.** (2022). An anthology of the domestic workers of Kolkata. *Journal of Research in Humanities and Social Science*, 10(3), 41–45. ISSN 2321-9467.
4. **Sen, S.** (2022). The marginal/(the) minority: Everyday experience of the Anglo-Indian women. *Journal of People's History and Culture*, 8(1), 110–119. ISSN 2395-7379.
5. **Sen, S.** (2021). Decoding the Anglo-Indian woman: Discourses on rape and victimhood. *Social Trends*, 8(1). ISSN 2348-6538.
6. **Sen, S.** (2021). Census of India and disappearance of a minority community. *Indian Journal of Landscape Systems and Ecological Studies*, 44(1).
7. **Sen, S.** (2021). Gazing at a star: Matinee idol and his spectators. *Journal of Women's Studies*, 10. ISSN 2320-3625.
8. **Sen, S.** (2020). Reviewing methods studying violence in women's 'everyday'. *Sociological Bulletin*. <https://doi.org/10.1177/0038022919899019> ISSN 0038-0229.

9. **Sen, S.** (2020). Redefining the contours: A survey on the new methods used in social sciences. *Social Trends*, 7. ISSN 2348-6538.
10. **Sen, S.** (2019). ThakurmarJhuli: Recasting the grandma's bag of tales. *Social Trends*, 6.
11. **Sen, S.** (2018). Revisiting the text: Lakshmi's Panchali. *Asian Studies*, 36(1&2). ISSN 0970-7301.
12. **Sen, S.** (2017). Studying Anglo-Indian women in Kolkata: Methodological implications. *Sociological Bulletin*, 66(2), 158–173. ISSN 0038-0229.
13. **Sen, S.** (2014). Living stories of Anglo-Indian women in Kolkata. *International Journal of Anglo-Indian Studies*, 14(1). Retrieved from <http://home.alphalink.com.au/agilbert>
14. **Sen, S.** (2010–2011). The Anglo-Indians in Kolkata: Education and occupation. *Journal of History*, 28. ISSN 0976-5476.
15. **Sen, S.** (2009). From Birsa Munda to Shah Rukh Khan: The case of Munda tribe at Baidyabati. *West Bengal Sociological Review*, 2.
16. **Sen, S., & Bhattacharyya, A.** (2005). Patriarchy and the media: A contagious interface in a global society. *Samajtatva*, 11(1). ISSN 0975-9980.
17. **Sen, S.** (2005). Anglo-Indians and their schools: A survival strategy. *Socialist Perspective*, 32(3–4). ISSN 0975-9980.
18. **Sen, S.** (2004). The Anglo-Indian community: A perspective on its growth and sustenance. *Samajtatva*, 10(2). ISSN 0975-9980.
19. **Sen, S.** (2003–2004). The Anglo-Indians as an ethnic minority: Issues in boundary maintenance. *Politics and Society*, 5.

Books:

1. **Sen, S., & Chatterjee, K.** (2023). *Lingoslishosamajtatwa* (in Bengali). K.P. Bagchi & Co. Pvt. Ltd. ISBN 978-93-935480-78.
2. **Sen, S.** (Ed.). (2023). *NSOU (CBCS) self-learning material - HSO Sociology Honours Core Course CC-XIV (Research methods II), Code: CC-SO-14* (UG Degree Programme).
3. **Sen, S.** (Ed.). (2022). *Women in Bengal: In reality and through representations*. Routledge. ISBN 978-1032754246.
4. **Sen, S., & Bhattacharyya, A.** (2019). *Samajikgobeshona: Padhyativedya, padyati o koushal* (in Bengali). K.P. Bagchi & Co. Pvt. Ltd. ISBN 978-8170743842.
5. **Sen, S.** (2017). *Anglo-Indian women in transition: Pride, prejudice and predicament*. Palgrave Macmillan. ISBN 978-981-10-4653-7 / 978-981-10-4654-4 (e-book). <https://doi.org/10.1007/978-981-10-4654-4>
6. **Sen, S., & Bhattacharyya, A.** (2014). *Samakalinsamajiktatwa* (in Bengali). Pearson India. ISBN 978-93-325-0580-3.
7. **Chatterjee, K., & Sen, S.** (2013). *Rudiments of social research*. Levant Books. ISBN 978-93-80663-83-8.
8. **Banerjee, B., & Sen, S.** (2013). *Uchha Madhyamik Samajtatwa: Basic concepts in sociology for higher secondary students*. Paschimanga Rajya Pustak Parshad. ISBN 978-81-247-0732-6.

9. **Sen, S.** (2011). *Two generations of Anglo-Indian women in Kolkata: Responses on family and marriage* (SWS-SRTT Occasional Paper). School of Women's Studies, Jadavpur University. ISBN 81-86954-64-3.

Book Chapters:

1. **Sen, S.** (2024). Anglo-Indian women in cinemas. In S. Sen (Ed.), *Women in Bengal: In Reality and Through Representations*. Routledge. ISBN 9781032754246.
2. **Sen, S.** (2024). Introduction. In S. Sen (Ed.), *Women in Bengal: In Reality and Through Representations*. Routledge. ISBN 9781032754246.
3. **Sen, S.** (2024). The social identity of the Anglo-Indian community and its women in India. In S. Choudhuri & C. Basu (Eds.), *Giving Voice to the Voiceless: The Sociology of Identity Politics in Contemporary India* (pp. 242–266). Netaji Subhas Open University, School of Social Sciences. ISBN 978-81-968283-0-1.
4. **Sen, S.** (2024). Dalit nari, dalitnaribaad. In *Prantik Janacharcha Granthamala: Kothan Vol II: Atmakothone Nari: Dalit O Muslim Parishar* (pp. 45–52). Garia Society for Studies of Marginal People. ISBN 978-93-93-49042-1.
5. **Sen, S.** (2020). Paper I, Module IV, Units 1-4 (e- Module). *Netaji Subhas Open University*.
6. **Sen, S.** (2020). Paper CC3, Module VII, Units 1-4 (e- Module). *Netaji Subhas Open University*.
7. **Sen, S.** (2020). Paper CC12, Unit 3 (e- Module). *Netaji Subhas Open University*.
8. **Sen, S.** (2019). The epistemological and methodological assumptions in feminist research. In B. Aleaz & P. P. Basu (Eds.), *Revisiting Qualitative Research Methods* (pp. 250–272). Orient Blackswan. ISBN-10: 9352875869; ISBN-13: 978-9352875863.
9. **Sen, S.** (2018). From centre to the margins: The journey of the Anglo-Indian community in India. In R. Sain (Ed.), *Contemporary Social Problems in India*. Reader's Service.
10. **Sen, S.** (2018). Methodology of research in sociology (03), Module no. 21: Explanation of quantitative data. *e-PG Pathshala*.
11. **Sen, S.** (2018). *Methodology of Research in Sociology (03), Module no. 14 (Research Methods 4: Testing Procedures)*. *e-PG Pathshala*.
12. **Sen, S.** (2018). Paper IV, Module 3, Units 1-4 of BDP Sociology (e- Module). *Netaji Subhas Open University*.
13. **Sen, S.** (2018). G. S. Ghurye: An overview of his contribution. In B. Bandopadhyay & K. Chattopadhyay (Eds.), *Founders of Sociology in India* (pp. 31–43). Levant Books. ISBN 978-93-88069-09-0.
14. **Sen, S.** (2018). Dhurjati Prasad Mukherji: Marxologist in the study of tradition. In B. Bandopadhyay & K. Chattopadhyay (Eds.), *Founders of Sociology in India* (pp. 96–114). Levant Books. ISBN 978-93-88069-09-0.
15. **Sen, S.** (2018). M. N. Srinivas: A sociologist of social change. In B. Bandopadhyay & K. Chattopadhyay (Eds.), *Founders of Sociology in India* (pp. 183–208). Levant Books. ISBN 978-93-88069-09-0.

16. **Sen, S.** (2018). Rina, Edith, Violet Ebong... In M. Mukhopadhyaya & A. Bandopadhyay (Eds.), *Nahi Samanya Naari: Itihas, Samaj O Chintay* (pp. 353–365). Setu Prakashan. ISBN 978-93-80677-96-5.
17. **Sen, S.** (2017). Approaches to the study of Indian society (in Bengali). In A. Chowdhury (Ed.), *Bharater Samajtatwa: Udbhav O Bikash*. ISBN 978-81-926597-5-6.
18. **Sen, S.** (2015). Old women in India: Experiences of living with their bodies. In A. Bandopadhyay & K. Dasgupta (Eds.), *The Other Universe* (pp. 409–414). Setu Publishers & Women's Studies Centre, Lady Brabourne College. ISBN 978-93-80677-73-6.
19. **Sen, S.** (2015). Pride and predicament: The Anglo-Indian life-world. In P. Ray & N. Ghosh (Eds.), *Pratyaha: Everyday Life-World, Dilemmas, Contestations and Negotiations* (pp. 175–193). Primus India. ISBN 978-93-84082-40-6.
20. **Sen, S.** (2013). Family system and kinship (in Bengali). In K. Chattopadhyay (Ed.), *Bharatio Samaj Kathamo o Probaho* (pp. 28–46). Chattrejee Publishers. ISBN 978-81-926597-0-1.
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2. **Sen, S.** (2010). Studying an ethnic and marginal group: Some observations of politics of inclusion and exclusion. In *UGC Sponsored National Conference, 'Sociology in the 21st Century: The First Decade* (pp. 102–107). ISBN 978-81-921808-1-6.

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1. **Sen, S.** (2015). Book review. *Sociological Bulletin (Journal of the Indian Sociological Society)*, 64(1), 111–113. Sage, ISSN 0038-0229.
2. **Sen, S.** (2014). Book review. *Sociological Bulletin (Journal of the Indian Sociological Society)*, 63(1), 176–178. Sage, ISSN 0038-0229.
3. **Sen, S.** (2014). Book review. *Sociological Bulletin (Journal of the Indian Sociological Society)*, 63(3), 482–484. Sage, ISSN 0038-0229.
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2. Faculty of Science

Department wise faculty	Journal Articles	Books	Book Chapters	Conference/ Seminar Proceeding	Book Reviews
2.1 Department of Botany					
<i>Abhijit Sarkar</i>	68	05	30	-	-
<i>Chandan Barman</i>	08	-	01	-	-
<i>Sudipta Kumar Sil</i>	51	16	-	-	-
<i>Vivekananda Mandal</i>	52	01	12	-	-
2.2 Department of Chemistry					
<i>Sadananda Mandal</i>	16	-	01	-	-
<i>Shubhamoy Chowdhury</i>	75	-	-	-	-
<i>Sougata Pal</i>	71	01	03	-	-
2.3 Department of Computer Science					
<i>Abu Sufian</i>	22	-	06	13	-
<i>Debasmita Saha</i>	05	-	04	04	-
<i>Farhana Sultana</i>	02	-	04	02	-
2.4 Department of Food & Nutrition					
<i>Saidur Rahaman</i>	01	-	01	-	-
2.5 Department of Geography					
<i>Arijit Das</i>	93	-	04	05	-
<i>Kabita Lepcha</i>	14	02	11	-	-

Department wise faculty	Journal Articles	Books	Book Chapters	Conference/ Seminar Proceeding	Book Reviews
<i>Pradip Chouhan</i>	81	05	05	-	-
<i>Sunil Saha</i>	89	01	17	-	-
<i>Swades Pal</i>	144	05	16	-	-
2.6 Department of Mathematics					
<i>Debraj Chandra</i>	26	-	-	-	-
<i>Laxmikanta Mandi</i>	12	-	01	01	-
<i>Sanatan Das</i>	224	05	01	-	-
<i>Shyamapada Modak</i>	77	-	02	-	-
<i>Simanta De</i>	14	-	-	-	-
2.7 Department of Physics					
<i>Ankur Sensharma</i>	13	-	01	-	-
<i>Atul Bandyopadhyay</i>	33	-	04	-	-
<i>Soma Mitra</i>	23	-	01	-	-
<i>Subrata Sarkar</i>	09	01	02	-	-
2.8 Department of Physiology					
<i>Sandeep Kumar Dash</i>	85	-	06	-	-
2.9 Department of Zoology					
<i>Anjali Rawani</i>	40	01	06	-	-
<i>Manoj Lama</i>	16	-	01	-	-
<i>Mitali Das</i>	09	-	-	-	-
<i>Shyamapada Mandal</i>	102	-	-	-	-
<i>Subhrajyoti Roy</i>	23	-	01	01	-

2.1 Department of Botany

The postgraduate Department of Botany of the University of Gour Banga started its journey in January 2012 with three faculty members and twenty students under a two-year-four-semester system. Two years M.Sc. in Botany with some areas of specialization in Cytology, Molecular Genetics, Cell Biology and Plant Biotechnology, Microbiology and Microbial Biotechnology, Plant Physiology, Biochemistry and Molecular Biology, Environmental Biology, Reproductive Ecology of Angiosperms. Ph.D. and M. Phil. The programme also started in 2015. Currently, the M.Sc. and the PhD programmes are running. The department is well-equipped with laboratories to cater to students and scholars. The department received WB DBT BOOST project (2017-2018) funding support in 2019 to upgrade the equipment facilities, namely Upright Fluorescent Microscopy, Lyophilizer, Microplate Reader, and high precision digital balance. Research publications of the distinguished faculty members are internationally reputed and recognized.

- Year of establishment: 2012
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Abhijit Sarkar

M.Sc. Ph.D.

Assistant Professor



Specialization:

- Environmental Biology

Published:

- **Journal Articles: 68; Books:05; Book Chapters: 30**

Journal Articles:

1. Popek, R., Roy, A., Mandal, M., Przybysz, A., Drażkiewicz, K., Romanowska, P., & **Sarkar, A.** (2024). Enhancing urban sustainability: How spatial and height variability of roadside plants improves pollution capture for greener cities. *Sustainability*, 16(24), 11131. <https://doi.org/10.3390/su162411131>
2. Mandal, M., Roy, A., Singh, P., & **Sarkar, A.** (2024). Quantification and characterization of airborne microplastics and their possible hazards: A case study from an urban sprawl in eastern India. *Frontiers in Environmental Chemistry*, 1499873. <https://doi.org/10.3389/fenvc.2024.1499873>

3. De, D., Sarkar, S., Chhetri, H., Chatterjee, J., Sinha, N., Das, S., ... & Ray, S. (2024). Impact of meteorological and processing factors on metabolite composition of Darjeeling tea. *Journal of Analytical Science and Technology*, 15(1), 1–19.
4. Mandal, M., Roy, A., & **Sarkar, A.** (2024). Understanding the possible cellular responses in plants under micro(nano)-plastic (MNPs): Balancing the structural harmony with functions. *Science of The Total Environment*, 957, 177732. <https://doi.org/10.1016/j.scitotenv.2024.177732>
5. Chatterjee, S., Mandal, M., Kakkar, M., Basak, G., Khan, N. B., Chakraborty, R., ... & Barman, C. (2024). An insight to strategical responses of particulate pollution in plants: From phenome to genome. *Plant Stress*, 100671. <https://doi.org/10.1016/j.stress.2024.100671>
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10. Mandal, M., Roy, A., Popek, R., & **Sarkar, A.** (2024). Micro-and nano-plastic degradation by bacterial enzymes: A solution to 'white pollution'. *The Microbe*, 100072. <https://doi.org/10.1016/j.microb.2024.100072>
11. Mandal, M., Roy, A., Das, S., Rakwal, R., Agrawal, G. K., Singh, P., Awasthi, A., & **Sarkar, A.*** (2024). Food waste-based bio-fertilizers production by bio-based fermenters and their potential impact on the environment. *Chemosphere*, 141539. <https://doi.org/10.1016/j.chemosphere.2024.141539>
12. Das, S., Barman, C., Roy, A., Mandal, M., Popek, R., ... & **Sarkar, A.*** (2024). Air pollution may alter reproductive dynamics/efficacy in plants: Correlative evidences from an urban sprawl in Eastern Indo-Gangetic Plain. *Aerobiologia*. <https://doi.org/10.1007/s10453-024-09811-3>
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Specialization:

- Reproductive Ecology of Angiosperms

Published:

- **Journal Articles: 08;** **Book Chapters: 01**

Journal Articles:

1. Chatterjee, S., Barman, P., **Barman, C.**, Majumdar, S., & Chakraborty, R. (2024). Multimodal cadmium resistance and its regulatory networking in *Pseudomonas aeruginosa* strain CD3. *Scientific Reports.*, 14 (1), 31689 *Nature Portfolio*, [10.1038/s41598-024-80754-y](https://doi.org/10.1038/s41598-024-80754-y) (Impact factor: 3.8)
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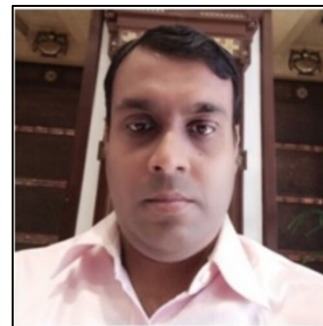
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Specialization:

- Genetics
- Plant Tissue Culture

Published:

- **Journal Articles: 51;** **Books:16**

Journal Articles:

1. **Sil, S. K.**, et al. (2025). Nano selenium modulates ripening of *Capsicum* fruit under postharvest storage: Cellular redox and related physiological characteristics. *Food Chemistry*, 472, 142853. Elsevier. <https://doi.org/10.1016/j.foodchem.2025.142853> ISSN 1873-7072
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Journal Articles:

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45. Mandal,M., PaulmS.,Uddin, Md.R., Mondal,M.A., Mandal,S.&**Mandal,V.**(2016).*In vitro* antibacterial potential of *Hydrocotyle javanica* Thunb. *Asian Pacific Journal of Tropical Disease* (APJTD), 6(1): 54 – 62.Elsevier B.V.[https://doi.org/10.1016/S2222-1808\(15\)60985-9](https://doi.org/10.1016/S2222-1808(15)60985-9)
46. **Mandal, V.**, Sen, S.K.& Mandal, N.C. (2013). Production and partial characterization of an inducer-dependent novel antifungal compound(s) by *Pediococcus acidilactici* LAB 5. *Journal of the Science of Food and Agriculture*, 93:2445 – 2453. Elsevier B.V. <https://doi.org/10.1002/jsfa.6055>
47. **Mandal, V.**, Sen, S.K.& Mandal, N.C. (2011). Isolation and characterization of pediocin NV 5 producing *Pediococcus acidilactici* LAB 5 from vacuum-packed fermented meat product. *Indian Journal of Microbiology*, 51: 22 – 29. Springer Nature. <https://doi.org/10.1007/s12088-011-0070-0>
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51. **Mandal, V.**, Sen, S.K.& Mandal, N.C. (2007). Detection, isolation and partial characterization of antifungal compound(s) produced by *Pediococcus acidilactici* LAB 5. *Natural Product Communications*, 2(6): 671 – 674. Sage Journals.<https://doi.org/10.1177/2F1934578X0700200610>
52. Bakshi, D., Sinhababu, A., **Mandal, V.**& Mandal, N.C. (2006). Change of carbon metabolic activity of *Rhizobium* under carbon starvation. *Journal of Plant Biochemistry and Biotechnology*, 15: 67 – 69. NIScPR Online Periodicals Repository. <https://doi.org/10.1007/BF03321906>

Books:

1. **Mandal, V.**& Mandal, N.C. (2010). Bacteriocins and Antifungal Compounds for food preservation. VDM Verlag Dr. Muller GmbH & Co. KG, Dudweiler Landstr. 99, 66123 Saarbrücken, Germany; ISBN: 978-3-639-30007-9.

Book Chapters:

1. Mitra, P. K., Adhikary, R., & **Mandal, V.** (2023). Current status of mycorrhizal biofertilizer in crop improvement and its future prospects. In P. Mathur, R. Kapoor, & S. Roy (Eds.), *Microbial symbionts and plant health: Trends and applications for changing climate* (Chapter 17, pp. 465–485). Springer Nature Singapore Pte Ltd. https://doi.org/10.1007/978-981-99-0030-5_17
2. Mondal, P., Khan, A. A., Dutta, T., Baildya, N., **Mandal, V.**, Ghosh, N. N., & Choudhury, S. (2023). Nanosilver in the food sector: Prospects and challenges. In S. ul Islam, C. M. Hussain, & S. K. Shukla (Eds.), *Antiviral and antimicrobial coatings based on functionalized nanomaterials* (pp. 191–219). Elsevier. <https://doi.org/10.1016/B978-0-323-91783-4.00004-8> (ISBN: 978-0-323-91783-4)
3. Mitra, P. K., & **Mandal, V.** (2022). Post-Green Revolution degradation of agricultural land in India: Role of mycorrhizae in the sustainability of agriculture and ecosystems. In S. Roy, P. Mathur, A. P. Chakraborty, & S. P. Saha (Eds.), *Plant stress: Challenges and management in the new decade* (pp. 349–357). Springer. https://doi.org/10.1007/978-3-030-95365-2_22 (ISBN: 978-3-030-95364-5; e-ISBN: 978-3-030-95365-2)
4. Chakraborty, R., & **Mandal, V.** (2021). Role of phytomedicine in alleviating oxidative stress-mediated vascular complications in diabetes. In S. C. Mandal, R. Chakraborty, & S.

- Sen (Eds.), *Evidence-based validation of traditional medicines*. Springer Nature. https://doi.org/10.1007/978-981-15-8127-4_7
5. Chowdhury, S. K., Misra, D., & **Mandal, V.** (2020). Medicinal plant-derived antimicrobials' fight against multidrug-resistant pathogens. In T. Aftab & K. Hakeem (Eds.), *Medicinal and aromatic plants* (Chapter 17). Springer Nature Switzerland. https://doi.org/10.1007/978-3-030-58975-2_17
 6. Misra, D., Mandal, M., Mandal, S., & **Mandal, V.** (2019). In-vitro antibiofilm activity of ethyl acetate fraction of *Monochoria hastata* (L.) Solms. In *Biotechnology and biological sciences: Proceedings of the 3rd International Conference of Biotechnology and Biological Sciences (BIOSPECTRUM 2019), August 8–10, 2019, Kolkata, India*. Taylor & Francis Group.
 7. Mandal, M., Misra, D., & **Mandal, V.** (2019). Antioxidant and nutritional properties of *Hydrocotyle javanica* Thunb. In *Biotechnology and biological sciences: Proceedings of the 3rd International Conference of Biotechnology and Biological Sciences (BIOSPECTRUM 2019), August 8–10, 2019, Kolkata, India*. Taylor & Francis Group.
 8. Adhikary, R., Bhattacharya, A., & **Mandal, V.** (2018). Unplanned crop rotation and plantation affect seed health of crop plants: A case study. In A. Sarkar, V. Mandal, S. K. Sil, S. Majumdar, & C. Barman (Eds.), *Defining modern biology: Plants and microbes*. (ISBN: 978-93-86564-02-3)
 9. Mandal, M., Sahu, P., & **Mandal, V.** (2018). Phytochemical screening and antibacterial potentiality of the extracts of *Solanum sisymbriifolium* Lam. In A. Sarkar, V. Mandal, S. K. Sil, S. Majumdar, & C. Barman (Eds.), *Defining modern biology: Plants and microbes*. (ISBN: 978-93-86564-02-3)
 10. **Mandal, V.**, De, B., & **Mandal, V.** (2018). Potential antidiabetic property of fruits of *Aegle marmelos* (L.) Correa ex Roxb. (*Rutaceae*). In A. Sarkar, V. Mandal, S. K. Sil, S. Majumdar, & C. Barman (Eds.), *Defining modern biology: Plants and microbes*. (ISBN: 978-93-86564-02-3)
 11. Misra, D., Mukherjee, A., & **Mandal, V.** (2018). Diversity and assemblage of aquatic macrophytes in wetlands of Kaliachak-I Block in Malda. In A. Sarkar, V. Mandal, S. K. Sil, S. Majumdar, & C. Barman (Eds.), *Defining modern biology: Plants and microbes*. (ISBN: 978-93-86564-02-3)
 12. **Mandal, V.**, & Mandal, N. C. (2011). New health potentials of orally consumed probiotic microorganisms. In M. T. Liong (Ed.), *Microbiology monograph on probiotics* (Vol. 21, pp. 167–189). Springer-Verlag GmbH. https://doi.org/10.1007/978-3-642-20838-6_7 (ISSN: 1862-5576; ISBN: 978-3-642-20837-9)

2.2 Department of Chemistry

The Department of Chemistry is a full-fledged Department of this University, having three permanent faculty members and forty-nine students each semester. In the Chemistry Department at the University of Gour Banga, we seek to explore and expand the frontiers of modern chemistry. Department of Chemistry offers excellent education and strives to provide a complete yet inspiring and supporting environment for our students, faculty, and visitors. The Department is very strongly committed to obtaining and maintaining state-of-the-art instrumentation facilities. The Chemistry Department plans to tie up with industrial laboratories to get opportunities to develop new technologies and Academy-industry entrepreneurship. The strong research profile of the faculty members speaks for itself about the academic and societal contributions of the department.

- Year of establishment: 2012
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Sadananda Mandal

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Physical Chemistry

Published:

- **Journal Articles: 16;**
- **Book Chapters: 01**

Journal Articles:

1. **Mandal, S.**, Bhattacharyya, S., Borovkov, V. V., & Patra, A. (2011). Porphyrin-based functional nanoparticles: Conformational and photophysical properties of bis-porphyrin and bis-porphyrin encapsulated polymer nanoparticles. *The Journal of Physical Chemistry C*, 115(49), 24029–24036. <https://doi.org/10.1021/jp208819b>
2. Sen, T., **Mandal, S.**, Haldar, S., Chattopadhyay, K., & Patra, A. (2011). Interaction of gold nanoparticle with human serum albumin (HSA) protein using surface energy transfer. *The Journal of Physical Chemistry C*, 115(49), 24037–24044. <https://doi.org/10.1021/jp207374g>
3. Sen, T., Bhattacharyya, S., **Mandal, S.**, & Patra, A. (2012). Spectroscopic investigations on the H-type aggregation of coumarin 153 dye molecules: Role of Au nanoparticles and γ -

- cyclodextrin. *Journal of Fluorescence*, 22(2), 303–310. <https://doi.org/10.1007/s10895-011-0961-9>
4. **Mandal, S.**, Bhattacharyya, S., Borovkov, V. V., & Patra, A. (2012). Photophysical properties, self-assembly behavior, and energy transfer of porphyrin-based functional nanoparticles. *The Journal of Physical Chemistry C*, 116(20), 11401–11407. <https://doi.org/10.1021/jp302462j>
 5. Haldar, K. K., Sen, T., **Mandal, S.**, & Patra, A. (2012). Photophysical properties of Au-CdTe hybrid nanostructures of varying sizes and shapes. *ChemPhysChem*, 13(17), 3989–3996. <https://doi.org/10.1002/cphc.201200446>
 6. **Mandal, S.**, Rahaman, M., Nayak, S. K., & Patra, A. (2013). Fluorescence switching of quantum dot in quantum dot–porphyrin–cucurbit[7]uril assemblies. *The Journal of Physical Chemistry C*, 117(6), 3069–3077. <https://doi.org/10.1021/jp3100188>
 7. Kar, A., Kundu, A., Bhattacharyya, S., **Mandal, S.**, & Patra, A. (2013). Lanthanide-based resonance energy transfer (LRET) between Ce-doped LaPO₄ nanorods and coumarin 440 dye. *RSC Advances*, 3(29), 13372–13380. <https://doi.org/10.1039/C3RA40728D>
 8. **Mandal, S.**, Nayak, S. K., Mallampalli, S., & Patra, A. (2014). Surfactant-assisted porphyrin-based hierarchical nano/micro assemblies and their efficient photocatalytic behavior. *ACS Applied Materials & Interfaces*, 6(1), 130–136. <https://doi.org/10.1021/am403518d>
 9. Debgupta, J., **Mandal, S.**, Kalita, H., Aslam, M., Patra, A., & Pillai, V. (2014). Photophysical and photoconductivity properties of thiol-functionalized graphene–CdSe QD composites. *RSC Advances*, 4(27), 13788–13795. <https://doi.org/10.1039/C3RA47420H>
 10. **Mandal, S.**, Kundu, S., Bhattacharyya, S., & Patra, A. (2014). Photophysical properties of ionic liquid-assisted porphyrin nanoaggregate-nickel phthalocyanine conjugates and singlet oxygen generation. *Journal of Materials Chemistry C*, 2(44), 8691–8699. <https://doi.org/10.1039/C4TC01543F>
 11. **Mandal, S.**, Bera, R., Das, S., Nayak, S. K., Pramanik, A., & Patra, A. (2015). Photon harvesting in sunscreen-based functional nanoparticles. *ChemPhysChem*, 16(17), 3618–3624. <https://doi.org/10.1002/cphc.201500780>
 12. Bera, R., **Mandal, S.**, Mondal, B., Jana, B., Nayak, S. K., & Patra, A. (2016). Graphene oxide-porphyrin nanorod composites for solar light harvesting. *ACS Sustainable Chemistry & Engineering*, 4(3), 1562–1568. <https://doi.org/10.1021/acssuschemeng.5b01504>
 13. **Mandal, S.**, Bera, R., Mondal, B., Nayak, S. K., & Patra, A. (2016). A ternary system of quantum dot-porphyrin-semiconducting organic nanoparticles for light harvesting. *Synthetic Metals*, 222, 76–83. <https://doi.org/10.1016/j.synthmet.2016.03.017>
 14. **Mandal, S.***, Iglesias, M. G., Ince, M., Torres, T., & Tkachenko, N. V. (2018). Photoinduced energy transfer in ZnCdSeS quantum dot-phthalocyanines hybrids. *ACS Omega*, 3(8), 10048–10057. <https://doi.org/10.1021/acsomega.8b01623>
 15. **Mandal, S.***, George, L., & Tkachenko, N. V. (2018). Charge transfer dynamics in CsPbBr₃ perovskite quantum dots-anthraquinone/fullerene (C₆₀) hybrids. *Nanoscale*, 11(2), 862–869. <https://doi.org/10.1039/C8NR08445A>

16. **Mandal, S.***, & Tkachenko, N. V. (2019). Multiphoton excitation CsPbBr₃ perovskite quantum dots (PQDs): How many electrons can one PQD donate to multiple molecular acceptors? *The Journal of Physical Chemistry Letters*, 10(11), 2775–2781. <https://doi.org/10.1021/acs.jpcllett.9b01045>

Book Chapter:

1. **S. Mandal** and A. Patra.(2016). Porphyrin Based Functional Nanomaterials and Their Functionalities” Book Chapter, CRC Handbook 2016, ISBN:9781482245950-CAT#K23560.

Shubhamoy Chowdhury

M.Sc., Ph.D.

Professor



Specialization:

- Inorganic Chemistry

Published:

- **Journal Articles: 75.**

Journal Articles:

1. Boruah, S. R., Purkayastha, R. N. D., **Chowdhury, S.**, Das, P., Gomila, R. M., & Frontera, A. (2024). Synthesis, structural characterization, DNA binding ability and luminescent sensing of nitroaromatics by a mononuclear zinc(II) carboxylate complex. *Inorganica Chimica Acta*, 572, 122247. <https://doi.org/10.1016/j.ica.2023.122247>
2. Bandyopadhyay, N., Mandal, N. K., Haque, L., Das, S., **Chowdhury, S.**, & Naskar, J. P. (2024). Synthesis, crystal structure, Hirshfeld surface analysis and theoretical studies of an oxime-based ligand: DNA binding and docking studies of its novel Pd(II) complex. *Journal of Molecular Structure*, 1310, 138358. <https://doi.org/10.1016/j.molstruc.2023.138358>
3. Mandal, A., Goswami, T., & **Chowdhury, S.** (2023). A computational exploration of exohedrally transition metal doped Si₉₄– superatom based magnetic MSi₉M' clusters (M, M' = Sc(II) to Cu(II)). *Journal of Physical Chemistry A*, 127, 9885–9894. <https://doi.org/10.1021/acs.jpca.3c08542>
4. Dutta, A., Mondal, S., Biswas, S., Kamble, V. B., **Chowdhury, S.**, & Ghosh, R. (2023). Synthesis, spectroscopic characterization and solid-state electrical behavior of [Ni(L)₂] [L=1,2-di(4-methoxyphenyl)ethene-1,2-dithiolate]: A computational investigation on UV–vis-NIR absorption and electrical transport. *Journal of Coordination Chemistry*, 76(5-6), 771-782. <https://doi.org/10.1080/00958972.2023.2190512>
5. Mandal, N. K., Bandyopadhyay, N., Arya, P., **Chowdhury, S.**, Raghav, N., & Naskar, J. P. (2023). Synthesis, characterization, structure, in vitro enzymatic activity and sensing aspects of a copper(II)

- complex stabilized from a naphthaldehyde-based Schiff base ligand. *Inorganica Chimica Acta*, 544, 121229. <https://doi.org/10.1016/j.ica.2023.121229>
6. Chakrabarti, A., Banerjee, J., Chakravarty, S., Samanta, S., Nath, M., Chattopadhyay, S., Sarkar, S., Banerjee, S. M., **Chowdhury, S.**, Dash, S. K., & Bandyopadhyay, A. (2022). Exploration of structural and magnetic aspects of biocompatible cobalt ferrite nanoparticles with canted spin configuration and assessment of their selective anti-leukemic efficacy. *Journal of Magnetism and Magnetic Materials*, 563, 169957. <https://doi.org/10.1016/j.jmmm.2022.169957>
 7. Das, N., Bhattacharjee, M., Boruah, S. R., **Chowdhury, S.**, & Purkayastha, R. N. D. (2022). Some contribution to W(VI)-peroxo-chemistry: Synthesis, spectroscopic characterization, reactivity and DFT studies. *Journal of the Indian Chemical Society*, 99, 100327. <https://doi.org/10.1016/j.jics.2022.100327>
 8. Dutta, A., Chatterjee, A., Sarkar, T., **Chowdhury, S.**, Kamble, V. B., & Ghosh, R. (2021). Synthesis, structural characterization and variable temperature electrical conductivity of a pentanuclear Pd(II)dithiolato complex. *Inorganic Chemistry Communications*, 133, 108889. <https://doi.org/10.1016/j.inoche.2021.108889>
 9. Mondal, J., Sahu, M., Sharma, B., Ganguly, R., **Chowdhury, S.**, & Patra, G. K. (2021). Synthesis, crystal structure, and theoretical studies of a macrocyclic silver(I) complex of imino-pyridyl Schiff base ligand. *European Journal of Chemistry*, 12, 248-255. <https://doi.org/10.5155/eurjchem.12.3.248-255.2192>
 10. Chatterjee, A., Seikh, Md. M., **Chowdhury, S.**, & Ghosh, R. (2021). Catecholase and catechol cleavage activities of a dinuclear phenoxo-bridged Cu(II) complex: Synthesis, structure and magnetostructural studies. *Inorganica Chimica Acta*, 521, 120345. <https://doi.org/10.1016/j.ica.2021.120345>
 11. Bhattacharjee, M., Boruah, S. R., Purkayastha, R. N. D., Ganguly, R., Maiti, D., Franconetti, A., Frontera, A., Kirillov, A. M., **Chowdhury, S.**, & Roy, S. (2021). Synthesis, characterization, DNA binding ability, in vitro cytotoxicity, electrochemical properties and theoretical studies of copper(II) carboxylate complexes. *Inorganica Chimica Acta*, 518, 120235. <https://doi.org/10.1016/j.ica.2021.120235>
 12. Chowdhury, S. K., Dutta, T., Chattopadhyay, A. P., Ghosh, N. N., **Chowdhury, S.**, & Mandal, V. (2021). Isolation of antimicrobial tridecanoic acid from *Bacillus* sp. LBF-01 and its potentialization through silver nanoparticles synthesis: A combined experimental and theoretical study. *Journal of Nanostructure in Chemistry*, 4, 573-587. <https://doi.org/10.1007/s40097-021-00432-6>
 13. Sahu, M., Manna, A. K., **Chowdhury, S.**, & Patra, G. K. (2020). A novel dihydro phenylquinazolinone-based two-in-one colorimetric chemosensor for nickel(II), copper(II) and its copper complex for the fluorescent colorimetric nanomolar detection of the cyanide anion. *RSC Advances*, 10, 44860–44875. <https://doi.org/10.1039/D0RA07507K>
 14. Chandra, R., Sahu, M., Manna, A. K., Rout, K., **Chowdhury, S.**, & Patra, G. K. (2020). Ether-based flexible bis Schiff base fluorescent colorimetric chemosensors for selective and sensitive detection of HF₂⁻ ion. *Journal of Photochemistry & Photobiology A: Chemistry*, 389, 112179. <https://doi.org/10.1016/j.jphotochem.2020.112179>
 15. Mandal, N. K., Guhathakurta, B., Basu, P., Pradhan, A. B., Purohit, C. S., **Chowdhury, S.**, & Naskar, J. P. (2019). DNA and RNA binding studies on a novel bromobridged dimeric copper(II) complex stabilized from a Schiff base ligand. *Journal of Coordination Chemistry*, 72, 3625-3644. <https://doi.org/10.1080/00958972.2019.1683697>

16. Manna, A. K., **Chowdhury, S.**, & Patra, G. K. (2019). A novel hydrazide-based selective and sensitive optical chemosensor for the detection of Ni²⁺ ions: Applications in live cell imaging, molecular logic gates, and smartphone-based analysis. *Dalton Transactions*, 48, 12336. <https://doi.org/10.1039/C9DT02656A>
17. Manna, A. K., Rout, K., **Chowdhury, S.**, & Patra, G. K. (2019). A dual-mode highly selective and sensitive Schiff base chemosensor for fluorescent colorimetric detection of Ni²⁺ and colorimetric detection of Cu²⁺. *Photochemical & Photobiological Sciences*, 18, 1512-1525. <https://doi.org/10.1039/C9PP00290E>
18. Das, N., **Chowdhury, S.**, & Purkayastha, R. N. D. (2019). Peroxo–tungstate(VI) complexes: Syntheses, characterization, reactivity, and DFT studies. *Monatshefte für Chemie - Chemical Monthly*, 150, 1255–1266. <https://doi.org/10.1007/s00706-019-02466-2>
19. Saha, B., Saha, P., Mandal, A., Naskar, J. P., Maiti, D., & **Chowdhury, S.** (2018). Sequential detection of Cu²⁺ and cysteine using an imidazole-based chemosensor in aqueous solution. *Journal of the Chinese Chemical Society*, 65(9), 1021-1147. <https://doi.org/10.1002/jccs.201800184>
20. Saha, P., Naskar, J. P., Majumder, S., Saha, B., Ganguly, R., Bhattacharya, A., & **Chowdhury, S.** (2018). Experimental and computational studies on a new mixed ligand oxido–rhenium(V) compound. *Journal of the Chinese Chemical Society*, 65, 1035-1043. <https://doi.org/10.1002/jccs.201800185>
21. Ghorai, A., Mondal, J., Manna, A. K., **Chowdhury, S.**, & Patra, G. K. (2018). A novel pyrene-based highly selective reversible fluorescent-colorimetric sensor for the rapid detection of Cu²⁺ ions: Application in bio-imaging. *Analytical Methods*, 10, 1063. <https://doi.org/10.1039/C7AY02647A>
22. Pal, A., Kumar, S. C., Mitra, P., **Chowdhury, S.**, & Ghosh, R. (2017). A green polymeric zinc(II) complex: Synthesis, structural characterization, and theoretical studies. *Indian Journal of Chemistry*, 56A, 1317-1320. ISSN: 0376-4710
23. Bhattacharya, A., Saha, P., Saha, B., Maiti, D., Mitra, P., Naskar, J. P., & **Chowdhury, S.** (2017). A combination of experimental and computational studies on a new oxamido bridged dinuclear copper(II) complex. *Journal of Molecular Structure*, 1146, 43-49. <https://doi.org/10.1016/j.molstruc.2017.05.039>
24. Guhathakurta, B., Basu, P., Purohit, C. S., Bandyopadhyay, N., Kumar, G. S., **Chowdhury, S.**, & Naskar, J. P. (2017). Synthesis, characterization, structure, DNA binding aspects and molecular docking study of a novel Schiff base ligand and its bis(l-chloro) bridged Cu(II) dimer. *Polyhedron*, 126, 195-204. <https://doi.org/10.1016/j.poly.2017.02.010>
25. Das, N., **Chowdhury, S.**, & Purkayastha, R. N. D. (2017). Syntheses, structural characterization, reactivity, and theoretical studies on some heteroligand oxoperoxotungstate(VI). *Journal of the Chinese Chemical Society*, 64, 43-54. <https://doi.org/10.1002/jccs.201600169>
26. **Chowdhury, S.**, Bhattacharya, A., Saha, P., Majumder, S., Suresh, E., & Naskar, J. P. (2016). Fluorescence resulting from π - π stacking in a copper(II) complex with a ligand based on benzimidazole. *Journal of Coordination Chemistry*, 69, 3664–3676. <https://doi.org/10.1080/00958972.2016.1242194>
27. Ghorai, A., Mondal, J., **Chowdhury, S.**, & Patra, G. K. (2016). Solvent-dependent fluorescent-colorimetric probe for dual monitoring of Al³⁺ and Cu²⁺ in aqueous solution: An application to bio-imaging. *Dalton Transactions*, 45, 11540. <https://doi.org/10.1039/C6DT01837A>

28. Bandyopadhyay, N., Pradhan, A. B., Das, S., Lu, L., Zhu, M., **Chowdhury, S.**, & Naskar, J. P. (2016). Synthesis, structure, DFT calculations, electrochemistry, fluorescence, DNA binding and molecular docking aspects of a novel oxime-based ligand and its palladium(II) complex. *Journal of Photochemistry & Photobiology, B: Biology*, 160, 336–346. <https://doi.org/10.1016/j.jphotobiol.2016.03.035>
29. Bhattacharya, A., Naskar, J. P., Majumder, S., Ganguly, R., Saha, P., & **Chowdhury, S.** (2016). A new oxorhenium(V) complex with benzothiazole-derived ligand: Relative stability and global chemical reactivity indices. *Inorganica Chimica Acta*, 447, 168–175. <https://doi.org/10.1016/j.ica.2016.04.019>
30. Saha, P., Naskar, J. P., Bhattacharya, A., Ganguly, R., Saha, B., & **Chowdhury, S.*** (2016). Oxo and phenylimido rhenium(V) complexes with a N, O donor ligand: A combination of experimental and theoretical aspects. *Journal of Coordination Chemistry*, 69(2), 303–317.
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Journal Articles:

1. Mondal, S., Habib, M., Sarkar, R., & **Pal, S.** (2024). Prolonged exciton lifetime is achieved in porphyrin nanoring by template engineering: A nonadiabatic tight binding approach. *The Journal of Physical Chemistry Letters*, 15(17), 4737-4744.
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55. Sahoo, S. K., **Pal, S.**, Sarkar, P., & Majumder, C. (2011). Size-dependent electronic structure of rutile TiO₂ quantum dots. *Chemical Physics Letters*, 516(1), 68–71.
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62. Goswami, B., **Pal, S.**, & Sarkar, P. (2008). A theoretical study on the electronic structure of ZnSe/ZnS and ZnS/ZnSe core/shell nanoparticles. *The Journal of Physical Chemistry C*, 112(31), 11630-11636.
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69. **Pal, S.**, Goswami, B., & Sarkar, P. (2005). A theoretical study on size-dependent properties of rock-salt ZnS clusters. *Computing Letters*, 1(4), 297-303.
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71. **Pal, S.**, Goswami, B., & Sarkar, P. (2005). Size-dependent properties of Zn_mS_n clusters: A density-functional tight-binding study. *The Journal of Chemical Physics*, 123(4), 044311.

Books:

1. **Pal, S.**, Sarkar, R., & Habib, M. (2024). *Photoinduced carrier dynamics in CNT nanohybrid: An insight from DFTB-NAMD*. Eliva Press. ISBN: 978-99993-1-597-5.

Book Chapters:

1. Sarkar, S., Saha, S., **Pal, S.**, & Sarkar, P. (2016). Exploring the electronic structure of nanohybrid materials for their application in solar cells. In M. Springborg (Ed.), *Chemical Modelling: Applications and Theory*. Royal Society of Chemistry.

2. **Pal, S.,** Sarkar, S., Saha, S., & Sarkar, P. (2012). Size-dependent electronic structure of semiconductor nanoparticles. In M. Springborg (Ed.), *Chemical Modelling: Applications and Theory*. Royal Society of Chemistry.
3. **Pal, S.,** & Sarkar, P. (Year). Size and shape dependent structural and electronic properties of metal chalcogenide nanoclusters. In P. K. Chattaraj (Ed.), *Aromaticity and Metal Clusters*. CRC Press, Taylor & Francis.

2.3 Department of Computer Science

The Department of Computer Science commenced its academic journey in 2012 with an initial cohort of 20 students. It is currently staffed by three assistant professors: Debasmita Saha, Dr. Abu Sufian, and Farhana Sultana, the current Head of the Department. The department has successfully established a project laboratory and a programming language practice laboratory and boasts a smart classroom. The department's students are actively engaged in projects related to Data Mining, Natural Language Processing, Image Processing, and Android app development. Notably, they are involved in research projects focused on Deep Learning and Computer Vision and their applications in healthcare and combating Deepfake technology. The department organizes seminars, workshops, special lectures, and symposiums each semester to broaden students' knowledge and enhance their communication skills. Students from the department have qualified in prestigious examinations such as NET, SET, and GATE, and many are pursuing Ph.D. programs at esteemed institutions like the University of North Bengal, Visva-Bharati, and IIT Guwahati. Department students who have graduated have secured positions across various sectors, including education, banking, healthcare, DRDO, and the IT industry. The department is committed to continually improving the quality of education and actively encourages local students to pursue studies in this technical field.

- Year of establishment: 2012
- Programmes offered: M.Sc.

Faculty publications of this Department are as follows:

Abu Sufian

MCA, Ph.D.

Assistant Professor

Specialization:

- Algorithm,
- Computer Vision,
- Deep Learning

Published:

- **Journal Articles: 22; Book Chapters: 06;**
- **Conference/Seminar Proceedings: 13.**



Journal Articles:

1. Alam, E., **Sufian, A.**, Dutta, P., Leo, M., & Hameed, I. A. (2024). GMDCSA-24: A dataset for human fall detection in videos. *Data in Brief*, 57, 110892, Elsevier, <https://doi.org/10.1016/j.dib.2024.110892>.
2. Banerjee, A., Gupta, S. K., Gupta, P., **Sufian, A.**, Srivastava, A., & Kumar, M. (2023). UAV-IoT collaboration: energy and time-saving task scheduling scheme. *International Journal of Communication Systems*, 36 (14), e5555, Wiley, <https://doi.org/10.1002/dac.5555>.
3. Ghosh, S., Banerjee, A., **Sufian, A.**, Gupta, S. K., Alsamhi, S. H., & Saif, A. (2023). Efficient selfish node detection using SVM in IoT-MANET environment. *Transactions on Emerging Telecommunications Technologies*, 34 (12), e4858, Wiley, <https://doi.org/10.1002/ett.4858>.
4. Banerjee, A., **Sufian, A.**, Srivastava, A., Gupta, S. K., Kumari, S., & Kumar, S. (2023). An energy and time-saving task scheduling algorithm for UAV-IoT collaborative system. *Microprocessors and Microsystems*, 101, 104875, Elsevier, <https://doi.org/10.1016/j.micpro.2023.104875>.
5. Banerjee, A., **Sufian, A.**, Dutta, P., & Rahman, M. H. (2023). Minus HELLO: HELLO Devoid Protocols for Energy Preservation in Mobile Ad-hoc Networks. *Sustainable Computing: Informatics and Systems*, 38, 100852, Elsevier, <https://doi.org/10.1016/j.suscom.2023.100852>.
6. Al-Naeem, M., Hafizur Rahman, M. M., Banerjee, A., & **Sufian, A.** (2023). Support vector machine-based energy efficient management of UAV locations for aerial monitoring of crops over large agricultural lands. *Sustainability*, 15 (8), 6421, MDPI, <https://doi.org/10.3390/su15086421>.
7. Rahman, M. H., Al-Naeem, M., Banerjee, A., & **Sufian, A.** (2023). EETO-GA: Energy efficient trajectory optimization of UAV-IoT collaborative system using genetic algorithm. *Applied Sciences*, 13 (4), 2535, MDPI, <https://doi.org/10.3390/app13042535>.
8. Momin, M. S., **Sufian, A.**, Barman, D., Dutta, P., Dong, M., & Leo, M. (2022). In-home older adults' activity pattern monitoring using depth sensors: A review. *Sensors*, 22 (23), 9067, MDPI, <https://doi.org/10.3390/s22239067>.
9. Alam, E., Sufian, A., Dutta, P., & Leo, M. (2022). Vision-based human fall detection systems using deep learning: A review. *Computers in biology and medicine*, 146, 105626, Elsevier, <https://doi.org/10.1016/j.combiomed.2022.105626>.
10. **Sufian, A.**, Ghosh, A., Naskar, A., Sultana, F., Sil, J., & Rahman, M. H. (2022). Bdnet: Bengali handwritten numeral digit recognition based on densely connected convolutional neural networks. *Journal of King Saud University-Computer and Information Sciences*, 34 (6), 2610-2620, Elsevier, <https://doi.org/10.1016/j.jksuci.2020.03.002>.
11. Ghosh, S., Banerjee, A., **Sufian, A.**, & Gupta, S. K. (2022). Autoregressive moving average based anycast with support vector machine clustering in mobile ad-hoc networks. *Transactions on Emerging Telecommunications Technologies*, 33 (4), e4432, Wiley, <https://doi.org/10.1002/ett.4432>.
12. Banerjee, A., **Sufian, A.**, Paul, K. K., & Gupta, S. K. (2022). Edtp: Energy and delay optimized trajectory planning for uav-iot environment. *Computer Networks*, 202, 108623, Elsevier, <https://doi.org/10.1016/j.comnet.2021.108623>.
13. Banerjee, A., **Sufian, A.**, Sadiq, A. S., & Mirjalili, S. (2021). Minimum energy transmission forest-based geocast in software-defined wireless sensor networks. *Transactions on Emerging Telecommunications Technologies*, 32 (9), e4253, Wiley, <https://doi.org/10.1002/ett.4253>.

14. Rahman, M. H., Al-Naeem, M., Ali, M. N., & **Sufian, A.** (2020). TFBN: A cost effective high performance hierarchical interconnection network. *Applied Sciences*, 10 (22), 8252, MDPI, <https://doi.org/10.3390/app10228252>.
15. **Sufian, A.**, Ghosh, A., Sadiq, A. S., & Smarandache, F. (2020). A survey on deep transfer learning to edge computing for mitigating the COVID-19 pandemic. *Journal of Systems Architecture*, 108, 101830, Elsevier, <https://doi.org/10.1016/j.sysarc.2020.101830>.
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17. Banerjee, A., & **Sufian, A.** (2021). Smart-Green-Mult (SGM): Overhear from topological kingpins in software defined wireless sensor networks. *Journal of Ambient Intelligence and Humanized Computing*, 12 (1), 387-404, Springer, <https://doi.org/10.1007/s12652-020-01984-2>.
18. **Sufian, A.**, Banerjee, A., & Dutta, P. (2019). Energy and velocity based tree multicast routing in mobile ad-hoc networks. *Wireless Personal Communications*, 107 (4), 2191-2209, Springer, <https://doi.org/10.1007/s11277-019-06378-y>.
19. Banerjee, A., Dutta, P., & **Sufian, A.** (2019). Movement guided management of topology (MGMT) with balanced load in mobile ad hoc networks. *International Journal of Information Technology*, 11, 149-158, Springer, <https://doi.org/10.1007/s41870-018-0143-y>.
20. **Sufian, A.**, Banerjee, A., & Dutta, P. (2019). Cheat-Proof Communication through Cluster Head (C3H) in Mobile Ad Hoc Network. *Pertanika Journal of Science and Technology*, 26(3), UPM Press), ISSN: 0128-7680.
21. Banerjee, A., Dutta, P., & **Sufian, A.** (2018). Fuzzy-controlled energy-efficient single hop clustering scheme with (FESC) in ad hoc networks. *International Journal of Information Technology*, 10, 313-327, Springer, <https://doi.org/10.1007/s41870-018-0133-0>.
22. Banerjee, A., **Sufian, A.**, & Dutta, P. (2018). EMR-PL: Energy-efficient multipath routing based on link life prediction in ad hoc networks. *Journal of Information and Optimization Sciences*, 39 (1), 285-301, Taylor & Francis, <https://doi.org/10.1080/02522667.2017.1374733>.

Book Chapters:

1. Sultana, F., **Sufian, A.**, & Dutta, P. (2023). Automatic diabetic retinopathy lesion segmentation in UW-OCTA images using transfer learning. In B. Sheng & M. Aubreville (Eds.), *Mitosis Domain Generalization and Diabetic Retinopathy Analysis (MIDOG DRAC 2022)* (Lecture Notes in Computer Science, Vol. 13597) (pp. 186-194). Springer, Cham. https://doi.org/10.1007/978-3-031-33658-4_18
2. Paul, K. K., Roy, J. D., Sarkar, S., Barai, S. K., **Sufian, A.**, Gupta, S. K., & Srivastava, A. (2022). Smart agriculture using UAV and deep learning: A systematic review. In N. Goyal, S. Sharma, A. K. Rana, & S. L. Tripathi (Eds.), *Internet of Things: Robotic and Drone Technology* (pp. 1-16). CRC Press. eBook ISBN: 9781003181613.
3. **Sufian, A.**, Alam, E., Ghosh, A., Sultana, F., De, D., & Dong, M. (2021). Deep learning in computer vision through mobile edge computing for IoT. In A. Mukherjee, D. De, S. K.

- Ghosh, & R. Buyya (Eds.), *Mobile Edge Computing* (pp. 443-471). Springer, Cham. https://doi.org/10.1007/978-3-030-69893-5_18
4. Sultana, F., **Sufian, A.**, & Dutta, P. (2020). A review of object detection models based on convolutional neural network. In J. Mandal & S. Banerjee (Eds.), *Intelligent Computing: Image Processing Based Applications* (Advances in Intelligent Systems and Computing, Vol. 1157) (pp. 1-16). Springer, Singapore. https://doi.org/10.1007/978-981-15-4288-6_1
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 6. Ghosh, A., **Sufian, A.**, Sultana, F., Chakrabarti, A., & De, D. (2020). *Fundamental concepts of convolutional neural network*. In V. Balas, R. Kumar, & R. Srivastava (Eds.), *Recent Trends and Advances in Artificial Intelligence and Internet of Things* (Intelligent Systems Reference Library, Vol. 172) (pp. 519-567). Springer, Cham. https://doi.org/10.1007/978-3-030-32644-9_36

Conference/Seminar Proceedings:

1. **Sufian, A.**, Leo, M., Distant, C., Ghosh, A. & Barman, D. (2024). Can Vision Transformers with ResNet's Global Features Fairly Authenticate Demographic Faces? *27th International Conference on Pattern Recognition (ICPR-2024)' Workshop: FAIRBIO*, December 1-5, 2024, Kolkata.
2. Banerjee, A., **Sufian, A.**, & Leo, M. (2024). Machine Learning Approaches for Analyzing Physiological Data in Remote Patient Monitoring. *18th European Conference on Computer Vision (ECCV-2024)' Workshop: 12th ACVR*, Sep 29th-Oct 4th, 2024, Milan.
3. **Sufian, A.**, Ghosh, A., Barman, D., Leo, M., Denzale, C., & Li, B. (2023). FewFaceNet: A Lightweight Few-Shot Learning-based Incremental Face Authentication for Edge Cameras. *In Proceedings of the IEEE/CVF International Conference on Computer Vision (ICCV-2023)' Workshop: 11th ACVR* (pp. 2018-2027), IEEE, <https://doi.org/10.1109/ICCVW60793.2023.00216>.
4. Alam, E., **Sufian, A.**, Dutta, P., & Leo, M. (2023). Real-Time human fall detection using a lightweight pose estimation technique. *In International Conference on Computational Intelligence in Communications and Business Analytics* (pp. 30-40), Springer, https://doi.org/10.1007/978-3-031-48879-5_3.
5. Sultana, F., Sufian, A., & Dutta, P. (2022). RIMNet: image magnification network with residual block for retinal blood vessel segmentation. *In 2022 IEEE Region 10 Symposium (TENSYP)* (pp. 1-6). IEEE, <https://doi.org/10.1109/TENSYP54529.2022.9864467>.
6. Alam, E., **Sufian, A.**, Das, A. K., Bhattacharya, A., Ali, M. F., & Rahman, M. H. (2021). Leveraging deep learning for computer vision: A review. *In 2021 22nd International Arab Conference on Information Technology (ACIT)* (pp. 1-8). IEEE, <https://doi.org/10.1109/ACIT53391.2021.9677361>.
7. **Sufian, A.**, You, C., & Dong, M. (2021). A deep transfer learning-based edge computing method for home health monitoring. *In 2021 55th annual conference on information sciences and systems (CISS)* (pp. 1-6). IEEE, <https://doi.org/10.1109/CISS50987.2021.9400321>.

8. **Sufian, A., Banerjee, A., & Dutta, P.** (2021). A tree multicast routing based on fuzzy mathematics in mobile ad-hoc networks. *In Applications of Internet of Things: Proceedings of ICCCIOT 2020* (pp. 107-117), Springer, https://doi.org/10.1007/978-981-15-6198-6_10.
9. **Sufian, A., Banerjee, A., & Dutta, P.** (2021). HFAIR: Hello Devoid Optimized Version of FAIR Protocol for Mobile Ad hoc Networks. *Intelligence Enabled Research: DoSIER 2020*, 45-54, Springer, https://doi.org/10.1007/978-981-15-9290-4_5.
10. **Sufian, A., Banerjee, A., & Dutta, P.** (2019). NC2H: cooperation among nodes through cluster heads in ad hoc network. *In International Conference on Communication, Devices and Computing* (pp. 139-147), Singapore, https://doi.org/10.1007/978-981-15-0829-5_14.
11. Sultana, F., **Sufian, A., & Dutta, P.** (2018). Advancements in image classification using convolutional neural network. *In 2018 Fourth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN)* (pp. 122-129). IEEE, <https://doi.org/10.1109/ICRCICN.2018.8718718>.
12. **Sufian, A., Banerjee, A., & Dutta, P.** (2017). FSNRP: Fuzzy-controlled priority scheduling of non-real time data packets in mobile ad-hoc networks. *In 2017 IEEE International Conference on Advanced Networks and Telecommunications Systems (ANTS)* (pp. 1-5). IEEE, <https://doi.org/10.1109/ANTS.2017.8384178>.
13. **Sufian, A., Banerjee, A., & Dutta, P.** (2016). Survey of various real and non-real-time scheduling algorithms in mobile ad hoc networks. *In Industry Interactive Innovations in Science, Engineering and Technology: Proceedings of the International Conference, I3SET 2016* (pp. 121-133), Springer, https://doi.org/10.1007/978-981-10-3953-9_13.

Debasmita Saha

MCA

Assistant Professor

Specialization:

- Medical Image Processing,
- Machine Learning

Published:

- **Journal Articles: 05; Book Chapters: 04;**
- **Conference/Seminar Proceedings: 04.**



Journal Articles:

1. Madhuri, N. S., Shailaja, K., **Saha, D.**, Revathy, P., Glory, K. B., & Sumithra, M. (2022). IoT-integrated smart grid management system for effective energy management. *Measurement: Sensors*, 100488. ISSN 2665-9174. <https://doi.org/10.1016/j.measen.2022.100488>
2. **Saha, D.**, Mandal, A., & Ghosh, R. (2022). MU Net: Ovarian follicle segmentation using modified U-Net architecture. *International Journal of Engineering and Advanced*

Technology, 11(4), 30–35. Blue Eyes Intelligence Engineering and Sciences Publication - BEIESP. <https://doi.org/10.35940/ijeat.d3419.0411422>

3. Das, B., Das, A., & **Saha, D.** (2021). Predicting seasonal variation in habitat distribution of Himalayan newt (*Tylototriton verrucosus*) in Darjeeling District, India. *International Journal of Ecology and Environmental Sciences*, 47(2), 125–134. ISSN 2320-5199 (Online).
4. **Saha, D.**, & Mandal, A. (2016). Design and performance evaluation of advanced priority-based dynamic round-robin scheduling algorithm (APBDRR). *International Journal of Computer Sciences and Engineering*, 4(1), 78–84. E-ISSN 2347-2693.
5. **Saha, D.**, Mandal, A., & Pal, S. C. (2015). User interface design issues for easy and efficient human-computer interaction: An explanatory approach. *International Journal of Computer Sciences and Engineering*, 3(1), 127–135. E-ISSN 2347-2693.

Book Chapters:

1. Biswas, S. K., Dasari, A. K., Hossain, M. S., Rousanuzzaman, Bhattacharya, A., **Saha, D.**, & Das, A. K. (2024). Performance of ensemble learning techniques for network-based intrusion detection system (NIDS): A comparative study. In J. C. Bansal, S. Borah, S. Hussain, & S. Salhi (Eds.), *Computing and Machine Learning. CML 2024* (Vol. 1108, *Lecture Notes in Networks and Systems*). Springer, Singapore. https://doi.org/10.1007/978-981-97-6588-1_30
2. **Saha, D.**, Mandal, A., Biswas, S. K., Chowdhury, S. C., Bhattacharya, A., & Das, A. K. (2024). Speckle noise removal from three-dimensional ultrasound images of ovaries. In J. C. Bansal, S. Borah, S. Hussain, & S. Salhi (Eds.), *Computing and Machine Learning. CML 2024* (Vol. 1108, *Lecture Notes in Networks and Systems*). Springer, Singapore. https://doi.org/10.1007/978-981-97-6588-1_18
3. Mandal, A., Sarkar, M., & **Saha, D.** (2021). Follicle segmentation from ovarian USG image using horizontal window filtering and filled convex hull technique. In D. Bhattacharjee, D. K. Kole, N. Dey, S. Basu, & D. Plewczynski (Eds.), *Proceedings of International Conference on Frontiers in Computing and Systems* (Vol. 1255, pp. 555–563). *Advances in Intelligent Systems and Computing*. Springer, Singapore. https://doi.org/10.1007/978-981-15-7834-2_52
4. Mandal, A., **Saha, D.**, & Sarkar, M. (2021). Follicle segmentation using K-means clustering from ultrasound image of ovary. In D. Bhattacharjee, D. K. Kole, N. Dey, S. Basu, & D. Plewczynski (Eds.), *Proceedings of International Conference on Frontiers in Computing and Systems* (Vol. 1255, pp. 545–553). *Advances in Intelligent Systems and Computing*. Springer, Singapore. https://doi.org/10.1007/978-981-15-7834-2_51

Conference/Seminar Proceedings:

1. Abhisheka, B., Biswas, S. K., **Saha, D.**, Das, S., & Purkayastha, B. (2023). The efficacy of combining deep and handcrafted features for breast cancer classification using ultrasound images.

Proceedings of the 2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON), Gautam Buddha Nagar, India, 735–740. <https://doi.org/10.1109/UPCON59197.2023.10434836>

2. Rousanuzzaman, Biswas, S. K., **Saha, D.**, Thounaojam, D. M., Abhisheka, B., Das, S., & Purkayastha, B. (2023). ESDPCOS: Effectiveness of combined CNN and handcrafted features for ovarian cyst detection in PCOS patients using ultrasound images. *Proceedings of the 2023 10th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON)*, 10, 846–851. <https://doi.org/10.1109/UPCON59197.2023.10434294>
3. **Saha, D.**, Rama Devi, G. N., Ponnusamy, S., Pandit, J., Jaiswal, S., & Bhuyan, P. K. (2022). Application of nanotechnology in neural growth support system. *Proceedings of the 2022 IEEE 2nd Mysore Sub Section International Conference (MysuruCon)*, 1–6. <https://doi.org/10.1109/MysuruCon55714.2022.9972740>
4. Karmakar, G., Bhattacharya, A., Biswas, S. K., Mandal, A., Das, A. K., Alam, E., **Saha, D.**, & Charan Chowdhuri, S. (2021). Realization of combinational circuits using a proposed reversible gate. *Proceedings of the 2021 3rd International Conference on Advances in Computing, Communication Control and Networking (ICAC3N)*, 1018–1022. <https://doi.org/10.1109/ICAC3N53548.2021.9725516>

Farhana Sultana

M.Sc.

Assistant Professor

Specialization:

- Deep Learning
- Computer Vision

Published:

- **Journal Articles: 02; Book Chapters: 04**
- **Conference/Seminar Proceedings: 02.**



Journal Articles:

1. Sufian, A., Ghosh, A., Naskar, A., **Sultana, F.**, Sil, J., & Rahman, M. H. (2022). Bdnnet: Bengali handwritten numeral digit recognition based on densely connected convolutional neural networks. *Journal of King Saud University-Computer and Information Sciences*, 34(6), 2610-2620.
2. **Sultana, F.**, Sufian, A., & Dutta, P. (2020). Evolution of image segmentation using deep convolutional neural network: A survey. *Knowledge-Based Systems*, 201, 106062.

Book Chapters:

1. **Sultana, F.**, Sufian, A., & Dutta, P. (2022). Automatic Diabetic Retinopathy Lesion Segmentation in UW-OCTA Images Using Transfer Learning. In *MICCAI Challenge on Mitosis Domain Generalization* (pp. 186-194). Cham: Springer Nature Switzerland.
2. Sufian, A., Alam, E., Ghosh, A., **Sultana, F.**, De, D., & Dong, M. (2021). Deep learning in computer vision through mobile edge computing for IoT. *Mobile Edge Computing*, 443-471.
3. Ghosh, A., Sufian, A., **Sultana, F.**, Chakrabarti, A., & De, D. (2020). Fundamental concepts of convolutional neural network. *Recent trends and advances in artificial intelligence and Internet of Things*, 519-567.
4. **Sultana, F.**, Sufian, A., & Dutta, P. (2020). A review of object detection models based on convolutional neural network. *Intelligent computing: image processing based applications*, 1-16.

Conference/Seminar Proceedings:

1. **Sultana, F.**, Sufian, A., & Dutta, P. (2022): RIMNet: Image Magnification Network with Residual Block for Retinal Blood Vessel Segmentation, *2022 IEEE Region 10 Symposium (TENSYP)*, Mumbai, India, pp. 1-6, doi: 10.1109/TENSYP54529.2022.9864467.
2. **Sultana, F.**, Sufian, A., & Dutta, P. (2018, November). Advancements in image classification using convolutional neural network. In *2018 Fourth International Conference on Research in Computational Intelligence and Communication Networks (ICRCICN)* (pp. 122-129). IEEE.

2.4 Department of Food & Nutrition

The Food and Nutrition Department of the University of Gour Banga started its journey in 2017. The department plays a vital role in ensuring the well-being of individuals and communities. It is responsible for promoting healthy eating habits and preventing nutrition-related disorders. The department's primary goal is to educate people about the importance of a balanced diet and provide them with the knowledge and skills to make informed food choices. By prioritizing food and nutrition, we can build healthier communities and improve overall quality of life.

- Year of establishment: 2016
- Programmes offered: M.Sc.

Faculty publications of this Department are as follows:

Saidur Rahaman

M.Sc.

Assistant Professor



Specialization:

- Food science and dietetics

Published:

- **Journal Articles: 01; Book Chapters: 01**

Journal Articles:

1. Sinha, N. K., Maiti, R., Mahanty, S., Bhunia, J., Majumdar, S., **Rahaman, S.**, & Das, R. (2024). Double burden of malnutrition among young adult females (18-25 years) of West Bengal, India. *African Journal of Biological Sciences*, 5, 6064-6076. <https://doi.org/10.48047/AFJBS.6.5.2024.6064-6076>. ISSN: 2663-2187.

Book Chapters:

1. Acharya, S. K., Rama, D., Rajkumar, M., Mahasin, M., Saidur, R., & Shatarupa, S. (2023). *Study to assess the knowledge regarding polycystic ovarian disease (PCOS): A systematic review*. In N. K. Sinha, R. Das, D. Dutta, & S. K. Acharya (Eds.), *Introduction to Food, Nutrition and Health Research* (pp. 173-185). Vidya Kutir Publications. ISBN: 978-93-92403-43-9.

2.5 Department of Geography

The postgraduate Department of Geography of the University of Gour Banga started its journey in January 2012 with four faculty members and thirty students under the semester system. The Department of Geography comprises five faculty members and forty-nine students each semester. The Department of Geography offers not only PG Courses but also Ph.D. Programme. The department has RS & GIS Laboratory and Soil and Environment Laboratory. The department offers five optional papers viz. 1) Geoinformatics, 2) Fluvial Geomorphology, 4) Geography of Development and Under Development, and 5) Population and maternal health studies. Faculty members and scholars try to conduct rigorous research addressing different physical and human issues.

- Year of establishment: 2012
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Arijit Das

M.A., M.Phil., Ph.D.

Associate Professor



Specialization:

- Regional Development
- Urban Planning

Published:

- **Journal Articles: 93; Book Chapters: 04;**
- **Conference/Seminar Proceedings: 05.**

Journal Articles:

1. Basu, T., & Das, A. (2024). Urbanization induced changes in land use dynamics and its nexus to ecosystem service values: A spatiotemporal investigation to promote sustainable urban growth. *Land Use Policy*, 144, 107239. doi.org/10.1016/j.landusepol.2024.107239 , ISSN: 0264-8377
2. Mondal, J., Basu, T., & Das, A. (2024). Application of a novel remote sensing ecological index (RSEI) based on geographically weighted principal component analysis for assessing the land surface ecological quality. *Environmental Science and Pollution Research*, 31(22), 32350-32370. doi.org/10.1007/s11356-024-33330-w, ISSN: 0944-1344
3. Mandal, A., Das, A., Das, M., & Pereira, P. (2024). Assessing ecosystem health of a mountainous city at the neighbourhood level: A case from eastern Himalayan region (India). *Environment, Development and Sustainability*, 1-21. doi.org/10.1007/s10668-024-04563-z, ISSN: 1387-585X
4. Das, M., Das, A., & Pereira, P. (2024). Impact of urbanization induced land use and land cover change on ecological space quality-mapping and assessment in Delhi (India). *Urban Climate*, 53, 101818. doi.org/10.1016/j.uclim.2024.101818 , ISSN: 2212-0955
5. Das, A., Saha, P., Dasgupta, R., Inacio, M., Das, M., & Pereira, P. (2024). How Do the Dynamics of Urbanization Affect the Thermal Environment? A Case from an Urban Agglomeration in Lower Gangetic Plain (India). *Sustainability*, 16(3), 1147. doi.org/10.3390/su16031147 ISSN: 2071-1050
6. Das, M., Das, A., & Saikh, S. (2024). Estimating supply-demand mismatches for optimization of sustainable land use planning in a rapidly growing urban agglomeration (India). *Land Use Policy*, 139, 107061. doi.org/10.1016/j.landusepol.2024.107061 ISSN: 0264-8377
7. Das, M., Mandal, A., Das, A., Inacio, M., & Pereira, P. (2024). Urban dynamics and its impact on habitat and eco-environmental quality along urban-rural gradient in an urban

- agglomeration (India). *Environmental Challenges*, 14, 100824.doi.org/10.1016/j.envc.2023.100824 , ISSN: 2667-0100
8. Das, M., Inácio, M., **Das, A.**, Barcelo, D., & Pereira, P. (2024). Mapping and assessment of ecosystem health in the Vilnius functional zone (Lithuania). *Science of The Total Environment*, 912, 168891.doi.org/10.1016/j.scitotenv.2023.168891, ISSN:1879-1026
 9. Mandal, A., **Das, A.**, Das, M., & Pereira, P. (2023). A quantitative review of ecosystem services research in Himalayan mountainous region. *Environmental Challenges*, 100792.doi.org/10.1016/j.envc.2023.100792 , ISSN: 2667-0100
 10. Basu, T., **Das, A.**, Das, K., & Pereira, P. (2023). Urban expansion induced loss of natural vegetation cover and ecosystem service values: A scenario-based study in the siliguri municipal corporation (Gateway of North-East India). *Land Use Policy*, 132, 106838.doi.org/10.1016/j.landusepol.2023.106838 ISSN: 0264-8377
 11. **Das, A.**, Das, M., Saha, S., & Pereira, P. (2023). Impact of COVID-19 pandemic on cultural ecosystem services from urban green spaces: a case from English Bazar Urban Agglomeration, Eastern India. *Environmental Science and Pollution Research*, 30(24), 65933-65946.doi.org/10.1007/s11356-023-26919-0 ISSN: 0944-1344
 12. Das, M., Mandal, A., **Das, A.**, Inácio, M., & Pereira, P. (2023). Mapping and assessment of carbon sequestration potential and its drivers in the Eastern Himalayan Region (India). *Case Studies in Chemical and Environmental Engineering*, 7, 100344. doi.org/10.1016/j.csee.2023.100344, ISSN: 2666-0164
 13. **Das, A.**, & Das, M. (2023). Exploring the relationship between quality of living and green spaces in cities: Evidence from an Indian megacity region of global south. *Land Use Policy*, 129, 106594.doi.org/10.1016/j.landusepol.2023.106594 ISSN: 0264-8377
 14. Basu, T., **Das, A.**, & Pereira, P. (2023). Exploring the drivers of urban expansion in a medium-class urban agglomeration in India using the remote sensing techniques and geographically weighted models. *Geography and Sustainability*, 4(2), 150-160.doi.org/10.1016/j.geosus.2023.03.002. ISSN: 2666-6839
 15. Das, M., Mandal, A., **Das, A.**, Inácio, M., & Pereira, P. (2023). Mapping and assessment of carbon sequestration potential and its drivers in the Eastern Himalayan Region (India). *Case Studies in Chemical and Environmental Engineering*, 7, 100344. doi.org/10.1016/j.csee.2023.100344. ISSN: 2666-0164
 16. **Das, A.**, & Das, M. (2023). Exploring the relationship between quality of living and green spaces in cities: Evidence from an Indian megacity region of global south. *Land Use Policy*, 129, 106594.doi.org/10.1016/j.landusepol.2023.106594 ISSN: 0264-8377
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30. Das, M., **Das, A.**, & Pandey, R. (2022). Exploring nexus between ecosystem services and livelihood dependency for sustainable ecosystem management in lower Gangetic plains, Eastern India. *Environmental Science and Pollution Research*, 29(42), 63692-63708. doi.org/10.1007/s11356-022-20057-9 ISSN: 0944-1344
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2. **Das, A.**, (2023). *Impact of Urbanization on Carbon Emission in Kolkata Megacity Region*. International Conference Monitoring of Geological Processes and Ecological Condition of the Environment, European Association of Geoscientists & Engineers, 7-10 November.
3. **Das, A.**, (2020). *Quantifying the characterization of regional urban area and its surroundings*, Agriculture Food, Water, Biodiversity and Health in changing climate, University of Burdwan, 6-8 March.
4. **Das, A.**, (2020). *Assessment of forest landscape's capacity to supply-demand eastern India*. Agriculture Food, Water, Biodiversity and Health in changing climate, University of Burdwan, 6-8 March.
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Specialization:

- Fluvial Geomorphology

Published:

- **Journal Articles: 14; Books:02; Book Chapters: 11.**

Journal Articles:

1. **Lepcha, K., & Ghosh, P.,** (2024). Ecosystem Health Assessment in Kalimpong District (West Bengal), India based on AHP-VORS Model. *Current world environment: an international research journal of environmental science*, 19 (3) ISSN:0973-4929, Online ISSN:2320-8031
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Specialization:

- Population Geography

Published:

- **Journal Articles: 81; Books:05;**
- **Book Chapters: 05.**

Journal Articles:

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Journal Articles:

1. **Pal, S.**, Debanshi, S., Singha, P., Ghosh, R., Ghosh, S., Mukhopadhyay, S., ... & Let, M. (2024). Effect of channel morphological changes on wetland transformation. *Science of The Total Environment*, 942, 173802. <https://doi.org/10.1016/j.scitotenv.2024.173802>, ISSN: 0048-9697; Impact Factor: 8.2.
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2. Majumdar, M., Ziaul, S., **Pal, S.**, & Debanshi, S. (2023). Urban effects on hydrological status and trophic state in peri-urban wetland. In S. Talukdar, S. Pal, M. W. Naikoo, & A. Rahman (Eds.), *Advancements in urban environmental studies: Application of geospatial technology and artificial intelligence in urban studies* (pp. 179-199). Springer, Cham. ISBN: 978-3-031-21589-6. https://doi.org/10.1007/978-3-031-21587-2_12
3. Sarda, R., & **Pal, S.** (2023). Nexus between anthropogenic heat flux and urban heat island. In S. Talukdar, S. Pal, M. W. Naikoo, & A. Rahman (Eds.), *Advancements in urban environmental studies: Application of geospatial technology and artificial intelligence in urban studies* (pp. 301-324). Springer, Cham. ISBN: 978-3-031-21589-6. <https://doi.org/10.1007/978-3-031-21587-2>
4. Talukdar, S., **Pal, S.**, Naikoo, M. W., & Rahman, A. (2023). Exploring the flooding under damming condition in Punarbhaba River of India and Bangladesh. In S. Talukdar, S. Pal, M. W. Naikoo, & A. Rahman (Eds.), *Advancements in urban environmental studies: Application of geospatial technology and artificial intelligence in urban studies*. Springer, Cham. ISBN: 978-3-031-21088-4. https://doi.org/10.1007/978-3-031-21086-0_7
5. Mahato, S., & **Pal, S.** (2022). Quantifying the spatio-seasonal water balance and land surface temperature interface in Chandrabhaga River Basin, Eastern India. In S. Mandal (Ed.), *Applied geomorphology and contemporary issues* (pp. 273-292). Springer, Cham. ISBN: 978-3-031-04532-5. https://doi.org/10.1007/978-3-031-04532-5_14
6. Mandal, I., & **Pal, S.** (2022). Exploring change of river morphology and water quality in the stone mine areas of Dwarka River Basin, Eastern India. In S. Mandal (Ed.), *Applied*

geomorphology and contemporary issues (pp. 77-95). Springer, Cham. ISBN: 978-3-031-04532-5. https://doi.org/10.1007/978-3-031-04532-5_4

7. Talukdar, S., Roy, S. K., Sarkar, S. K., Mahato, S., **Pal, S.**, Rahman, A., Praveen, B., & Das, T. (2022). Application of hybrid machine learning algorithms for flood susceptibility modeling. In B. Pradhan, P. K. Shit, G. S. Bhunia, P. P. Adhikary, & H. R. Pourghasemi (Eds.), *Spatial modelling of flood risk and flood hazards*. GIScience and Geo-environmental Modelling. Springer, Cham. ISBN: 978-3-030-94543-5. https://doi.org/10.1007/978-3-030-94544-2_7
8. **Pal, S.**, & Mahato, S. (2017). GIS-based multi-criteria evaluation of a surface water irrigation potential zone in the Chandrabhaga River Basin, Eastern India. In J. A. Daniel (Ed.), *Advances in environmental research* (Vol. 57, pp. 161-193). Nova Science Publishers Inc. ISBN: 978-1-53612-275-6 (Print), 978-1-53612-285-5 (E-book).
9. **Pal, S.** (2016). Hydro-ecological regime of Ahiron wetland in response to anthropogenic interventions. In S. Mukhopadhyay et al. (Eds.), *Man nature interface* (pp. 27-40). SOPAN Publication. ISBN: 978-93-82433-68-2.
10. **Pal, S.** (2015). Importance of wetland as a natural capital. In M. Mukhopadhyay & J. Gour (Eds.), *Bengal and Bengali people in 2025* (pp. 34-43). Book Centre Publishers. ISBN: 978-81-921612-4-2.
11. **Pal, S.** (2015). Erosion dynamics in lateritic Santiniketan badland, West Bengal, India. In J. A. Daniel (Ed.), *Advances in environmental research* (Vol. 40, pp. 97-125). Nova Science Publishers Inc. ISBN: 978-1-63482-785-0 (Print), 978-1-63482-785-1 (E-book).
12. **Pal, S.** (2013). Post-dam hydro-geomorphic alteration: A study of Dwarka River, Eastern India. In J. A. Daniel (Ed.), *Advances in environmental research* (Vol. 27, pp. 191-209). Nova Science Publishers Inc. ISBN: 978-1-62257-425-4.
13. **Pal, S.**, Ghosh, K., & Das, P. (2012). Emerging conflict associated with violation of equilibriumity between ecology-economy in existing agricultural strategies in wetland area and rural livelihood distress. In P. K. Chattopadhyay & S. Bhattacharya (Eds.), *Challenges of livelihood and inclusive rural development in the era of globalization* (pp. 313-324). New Delhi Publishers. ISBN: 978-93-81274-25-5.
14. **Pal, S.** (2012). Existing ground hydrological condition and agricultural sustainability: A study on Moribund Delta of West Bengal. In K. M. B. Rahim, D. Sarkar, & B. C. Roy (Eds.), *Sustainable agriculture and environment* (pp. 17-34). New Delhi Publishers. ISBN: 978-93-81274-12-5.
15. **Pal, S.** (2012). Land use classification and NDVI analysis: Application on Kuya River Basin, Eastern India. In P. Chouhan (Ed.), *Applied geography: A research applications for development* (pp. 44-52). Readers Service. ISBN: 978-81-87891-58-1.
16. Mukhopadhyay, S., & **Pal, S.** (2010). Changing land use pattern and its impact on wetland environment. In D. Das Gupta (Ed.), *Environmental concerns* (pp. 275-284). AGROBIOS. ISBN: 978-81-7754-428-2.

2.6 Department of Mathematics

The Department of Education, UGB, started its academic journey at the very beginning of the university. Initially, it had only three faculty members and 50 students in one semester. Now, it is a full-fledged department with five faculties and an intake of 122 students each semester. The Ph.D. programme has been running since 2016. The main aim of this department is to prepare the students to serve humanity alongside their academic excellence. A very strong research profile of the department may certainly inspire the scholars. Additionally, their contribution to the university's different educational and administrative activities is recognizable.

- Year of establishment: 2008
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Debraj Chandra

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Set-theoretic
- General Topology

Published:

- **Journal Articles: 26.**

Journal Articles:

1. **Chandra, D., & Alam, N.** (2024). On a certain star- K variant of a selection principle, *Rocky Mountain Journal of Mathematics*, 54 (5), 1275-1290, Rocky Mountain Mathematics Consortium, <https://doi.org/10.1216/rmj.2024.54.1275>/ISSN: 0035-7596
2. **Chandra, D., Das, P., & Das, S.** (2024). Certain observations on tightness and topological games in bornology, *Results in Mathematics*, 79, 225, Springer, <https://doi.org/10.1007/s00025-024-02256-7>/ISSN: 1422-6383
3. **Chandra, D., & Alam, N.** (2024). On certain star versions of the Hurewicz property using ideals, *Mathematica Slovaca*, 74 (4), 983-1000, De Gruyter, <https://doi.org/10.1515/ms-2024-0072>/ISSN: 1337-2211

4. **Chandra, D.,** & Alam, N. (2024). On certain star versions of a U_{fin} -type selection principle, *Topology and its Applications*, 355, 109029, Elsevier, <https://doi.org/10.1016/j.topol.2024.109029>/ISSN: 0166-8641
5. **Chandra, D.,** & Alam, N. (2024). Certain observations on a U_{fin} -type selection principle, *Bulletin of the Iranian Mathematical Society*, 50, 9, Springer, <https://doi.org/10.1007/s41980-023-00851-y>/ISSN: 1017-060X
6. **Chandra, D.,** & Alam, N. (2023). Further investigations on certain star selection principles, *Topology and its Applications*, 328, 108446, Elsevier, <https://doi.org/10.1016/j.topol.2023.108446>/ISSN: 0166-8641
7. Alam, N., & **Chandra, D.** (2022). On certain localized version of uniform selection principles, *Filomat*, 36 (20), 6855-6865, University of Nis, <https://doi.org/10.2298/FIL2220855A>/ISSN: 0354-5180
8. Alam, N., & **Chandra, D.** (2023). On localization of the Menger property, *Quaestiones Mathematicae*, 46 (6), 1069-1092, Taylor & Francis, <https://doi.org/10.2989/16073606.2022.2054745>/ISSN: 1607-3606
9. Alam, N., & **Chandra, D.** (2022). Some remarks on games of certain star selection principles, *Acta Mathematica Hungarica*, 166 (2), 373-392, Springer, <https://doi.org/10.1007/s10474-022-01222-5>/ISSN: 0236-5294
10. **Chandra, D.,** & Alam, N. (2022). Some remarks on star-Menger spaces using box products, *Filomat*, 36 (5), 1769-1774, University of Nis, <https://doi.org/10.2298/FIL2205769C>/ISSN: 0354-5180
11. Das, P., **Chandra, D.,** & Das, S. (2022). Further applications of bornological covering properties in function spaces, *Topology and its Applications*, 310, 108005, Elsevier, <https://doi.org/10.1016/j.topol.2022.108005>/ISSN: 0166-8641
12. **Chandra, D.,** & Alam, N. (2021). On localization of the star-Menger selection principle, *Hacettepe Journal of Mathematics and Statistics*, 50 (4), 1155-1168, Hacettepe University (DergiPark), <https://doi.org/10.15672/hujms.832056>/ISSN: 2651-477X
13. Das, S., & **Chandra, D.** (2021). Certain observations on statistical variations of bornological covers, *Filomat*, 35 (7), 2303-2315, **University of Nis**, <https://doi.org/10.2298/FIL2107303D>/ISSN: 0354-5180
14. **Chandra, D.,** Das, P., & Das, S. (2022). Certain observations on selection principles from (a) bornological viewpoint, *Quaestiones Mathematicae*, 45 (3), 423-442, Taylor & Francis, <https://doi.org/10.2989/16073606.2021.1882605>/ISSN: 1607-3606
15. Das, P., Samanta, U., & **Chandra, D.** (2020). A more balanced approach to ideal variation of γ -covers, *Houston Journal of Mathematics*, 46 (2), 519-535, Houston University, ISSN: 0362-1588

16. **Chandra, D.**, Das, P., & Das, S. (2020). Applications of Bornological Covering Properties in Metric Spaces, *Indagationes Mathematicae*, 31 (1), 43-63, Elsevier, <http://dx.doi.org/10.1016/j.indag.2019.09.002>/ISSN: 0019-3577
17. Das, P., Samanta, U., & **Chandra, D.** (2019). On certain generalized versions of groupability, *Topology and its Applications*, 258, 47-57, Elsevier, <https://doi.org/10.1016/j.topol.2019.02.052>/ISSN: 0166-8641
18. Das, P., Samanta, U., & **Chandra, D.** (2019). Some observations on Hurewicz and I-Hurewicz property. *Topology and its Applications*, 258, 202-214, Elsevier, <https://doi.org/10.1016/j.topol.2019.01.015>/ISSN: 0166-8641
19. Das, P., **Chandra, D.**, & Samanta, U. (2018). On certain variations of I-Hurewicz property, *Topology and its Applications*, 241, 363-376, Elsevier, <https://doi.org/10.1016/j.topol.2018.03.027>/ISSN: 0166-8641
20. **Chandra, D.**, Das, P., & Samanta, U. (2019). On τ -covers using ideals and some of its consequences, *Quaestiones Mathematicae*, 42 (2), 243-256, Taylor & Francis, <https://doi.org/10.2989/16073606.2018.1443982>/ISSN: 1607-3606
21. Das, P., Ko\v{c}inac, Lj.D.R., & **Chandra, D.** (2016). Some remarks on open covers and selection principles using ideals, *Topology and its Applications*, 202, 183-193, Elsevier, <http://dx.doi.org/10.1016/j.topol.2016.01.003>/ISSN: 0166-8641
22. **Chandra, D.** (2016). Some remarks on sequence selection properties using ideals, *Matemicki Vesnik*, 68 (1), 39-44, Drustvo Matematicara Srbije, ISSN: 0025-5165
23. Das, P., & **Chandra, D.** (2013). Some further results on $\mathcal{I}$ - γ and $\mathcal{I}_k$ - γ -covers, *Topology and its Applications*, 160, 2401-2410, Elsevier, <http://dx.doi.org/10.1016/j.topol.2013.07.035>/ISSN: 0166-8641
24. Pal, S.K., **Chandra, D.**, & Dutta, S. (2013). Rough ideal convergence, *Hacettepe Journal of Mathematics and Statistics*, 42 (6), 633-640, Hacettepe University (DergiPark), ISSN: 2651-477X
25. Das, P., & **Chandra, D.** (2013). Spaces not distinguishing pointwise and $\mathcal{I}$ -quasinormal convergence, *Commentationes Mathematicae Universitatis Carolinae*, 54 (1), 83-96, Charles University, Faculty of Mathematics and Physics, ISSN: 0010-2628
26. **Chandra, D.**, & Das, P. (2012). Some further investigations of open covers and selection principles using ideals, *Topology Proceedings*, 39, 281-291, Auburn University and Nipissing University, ISSN: 0146-4124

Laxmikanta Mandi

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Plasma Dynamics
- Soliton theory

Published:

- **Journal Articles: 12; Book Chapters: 01;**
- **Conference/Seminar Proceedings: 01**

Journal Articles:

1. **Mandi, L.**, Ghosh, U.N., Chandra, S., Das, C., & Chatterjee, P. (2024). Damping Effects on the Spectrum of Solitary Structures in Cylindrical and Spherical Geometry, *IEEE Transactions on Plasma Science*, 52 (7), 2550-2559, IEEE, <https://doi.org/10.1109/TPS.2024.34385599>/ISSN/e-ISSN: 0093-3813/1939-9375
2. Das, T.K., **Mandi, L.**, & Chatterjee, P. (2024). Propagation of dust ion acoustic waves with Riesz fractional derivative, *Indian Journal of Physics*, 98, 3373-3380, Springer, <https://doi.org/10.1007/s12648-024-03107-5>/ISSN/e-ISSN: 0973-1458/0974-9845
3. Chatterjee, P., & **Mandi, L.** (2023). The separation of one-soliton-shock to multi-soliton-shock of dust-ion acoustic wave using Lax pair and Darboux transformation of Burgers' equation, *Physics of Fluids*, 35 (8), 087131, American Institute of Physics, <https://doi.org/10.1063/5.0160542>/ISSN/e-ISSN: 1070-6631/1089-7666
4. Ali, R., Ghosh, U.N., **Mandi, L.**, & Chatterjee, P. (2023). Application of Adomian decomposition method to study collision effect in dusty plasma in the presence of polarization force, *Indian Journal of Physics*, 97 (7), 2209-2216, Springer, <https://doi.org/10.1007/s12648-023-02588-0>/ISSN/e-ISSN: 0973-1458/0974-9845
5. Ghosh, U.N., Chatterjee, P., & **Mandi, L.** (2022). Interaction of Inward and Outward Cylindrical and Spherical Solitary Rings in Quantum Electron Ion Dust Plasmas, *Plasma Physics Reports*, 48 (5), 533-542, Springer, <https://doi.org/10.1134/S1063780X21100640>/ISSN/e-ISSN: 1063-780X/1562-6938
6. **Mandi, L.**, Ali, R., & Chatterjee, P. (2021). Quasiperiodic route to chaos for the dust ion acoustic waves in magnetized dusty plasmas, *Plasma Physics Reports*, 47 (5), 419-426, Springer, <https://doi.org/10.1134/S1063780X2105007X>/ISSN/e-ISSN: 1063-780X/1562-6938
7. **Mandi, L.**, Natiq, H., Chatterjee, P., Ali, R., & Banerjee, S. (2021). In search of hyperchaos in a high dimensional unmagnetized quantum plasma, *Zeitschrift für Naturforschung A*, 76 (2), 99-108, De Gruyter, <https://doi.org/10.1515/zna-2020-0205>/ISSN: 1865-7109
8. López, Á.G., Ali, R., **Mandi, L.**, & Chatterjee, P. (2021). Average conservative chaos in quantum dusty plasmas, *Chaos: An Interdisciplinary Journal of Nonlinear Science*, 31 (1), American Institute of Physics, <https://doi.org/10.1063/5.0022753>/ISSN/e-ISSN: 1054-1500/1089-7682

9. **Mandi, L.**, Mondal, K.K., & Chatterjee, P. (2019). Analytical solitary wave solution of the dust ion acoustic waves for the damped forced modified Korteweg-de Vries equation in q-nonextensive plasmas, *The European Physical Journal Special Topics*, 228 (12), 2753-2768, EDP Sciences, Società Italiana di Fisica and Springer Berlin Heidelberg, <https://doi.org/10.1140/epjst/e2019-900047-4>/ISSN/e-ISSN: 1951-6355/1951-6401
10. **Mandi, L.**, Saha, A., & Chatterjee, P. (2019). Dynamics of ion-acoustic waves in Thomas-Fermi plasmas with source term, *Advances in Space Research*, 64 (2), 427-435, Elsevier, <https://doi.org/10.1016/j.asr.2019.04.028>/ISSN/e-ISSN: 0273-1177/1879-1948
11. **Mandi, L.**, Saha, A., & Chatterjee, P. (2018). Comment on “The collision effect between dust grains and ions to the dust ion acoustic waves in a dusty plasma” [Phys. Plasmas 19, 103705 (2012)], *Physics of Plasmas*, 25(8), 084701, American Institute of Physics, <https://doi.org/10.1063/1.5017559>/ISSN/e-ISSN: 1089-7674/1070-664X
12. Chowdhury, S., **Mandi, L.**, & Chatterjee, P. (2018). Effect of externally applied periodic force on ion acoustic waves in superthermal plasmas, *Physics of Plasmas*, 25 (4), 042112, American Institute of Physics, <https://doi.org/10.1063/1.5017559>/ISSN/e-ISSN: 1089-7674/1070-664X

Book Chapters:

1. **Mandi, L.**, Roy, K., & Chatterjee, P. (2020). Approximate analytical solution of nonlinear evolution equations. S. Singh (Ed.), *Selected Topics in Plasma Physics* (p. 111). IntechOpen, ISBN: 978-1-83962-679-1, <https://doi.org/10.5772/intechopen.93176>

Conference/Seminar Proceedings:

1. **Mandi, L.**, & Chatterjee, P. (2024). *Dust-Acoustic Multi-solitons and Shock in a Polarized Space Dusty Plasma Using Darboux Transformation*. In International Conference on Nonlinear Dynamics and Applications (pp. 160-171), Cham: Springer Nature Switzerland. https://link.springer.com/chapter/10.1007/978-3-031-66874-6_13

Sanatan Das

M.Sc., Ph.D.

Professor



Specialization:

- Fluid Mechanics
- Operation Research

Published:

- **Journal Articles: 224; Books:05; Book Chapters: 01.**

Journal Articles:

1. Ali, A., **Das, S.** (2025). Electroosmotic influence on fractional Jeffrey blood flow with nanolayer-coated tetra-hybrid nanoparticles in an electrified stenotic-aneurysm artery, *Computers in Biology and Medicine*, Elsevier, 188, 109819

2. Karmakar, P., Das, S., Das, S., & **Das, S.** (2025). Neuro-computational simulation of blood flow loaded with gold and maghemite nanoparticles inside an electromagnetic microchannel under rapid and unexpected change in pressure gradient, *Electromagnetic Biology and Medicine*, Taylor & Francis, <https://doi.org/10.1080/15368378.2025.2453923>
3. **Das S.**, Karmakar, P., Pal TK., Ali A., (2025). Modeling shear-induced flow dynamics in a thermal Riga channel containing radioactive rGO-magnetite-mercury in an intense electromagnetic rotational setting, *ZAMM-Journal of Applied Mathematics and Mechanics/Zeitschrift für Angewandte Mathematik und Mechanik*, Wiley, <https://doi.org/10.1002/zamm.202400918>
4. Ali A., Syed R., **Das, S.**, Khujanazarov, U. (2025). Electroosmotic effects on radiative fractional Jeffrey blood flow with aggregated ZrO₂ nanoparticles in a multi-stenotic inclined artery, *Nonlinear Dynamics*, Springer, <https://doi.org/10.1016/j.compbiomed.2025.109819>
5. Pal TK., **Das S.** (2025). Dynamics search of highly magnetized blood laden with copper-gold-titania nanoparticles in a ciliary artery with catheterization and entropy, *Electromagnetic Biology and Medicine*, Taylor & Francis, <https://doi.org/10.1080/15368378.2024.2443835>
6. **Das, S.**, Karmakar, P., Das, S., & Dinarvand, S. (2025). AI-led study of dynamic changes in milk containing hybrid nanoparticles in an electromagnetically vibrated channel subjected to thermal oscillations and rapid pressure changes: Implications for dairy industry, *Chinese Journal of Physics*, Elsevier, <https://doi.org/10.1016/j.cjph.2024.11.025> ISSN: 0577-9073
7. Karmakar, P., & **Das, S.** (2025). AI-powered computational analysis of dynamic responses in a vibrating Riga sensor within a reactive platinum-cerium oxide-water mixture, *Sensors and Actuators A: Physical*, 116028, Elsevier, <https://doi.org/10.1016/j.sna.2024.116028> ISSN: 0924-4247
8. Karmakar, P., **Das, S.**, Jana, R.N., & Makinde, O.D. (2024). Makinde Dynamic response of a weakly ionized fluid in a vibrating Riga channel exposed to intense electromagnetic rotation, *Microfluidics and Nanofluidics*, 28 (70), Springer, <https://doi.org/10.1007/s10404-024-02764-6> ISSN: 1613-4982
9. **Das, S.**, Karmakar, P., Banu, A.S., Sarkar, S., Ali, A., & Jana, R.N. (2024). Modeling temporal dynamics of a radiant Casson fluid near a steeped plate emitting heat and mass fluxes, *ZAMM-Journal of Applied Mathematics and Mechanics*, 104 (11), e202301079, Wiley, <https://doi.org/10.1002/zamm.202300940> ISSN:0044-2267
10. Das, S., & **Das, S.** (2024). Exploring stream patterns of titania-CNTs blended blood in a squeezed artery subject to electro-magnetization, Hall and ion-slip currents, *International Journal of Biomathematics*, World Scientific, <https://doi.org/10.1142/S1793524524500815> ISSN: 1793-5245
11. Adhikari, R., & **Das, S.** (2024). Exploring microbial dynamics in a reactive magnetised Casson-Maxwell-Oldroyd-B nanofluid on a slanted elongated cylinder: entropy assessment, *International Journal of Ambient Energy*, 45 (1), 2367743, Taylor & Francis, <https://doi.org/10.1080/01430750.2024.2367743> ISSN: 0143-0750
12. Adhikari, R., Das, S., & **Das, S.** (2024). Neural networks-based framework for recognizing streaming patterns in magnetized Maxwell-Oldroyd-B blood blended with tetra-hybrid nanoparticles and microbes over stenosis in an elastic artery, *Engineering Applications of Artificial Intelligence*, 136, 109048, Elsevier, <https://doi.org/10.1016/j.engappai.2024.109048> ISSN: 0952-1976
13. Kezzar, M., Talbi, N., Dinarvand, S., **Das, S.**, Sari, M.R., Nasr, S., & Mozaffar, A.A. (2024). Velocity slip and temperature jump effects on entropy generation of MHD second-grade hybrid

- nanofluid in Jeffery-Hamel flow, *International Journal of Numerical Methods for Heat & Fluid Flow*, 726822, Emerald Publishing, <https://doi.org/10.1108/HFF-05-2024-0396>/ISSN: 0961-5539
14. **Das, S.**, Karmakar, P., Ali, A., Patra, R.R., & Jana, R.N. (2024). Shear-driven flow of an ionic fluid in a narrow vertical channel under a Hall electric field, *ZAMM-Journal of Applied Mathematics and Mechanics*, e202301079, Wiley, <https://doi.org/10.1002/zamm.202301079>/ISSN: 0044-2267
 15. Ali, A., **Das, S.**, & Jana, R.N. (2024). MHD radiant couple stress tetrahybridized nanofluid streaming inside slanted rotating micro-parallel plates subject to Hall currents: a neuro-computing approach. *Archives of Civil and Mechanical Engineering*, 24, 198, Springer, <https://doi.org/10.1007/s43452-024-01010-8>/ISSN: 1644-9665
 16. Paul, P., Karmakar, P., Das, S., & **Das, S.** (2024). Demonstration of angioplasty using a balloon catheter in tetra-hybrid nano-bloodstream within an electrified stenotic arterial cavity under a magnetic field: Artificial neural network analysis, *Biomedical Signal Processing and Control*, 96 (Part B), 106549, Elsevier, <https://doi.org/10.1016/j.bspc.2024.106549>/ISSN: 1746-8094
 17. **Das, S.**, Karmakar, P., Pal, T.K., Sarkar, S., Asgar, A., & Jana, R.N. (2024). Chemical dynamics in a radioactive platinum-cerium oxide-water mixture within a vibrating Riga channel subject to sudden pressure gradient onset, *Journal of Mathematical Chemistry*, 62, 1727-1778, Springer, <https://doi.org/10.1007/s10910-024-01625-5>/ISSN: 0259-9791
 18. Karmakar, P., **Das, S.**, Naspa, M., Ali, A., & Jana, R.N. (2024). Dynamics of oxytactic microbes-infused cross nanofluid around a stretchy cylinder subject to Lorentz force, Arrhenius activation energy, and nonlinear thermal radiation, *European Physical Journal Plus*, 139, 407, Springer, <https://doi.org/10.1140/epjp/s13360-024-05197-w>/ISSN: 2190-5444
 19. **Das, S.**, Pal, T.K., & Jana, R.N. (2024). Thermal flow of dust particulates-laden fluid in a slanted channel subject to magnetic force, radiant heat flux, and slip and periodic thermal conditions, *Computational Particle Mechanics*, Springer, <https://doi.org/10.1007/s40571-024-00761-8>/ISSN: 2196-4378
 20. **Das, S.**, Karmakar, P., Sarkar, S., Ali, A., & Jana, R.N. (2024). Temporal evolution of an optically dense fluid adjacent to an oscillated vertical plate with slip condition, *Archives of Civil and Mechanical Engineering*, 24, 122, Springer, <https://doi.org/10.1007/s43452-024-00937-2>/ISSN: 1644-9665
 21. **Das, S.**, Tarafdar, B., & Jana, R.N. (2024). Modeling convective transport in a reactive fluid near a vertical pervious plate influenced by intense magnetic forces, induced magnetic field, Hall current and thermo-diffusion, *International Journal of Modern Physics*, 2550029, World Scientific, <https://doi.org/10.1142/S0217979225500298>/ISSN: 0217-9792
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- **Journal Articles: 77; Book Chapters: 02.**

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49. Min, W. K., & **Modak, S.** (2015). Notes on contra semi-I-continuity, semi-I-normality and *-hyperconnectedness, *International Journal of Mathematical Analysis*, 9 (28), 1353-1363, <http://dx.doi.org/10.12988/ijma.2015.5121> /ISSN: 1314-7579 (online), 1312-8876 (print)
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60. **Modak, S., & Mistry, S.** (2013). Grill on generalized topological spaces, *Aryabhatta Journal of Mathematics & Informatics*, 5 (2), 279-284 /ISSN: 0975-7139
61. Al-Omari, A., & **Modak, S.** (2013). Filter on generalized topological spaces, *Scientia Magna*, 9 (1), 62-71 /ISSN: 1556-6706
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63. **Modak, S., & Mistry, S.** (2012). Ideal on supra topological space, *Int. Journal of Math. Analysis*, 6 (1), 1-10 /ISSN: 1314-7579 (online), 1312-8876 (print)
64. **Modak, S., Mistry, S., & Garai, B.** (2012). Continuity on generalized spaces, *ISST Journal of Mathematics & Computing system*, 3 (1), 25-29 /ISSN: 0976-9048
65. **Modak, S., Garai, B., & Mistry, S.** (2012). Remarks on ideal M-space, *Analele Universitatii Oradea Fasc. Matematica*, 19 (1), 207-215 /ISSN: 1221-1265
66. **Modak, S., & Mistry, S.** (2012). $()^{*s}$ and Ψ_s operator, *Int. J. Contemp. Math. Sciences*, 7 (1), 1-8 /ISSN: 1314-7544
67. **Modak, S.** (2012). A note on relativization in resolvability and irresolvability, *Bulletin of Allahabad Mathematical Society*, 27 (1), 1-8 /ISSN: 0971-0493
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74. **Modak, S., & Bandyopadhyay, C.** (2006). Ideal and some nearly open sets, *Soochow Journal of Mathematics*, 32 (4), 541-551 /ISSN: 0250-3255
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77. Bandyopadhyay, C., & **Modak, S.** (2006). New topology via Ψ -operator, *Proc. Natl. Acad. Sci., India, Sect. A Phys. Sci.*, 76 (A) IV, 317-320 /ISSN: 0369-8203 (print), 2250-1762 (online)

Book Chapters:

1. **Modak, S.**, & Das, M. K. (2023). Limit points on (a) topological space, *The Eureka Moment*, (pp. 63 - 76). Levant Books India, ISBN: 978-93-91741-52-5
2. Hoque, J., **Modak, S.**, & Acharjee, S. (2023). Filter versus ideal on topological spaces, *Advances in Topology and their Interdisciplinary Applications*, (pp. 190-202), Springer, ISSN 2364-6837, 2364-6845; ISBN 978-981-99-0150-0, 978-981-99-0151-7, https://doi.org/10.1007/978-981-99-0151-7_10

Simanta De

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Computational Fluid Dynamics
(Micro and Nano Fluids)

Published:

- **Journal Articles: 14.**

Journal Articles:

1. Goswami, P., **De, S.**, & Gopmandal, P.P. (2024). Streaming Potential and Associated Electrokinetic Effects through a Channel Filled with Electrolyte Solution Surrounded by a Layer of Immiscible and Dielectric Liquid, *Langmuir*, 40 (22), 11695-11712, American Chemical Society, <https://doi.org/10.1021/acs.langmuir.4c01082>/ISSN: 0743-7463
2. Maurya, S.K., Gopmandal, P.P., **De, S.**, Ohshima, H., & Sarkar, S. (2021). Electrokinetics of Concentrated Suspension of Soft Particles with pH-Regulated Volumetric Charges, *Langmuir*, 37(2), 703-712, American Chemical Society, <https://doi.org/10.1021/acs.langmuir.0c02805>/ISSN: 0743-7463
3. Kumar, B., **De, S.**, Gopmandal, P.P., Sinha, R.K., & Ohshima, H. (2020). Electrophoresis of dielectric and immiscible-liquid-layer-encapsulated colloids in aqueous media, *Physical Review E*, 102 (4), 042618, American Physical Society, <https://doi.org/10.1103/PhysRevE.102.042618>/ISSN: 2470-0045

4. Gopmandal, P.P., **De, S.**, Bhattacharyya, S., & Ohshima, H. (2020). Impact of ion-steric and ion-partitioning effects on electrophoresis of soft particles, *Physical Review E*, 102 (3), 032601, American Physical Society, <https://doi.org/10.1103/PhysRevE.102.032601>/ ISSN: 2470-0045
5. **De, S.**, Gopmandal, P.P., Kumar, B., & Sinha, R.K. (2020). Effect of hydrophobic patch on the modulation of electroosmotic flow and ion selectivity through nanochannel, *Applied Mathematical Modelling*, 87, 488-500, Elsevier, <https://doi.org/10.1016/j.apm.2020.06.018>/ISSN: 0307-904X
6. Ghoshal, U.K., Bhattacharyya, S., Gopmandal, P.P., & **De, S.** (2018). Nonlinear effects on electrophoresis of a soft particle and sustained solute release, *Transport in Porous Media*, 121, 121-133, Springer, <https://doi.org/10.1007/s11242-017-0952-7>/ISSN: 0169-3913
7. **De, S.**, Bhattacharyya, S., & Gopmandal, P.P. (2016). Importance of core electrostatic properties on the electrophoresis of a soft particle, *Physical Review E*, 94 (2), 022611, American Physical Society, <https://doi.org/10.1103/PhysRevE.94.022611>/ISSN: 2470-0045
8. Bhattacharyya, S., & **De, S.** (2016). Nonlinear effects on electrophoresis of a charged dielectric nanoparticle in a charged hydrogel medium, *Physics of Fluids*, 28 (9), American Institute of Physics, <https://doi.org/10.1063/1.4962737>/ISSN: 1070-6631
9. Bhattacharyya, S., & **De, S.** (2016). Gel electrophoresis and size selectivity of charged colloidal particles in a charged hydrogel medium, *Chemical Engineering Science*, 141, 304-314, Elsevier, <https://doi.org/10.1016/j.ces.2015.11.012>/ISSN: 0009-2509
10. Bhattacharyya, S., & **De, S.** (2016). Influence of rigid core permittivity and double layer polarization on the electrophoresis of a soft particle: A numerical study, *Physics of Fluids*, 28 (1), American Institute of Physics, <https://doi.org/10.1063/1.4938117>/ISSN: 1070-6631
11. Bhattacharyya, S., & **De, S.** (2015). Numerical study of the influence of solid polarization on electrophoresis at finite Debye thickness, *Physical Review E*, 92 (3), 032309, American Physical Society, <https://doi.org/10.1103/PhysRevE.92.032309>/ISSN: 2470-0045
12. Bhattacharyya, S., & **De, S.** (2015). Numerical study on hydrodynamics of a soft particle and sustained solute release, *Acta Mechanica*, 226 (3), 611-624, Springer, <https://doi.org/10.1007/s00707-014-1217-y>/ISSN: 0001-5970
13. **De, S.**, Bhattacharyya, S., & Hardt, S. (2015). Electroosmotic flow in a slit nanochannel with superhydrophobic walls, *Microfluidics and Nanofluidics*, 19, 1465-1476, Springer, <https://doi.org/10.1007/s10404-015-1660-7>/ISSN: 1613-4982
14. Bhattacharyya, S., **De, S.**, & Gopmandal, P.P. (2014). Electrophoresis of a colloidal particle embedded in electrolyte saturated porous media, *Chemical Engineering Science*, 118, 184-191, Elsevier, <https://doi.org/10.1016/j.ces.2014.07.044>/ISSN: 0009-2509

2.7 Department of Physics

The Department of Education, UGB, started its academic journey at the very beginning of the university. Initially, it had only three faculty members and 50 students in one semester. Now, it is a full-fledged department with five faculties and an intake of 122 students each semester. The Ph.D. programme has been running since 2016. The main aim of this department is to prepare the students to serve humanity alongside their academic excellence. A very strong

research profile of the department may certainly inspire the scholars. Additionally, their contribution to the university's different educational and administrative activities is recognizable.

- Year of establishment: 2012
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Ankur Sensharma

M.Sc., Ph.D.

Associate Professor



Specialization:

- Monte Carlo Simulations,
- Percolation and related critical phenomena,
- Magnetism
- Metropolis Algorithm

Published:

- **Journal Articles: 13; Book Chapters: 01**

Journal Articles:

1. Saha, D., Mitra, S., & **Sensharma, A.** (2023). Critically spanning epidemic outbreak cluster in random geometric networks, *Physica A: Statistical Mechanics and its Applications* 629, 129226 Elsevier, <https://doi.org/10.1016/j.physa.2023.129226>, ISSN: 0378-4371
2. Mitra, S., & **Sensharma, A.** (2023). Site percolation in distorted square and simple cubic lattices with flexible number of neighbors, *Physical Review E*, 107, 064127 American Physical Society, [10.1103/PhysRevE.107.064127](https://doi.org/10.1103/PhysRevE.107.064127) ISSN: 2470-0045
3. Mitra, S., Saha, D., & **Sensharma, A.** (2022). Percolation in a simple cubic lattice with distortion, *Physical Review E*, 106, 034109 American Physical Society, [10.1103/PhysRevE.106.034109](https://doi.org/10.1103/PhysRevE.106.034109) ISSN: 2470-0045
4. Saha, D, Mitra, S, Bhowmik, B, & **Sensharma, A.** (2021). Isotropic random geometric networks in two dimensions with a penetrable cavity, *Physica A: Statistical Mechanics and its Applications* 583, 126297 Elsevier, <https://doi.org/10.1016/j.physa.2021.126297> ISSN: 0378-4371
5. Mitra, S, Saha, D, & **Sensharma, A.** (2019). Percolation in a distorted square lattice, *Physical Review E*, 99, 012117 American Physical Society, [10.1103/PhysRevE.99.012117](https://doi.org/10.1103/PhysRevE.99.012117) ISSN: 2470-0045
6. Das, S., Chakraborty, S., **Sensharma, A.**, Jana, R.N. (2018). Entropy generation analysis for magnetohydrodynamic peristaltic transport of copper-water nanofluid in a tube filled with porous medium, *Special Topics and Reviews in Porous Media* 9(3), 217, [10.1615/SpecialTopicsRevPorousMedia.v9.i3.20](https://doi.org/10.1615/SpecialTopicsRevPorousMedia.v9.i3.20) ISSN: 2151-4798
7. Das, S., Banu, A.S., **Sensharma, A.**, & Jana, R.N. (2018). Transient magnetohydrodynamic (MHD) Casson fluid flow past an oscillating rotating vertical plate embedded in a porous medium, *Special*

Topics and Reviews in Porous Media 9(3), 239, [10.1615/SpecialTopicsRevPorousMedia.v9.i3.30](https://doi.org/10.1615/SpecialTopicsRevPorousMedia.v9.i3.30)
ISSN: 2151-4798

8. Das S., **Sensharma A.**, Jana R. N., & Makinde O. D. (2017). Second-Order Slip Flow of Magneto-Nanofluids Along a Stretching Cylinder with Prescribed Heat Flux, *Journal of Nanofluids* 6(4), 720, American Scientific Publishers, <https://doi.org/10.1166/jon.2017.13956>, ISSN: 2169432X
9. Das S., **Sensharma A.**, Jana R. N., & Sharma R. P. (2017). Slip Flow of Nanofluid Past a Vertical Plate with Ramped Wall Temperature Considering Thermal Radiation, *Journal of Nanofluids* 6(6), 1054, American Scientific Publishers, <https://doi.org/10.1166/jon.2017.1392>, ISSN: 2169432X
10. Das S., **Sensharma A.**, Jana R.N., & Sharma R.P. (2017). Stability of nanofluid flow through a vertical channel with wall thermal conductance and radiation, *Journal of Nanofluids* 6(4), 680, American Scientific Publishers, <https://doi.org/10.1166/jon.2017.1357>, ISSN: 2169432X
11. **Sensharma A.**, & Mandal S. S. (2012). Inhomogeneous longitudinal electric field-induced anomalous Hall conductivity in a ferromagnetic two-dimensional electron gas, *Physical Review B*, 86, 165305 American Physical Society, [10.1103/physrevb.86.165305](https://doi.org/10.1103/physrevb.86.165305) ISSN: 2469-9950
12. Mandal S. S., & **Sensharma A.** (2008). Frequency and transverse wave-vector-dependent spin Hall conductivity in two-dimensional electron gas with disorder, *Physical Review B*, 78, 205313 American Physical Society, [10.1103/physrevb.78.205313](https://doi.org/10.1103/physrevb.78.205313) ISSN: 2469-9950
13. **Sensharma A.**, & Mandal S. S. (2006). ‘Spin–spin’ Hall effect in two dimensional electron systems with spin–orbit interaction, *J. Phys.: Condens. Matter*, 18, 7349 IOP Publishing, [10.1088/0953-8984/18/31/027](https://doi.org/10.1088/0953-8984/18/31/027) ISSN: 0953-8984

Book Chapters:

1. **Sensharma A.**, (2020). *Frontier Aspects of Natural Sciences, Percolation: recent pragmatic approaches*, pp. 110, The Banaras Marcentile Co. ISBN:978-81-86359-83-4,

Atul Bandyopadhyay

M.Sc., Ph.D.

Assistant Professor

Specialization:

- Nanomaterials
- Magnetism

Published:

- **Journal Articles: 33; Book Chapters: 04**



Journal Articles:

1. Sarkar, S., Chakrabarti, A., Chattopadhyay, S., Kuo, Y.-K., Chakraborty, S., Mitra, S., Nath, M., & **Bandyopadhyay, A.** (2024). Modulating optical and magnetic characteristics in $\text{Cu}_{(1-x)}\text{Dy}_x\text{O}$ nanoparticles through doping. *Chemistry Select*, 9(9), e202402055. <https://doi.org/10.1002/slct.202402055>
2. Karmakar, A., Chakraborty, T., Chakravarty, S., Nath, M., Chakraborty, S., Mitra, S., Sarkar, S., Mandal, G., Banerjee, A., Bhaumick, C., Sutradhar, S., & **Bandyopadhyay, A.** (2024). The influence of Nd^{3+} doping on the structural, optical, magnetic, and dielectric characteristics of nanoscale hexagonal wurtzite type ZnO. *Journal of Magnetism and Magnetic Materials*, 591, 171728. <https://doi.org/10.1016/j.jmmm.2024.171728>
3. Chabri, S., Sinha, A., Nath, M., **Bandyopadhyay, A.**, & Mandal, G. (2024). Enhancing microstructure and magnetic properties of ribbons of Cu–Co–Ti alloy through ball milling: Experimental insights and theoretical perspectives. *Indian Journal of Physics*. <https://doi.org/10.1007/s12648-024-03421-y>
4. Misra, K. P., Chattopadhyay, S., **Bandyopadhyay, A.**, Antony, A., Rao, A., Poornesh, P., Jedryka, J., Ozga, K., Kucharska, B., Yin, Y., Andersson, G., Agarwala, A., & Kuo, Y.-K. (2024). Spectroscopic analysis of nanosized Zn (Ag, Ni)O systems and observation of super-paramagnetism at low temperature. *Nanoscale Advances*, 6, 3838. <https://doi.org/10.1039/D4NA00077C>
5. Karmakar, A., Samanta, S., Chattopadhyay, S., Banerjee, J., Nath, M., Sarkar, B. J., Raha, D., Mitra, S., Sarkar, S., Dash, S. K., & **Bandyopadhyay, A.** (2023). Room temperature magnetic ordering and in vitro antibacterial potency of Nd^{3+} doped CeO_2 against the pathogenic bacterial strains. *Chemical Physics Impact*, 7, 100337. <https://doi.org/10.1016/j.chphi.2023.100337>
6. Chakrabarti, A., Mitra Banerjee, S., Basandrai, D., Chakravarty, S., Chattopadhyay, S., Sarkar, S., Mandal, G., Nath, M., & **Bandyopadhyay, A.** (2023). Investigation on the structural, magnetic, microwave absorption properties, and shielding effectiveness in the Ku frequency band of pristine and Dy^{3+} doped stannous ferrite nanoparticles. *Journal of Materials Science: Materials in Electronics*, 34, 1325. <https://doi.org/10.1007/s10854-023-10707-0>
7. Debnath, T., Chakraborty, T., **Bandyopadhyay, A.**, Das, K., Singh, S., Saha, S., Saha, A., Bhattacharjee, R. R., Das, S., & Sutradhar, S. (2023). Site selective response of cationic dopants in ZnO nanomaterials: Optical, dielectric and magnetic behaviors. *Materials Chemistry and Physics*, 296, 127284. <https://doi.org/10.1016/j.matchemphys.2022.127284>
8. Sarkar, B. J., Kundu, M., Mondal, B., Mukherjee, S., **Bandyopadhyay, A.**, & Roy, U. K. (2023). Microstructural investigation of sonochemically synthesized Zn-substituted CuFe_2O_4 nanoparticles for heterogeneous green catalytic click chemistry and dye degradation. *Journal of Molecular Structure*, 1274, 134493. <https://doi.org/10.1016/j.molstruc.2022.134493>
9. Karmakar, A., Arora, H., Nath, M., Sutradhar, S., Sarkar, B. J., Mandal, G., Samanta, A., & **Bandyopadhyay, A.** (2023). Determination of exchange integrals and effect of cationic site occupancy (8b/24d) on the structural and magnetic properties of nanocrystalline Mn-doped Gd_2O_3 . *Journal of Alloys and Compounds*, 931, 167475. <https://doi.org/10.1016/j.jallcom.2022.167475>
10. Chakravarty, A., Banerjee, J., Chakravarty, S., Samanta, S., Nath, M., Chattopadhyay, S., Mitra, S., Chowdhury, S., Dash, S., & **Bandyopadhyay, A.** (2022). Exploration of structural and magnetic aspects of biocompatible cobalt ferrite nanoparticles with canted spin configuration and assessment of their selective anti-leukemic efficacy. *Journal of Magnetism and Magnetic Materials*, 563, 169957. <https://doi.org/10.1016/j.jmmm.2022.169957>

11. Sarkar, B. J., & **Bandyopadhyay, A.** (2022). Quantitative analysis of the magnetic properties of a mixture of single- and multi-domain Zn-substituted CuFe_2O_4 nanoparticles with canted spin. *Journal of Materials Science: Materials in Electronics*, 33, 20081. <https://doi.org/10.1007/s10854-022-08825-2>
12. Kumari, P., Misra, K. P., Samanta, S., Rao, A., **Bandyopadhyay, A.**, & Chattopadhyay, S. (2022). Interrelation of micro-strain, energy band gap and PL intensity in Ce-doped ZnS quantum structures. *Journal of Luminescence*, 251, 119528. <https://doi.org/10.1016/j.jlumin.2022.119258>
13. Misra, K. P., Kunwat, A., **Bandyopadhyay, A.**, Modak, B., Mukherjee, S. K., Babu, P. D., Kabi, S., Chattopadhyay, S., & Misra, R. D. K. (2022). Structural analysis and magnetic properties of cobalt-doped nanotitania. *Materials Science and Engineering B*, 282, 115761. <https://doi.org/10.1016/j.mseb.2022.115761>
14. **Bandyopadhyay, A.**, Sharma, S., Nath, M., Karmakar, A., Kumari, K., & Sutradhar, S. (2021). Dielectric study and magnetic property analysis of Gd_2O_3 nanorods/nanowire in combination with Monte Carlo simulation. *Journal of Alloys and Compounds*, 882, 160720. <https://doi.org/10.1016/j.jallcom.2021.160720>
15. Sutradhar, S., & **Bandyopadhyay, A.** (2021). Modulation of magnetic and dielectric response of mullite-coated Cu-substituted Co-Zn-ferrite multiphase nanocomposites. *Materials Science and Engineering B*, 266, 115079. <https://doi.org/10.1016/j.mseb.2021.115079>
16. **Bandyopadhyay, A.**, Sarkar, B. J.* (2021). Studies of magnetic behavior of chemically synthesized interacting superparamagnetic copper ferrite nanoparticles. *Journal of Materials Science: Materials in Electronics*, 32(1491). <https://doi.org/10.1007/s10854-020-04919-x>
17. **Bandyopadhyay, A.**, Gupta, N., Nath, M., Chakraborty, S., & Sutradhar, S. (2021). Magnetic properties of Mn doped ZnO: A Monte Carlo simulation analysis. *Vacuum*, 183, 109786. <https://doi.org/10.1016/j.vacuum.2020.109786>
18. **Bandyopadhyay, A.**, Sarkar, B. J., Sutradhar, S., Mondal, J., & Chakrabarti, P. K. (2021). Synthesis, structural characterization, and studies of magnetic and dielectric properties of Gd^{3+} doped cerium oxide ($\text{Ce}_{0.90}\text{Gd}_{0.10}\text{O}_{2-\delta}$). *Journal of Alloys and Compounds*, 865, 158838. <https://doi.org/10.1016/j.jallcom.2021.158838>
19. Sutradhar, S., **Bandyopadhyay, A.**, Debnath, T., Chakraborty, T., Majumdar, S., Chakraborty, S., & Das, S. (2020). Effect of hydrothermal synthesis on physical property modulation and biological activity of ZnO nanorods. *Materials Research Express*, 6, 1250f7. <https://doi.org/10.1088/2053-1591/ab4dd0>
20. Debnath, T., **Bandyopadhyay, A.**, Chakraborty, T., Das, S., & Sutradhar, S. (2019). Influence of different Cr concentrations on the structural and ferromagnetic properties of ZnO nanomaterials prepared by the hydrothermal synthesis route. *Materials Research Bulletin*, 118, 110480. <https://doi.org/10.1016/j.materresbull.2019.05.005>
21. Bhakta, N., **Bandyopadhyay, A.**, Bajorek, A., & Chakrabarti, P. K. (2019). Microstructural analysis, dielectric properties and room temperature magnetic ordering of Pr-doped ZnO nanoparticles. *Applied Physics A*, 125, 811. <https://doi.org/10.1007/s00339-019-3016-8>
22. Sarkar, B. J., Dalal, M., Mitra, A., Mandal, J., **Bandyopadhyay, A.**, & Chakrabarti, P. K. (2018). Room temperature antiferromagnetic ordering in chemically prepared nanocrystalline Co-doped neodymium oxide. *Journal of Alloys and Compounds*, 752, 448. <https://doi.org/10.1016/j.jallcom.2018.04.080>

23. Das, S., **Bandyopadhyay, A.**, Das, S., & Sutradhar, S. (2018). Defect-induced room-temperature ferromagnetism and enhanced dielectric property in nanocrystalline ZnO co-doped with Tb and Co. *Journal of Alloys and Compounds*, 731, 591. <https://doi.org/10.1016/j.jallcom.2017.10.057>
24. Das, S., **Bandyopadhyay, A.**, Saha, P., Das, S., & Sutradhar, S. (2018). Enhancement of room-temperature ferromagnetism and dielectric response in nanocrystalline ZnO co-doped with Co and Cu. *Journal of Alloys and Compounds*, 749, 1. <https://doi.org/10.1016/j.jallcom.2018.03.214>
25. Sarkar, B. J., Mandal, J., Dalal, M., **Bandyopadhyay, A.**, & Chakrabarti, P. K. (2018). Room temperature ferromagnetism of nanocrystalline $\text{Nd}_{1.90}\text{Ni}_{0.10}\text{O}_{3-\delta}$, *Applied Physics A*, 124, 393. <https://doi.org/10.1007/s00339-018-1809-9>
26. Sarkar, B. J., **Bandyopadhyay, A.**, Monadal, J., Deb, A. K., & Chakrabarti, P. K. (2016). Paramagnetic to ferromagnetic phase transition of Co doped Gd_2O_3 prepared by chemical route. *Journal of Alloys and Compounds*, 656, 339. <https://doi.org/10.1016/j.jallcom.2015.09.210>
27. **Bandyopadhyay, A.**, Bhakta, N., Sutradhar, S., Sarkar, B. J., Deb, A. K., Kobayashi, S., Yoshimura, K., & Chakrabarti, P. K. (2016). Microstructure investigation, optical properties and magnetic phase transition of Tm^{3+} substituted nanorods of ZnO ($\text{Zn}_{0.95}\text{Tm}_{0.05}\text{O}$). *RSC Advances*, 6, 101818. <https://doi.org/10.1039/C6RA16194D>
28. **Bandyopadhyay, A.**, Deb, A. K., Kobayashi, S., Yoshimura, K., & Chakrabarti, P. K. (2014). Room temperature ferromagnetism in Fe doped Eu_2O_3 . *Journal of Alloys and Compounds*, 611, 324. <https://doi.org/10.1016/j.jallcom.2014.05.111>
29. **Bandyopadhyay, A.**, Sutradhar, S., Sarkar, B. J., Deb, A. K., & Chakrabarti, P. K. (2012). Vacancy mediated ferromagnetism in Co doped Dy_2O_3 . *Applied Physics Letters*, 100, 252411. <https://doi.org/10.1063/1.4729386>
30. **Bandyopadhyay, A.**, Deb, A. K., Mukhopadhyay, K., Roy, S. K., & Chakrabarti, P. K. (2012). Microstructural analysis and paramagnetic to ferromagnetic phase transition of chemically synthesized nanoparticles of Tb doped ZnO. *Journal of Materials Science*, 47, 2284. <https://doi.org/10.1007/s10853-011-6042-2>
31. **Bandyopadhyay, A.**, Modak, S., Acharya, S., Deb, A. K., & Chakrabarti, P. K. (2010). Microstructural, magnetic and crystal field investigations of nanocrystalline Dy^{3+} doped zinc oxide. *Solid State Sciences*, 12, 484. <https://doi.org/10.1016/j.solidstatesciences.2009.12.006>
32. Modak, S., Acharya, S., **Bandyopadhyay, A.**, Karan, S., Roy, S. K., & Chakrabarti, P. K. (2010). Micro-structural investigations and paramagnetic susceptibilities of zinc oxide, europium oxide and their nanocomposite. *Journal of Magnetism and Magnetic Materials*, 322, 283. <https://doi.org/10.1016/j.jmmm.2009.09.030>
33. Acharya, S., **Bandyopadhyay, A.**, Modak, S., Mukherjee, S., Das, D., & Chakrabarti, P. K. (2009). XRD, HRTEM, magnetic and Mössbauer studies on chemically prepared Fe^{3+} -doped nanoparticles of cerium oxide. *Journal of Magnetism and Magnetic Materials*, 321, 2701. <https://doi.org/10.1016/j.jmmm.2009.03.071>

Book Chapters:

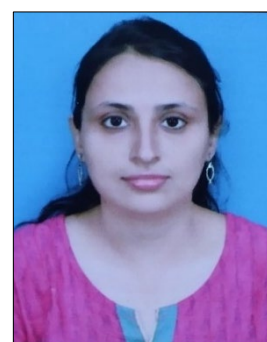
1. Nath, M., & **Bandyopadhyay, A.** (2024). *Rietveld analysis: An essential tool for structural analysis*. CRC Press (Taylor & Francis Group).

2. Nath, M., Chakraborty, S., **Bandyopadhyay, A.**, & Sutradhar, S. (2023). *Theoretical aspect of magnetism in non-magnetic oxides*. Elsevier. ISBN: 978-0-323-90907-5. <https://doi.org/10.1016/B978-0-323-90907-5.00025-7>
3. Samanta, R., **Bandyopadhyay, A.**, Mondal, A., Saha, A., & Mondal, G. (2023). *Recent trends in nanometric dispersed polymer composites*. CRC Press (Taylor & Francis Group). ISBN: 9781003343912. <https://doi.org/10.1201/9781003343912>
4. Chattopadhyay, S., **Bandyopadhyay, A.**, & Nath, M. (2023). *Physics of ferrite ceramics*. Elsevier. ISBN: 978-0-323-89956-7. <https://doi.org/10.1016/B978-0-323-89956-7.00009-7>

Soma Mitra

M.A. (Double), Ph.D.

Assistant Professor



Specialization:

- Non-linear coherent spectroscopy
- LASER Physics
- Optical properties of Nanomaterials

Published:

- **Journal Articles: 23; Book Chapters: 01**

Journal Articles:

1. Karmakar, A., Chakraborty, T., Chakravarty, S., Nath, M., Chakraborty, S., **Mitra, S.**, Sarkar, S., Mandal, G., Banerjee, A., Bhaumick, C., Sutradhar, S., & Bandyopadhyay, A. (2024). The influence of Nd³⁺ doping on the structural, optical, magnetic, and dielectric characteristics of nanoscale hexagonal wurtzite type ZnO. *Journal of Magnetism and Magnetic Materials*, 591, 171728. Elsevier. <https://doi.org/10.1016/j.jmmm.2024.171728>
2. Sarkar, S., Chakrabarti, A., Chattopadhyay, S., Kuo, Y.-K., Chakraborty, S., **Mitra, S.**, Nath, M., & Bandyopadhyay, A. (2024). Modulating optical and magnetic characteristics in Cu (1-x) Dy x O nanoparticles through doping. *Chemistry Select*, 9, e202402055. Wiley. <https://doi.org/10.1002/slct.202402055>
3. Chakrabarti, A., **Mitra Banerjee, S.**, Basandrai, D., Chakravarty, S., Chattopadhyay, S., Sarkar, S., Mandal, G., Nath, M., & Bandyopadhyay, A. (2023). Investigation on the structural, magnetic, microwave absorption properties, and shielding effectiveness in the Ku frequency band of pristine and Dy³⁺ doped stannous ferrite nanoparticles. *Journal of Materials Science: Materials in Electronics*, 34, 1325. Springer. <https://doi.org/10.1007/s10854-023-10707-0>
4. Karmakar, A., Samanta, S., Chattopadhyay, S., Banerjee, J., Nath, M., Sarkar, B. J., Raha, D., **Mitra, S.**, Sarkar, S., Dash, S. K., & Bandyopadhyay, A. (2023). Room temperature magnetic ordering and in vitro antibacterial potency of Nd³⁺ doped CeO₂ against pathogenic bacterial strains. *Chemical Physics Impact*, 7, 100337. Elsevier. <https://doi.org/10.1016/j.chphi.2023.100337>

5. Chakraborti, A., Banerjee, J., Chakravarty, S., Samanta, S., Nath, M., Chattopadhyay, S., Sarkar, S., **Mitra Banerjee, S.**, Chowdhury, S., Dash, S. K., & Bandyopadhyay, A. (2022). Exploration of structural and magnetic aspects of biocompatible cobalt ferrite nanoparticles with canted spin configuration and assessment of their selective anti-leukemic efficacy. *Journal of Magnetism and Magnetic Materials*, 563, 169957(1-13). Elsevier. <https://doi.org/10.1016/j.jmmm.2022.169957>
6. Barik, T. K., Mandal, S. M., **Mitra (Banerjee), S.**, Maity, G. C., Roymahapatra, G., & Santra, T. S. (2020). Prospect of nanotechnology: A brief review. *Journal of the Indian Chemical Society*, 97, 2372-2384. <https://doi.org/10.5281/zenodo.5656118>
7. Das, S. K., **Mitra, S.**, & Banerjee, D. (2016). Verification of university class of different critical exponents for competitive growth model in 1+1 dimension. *International Journal of Research Publications in Engineering and Technology*, 2, 8-13.
8. Dey, S., Aich, N., **Mitra, S.**, Chaudhuri, C., Ghosh, P. N., & Ray, B. (2015). A study of the repumping laser and external magnetic field effect on coherent absorption resonance in alkali vapour. *Chemical Physics Letters*, 627, 107-115. Elsevier. <https://doi.org/10.1016/j.cplett.2015.03.044>
9. Dey, S., **Mitra, S.**, Ghosh, P. N., & Ray, B. (2015). EIT line shape in an open and partially closed multilevel V-type system. *Optik*, 126, 2711-2717. Elsevier. <https://doi.org/10.1016/j.ijleo.2015.06.077>
10. Krasteva, A., Ray, B., Slavov, D., Todorov, P., Ghosh, P. N., **Mitra, S.**, & Cartaleva, S. (2014). Observation and theoretical simulation of electromagnetically induced transparency and enhanced velocity selective optical pumping in cesium vapour in a micrometric thickness optical cell. *Journal of Physics B: Atomic, Molecular and Optical Physics*, 47, 175004. IOP Science. <https://doi.org/10.1088/0953-4075/47/17/175004>
11. **Mitra, S.**, Dey, S., Hossain, M. M., Ghosh, P. N., & Ray, B. (2013). Temperature and magnetic field effects on the coherent and saturating resonances in Λ - and V-type systems for the 85Rb-D2 transition. *Journal of Physics B: Atomic, Molecular and Optical Physics*, 46, 075002. IOP Science. <https://doi.org/10.1088/0953-4075/46/7/075002>
12. **Mitra, S.**, Hossain, M. M., Poddar, P., Chaudhuri, C., Ray, B., & Ghosh, P. N. (2011). Standing wave pump field induced coherent non-linear resonances in rubidium vapor. *Chemical Physics Letters*, 513, 173-178. Elsevier. <https://doi.org/10.1016/j.cplett.2011.07.085>
13. Hossain, M. M., **Mitra, S.**, Poddar, P., Chaudhuri, C., Ray, B., & Ghosh, P. N. (2011). Nonlinear resonances caused by coherent, optical pumping and saturating effects in the presence of three laser fields for the 85Rb-D2 line. *Journal of Physics B: Atomic, Molecular and Optical Physics*, 44, 115501. IOP Science. <https://doi.org/10.1088/0953-4075/44/11/115501>
14. Hossain, M. M., **Mitra, S.**, Ray, B., & Ghosh, P. N. (2011). Double EIT and enhanced EIT signal in a combination of Λ - and V-type system of Rb-D2 transition. *Applied Physics B*, 103, 117-122. Springer. <https://doi.org/10.1007/s00340-010-4249-6>
15. **Mitra, S.**, Hossain, M. M., Ray, B., Ghosh, P. N., Cartaleva, S., & Slavov, D. (2011). Coherent laser spectroscopy of rubidium atoms. *Proceedings of SPIE*, 7747, 77470B. <https://doi.org/10.1117/12.884569>
16. Poddar, P., **Mitra, S.**, Hossain, M. M., & Ray, B. (2011). A comparative study of the effects of different buffer gases on the line shape of water vapour rovibronic transition. *Vibrational Spectroscopy*, 56, 96-98. Elsevier. <https://doi.org/10.1016/j.vibspec.2010.08.006>

17. **Mitra, S.**, Hossain, M. M., Ray, B., Ghosh, P. N., Cartaleva, S., & Slavov, D. (2010). On line shape of electromagnetically induced transparency in a multilevel system. *Optics Communications*, 283, 1500. Elsevier. <https://doi.org/10.1016/j.optcom.2009.11.088>
18. Poddar, P., **Mitra, S.**, Hossain, M. M., Biswas, D., Ghosh, P. N., & Ray, B. (2010). Diode laser spectroscopy of He, N₂, and air broadened water vapour transitions belonging to the (2v₁+v₂+v₃) overtone band. *Molecular Physics*, 108, 1957-1964. Taylor & Francis. <https://doi.org/10.1080/00268976.2010.499376>
19. **Mitra, S.**, Hossain, M. M., Ghosh, P. N., & Ray, B. (2010). EIT locking of a semiconductor diode laser: Significant improvement over Doppler locking. *Indian Journal of Physics*, 84, 969-975. Springer. <https://doi.org/10.1007/s12648-010-0091-2>
20. Slavov, D. G., Cartaleva, S. S., Sarkisyan, D., Ghosh, P. N., Ray, B., & **Mitra, S.** (2010). Rubidium vapor cell miniaturization—Influence on the optical pumping process. *Indian Journal of Physics*, 84, 1083. Springer. <https://doi.org/10.1007/s12648-010-0103-2>
21. Hossain, M. M., **Mitra, S.**, Chakrabarti, S., Bhattacharyya, D., Ray, B., & Ghosh, P. N. (2009). Study of width and height of EIT resonance in a Doppler broadened five-level system with varying probe power. *European Physical Journal D*, 53, 141-146. Springer. <https://doi.org/10.1140/epjd/e2009-00108-7>
22. Hossain, M. M., **Mitra, S.**, Ray, B., & Ghosh, P. N. (2009). High contrast electromagnetically induced transparency in a nitrogen-filled Rb vapour cell. *Laser Physics*, 19, 2008-2013. Springer. <https://doi.org/10.1134/S1054660X09190104>
23. Biancalana, V., Cartaleva, S., Dancheva, Y., Ghosh, P. N., Mariotti, E., **Mitra, S.**, Moi, L., Petrov, N., Ray, B., Sarkisyan, D., & Slavov, D. (2009). Population loss in closed optical transitions of Rb and Cs atoms confined in micrometric thin cells. *Acta Physica Polonica A*, 116, 495-497. Proceedings of the International School and Conference on Photonics, PHOTONICA09. <https://doi.org/10.12693/APhysPolA.116.495>

Book Chapters:

1. **Mitra S.**, (2020). Frontier Aspects of Natural Sciences, Li Fi: *A staircase to future 5G Communication Technology*, pp. 16, The Banaras Marcentile Co. ISBN:978-81-86359-83-4

Subrata Sarkar

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Dusty Plasma
- Nanomaterials

Published:

- **Journal Articles: 09; Books:01; Book Chapters: 02**

Journal Articles

1. **Sarkar, S.**, Ghosh, S., Khan, M., & Gupta, M. R. (2011). Nonlinear low-frequency wave propagation in electronegative dusty plasma: Effects of adiabatic and nonadiabatic charge variations. *Physics of Plasmas*, 18(9), 093703. American Institute of Physics. <https://doi.org/10.1063/1.3632979>
2. Ghosh, S., **Sarkar, S.**, Khan, M., & Gupta, M. R. (2011). Low-frequency wave modulations in an electronegative dusty plasma in the presence of charge variations. *Physical Review E*, 84(6), 066401. American Physical Society. <https://doi.org/10.1103/PhysRevE.84.066401>
3. **Sarkar, S.**, Adak, A., Ghosh, S., & Khan, M. (2016). Ion acoustic wave modulation in a dusty plasma in presence of ion loss, collision and ionization. *Journal of Plasma Physics*, 82, 905820504. <https://doi.org/10.1017/s0022377816000799>
4. Chakraborti, A., Banerjee, J., Chakravarty, S., Samanta, S., Nath, M., Chattopadhyay, S., **Sarkar, S.**, Mitra Banerjee, S., Chowdhury, S., Dash, S. K., & Bandyopadhyay, A. (2022). Exploration of structural and magnetic aspects of biocompatible cobalt ferrite nanoparticles with canted spin configuration and assessment of their selective anti-leukemic efficacy. *Journal of Magnetism and Magnetic Materials*, 563, 169957(1-13). Elsevier. <https://doi.org/10.1016/j.jmmm.2022.169957>
5. Chakrabarti, A., Mitra Banerjee, S., Basandrai, D., Chakravarty, S., Chattopadhyay, S., **Sarkar, S.**, Mandal, G., Nath, M., & Bandyopadhyay, A. (2023). Investigation on the structural, magnetic, microwave absorption properties, and shielding effectiveness in the Ku frequency band of pristine and Dy³⁺ doped Stannous ferrite nanoparticles. *Journal of Materials Science: Materials in Electronics*, 34, 1325. Springer. <https://doi.org/10.1007/s10854-023-10707-0>
6. Chakrabarti, A., **Sarkar, S.**, Mitra Banerjee, S., Bandyopadhyay, A., & Chattopadhyay, S. (2023). Investigating the modification in structural properties of cobalt ferrite nanoparticles with increasing annealing temperature. *Materials Today: Proceedings*. Elsevier. <https://doi.org/10.1016/j.matpr.2023.05.006>
7. Karmakar, A., Samanta, S., Chattopadhyay, S., Banerjee, J., Nath, M., B. J. Sarkar, Raha, D., Mitra, S., **Sarkar, S.**, Dash, S. K., & Bandyopadhyay, A. (2023). Room temperature magnetic ordering and in vitro antibacterial potency of Nd³⁺ doped CeO₂ against the pathogenic bacterial strains. *Chemical Physics Impact*, 7, 100337. Elsevier. <https://doi.org/10.1016/j.chphi.2023.100337>
8. **Sarkar, S.**, Chakrabarti, A., Chattopadhyay, S., Kuo, Y.-K., Chakraborty, S., Mitra, S., Nath, M., & Bandyopadhyay, A. (2024). Modulating optical and magnetic characteristics in Cu_(1-x)Dy_xO

nanoparticles through doping. *ChemistrySelect*, 9, e202402055. Wiley. <https://doi.org/10.1002/slct.202402055>

9. Karmakar, A., Chakraborty, T., Chakravarty, S., Nath, M., Chakraborty, S., Mitra, S., **Sarkar, S.**, Mandal, G., Banerjee, A., Bhaumick, C., Sutradhar, S., & Bandyopadhyay, A. (2024). The influence of Nd³⁺ doping on the structural, optical, magnetic, and dielectric characteristics of nanoscale hexagonal wurtzite type ZnO. *Journal of Magnetism and Magnetic Materials*, 591, 171728. Elsevier. <https://doi.org/10.1016/j.jmmm.2024.171728>

Books:

1. **Sarkar, S.** (2022). *Fundamental processes in a dissipative dusty plasma*. The banaras Mercantile Co., ISBN 978-81-86359-98-2

Book Chapters:

1. **Sarkar S.**, *Environmental Concern: An Overview: Diesel Nano Particle Pollution: A New Threat Human Life*, ISBN -978-81-86359-65-6
2. **Sarkar S.**, Frontier Aspects of Natural Sciences, Mitra S. & Sarkar S. (Eds.), *Interspecies competition in nature: A mathematical description*, ISBN:978-81-86359-83-4, The Banaras Marcentile Co.

2.8 Department of Physiology

The postgraduate Department of Physiology of the University of Gour Banga started its journey in August 2016, with two faculty members and PG students under a two-year-four-semester process. The faculty members have furnished the whole PG course (CBCS) and have built up a general practical/research laboratory and cell culture unit, which are running satisfactorily. Research activity has been the backbone of this department since its journey. The department has offered Ph.D. programs since 2019 in various thrust areas, including cancer biology, nanotechnology & monotherapy, microbiology, immunology, toxicology, and community health. The department's main goals are to promote teaching and research with special emphasis on human health-related issues and to provide exposure to the students to updated research activities and training. The students of this department have been successful in several competitive examinations, including NET, SET, GATE, etc. Both the faculty members have nationally and internationally reputed research publications. One of the faculty members is recognized for his cancer research. This is a great source of pride for our university.

- Year of establishment: 2016
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Sandeep Kumar Dash

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Immunology
- Microbiology
- Cancer Biology
- Nanotechnology
- Toxicology

Published:

- **Journal Articles: 85; Book Chapters: 06.**

Journal Articles:

1. Bhattacharyya, S., Samanta, S., Hore, M., Barai, S., **Dash, S. K.**, & Roy, S. (2024). Phytochemical compositions, antioxidant, anticholinesterase, and antibacterial properties of *Clerodendrum thomsoniae* Balf. f. leaves: In vitro and in silico analyses. *Pharmacological Research-Natural Products*, 5, 100121. Elsevier. <https://doi.org/10.1016/j.prenap.2024.100121>
2. Mishra, M., Ahmed, R., Das, D. K., Pramanik, D. D., **Dash, S. K.**, & Pramanik, A. (2024). Recent advancements in the application of circulating tumor DNA as biomarkers for early detection of cancers. *ACS Biomaterials Science & Engineering*, 10(8), 4740–4756. ACS. <https://doi.org/10.1021/acsbiomaterials.4c00606>
3. Das, G., Ahmed, R., Banerjee, J., Samanta, S., Das, S., Pramanik, S., Das, B., Giri, B., & **Dash, S. K.** (2024). Inter-variant recombination, genomic perspectives, and pathogenicity of emerging sub-variants of Omicron: Recent updates and challenges. *Gene Expression*. XHP Publishing. <https://doi.org/10.14218/GE.2023.00104>
4. Sau, S., Dey, A., Pal, P., Das, B., Maity, K. K., **Dash, S. K.**, Tamili, D. K., & Das, B. (2024). Immunomodulatory and immune-toxicological role of nanoparticles: Potential therapeutic applications. *International Immunopharmacology*, 135, 112251. Elsevier. <https://doi.org/10.1016/j.intimp.2024.112251>
5. Rahaman, S. N., Das, S., Samanta, S., Ahmed, R., Banerjee, J., Alam, S. S., Pal, A., Ali, K. M., & **Dash, S. K.** (2024). Cross-sectional study on the association among hypertension with obesity indicators and dietary patterns of the fishing community at coastal regions in India. *Clinical Epidemiology and Global Health*, 1(27), 101573. Elsevier. <https://doi.org/10.1016/j.cegh.2024.101573>
6. Attri, N., Das, S., Banerjee, J., Shamsuddin, S. H., **Dash, S. K.**, & Pramanik, A. (2024). Liposomes to cubosomes: The evolution of lipidic nanocarriers and their cutting-edge biomedical applications. *ACS Applied Bio-Materials*, 7(5), 2677–2694. ACS. <https://doi.org/10.1021/acsabm.4c00153>

7. Samanta, S., Banerjee, J., Das, A., Das, S., Ahmed, R., Das, S., Pal, A., Ali, K. M., Mukhopadhyay, R., Giri, B., & **Dash, S. K.** (2024). Enhancing immunological memory: Unveiling booster doses to bolster vaccine efficacy against evolving SARS-CoV-2 mutant variants. *Current Microbiology*, 81(3), 91. Springer. <https://doi.org/10.1007/s00284-023-03597-2>
8. Murmu, N., Sarkar, M., Dey, S., Manna, R., Roy, S., Mondal, T., Halder, S., Bhattacharjee, N., **Dash, S. K.**, & Giri, B. (2023). Efficacy and limitations of repurposed drugs and vaccines for COVID-19. *Journal of Medicine, Surgery, and Public Health*, 2, 100041. Elsevier. <https://doi.org/10.1016/j.glmedi.2023.100041>
9. Ahmed, R., Samanta, S., Banerjee, J., & **Dash, S. K.** (2023). XBB and BQ.1, the two Omicron cousins dominating globally: Is it time we should think again? *La Presse Médicale (Paris, France: 1983)*, 53(1), 104220. Europe PMC. <https://doi.org/10.1016/j.lpm.2023.104220>
10. Karmakar, A., Samanta, S., Chattopadhyay, S., Banerjee, J., Nath, M., Sarkar, B. J., Raha, D., Mitra, S., Sarkar, S., **Dash, S. K.**, & Bandyopadhyay, A. (2023). Room temperature magnetic ordering and in vitro antibacterial potency of Nd³⁺ doped CeO₂ against pathogenic bacterial strains. *Chemical Physics Impact*, 7, 100337. Elsevier. <https://doi.org/10.1016/j.chphi.2023.100337>
11. Hasan, S. N., Banerjee, J., Patra, S., Kar, S., Das, S., Samanta, S., Wanigasekera, D., Pavithra, U., Wijesekera, K., Napagoda, M., Giri, B., **Dash, S. K.**, & Bag, B. (2023). Self-assembled renewable nano-sized pentacyclic triterpenoid maslinic acids in aqueous medium for anti-leukemic, antibacterial, and biocompatibility studies: An insight into targeted proteins-compound interactions-based mechanistic pathway prediction through molecular docking. *International Journal of Biological Macromolecules*, 245, 125416. Elsevier. <https://doi.org/10.1016/j.ijbiomac.2023.125416>
12. Banerjee, J., Samanta, S., Ahmed, R., & **Dash, S. K.** (2023). Bioactive pentacyclic triterpenes trigger multiple signaling pathways for selective apoptosis leading to anticancer efficacy: Recent updates and future perspectives. *Current Protein & Peptide Science*, 24(10), 820–842. Bentham Science. <https://doi.org/10.2174/1389203724666230418123409>
13. Sawpari, R., Samanta, S., Banerjee, J., Das, S., Dash, S. S., Ahmed, R., Giri, B., & **Dash, S. K.** (2023). Recent advances and futuristic potentials of nano-tailored doxorubicin for prostate cancer therapy. *Journal of Drug Delivery Science and Technology*, 81, 104212. Elsevier. <https://doi.org/10.1016/j.jddst.2023.104212>
14. Samanta, S., Banerjee, J., Das, S., Ahmed, R., & **Dash, S. K.** (2023). Tomato flu: A mysterious catastrophic infection knocking at the door. *International Journal of Surgery*, 109(2), 138–140. Wolters Kluwer. <https://doi.org/10.1097/JS9.0000000000000094>
15. Dey, S., Murmu, N., Mondal, T., Saha, I., Chatterjee, S., Manna, R., Halder, S., **Dash, S. K.**, Sarkar, T. R., & Giri, B. (2023). Multifaceted entrancing role of glucose and its analogue, 2-deoxy-D-glucose in cancer cell proliferation, inflammation, and virus infection.

16. Rahaman, S.N., Pal, A., Samanta, S., Banerjee, J., Das, S., Mukhopadhyay, R., **Dash, S. K.**, & Ali, KM. (2022). Evaluation of socio-economic status and demographic characteristics of fishermen at coastal areas of West Bengal, India. *International Journal of Food and Nutritional Sciences*, 11(8), 1963-1973.
17. Ahmed, R., Samanta, S., Banerjee, J., Kar, S.S., & **Dash, S. K.** (2022). Modulatory role of miRNAs in thyroid and breast cancer progression and insights into their therapeutic manipulation. *Current Research in Pharmacology and Drug Discovery*, 3, 100131. Elsevier. DOI: 10.1016/j.crphar.2022.100131
18. Banerjee, J., Samanta, S., & **Dash, S. K.** (2022). Prospective Role of Maslinic Acid in Anticancer Therapy and Cytoprotection. *Annals of Oncology Case Reports*, 1(1), 1004. MEDDOCS.
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Book Chapters:

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4. Samanta, S., Banerjee, J., Ahmed, R., & **Dash S. K.** (2023). Potential Benefits of Bioactive Functional Components of Citrus Fruits for Health Promotion and Disease Prevention. In: *Recent Advances in Citrus Fruits* (pp. 451-499). Springer International Publishing., 451-499, https://doi.org/10.1007/978-3-031-37534-7_15.
5. Banerjee, J., Samanta, S., **Dash, S. K.**, & Pramanik, A. (2023). Lipid based nanomaterials as phototheranostic agents. In: *Organic Nanomaterials for Cancer Phototheranostics* (1st Edition), Elsevier., 195-232, <https://doi.org/10.1016/B978-0-323-95758-8.00005-8>.
6. Samanta, S., Banerjee, J., & **Dash, S. K.** (2021). Dysregulation of Myeloid cells and functional exhaustion of Natural Killer Cells in COVID-19 patients. S Tripathy (Ed), *COVID-19 & YEAR 2020* (pp.) Notion Press, 1, 979-8885300049.

2.9 Department of Zoology

The Department of Zoology of this University started its journey in 2012 with three faculty members, Dr. Shyamapada Mandal, Dr. Kaushik Chakraborty, and Mr. Subhrajyoti Roy. The development and establishment of the Department, with all its mechanisms, is progressive and plan-wise, with a view to establishing outstanding academic vibes at all levels: teaching and research. This Department is equipped with some modern instruments for PG and Ph.D. D. It is a great pleasure to say that one of the faculty members of this department has been featured in the World's top 2% scientists list of Stanford University for five consecutive years (2019 to 2024).

Zoology study involves experimental project work and research in special papers: Microbiology, Immunology, Parasitology, vector Biology, Nanobiotechnology, and Molecular biology and genetics. Some of the outcomes have already been published in reputed scientific journals.

- Year of establishment: 2012
- Programmes offered: M.Sc. & Ph.D.

Faculty publications of this Department are as follows:

Anjali Rawani

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Parasitology
- Vector Biology
- Nanobiotechnology

Published:

- **Journal Articles: 40; Books:01; Book Chapters: 06**

Journal Articles:

1. Shah HK, Fathima PA, Ajithlal PM, Kumar A, **Rawani A**, et al. (2024). Nationwide cross-sectional surveillance of *Leishmania donovani* in phlebotomine sand flies and its impact on national kala-azar elimination in India. *Scientific Reports.*, 14(1), 28455 Nature Publishing Group UK, <https://doi.org/10.1038/s41598-024-78915-0>.
2. **Rawani A**, Gope A, Parvin I, Khanrah J, Rahaman N. (2024). Assessment of larvicidal and antioxidant activities of crude extract and synthesised silver nanoparticles from leaves and stem of *Ranunculus sceleratus* L. *Indian Journal of Natural Products and Resources.*, 15(3), 436-448, CSIR- NISPR, DOI: 10.56042/ijnpr.v15i3.5830.

3. Khanrah J, **Rawani A.** (2024). Evaluation of in vitro anthelmintic activity of crude extract and synthesized green silver nanoparticles of the leaves of *Mammea americana* L. *Journal of Parasitic Diseases.*, 48, 537- 550, Springer India, <https://doi.org/10.1007/s12639-024-01693-z>.
4. Parvin I, Gope A, Khanrah J, **Rawani A.** (2024). Insect as food: search for new protein dietary sources—A review. *Trends in Current Biology.*, 2(1), 15 -25, horizon e publishing group,
5. Rahaman M, Gope A, Khanrah J, **Rawani A.** (2024). A review on recent advances of natural products as larvicides in vector control management. *Jordan Journal of Pharmaceutical Sciences.*, 17(1), 78-104. DSR Publishers/The University of Jordan, DOI: <https://doi.org/10.35516/jjps.v17i1.1792>.
6. Rahman N, Gope A, Khanrah J, **Rawani A.** (2024). Drug Discovery Potential of Insect-derived Compounds: A Review. (2024). *Current Drug Discovery Technologies.*, 14, 28455, Bentham Science Publishers, DOI: 10.2174/0115701638294753240422134722.
7. Karmakar, P., Chakraborty, S., Khanrah, J, and **Rawani, A.** (2023). Evaluation of larvicidal, pupicidal and adulticidal activities of three plants against filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae), *J. Appl. Entomol.*, Dzarc Publications, vol. 3, no. 1, pp. 26–33. ISSN NO: 2583-1917.
8. **Rawani, A.** (2023). Potential biological control agents for the control of vector mosquitoes: A review. *Notulae Scientia Biologicae*, 15(1), 11325, Society of Land Measurements and Cadastre from Transylvania (SMTCT), DOI: <https://doi.org/10.55779/nsb15111325>.
9. Saha, R, Ghosh, A., Gope, A., **Rawani, A.** (2023). Evaluation of the efficacy of three plant extracts as potent mosquito larvicides, pupicides, and adulticides. *International Journal of Development Research*, 13 (05), 62750-62756. Academe Research Journals, DOI: <https://doi.org/10.37118/ijdr.26679.05.2023>.
10. Gope, A, **Rawani, A.** & Chatterjee, P. (2023). Evaluation of mosquito larvicidal activity of green synthesized crystalline silver nanoparticles using leave and fruit extracts of *Phyllanthus acidus* L. (Phyllanthaceae). *Notulae Scientia Biologicae*, 15(4), 11722, Society of Land Measurements and Cadastre from Transylvania (SMTCT), <https://doi.org/10.55779/nsb15411722>.
11. Karmakar, P, Gope, A, Khanrah, J, **Rawani, A.** (2023). “Therapeutic uses of green synthesized metal nanoparticles: A review, *J Xidian Uni*; 17 (5), 253-280, Science Press,
12. Banu, T, Gope, A, Khanrah, J, and **Rawani A.** (2023). (Fabaceae): A review”. *International Journal of Current Research*, 15 (10): 26325-26329, DOI: <https://doi.org/10.24941/ijcr.46062.10.2023>.
13. **Rawani, A.** (2022). Quantitative Biochemical Profile of Leaves and Seeds of *Cajanus cajan* L. (Fabaceae). *Journal of Plant Biology and Crop Research.*, 5(1), 1056. MedDocs Publishers,
14. **Rawani, A.**, Ghosh, A & Chandra, G. (2022). Functional Response of Fingerlings of *Hypophthalmichthys molitrix* (Silver carp) as Mosquito Larval Predator Against *Culex vishnui* Group. *Proc Zool Soc.*, 75, 413–417. Springer Nature <https://doi.org/10.1007/s12595-022-00452-3>.
15. Ghosh, A., **Rawani, A.**, Mondal, R.P., Chandra, G. (2022). Mosquito larvicidal and antimicrobial activities of synthesized silver nanoparticles (AgNP) using mature fruit extract of *Cestrum diurnum* L. *Indian J Nat Prod Res, CSIR- NISPR*, 12(4):592–599. DOI: 10.56042/ijnpr.v12i4.33755
16. Chandra, G and **Rawani, A.** (2022). A review on mosquitocidal activity of the genus Solanum. *Intern. J. Zool. Invest.* 8(1): 548-567. <https://doi.org/10.33745/ijzi.2022.v08i01.062>.

17. Gope, A, **Rawani, A.** (2022). Evaluation of mosquitocidal potency of leaves and fruits extracts of *Phyllanthus acidus* L. against filarial vector *Culex quinquefasciatus* Say. *International Journal of Mosquito Research*; 9(5): 49-56. DOI: <https://doi.org/10.22271/23487941.2022.v9.i5a.632>.
18. **Rawani, A.**, Gope, A. (2021). A review on Anthelmintic properties of plants. *Zeichen journal*, September, 7(9) PP 272-291.
19. **Rawani, A.**, Ghosh, A & Chandra, G. (2021). Evaluation of mosquito larvicidal activities of stem, root and flower of *Solanum nigrum* L. against filarial vector *Culex quinquefasciatus* Say. *International Journal of Mosquito Research*, 8 (6), 13-19.
20. **Rawani, A.** (2021). Efficacy of *Callistemon viminalis* leaf extract against filarial vector *Culex quinquefasciatus* Say. *Zeichen Journal*, 7(4), 241-254. DOI:15. 10089.ZJ. 2021.V7I4.285311.2373
21. **Rawani, A.** (2020). Larvicidal efficacy of the mature leaf extract of *Cajanus cajan* against the vector of Japanese encephalitis. *Int J Trop Insect Sci.*, **41**, 1155–1161. <https://doi.org/10.1007/s42690-020-00300-x>.
22. Barik, M, **Rawani, A.**, Laskar, S, Chandra, G. (2019). Evaluation of mosquito larvicidal activity of fruit extracts of *Acacia auriculiformis* against the Japanese encephalitis vector *Culex vishnui*. *Nat Prod Res.* 2019 Jun;33(11):1682-1686, DOI: 10.1080/14786419.2018.1428585.
23. **Rawani, A.** (2017). Mosquito Larvicidal Activity of Green Silver Nanoparticle Synthesized from the Bud Extract of *Polianthus tuberosa* L. *International Journal of Nanotechnology and Applications*,11, 17-28.
24. **Rawani, A.**, Ray A.S, Ghosh, A., Sakar, M., Chandra, G. (2017). Larvicidal activity of phytosteroid compounds from leaf extract of *Solanum nigrum* against *Culex vishnui* group and *Anopheles subpictus*. *BMC Res Notes* **10**, 135. <https://doi.org/10.1186/s13104-017-2460-9>.
25. Pal, J.K., Singh, A., **Rawani, A.**, Chandra, G. (2016). Larvicidal activity of *Tinospora crispa* (Menispermaceae) fruit extract against filarial vector *Culex quinquefasciatus*, *Journal of Mosquito Research*, 6(35): 1-8 (doi: 10.5376/jmr.2016.06.0035).
26. Mallick, S., Adhikari, U., **Rawani, A.**, and Chandra G. (2016). Phytochemical analyses and larvicidal potentiality of fruit peel extracts of *Citrus limetta* against filarial vector *Culex quinquefasciatus*, *Journal of Mosquito Research* 6(22): 1-7 (doi: 10.5376/jmr.2016.06.0022).
27. Barik M., **Rawani, A.**, Chandra, G. (2016). Mosquito larvicidal activity of solvent extracts of fruits of *Acacia auriculiformis* against Japanese encephalitis vector *Culex vishnui* group. *Journal of Mosquito Research*; 6(13), 1-8. DOI: 10.5376/jmr.2016.06.0013.
28. **Rawani, A.**, Ghosh, A., Laskar, S., Chandra, G. (2014). Glucosinolate from leaf of *Solanum nigrum* L. (Solanaceae) as a new mosquito larvicide. *Parasitology Research*; 113(12), 4423-30, Doi no. 10.1007/s00436-014-4120-5.
29. **Rawani, A.**, Ghosh, A., Chandra, G. (2014). Laboratory evaluation of molluscidal and mosquito larvicidal activities of leaves of *Solanum nigrum* L. *Indian Journal of Medical Research*, 140: 285-295. PMID: 25297363; PMCID: PMC4216504.
30. **Rawani, A.**, Ghosh, A., Chandra, G. (2014). Mosquito larvicidal potential of four common medicinal plants of India. *Indian Journal of Medical Research*, 140: 102-108.
31. Kundu, M., **Rawani, A.**, Chandra, G. (2013). Evaluation of mosquito larvicidal activities of seed coat extract of *Cassia sophera* L. *Journal of Mosquito Research*, 3(11):76-81. DOI: 10.5376/jmr.2013.03.0011

32. **Rawani, A.**, Ghosh, A., Chandra, G. (2013). Mosquito larvicidal and antimicrobial activity of synthesized nano-crystalline silver particles using leaves and green berry extract of *Solanum nigrum* L. *Acta Tropica*; 128: 613-622. DOI: 10.1016/j.actatropica.2013.09.007
33. **Rawani, A.**, Chowdhury, N., Ghosh, A., Laskar, S., Chandra, G. (2013). Mosquito larvicidal activity of *Solanum nigrum* berry extracts. *Indian Journal of Medical Research*; 137(5):972–976. PMID: PMC3734691 PMID: 23760385
34. Adhikari, U., **Rawani, A.**, Chandra, G. (2012). Ecofriendly control of mosquito immature by two organic products: L (+)-tartaric acid and thiourea. *Environmental Science An Indian Journal*; 7(11): 391-394. ISSN: 0974 – 7451.
35. **Rawani, A.**, Banerjee, A., Chandra, G. (2012). Mosquito larvicidal and biting deterrence activity of bud of *Polianthes tuberosa* plants extract against *Anopheles stephensi* and *Culex quinquefasciatus*. *Asian Pacific Journal of Tropical Disease*, 2012; 2 (3), 200-204. DOI: [https://doi.org/10.1016/S2222-1808\(12\)60046-2](https://doi.org/10.1016/S2222-1808(12)60046-2).
36. **Rawani A**, Ghosh A, Laskar S, Chandra G. (2012). Aliphatic amide from seeds of *Carica papaya* as mosquito larvicide, pupicide, adulticide, repellent and smoke toxicant. *Journal of Mosquito Research*; 2(2):8-18. DOI:10.5376/jmr.2012.02.0002
37. **Rawani, A.**, Pal, S., Chandra, G. (2011). Evaluation of antimicrobial properties of four plant extracts against human pathogens. *Asian Pacific Journal of Tropical Biomedicine*; S71-S75. DOI: [https://doi.org/10.1016/S2221-1691\(11\)60127-5](https://doi.org/10.1016/S2221-1691(11)60127-5)
38. Hossain, E., **Rawani, A.**, Chandra, G., Mandal, S.C., Gupta, J.K. (2011). Larvicidal activity of *Dregea volubilis* and *Bombax malabaricum* leaf extracts against the filarial vector *Culex quinquefasciatus*. *Asian Pacific Journal of Tropical Medicine*; 4(6):436-41, DOI: 10.1016/S1995-7645(11)60121-1
39. **Rawani, A.**, Ghosh, A., Chandra, G. (2010). Mosquito larvicidal activities of *Solanum nigrum* L. leaf extract against *Culex quinquefasciatus* Say. *Parasitology Research*; 107(5):1235-40. doi: 10.1007/s00436-010-1993-9.
40. **Rawani, A.**, Haldar, K.M., Ghosh, A., Chandra, G. (2009). Larvicidal activities of three plants against filarial vector *Culex quinquefasciatus* Say (Diptera: Culicidae). *Parasitology Research*; 105(5):1411-7. doi: 10.1007/s00436-009-1573-z

Books:

1. **Rawani, A.** (2022). *Complementary Systems of Medicine for Healthcare*. Iterative International Publisher IIP. ISBN: 978-9392591839, Page: 1-108.

Book Chapters:

1. **Rawani A** and Chandra G. (2013). Seasonal variation and Quantitative Analysis of Some Primary and Secondary Biochemicals of Leaves of *Solanum nigrum* L. (Solanaceae). *Recent Progresses in Medicinal Plants*, vol.35, chapter 11, pg. 271-282.
2. **Rawani, A.** (2020). Role of ICT in Higher Education: A Futuristic Blueprint of Advance Education in India. In M. Singh, D. Kumar, (Eds.), *Higher Education in Pandemic Era* (pp. 8–19). Twentyfirst Century Publications, Patiala. ISBN: 978-93-90154.

3. **Rawani A.**, Gope A. (2023). A review on the efficacy of *Citrus* species as potent natural insecticides. Book: *Recent Advances in Agricultural Sciences and Technology*. Dilpreet Publishing House -Ariana Publishers & Distributors New Delhi-110 018 (India).
4. Gope A, Yasmin N, Khanrah J, **Rawani A.** (2024). Advances of bio-synthesis of metal nanoparticles by using bacterial strain and their biological properties: a review. *Futuristic Trends in Medical Sciences* Volume 3 Book 5 (pp.168-188), e-ISBN: 978-93-6252-328-0. DOI:10.58532/V3BBMS5P6CH3.
5. Khanrah J, **Rawani A.** (2024). Anthelmintic activity of plant extracts and synthesized green metal nanoparticles against gut helminths of ruminants, *Futuristic Trends in Medical Sciences* Volume 3 Book 5 (pp.109-151), e-ISBN: 978-93-6252-328-0. DOI:10.58532/V3BBMS5P6CH.
6. Saha R, Gope A, **Rawani A.** (2024). Advances of natural product in the control of malarial parasite. *Futuristic Trends in Medical Sciences* Volume 3 Book 5 (pp.152-167), e-ISBN: 978-93-6252-328-0. DOI:10.58532/V3BBMS5P6CH2.

Manoj Lama

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Immunology

Published:

- **Journal Articles: 16; Book Chapters: 01.**

Journal Articles:

1. Chowdhury, A., Arju, S., Barman, T., Sarkar, R., **Lama, M.** (2024). Unveiling the protective role of MMP-2 (rs2285053) and MMP-9 (rs3918242) Gene Polymorphisms in Rheumatoid Arthritis. *Indian Journal of Rheumatology* (Accepted for Publication).
2. Sarkar, R., Chowdhury, A., Ghosh, B., **Lama, M.**, (2024). Correlation Between Increased Serum Concentration of Interleukin-6 and Acute Phase Reactants in Patients with Rheumatoid Arthritis. *African J Biomed Research*, 27(4S), 5534-5539. *Biomedical Communications Group*, Ibadan, Nigeria. <https://doi.org/10.53555/AJBR.v27i4S.3714>
3. Sarkar, R., Ghosh, B., **Lama, M.**, (2023). Association of rheumatoid factor and anti-cyclic citrullinated peptide antibody with demographic, clinical, and inflammatory parameters in rheumatoid arthritis. *Indian J Health Sci Biomed Res*, 16:355-60. Wolters Kluwer. DOI: 10.4103/kleuhsj.kleuhsj_232_23
4. **Lama, M.**, Sarkar, R., Ghosh, B., (2023). Serum Cytokine Profiles in Patients with Rheumatoid Arthritis Before and After Treatment with Methotrexate. *Journal of Interferon & Cytokine Research*. Aug 1;43(8):344-50. Mary Ann Liebert, Inc. DOI: 10.1089/jir.2023.0078

5. Chowdhury, A., Das, RK., **Lama, M.**, (2023). Meta-analysis of interrelation between cytotoxic T-lymphocyte antigen-4 (+49A>G) polymorphism and recurrent spontaneous abortion. *Indian J Health Sci Biomed Res* 16:192-8. Wolters Kluwer. DOI: 10.4103/kleuhsj.kleuhsj_592_22
6. Gurung, J., Bera, NK., **Lama, M.**, Singh, B., (2022). Association of TLR-4 896A/G, TLR-4 1196C/T, and TLR-9 C/T polymorphism with schizophrenia in Indian Bengalee patient. *Indian Journal of Psychiatry*. Nov 64(6):579. Wolters Kluwer. DOI: 10.4103/indianjpsychiatry.indianjpsychiatry_263_22
7. Ghosh, K., **Lama, M.**, (2022). Assessment of demographic characteristics of patients with tuberculosis and treatment profile of revised national tuberculosis control programme in Purba Bardhaman district of West Bengal. *International Journal of Community Medicine and Public Health*. 9(8):3184-9. Medip Academy. <https://dx.doi.org/10.18203/2394-6040.ijcmph20222022>
8. Chowdhury, A., **Lama, M.**, (2022). Association of human leukocyte antigen-G 14-bp insertion/deletion and +3142G>C polymorphisms with rheumatoid arthritis: A meta-analysis. *Indian J Health Sci Biomed Res*. 15: 114-20. Wolters Kluwer. DOI: 10.4103/kleuhsj.kleuhsj_391_21
9. Sarkar, R., Ghosh, B., **Lama, M.**, (2019). Demographic and Clinical Characteristics of Patients with Rheumatoid Arthritis. *IJR*; 6(7): 203-207. *International Journal of Research*.
10. **Lama, M.**, (2018). Association of Toll-Like Receptor (TLR) Gene Polymorphisms with Asthma: A Review. *International Journal of Scientific Research & Reviews(IJSRR)*;7(3):1768-1778. IJSRR.
11. **Lama, M.**, and Chaudhuri, TK., (2016). Prevalence of asthma in Indian populations: An Overview. *BAOJ Allergy Immunol* 2: 1-8. BAOJ.
12. **Lama, M.**, Chatterjee, M., Chaudhuri, TK., (2014). A study of the association of childhood asthma with HLA alleles in the population of Siliguri, West Bengal, India. *Tissue Antigens* 84:316-320. Wiley. <https://doi.org/10.1111/tan.12403>
13. **Lama, M.**, Chatterjee, M., Chaudhuri, TK., (2013). Total Serum Immunoglobulin E in Children with Asthma. *Ind J Clin Biochem* 28(2):197–200. Springer. <https://doi.org/10.1007/s12291-012-0247-2>
14. **Lama, M.**, Chatterjee, M., Nayak, CR., Chaudhuri, TK., (2011). Increased interleukin-4 and decreased interferon- γ levels in serum of children with asthma. *Cytokine* 55: 335–338. Elsevier. <https://doi.org/10.1016/j.cyto.2011.05.011>
15. **Lama, M.**, Chatterjee, M., Chaudhuri, TK., (2011). Epidemiology of Childhood Asthma: A Hospital Based Study. *The Child and Newborn* 15: 41-44. West Bengal Association of Pediatrics.
16. **Lama, M.**, Chatterjee, M., Nayak, CR., Chaudhuri, TK., (2010). Elevated serum C-reactive protein concentration in inhaled corticosteroid-naïve children with asthma. *Int J Chem Sci* 8 (4): 2729-2735. International Journal of Chemical Science.

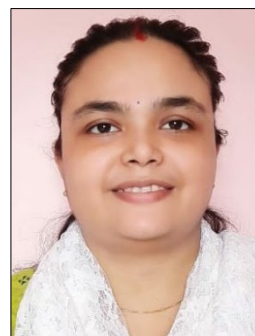
Book Chapters:

1. **Lama M.** (2023). Antibody therapy as alternative to antibiotics. In: Saha T, Adhikari MD, Tiwary BK, editors. *Recent Trends and The Future of Antimicrobial Agents* (Part 2). Singapore. Bentham Science Publishers Pte. Ltd. p. 34-46.

Mitali Das

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Molecular Biology
- Genetics

Published:

- **Journal Articles: 09**

Journal Articles:

1. Sengupta, M., & **Das, M.** (2023). Analysis of Missense SNPs in Human LRP5 Gene by in silico Approach. *Applied Biological Research.*, 25(3): 348-360, Indian Journals, DOI: 10.5958/0974-4517.2023.00043.5, e-ISSN 0974- 4517 p-ISSN 0972-0979
2. Sengupta, M., & **Das, M.** (2023). In silico Identification of MicroRNAs Potentially Targeting the Low-density Lipoprotein Receptor-Related Protein 5 (LRP5) Transcript, a Crucial Factor for Osteoporosis Development and Other Genes of a Predictive Network of LRP5. *American Journal of Bioinformatics Research.*, 12(1): 1-10, Scientific and academic publishing, <https://doi.org/10.5923/j.bioinformatics.20231201.01>, p-ISSN: 2167-6992 e-ISSN: 2167-6976
3. **Das, M.**, Prasad, S. B., Yadav, S. S., Singh, S., Pradhan, S., & Narayan, G. (2019). Prevalence of high risk hpv types in cervical cancer patients of eastern Uttar Pradesh, India. *Journal of Scientific Research*, 63, 147-154, Banaras Hindu University, ISSN, 0447-9483
4. **Das, M.**, Prasad, S. B., Yadav, S. S., Modi, A., Singh, S., Pradhan, S., & Narayan, G. (2015). HPV-type-specific response of cervical cancer cells to cisplatin after silencing replication licensing factor MCM4. *Tumour biology: the journal of the International Society for Oncodevelopmental Biology and Medicine*, 36(12), 9987–9994. SAGE publishing, <https://doi.org/10.1007/s13277-015-3782-7>, ISSN: 1010-4283. e-ISSN: 1423-0380
5. Prasad, S. B., Yadav, S. S., **Das, M.**, Modi, A., Kumari, S., Pandey, L. K., Singh, S., Pradhan, S., & Narayan, G. (2015). PI3K/AKT pathway-mediated regulation of p27(Kip1) is associated with cell cycle arrest and apoptosis in cervical cancer. *Cellular oncology (Dordrecht, Netherlands)*, 38(3), 215–225. Springer, <https://doi.org/10.1007/s13402-015-0224-x>, e-ISSN: 2211-3436. Print ISSN: 2211-3428
6. **Das, M.**, Singh, S., Pradhan, S., & Narayan, G. (2014). MCM Paradox: Abundance of Eukaryotic Replicative Helicases and Genomic Integrity. *Molecular biology international*, 2014, 574850. Wiley online library, <https://doi.org/10.1155/2014/574850>, e-ISSN:2090-2190. Print ISSN:2090-2182

7. Prasad, S. B., Yadav, S. S., **Das, M.**, Govardhan, H. B., Pandey, L. K., Singh, S., Pradhan, S., & Narayan, G. (2014). Down Regulation of FOXO1 Promotes Cell Proliferation in Cervical Cancer. *Journal of Cancer*, 5(8), 655–662. <https://doi.org/10.7150/jca.6554>, ISSN: 1837-9664
8. Yadav, S. S., Prasad, S. B., **Das, M.**, Kumari, S., Pandey, L. K., Singh, S., Pradhan, S., & Narayan, G. (2014). Epigenetic silencing of CXCR4 promotes loss of cell adhesion in cervical cancer. *BioMed research international*, 2014, 581403. <https://doi.org/10.1155/2014/581403>, e- ISSN:2314-6141. Print ISSN:2314-6133
9. **Das, M.**, Prasad, S. B., Yadav, S. S., Govardhan, H. B., Pandey, L. K., Singh, S., Pradhan, S., & Narayan, G. (2013). Over expression of minichromosome maintenance genes is clinically correlated to cervical carcinogenesis. *PloS one*, 8(7), e69607. <https://doi.org/10.1371/journal.pone.0069607>, e-ISSN 1932-6203

Shyamapada Mandal

M.Sc., Ph.D.

Professor



Specialization:

- Microbiology

Published:

- **Journal Articles: 102.**

Journal Articles:

1. Mandal, M., & **Mandal, S.** (2024). Spatiotemporal genome diversity of SARS-CoV-2 in wastewater: A two-year global epidemiological study. *Environmental Monitoring and Assessment*, 196(1), 44. <https://doi.org/10.1007/s10661-023-12228-z> (ISSN: 1573-2959 & 0167-6369; Springer Nature; Impact Factor: 2.9)
2. Mandal, M., & **Mandal, S.** (2024). Discovery of multitarget-directed small molecule inhibitors from *Andrographis paniculata* for Nipah virus disease therapy: Molecular docking, molecular dynamics simulation and ADME-Tox profiling. *Chemical Physics Impact*, 8, 100493. <https://doi.org/10.1016/j.chphi.2024.100493> (ISSN: 2667-0224; Elsevier; Impact Factor: 3.8)
3. Majumdar, G., & **Mandal, S.** (2024). Evaluation of broad-spectrum antibacterial efficacy of quercetin by molecular docking, molecular dynamics simulation and in vitro studies. *Chemical Physics Impact*, 8, 100501. <https://doi.org/10.1016/j.chphi.2024.100501> (ISSN: 2667-0224; Elsevier; Impact Factor: 3.8)

4. Mandal, M., & **Mandal, S.** (2024). MM-GBSA and QM/MM simulation-based in silico approaches for the inhibition of *Acinetobacter baumannii* class D OXA-24 β -lactamase using antimicrobial peptides melittin and RP-1. *Chemical Physics Impact*, 8, 100401. <https://doi.org/10.1016/j.chphi.2023.100401> (ISSN: 2667-0224; Elsevier; Impact Factor: 3.8)
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Subhrajyoti Roy

M.Sc., Ph.D.

Assistant Professor



Specialization:

- Immunology

Published:

- **Journal Articles: 23;** **Book Chapters: 01**
- **Conference/Seminar Proceedings: 01**

Journal Articles:

1. Bhattacharyya, S., Hore, M., &**Roy, S.** (2025). Insight into the Potential Antiviral Properties of the Genus *Clerodendrum*: Bioactive compounds with Mechanism of Action. *Anti-Infective Agents*, 23(2), e230724232193, Bentham Science <https://doi.org/10.2174/0122113525305139240629084443>
2. Barai, S., Bhattacharyya, S., Hore, M., Dash, &**Roy, S.** (2024). *In vitro* and *in silico* cholinesterase inhibitory and antioxidant properties of *Paederia foetida* L.: potential implications against neurodegenerative disorders. *African Journal of Biomedical Research*, 27 (4s), 43-5, Biomedical Communications Group.
3. Bhattacharyya, S., Samanta, S., Hore, M., Barai, S., Dash, S.K., &**Roy, S.** (2024). Phytochemical compositions, antioxidant, anticholinesterase, and antibacterial properties of *Clerodendrum thomsoniae* Balf.f. leaves: In vitro and in silico analyses. *Pharmacological Research - Natural Products*, 5, 100121, Elsevier <https://doi.org/10.1016/j.prenap.2024.100121>.
4. Hore, M., Bhattacharyya, S., **Roy, S.**, Biswas J.K. (2024). Human exposure to dietary microplastics and health risk: a comprehensive review. *Reviews Env.Contamination*. 262, 14, Springer <https://doi.org/10.1007/s44169-024-00066-0>
5. Barai, S., **Roy, S.**, Bhattacharyya, S., Hore, M. (2024). A comprehensive review on the traditional uses, phytochemical compositions and pharmacological properties of an ethnomedicinal herb, *Paederia foetida*. *Current Traditional Medicine*, 10, e270224227460. Bentham Science, <https://doi.org/10.2174/0122150838266756231121075211>
6. Hore, M., Saha, R., Bhaskar, S., Mandal, S., Bhattacharyya, S., &**Roy, S.** (2023). Oxidative stress responses in *Puntius sarana* collected from some environmentally contaminated

- areas of River Mahananda, Malda, West Bengal. *Ecotoxicology*, 32, 211-222 Elsevier, <https://doi.org/10.1007/s10646-023-02630-1>
7. Bhattacharyya, S., Hore, M., Barai, S., & **Roy, S.** (2022). Total antioxidant and free radical scavenging activities of seasonally available red thumb fingerling potato, cultivated in South Dinajpur district, West Bengal, India. *Indian Journal of Natural Sciences*, 13 (74), 48599-48608 Tamil Nadu Scientific Research Organization.
 8. Hore, M., Bhattacharyya, S., Chowdhury, H., & **Roy, S.** (2022). Assessment of water quality index and some oxidative stress biomarkers in *Labeo rohita* as the indicator of aquatic pollution in different ponds of Malda, West Bengal, India. *Fundamental and Applied Limnology*, 196 (1), 1-13 Schweizerbart Science Publishers, <https://doi.org/10.1127/fal/2022/1443>
 9. Hore, M., & **Roy, S.** (2021). Immunopathological properties of the enigmatic COVID-19 and therapeutic interventions against it: An update. *Indian Journal of Natural Sciences*, 12 (69), 36476-36487 Tamil Nadu Scientific Research Organization.
 10. **Roy, S.**, & Chaudhuri, T.K. (2020). A comprehensive review on the pharmacological properties of *Diplazium esculentum*, an edible fern. *Journal of Pharmaceutics and Pharmacology Research*, 3 (2), 1-9, AUCTORES, <https://doi.org/10.31579/2693-7247/014>
 11. Nandi, P.S., **Roy, S.**, Bhattacharyya, S., Pal, A., & Chakraborty, K. (2020). Biochemical factors associated with mango mealy bug (*Drosicha mangiferae* G.) infestation in different mango cultivars at Malda, West Bengal (India). *Journal of Applied Horticulture*, 22(3), 230-239, Society for the Advancement of Horticulture (India) <https://doi.org/10.37855/jah.2020.v22i03.41>
 12. Sadat, A., Bhattacharyya, S., **Roy, S.** & Chakraborty, K. (2019). Defensive Response of *Corchorus olitorius* in Relation to Infestation of *Anomis sabulifera*. *Journal of Entomology*, 16 (1), 23-29, Science Alert, <https://doi.org/10.3923/je.2019.23.29>
 13. Sarkar, A., Hore, H., Chakraborty, K. & **Roy, S.** (2018). Phytochemical screening and determination of antioxidant activity of Lakhanbhog and Langra mango of Malda district, West Bengal. *The Pharma Innovation Journal*, 7 (10), 511-515, TPI international journal.
 14. Bhattacharyya, S., & **Roy, S.** (2018). Qualitative and quantitative assessment of bioactive phytochemicals in Gobindobhog and black rice, cultivated in West Bengal, India. *International Journal of Pharmaceutical Sciences & Research*, 9 (9), 3845-51, Society of Pharmaceutical Sciences and Research, [https://doi.org/10.13040/IJPSR.0975-8232.9\(9\).3845-51](https://doi.org/10.13040/IJPSR.0975-8232.9(9).3845-51)
 15. Sadat, A., Hore, M., Chakraborty, K., & **Roy, S.** (2017). Phytochemical analysis and antioxidant activity of methanolic extract of leaves of *Corchorus olitorius*. *International Journal of Current Pharmaceutical Research*, 9 (5), 59–63, Innovare Academic Sciences, <https://doi.org/10.22159/ijcpr.2017v9i5.22138>
 16. **Roy, S.**, & Chaudhuri, T.K. (2017). Toxicological assessment of *Diplazium esculentum* on the reproductive functions of male Swiss albino mouse. *Drug and Chemical Toxicology*, 40 (2), 171–182, Taylor & Francis, <https://doi.org/10.1080/01480545.2016.1190739>

17. **Roy, S.,** Dutta, S., & Chaudhuri, T.K. (2015). *In vitro* assessment of anticholinesterase and NADH oxidase inhibitory activities of an edible fern, *Diplazium esculentum*. *Journal of Basic and Clinical Physiology and Pharmacology*, 26 (4), 395–401, De gutter, <https://doi.org.10.1515/jbcpp-2014-0100>
18. **Roy, S.,** & Chaudhuri, T.K. (2015). Assessment of Th1 and Th2 cytokine modulatory activity of an edible fern, *Diplazium esculentum*. *Food and Agricultural Immunology*, 26 (5), 690–702, Taylor & Francis, <https://doi.org.10.1080/09540105.2015.1007449>
19. Dey, P., **Roy, S.,** & Chaudhuri, T.K. (2014). Stimulation of Murine Immune Response by the Tubers of *Dioscorea alata* L. of North-Eastern Region of India. *Proceedings of the Zoological Society*, 67 (2), 140–148, Springer, <https://doi.org.10.1007/s12595-013-0082-3>
20. **Roy, S.,** Tamang, S., & Chaudhuri, T.K. (2013). Sperm viability assessment using 3-(4,5-dimethylthiazol -2-yl)-2,5 diphenyl-tetrazolium bromide reduction assay of Swiss albino mice treated with *Diplazium esculentum*. *Asian Journal of Pharmaceutical and Health Sciences.*, 3 (2), 684–689. Pharmaceutical and Biological Society, Kerala.
21. **Roy, S.,** Tamang, S., Dey, P., & Chaudhuri, T.K. (2013). Assessment of the immunosuppressive and hemolytic activities of an edible fern, *Diplazium esculentum*. *Immunopharmacology and Immunotoxicology*, 35(3): 365–372. Taylor & Francis, <https://doi.org.10.3109/08923973.2013.775588>.
22. **Roy, S.,** Hazra, B., Mandal, M., & Chaudhuri, T.K. (2013). Assessment of the antioxidant and free radical scavenging activities of methanolic extract of *Diplazium esculentum*. *International Journal of Food Properties*, 16 (6), 1351–1370, Taylor & Francis, <https://doi.org.10.1080/10942912.2011.587382>
23. Dey, P., **Roy, S.,** & Chaudhuri, T.K. (2012). A quantitative assessment of bioactive phytochemicals of *Nerium indicum*: An ethnopharmacological herb. *International Journal of Research in Pharmaceutical Sciences*, 3 (4), 579–587, Pharmascope Foundation.

Book Chapters:

1. **Roy, S.,** Hore M & Bhattacharyya S (2023). Therapeutic intervention against free radicals in viral diseases. In. Wei W (Eds.) *Frontiers in Clinical Drug Research: Anti-Infectives*, 9: 1. Doi: <https://doi.org.10.2174/9789815179811123090003>

Conference/Seminar Proceedings

1. Karmakar, J., & **Roy, S.** (2016). Identification of Quinones and Coumarins in *Swietenia Macrophylla* leaf. *RTEASTN/Proceeding/ 2016/302-305*. International Conference on “Recent Trends and Experimental Approaches in Science, Technology and Nature”, held on 23rd – 24th December 2016 at Lucknow, India. ISBN: 978-81-935281-7-4.

3. Faculty of Law, Education, Journalism, Library Science and Physical Education

Department wise faculty	Journal Articles	Books	Book Chapters	Conference/ Seminar Proceeding	Book Reviews
3.1 Department of Education					
<i>Bapi Mishra</i>	67	25	12	-	-
<i>Debabrata Debnath</i>	31	17	13	02	-
<i>Pradip Debnath</i>	54	05	16	01	-
<i>Sagufta Sahin</i>	10	-	20	01	-
<i>Ujjwal Kumar Halder</i>	64	-	19	-	-
3.2 Department of Law					
<i>Lalit Kumar Roy</i>	07	-	05	-	-
<i>Om Prakash Sharma</i>	19	-	09	-	-
3.3 Department of Library & Information Science					
<i>Prabin Karkee</i>	24	01	13	04	-
<i>Sandip Majumdar</i>	15	-	05	04	-
3.4 Department of Mass Communication & Journalism					
<i>Somnath Paul</i>	Documentary Films: 05			Audio-visual Productions: 06	

3. Faculty of Law, Education, Journalism, Library Science and Physical Education

3.1 Department of Education

The Department of Education, UGB, started its academic journey at the very beginning of the university. Initially, it had only three faculty members and 50 students in one semester. Now, it is a full-fledged department with five faculties and an intake of 122 students each semester. The Ph.D. programme has been running since 2016. The main aim of this department is to prepare the students to serve humanity alongside their academic excellence. A very strong research profile of the department may certainly inspire the scholars. Additionally, their contribution to the university's different educational and administrative activities is recognizable.

- Year of establishment: 2008
- Programmes offered: M.A. & Ph.D.

Faculty publications of this Department are as follows:

Bapi Mishra

M.A. (Double), Ph.D.

Professor



Specialization:

- Educational Measurement and Evaluation,
- Educational Technology

Published:

- **Journal Articles: 67; Books:25; Book Chapters: 12**

Journal Articles:

1. **Mishra, B.,& Moktan, N.** (2021). Emotional intelligence of hill tribal (Subba and Tamang) Class-VIII students. *International Journal of Scientific Research and Review*, 10(11), 1–5. ISSN 2279-543X.
2. **Mishra, B.,& Paul, A.** (2021). Relationship between extraversion and academic adjustment of higher secondary students. *NOVIY MIR Research Journal*, 6(8), 109–117. ISSN 0130-7673.
3. **Mishra, B.,& Banu, S.** (2021). Exploring the intra-personal intelligence of higher secondary students in West Bengal. *International Journal of Scientific Research and Review*, 10(11), 6–10. ISSN 2279-543X.

4. **Mishra, B.,** Das, U., & Halder, U. (2019). A study on personality and mental health of higher secondary students of Uttar Dinajpur district. *International Journal of Research and Analytical Reviews*, 6(2). E-ISSN 2348-1269, Print ISSN 2349-5138.
5. **Mishra, B.** (2018). Tendency to exercise negativity of girl secondary students: A descriptive study. *International Journal of Advanced Research and Development*, 3(2). ISSN 2455-4030.
6. **Mishra, B.** (2018). Students' role to make teaching effectiveness: An educational study. *International Journal of Creative Research Thoughts*, 6(1), 2303–2314. ISSN 2320-2882.
7. **Mishra, B.** (2018). Students' attitude towards teachers' performance (SATP): A descriptive study. *International Journal of Innovative Research Explorer*, 5(3), 50–61. ISSN 2347-6060.
8. **Mishra, B.** (2018). Status to practice of linguistic intelligence of secondary students: An approach to describe reality. *International Journal of Advanced in Management, Technology and Engineering Sciences*, 8(3), 1008–1015. ISSN 2249-7455.
9. **Mishra, B.** (2018). Role of cartoon addiction to form aggressive behaviour among Class VI students. *International Journal of Innovative Research Explorer*, 5(3), 18–31. ISSN 2347-6060.
10. **Mishra, B.** (2018). Prospects of depressive behaviour of secondary students: A descriptive study. *International Science and Technology Journal*, 7(3), 87–95. ISSN 1632-2882.
11. **Mishra, B.** (2018). Presence of the symptoms of psychotic behaviour among secondary students: A survey for educational survey. *International Journal of Scientific Research and Review*, 7(3), 207-215. ISSN 2279-543X.
12. **Mishra, B.** (2018). Presence of fluid intelligence (Gf) and crystallized intelligence (Gc) among secondary students. *International Journal of Advanced in Management, Technology and Engineering Sciences*, 8(3), 783-794. ISSN 2249-7455.
13. **Mishra, B.** (2018). Peace education as an approach of social sustainable development. *International Journal of Creative Research Thoughts*, 6(1), 65-73. ISSN 2320-2882.
14. **Mishra, B.** (2018). Influence of mother tongue on academic achievement in English: An approach of 5 points descriptive analysis. *International Journal of Creative Research Thoughts*, 6(1), 585-599. ISSN 2320-2882.
15. **Mishra, B.** (2018). Gender-wise academic problem-solving style of secondary students: A survey study. *International Journal of Scientific Research and Review*, 7(3), 79-87. ISSN 2279-543X.
16. **Mishra, B.** (2018). Extent of academic awareness of secondary students: A descriptive study. *International Journal of Advanced in Management, Technology and Engineering Sciences*, 8(3), 1180-1189. ISSN 2249-7455.
17. **Mishra, B.** (2018). Effectiveness of gender training to maintain a balance in the social eco-system in the 21st century. *Review of Research*, 7(5). ISSN 2249-894X.
18. **Mishra, B.** (2018). A survey study on the corruption influenced psychological negativity of postgraduate students. *International Journal of Creative Research Thoughts*, 6(1), 1170-1180. ISSN 2320-2882.

19. **Mishra, B.** (2018). A survey study on the attitude of secondary students towards Sarba Siksha Abhiyan (SSA). *IAETED Journal for Advanced Research in Applied Sciences*, 5(3), 83-93. ISSN 2394-8442.
20. **Mishra, B.** (2018). A survey study on adjustment problems of secondary girls students. *International Journal of Creative Research Thoughts*, 6(1), 1159-1165. ISSN 2320-2882.
21. **Mishra, B.** (2018). A study on youth (university students) favourable perception about parental role. *International Journal of Creative Research Thoughts*, 6(1), 295-301. ISSN 2320-2882.
22. **Mishra, B.** (2018). A study on the role of family influenced self-identity crisis among female secondary students. *International Journal of Research in Social Sciences*, 8(4), 191-211. ISSN 2249-2496.
23. **Mishra, B.** (2018). A study on the practice of academic ethics of secondary school students. *International Journal of Innovative Research & Studies*, 8(3), 399-406. ISSN 2319-9725.
24. **Mishra, B.** (2018). A study on the peer influence to regulate socialization (PIS) process of secondary students. *International Science and Technology Journal*, 7(3), 155-161. ISSN 1632-2882.
25. **Mishra, B.** (2018). A study on the level of inferiority complexity of secondary students. *IAETED Journal for Advanced Research in Applied Sciences*, 5(3), 504-510. ISSN 2394-8442.
26. **Mishra, B.** (2018). A study on the habit of malnutrition of secondary students. *International Journal of Innovative Research Explorer*, 5(3), 394-400. ISSN 2347-6060.
27. **Mishra, B.** (2018). A study on the communication conflict of secondary students in the classroom. *International Journal of Scientific Research and Review*, 7(3), 596-605. ISSN 2279-543X.
28. **Mishra, B.** (2018). A study on situational awareness and peer influenced behaviour disturbance of secondary students. *International Journal of Creative Research Thoughts*, 6(1), 1181-1191. ISSN 2320-2882.
29. **Mishra, B.** (2018). A study on moral character pattern of M.A. class students. *International Journal of Innovative Research & Studies*, 8(3), 357-364. ISSN 2319-9725.
30. **Mishra, B., & Kumar, P.** (2018). A study on the influence of knowledge economy and knowledge management on academic achievements in education. *International Journal of Management, Technology and Engineering*, 9(6), 525-534. ISSN 2249-7455.
31. **Mishra, B., & Kumar, P.** (2018). A strata-based correlational study between knowledge economy (KE) and knowledge management of higher secondary students. *International Journal of Management, Technology and Engineering*, 9(6), 508-524. ISSN 2249-7455.
32. **Mishra, B., & Das, S.** (2018). Influence of spiritual intelligence on emotional health and self-confidence: A descriptive study. *International Journal of Management, Technology and Engineering*, 9(6), 480-493. ISSN 2249-7455.

33. **Mishra, B.,& Das, S.** (2018). A study on the relationship between emotional health and self-confidence. *International Journal of Management, Technology and Engineering*, 9(6), 494-507. ISSN 2249-7455.
34. **Mishra, B.,& Das, S.** (2018). A study on the relationship between cognitive status (CS) and emotional health (EH) of secondary students. *International Journal of Scientific Research and Review*, 7(6), 436-449. ISSN 2279-543X.
35. **Mishra, B.,& Das, S.** (2018). A study on the relationship between spiritual intelligence and self-confidence. *International Journal of Scientific Research and Review*, 7(6), 680-694. ISSN 2279-543X.
36. **Mishra, B.,& Das, S.** (2018). A study on the relationship between spiritual intelligence and emotional health. *International Journal of Scientific Research and Review*, 7(6), 695-708. ISSN 2279-543X.
37. **Mishra, B.,& Das, S.** (2018). A study on the influences of emotional health (EH) on academic achievement of secondary school students. *International Journal of Scientific Research and Review*, 7(6), 425-443. ISSN 2279-543X.
38. **Mishra, B.,& Das, S.** (2018). A study on the cognitive status (CS) of secondary school students. *International Journal of Scientific Research and Review*, 7(6), 418-424. ISSN 2279-543X.
39. **Mishra, B.** (2016). Value education as a base of sustainable future. *Indian Streams Research Journal*, 6(2). ISSN 2230-7850.
40. **Mishra, B.** (2016). Teaching for 'access to knowledge' in modern India: As an operational approach of nation building. *Indian Streams Research Journal*, 6(3). ISSN 2230-7850.
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42. **Mishra, B.** (2015). Presence of life instincts among adolescents in Uttar Dinajpur District, West Bengal. *International Journal of Informative & Futuristic Research*, 3(2), 810-815. ISSN 2347-1697.
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Specialization:

- Teacher Education
- Advanced Methodology of Educational Research

Published:

- **Journal Articles: 31; Books:17; Book Chapters: 13**
- **Conference/Seminar Proceedings: 02**



Journal Articles:

1. Singha, P., &**Debnath, D.** (2024). A comprehensive analysis of West Bengal's students credit card scheme. *Journal of Emerging Technologies and Innovation Research*, 11(3). ISSN **2349-5162**.
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2. **Debnath, D.** (n.d.). Swameeji's views on man-making education (pp. 1–3). ISBN 978-81-925536-1-0.

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Specialization:

- Guidance and Counselling
- Educational Technology

Published:

- **Journal Articles: 54; Books: 05; Book Chapters: 16;**
 - **Conference/Seminar Proceedings: 01**
-



Journal Articles

1. Singha, C., &**Debnath, P.** (2023). Kanyashree Prakalpa in the welfare of girl students of West Bengal: An attitude study. *Journal of Education and Development*, 14(25), 168-176. ISSN: 2248-9703.
2. Miah, A., &**Debnath, P.** (2022). Factors influencing job satisfaction among primary teachers. *International Journal of Innovative Research in Technology*, 8(10), 675-677. ISSN: 2349-6002.
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Specialization:

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Published:

- **Journal Articles: 10; Book Chapters: 20**
- **Conference/Seminar Proceedings: 01**

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- Educational Technology

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- **Journal Articles: 64;** **Book Chapters: 19**

Journal Articles:

1. Rajbanshi, S., Gupta, S., & **Halder, U. K.** (2023). Can creativity and aggression go together? *Juni Khyat*, 13(8), 66–73. ISSN: 2278-4632.
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3.2 Department of Law

In response to the interest expressed by the local community in law and the legal profession, the administration of Gour Banga University resolved to establish a Law Department to provide higher education in this discipline. Consequently, the Department of Law was founded in 2016, initially appointing two permanent Assistant Professors and accommodating an intake of 20 students. The Department offers a two-year LL.M. program utilizing the Choice Based Credit System (CBCS) with a semester structure. Additionally, a Ph.D. programme was initiated in 2018, with three students admitted for Ph.D. coursework in March of the same year. Due to a shortage of teaching faculty, the Department cannot offer specializations within the LL.M. program; however, it anticipates expanding its faculty shortly to facilitate specializations across various fields of law. The Department is committed to providing advanced legal education and fulfilling the aspirations of the local population in Malda. Until now, three students have qualified for the State Eligibility Test (SET), two have qualified for the National Eligibility Test (NET), and two are pursuing their Ph.D. degrees at institutions such as IIT Kharagpur. Additionally, few teach as assistant professors at various private law colleges.

- Year of establishment: 2016
- Programmes offered: LL.M.& Ph.D.

Faculty publications of this department are as follows:

Lalit Kumar Roy

LL.M., Ph.D.

Assistant Professor

Specialization:

- Human Rights
- Corporate Law

Published:

- **Journal Articles: 07;** **Book Chapters: 05**



Journal Articles:

1. Sharma, O.P., & Roy, L.K. (2024). Protection of Women's Dignity and Development of Laws against Revenge Porn on Women in India: A Comparative Study, *Indian Journal of Law and Justice (IJLJ)*, 15 (1), 456-465, ISSN: 0976-3570
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4. Sharma, O.P. & Roy, L. K. (2021). Position of Children's Right to Elementary Education in West Bengal: A Critical Analysis, *Lex Research Hub Journal (LRHJ)*, 3 (1), 7-17, www.journal.lexresearch.com, ISSN: 2582-211X

5. Sharma, O.P. & **Roy, L. K.** (2020). Social Transformation Through Affirmative Action: A Critical Analysis, *Indian Journal of Law and Justice (IJLJ)*, 11, (1), 17-30, Department of Law, University of North Bengal, Darjeeling, West Bengal, ISSN: 0976-3570
6. **Roy, L. K.** (2020). Position of Children's Elementary Education in West Bengal: A Critical Analysis, *Indian International Journal of Juridical Science (IIJS)*, 9 (1&2), 56-65, Paragon International Publishers, ISSN: 2278-3237
7. **Roy, L. K.** & Bagchi, N. (2018). Third Genders in India and The Journey Towards Social Inclusion: A Study with Reference to the NLSA Judgement, *Indian International Journal of Juridical Science (IIJS)*, 7 (1), 110-118, Paragon International Publishers, ISSN: 2278-3237

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Specialization:

- Constitutional Law
- Criminal Law

Published:

- **Journal Articles: 19;** **Book Chapters: 09**



Journal Articles:

1. **Sharma, O.P.**& Roy, L. K. (2024). Protection of Women's Dignity and Development of Laws against Revenge Porn on Women in India: A Comparative Study, *Indian Journal of Law and Justice (IJLJ)*, 15(1), 464-473, Department of Law, University of North Bengal, Darjeeling, West Bengal. ISSN: 0976-3570
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16. **Sharma, O. P.** (2013). Right to Reservation as Emerging Fundamental Right: A Study Under the Indian Constitution, *Indian Journal of Law and Justice (IJLJ)*, 4, (2), 124-138, Department of Law, University of North Bengal, Darjeeling, West Bengal, <https://ijlj.nbu.ac.in/>. ISSN: 0976-3570
17. **Sharma, O. P.** (2011), Right to Reservation as a Means of Social Justice, *Indian Journal of Law and Justice (IJLJ)*, 2, (2), 138-148, Department of Law, University of North Bengal, Darjeeling, West Bengal, <https://ijlj.nbu.ac.in/>. ISSN: 0976-3570
18. **Sharma, O. P.** (2011). Administrative Efficiency and Reservation Policy in India: An Impact Assessment, *Indian Journal of Law and Justice (IJLJ)*, 2, (1), 112-125, Department of Law, University of North Bengal, Darjeeling, West Bengal, <https://ijlj.nbu.ac.in/>. ISSN: 0976-3570
19. **Sharma, O. P.** (2010). Equality and Protective Discrimination under the Constitution of India, *Indian Journal of Law and Justice (IJLJ)*, 1, (1), 2-99, Department of Law, University of North Bengal, Darjeeling, West Bengal, <https://ijlj.nbu.ac.in/>. ISSN: 0976-3570

Book Chapters:

1. **Sharma, O. P.** (2024). Human Right of Development under the Constitution of India. In A, Bhattacharjee N, Thapa & N. Rai (Eds), *Human Rights Dimensions and Challenges* (pp 92-103). Namya Press, Houston, Texas USA, ISBN: 978-93-5545-682-3
2. **Sharma, O. P.** (2020). Manusmriti and the Concept of Welfare State Under the Indian Polity: The Coherence and Contradictions. In B. Sarkar, *Indian Political Thoughts Selected Thinkers*, (pp 3-15). Anu Books, Glasgow (UK), ISBN: 978-93-90115-18-1
3. **Sharma, O. P.** (2019). Constitutionalism, Rule of Law and Indian Democracy: Expectations and Challenges. In J. Sahoo. *Dynamics of Indian Democracy Revisiting the Seven Decades*, (pp 60-73). Akhand Publishing House, New Delh, ISBN: 978-93-88998-90-1
4. **Sharma, O. P.** (2018). The Indian Federalism and Principle of Separation of Power under the Constitution of India: Is there any conflict between Judiciary and Legislature. In J. Sahoo, *Restructuring Indian Federation* (pp 227-233). New Academic Publishers, New Delh, ISBN: 978-81-921285-5-9
5. Roy L. K. & **Sharma, O. P.** (2017). Trafficking of Children for Forced Labour; National Legal Framework and Efficacy of different Enforcement Agencies in India. In G. Chakraborty, R. Bandyopadhyay & S.K. Biswas (Eds), *Trafficking in Person Prevention, Control and Rehabilitation* (pp 112-125). Department of Law, University of North Bengal, Darjeeling, ISBN: 978-81-921285-5-9

6. **Sharma, O. P.** (2016). Role of Political Parties and the Concept of Good Governance in India: An Analysis from Jurisprudential Point of View, In G. Chakraborty, R. Bandyopadhyay & S.K. Biswas (Eds), *Rule of Law and Constitutionalism: An Anthology*, (pp 110-123). Department of Law, University of North Bengal, Darjeeling, ISBN: 978-81-921285-4-2
7. **Sharma, O. P.** (2015). Role of Education in Protection of Human Rights: Issues and Challenges in India. Prof. Rathin Bandyopadhyay, In R. Bandyopadhyay & S.K. Biswas (Eds), *Human Rights and Duties* (pp 330-342). Department of Law, University of North Bengal, Darjeeling, ISBN: 978-81-921285-3-5
8. **Sharma, O. P.** (2014). Protection and Preserving Traditional Knowledge System in Medicinal Plants: A Review of the Indian Legal System. In R. Bandyopadhyay, B. P. Diwedi & S.K. Biswas (Eds), *Environment, Governance and Development* (pp 357-376). Department of Law, University of North Bengal, Darjeeling, ISBN: 978-81-921285-2-8.
9. **Sharma, O. P.** (2012). Sexual Harassment of Women at Work Place - A New Framework of Further Harassment. In R. Bandyopadhyay & R. D. Dubey, *Law and Gender A Quest For Justice* (pp 115-126). Alfa Publications, New Delhi, ISBN: 978-93-81465-13-4.

3.3 Department of Library & Information Science

The Department of Library and Information Science is a recently established department at the University of Gour Banga, Malda. The department started its journey in 2016 and was inaugurated by the then Hon'ble Vice Chancellor, Prof. Gopal Mishra. Since then, the department has been imparting education and training and facilitating library and information science research. Several department students qualified for the UGC-NET, West Bengal SET examinations. A few of our students have been selected for internship and further training in prestigious institutions like IITs and National Library, Kolkata. Also, students secured jobs in institutions like IIT, Kharagpur, ISI, Kolkata, and Azeem Premji University, Bengaluru.

- Year of establishment: 2016
- Programmes offered: M.LIS. & Ph.D.

Faculty publications of this department are as follows:

Prabin Karkee

M.LIS., Ph.D.

Assistant Professor



Specialization:

- Knowledge Organization,
- Public Library System and Services,
- Library and Information Centre Management

Published:

- **Journal Articles: 24; Books:01;**
- **Book Chapters: 13; Conference/Seminar Proceedings: 04.**

Journal Articles:

1. **Karkee, P. & Sinha, S.** (2024). Non-alphanumeric characters in the title of research papers in two Indian LIS journals: a comparative study. *DESIDOC Journal of Library & Information Technology*, 44(4), pp.268-273. ISSN- 0974-0643
2. **Karkee, P.** (2023). Using non-alphanumeric characters in LIS research papers: a study. *IASLIC Bulletin*, 68(1). ISSN: 0018-8441
3. Sinha, S., Majumder, K. & **Karkee, P.** (2022). Exploring non-users' perceptions towards the college library services in Darjeeling Hill. *PEARL: A journal of Library and Information Science*, 16(4). ISSN: 0973-7081(p), 0975-6922(e)
4. **Karkee, P.** (2021). Content analysis of an etymological dictionary for reference service: librarians' perspective. *IASLIC Bulletin*, 66(3). ISSN: 0018-8441
5. Sharma, B. & **Karkee, P.** (2021). Assessment of newspaper reading habits among the Khas community of Kalimpong district, West Bengal. *RBU journal of Library & Information Science*, 23. ISSN: 0972-2750
6. **Karkee, P. & Sinha, S.** (2021). Mapping the publication pattern of IASLIC bulletin (2013-2017): A bibliometric assessment. *Library Philosophy and Practice (e-journal)*. ISSN: 1522-0222
7. **Karkee, P.** (2020). Perceptions of Buddhist monks towards monastic library: A case study of Dali Monastery, Darjeeling. *Library Philosophy and Practice (e-journal)*. ISSN: 1522-0222
8. **Karkee, P. & Sinha, S.** (2020). An appraisal of authorship and collaboration pattern in IASLIC bulletin (2011-2018). *Library Philosophy and Practice (e-journal)*. ISSN: 1522-0222
9. **Karkee, P.** (2020). An empirical study on public libraries of Kalimpong. *Library Philosophy and Practice (e-journal)*. ISSN: 1522-0222

10. **Karkee, P.** & Sinha, S. (2020). Knowledge management: Myth & Reality. *Advances in Library and Information Science (ALIS)*, 2(1).ISSN: 2232-2846
11. **Karkee, P.** (2018). Exploring the choice of librarianship as a career by the public librarians in Darjeeling hill. *Librarian*, 24(2), p. 66-72. ISSN: 0972-3978
12. **Karkee, P.** (2018). Students' perceptions of the sub-divisional library, Kalimpong. *Library Philosophy and Practice (e-journal)*. ISSN: 1522-0222
13. **Karkee, P. & Majumder, K.** (2015). Getting into the reality: The experience of physical facilities provided by the public libraries in Darjeeling hill. *Library Herald*, 53(4), p.453-461. ISSN: 0976-2469
14. **Karkee, P.** (2015). Public librarian's attitude towards the use of mobile phone technology in the hilly areas of Darjeeling district, West Bengal: A study. *International Journal of Information Dissemination and Technology*, 5(3), p.184-187. ISSN: 2229-5984(p), 2249-5576(e)
15. **Karkee, P. & Majumder, K.** (2014). Library awareness among non-users of public libraries: A study with reference to the hilly areas of Darjeeling district, West Bengal. *SRELS Journal of Information Management*, 51(1), p. 21-26. ISSN: 0976-2477(e) & 0972-2467 (p)
16. **Karkee, P. & Majumder, K.** (2014). Use of public libraries in the hilly areas of Darjeeling district of West Bengal; p.209-214. *PEARL: A journal of Library and Information Science*, 8(4); p.209-214. ISSN: 0973-7081(p), 0975-6922(e)
17. **Karkee, P.** (2014). Exploring the public librarian's experiences in the hilly areas of Darjeeling district of West Bengal. *International Journal of Information Sources and Services*, 1(2); p.105-111. ISSN: 2349-428x
18. **Karkee, P. & Majumder, K.** (2013). Community information services through public libraries in the hilly areas of Darjeeling district of West Bengal: A study. *Asian Journal of Library and Information Science*, 5(3-4), p. 89-97. ISSN: 0975-315x
19. **Karkee, P.** (2013). Working librarian's experience in Sikkim: A survey. *Journal of Indian Library Association*, 49(3), p.29-33. ISSN: 2277-5145
20. **Karkee, P. & Sinha, S.** (2013). Role of soft skills in library profession. *Advances in Library and Information Science (ALIS)*, 2(1). ISSN: 2232-2846
21. **Karkee, P. & Majumder, K.** (2012). Public library services in the hilly areas of Darjeeling district of West Bengal: A study. *IASLIC Bulletin*, 57(4), p195-212. ISSN: 0033-5800
22. **Karkee, P.** (2012). Sandhan – an esteemed Nepali literary magazine (2005 – 2012): A bibliometric study; *Journal of Library & Information Communication Technology*, 1(2). ISSN: 2278-3482 (p), 2456-9399 (e)
23. **Karkee, P. & Jana, S.** (2009). Web 2.0: of the users, by the users, for the users. *SALIS Journal of Library and Information Science – An International Journal*, 1(2); p. 24. ISSN: 0973-3108
24. **Karkee, P., Majumder, K. & Jana, S.** (2008). Electronic information resource base development (EIRBD) with special reference to book CDs and journal CDs/DVDs. *Librarian*, 15. ISSN: 0972-3978

Book

1. **Karkee, P.** (2020). *Public Libraries in Darjeeling*. New Academic Publishers, New Delhi, ISBN: 978-8186772-99-7

Book Chapters

2. **Karkee, P.** (2024). Alumni connect: Voyage of a village lad from hill to DLIS, JU. In Udayan Bhattacharya (Ed.), *Sambartika (The flame)* (pp. 162-164). Department of Library & Information Science, Jadavpur University. ISBN: 978-93-340-9890-7
3. **Karkee, P & Das, B.** (2024). Revitalization of Public Library Services in India: New success formula for sustainable development. In Sambhunath Halder (Ed.), *Academic Integrity and Innovation: Bridging Ethics, Rights and Artificial Intelligence*. Prova Prakashani, ISBN: 978-93-94806-64-1
4. **Karkee, P & Das, B.** (2023). Community, Cooperation and Public Libraries: The Need of Bonding for Sustainability. In B. Bagchi & B. Paul (Eds.), *Sustainable Roadmap Development Strategies in India: Paving the Way for a Better Future* (pp. 1-8). Lincoln University College, ISBN: 978-967-2819-24-0
5. **Karkee, P.** (2022). Lockdown Library: Time to think digital not physical. In Md. A. Khan, Sk. A. Rahaman & B. Khan (Eds.), *Impact of COVID-19 on the Education System: Issues and Challenges* (pp. 36-46). Ess Ess Publication, ISBN - 978-93-92594-42-7.
6. **Karkee, P. & Ghosh, S.** (2021). Resource Sharing for Peers: Practice of Self-Archiving in the Changing ICT Realm. In K. C. Satpathy (Ed.), *What Next in Libraries? Trends, Space and Partnership* (pp 248-253). Ahuja Publishing House, ISBN - 978-93-80316-10-9.
7. **Karkee, P. & Sinha, S.** (2020). ICT and Libraries in Higher Education in India: Some Technological Observations. In Md. A. Khan (Ed.), *ICT and Library in Higher Education: An Indian Perspective*. Chandidas Mahavidyalaya, ISBN- 978-93-8920-825-2.
8. **Karkee, P.** (2019). What, Why and How of Electronic Information Resources in Library: An Overview. In A. K. Routh & A. Pramanik (Eds.), *Library Resources and Users in 21st Century*. Sovarani Memorial College. ISBN - 978-93-5351-347-4.
9. **Jana, S & Karkee, P.** (2017). Groundwork for Developing Institutional Digital Repository (IDR) in the University of Kalyani by Using DSpace. In K. C. Satpathy (Ed.), *Digital Library and Open Access Initiatives: Responses, Strategies and Emerging Trends* (pp. 157-170). Shankar's Book Agency, ISBN- 978-93-81893-13-5.
10. **Karkee, P. & Sinha, S.** (2015). Soft Skills: Enabling library professional to live sustainably. In P. Mondal & S. Chakraborty (Eds.), *LIS Career at the crossroads: Challenges and Opportunities* (pp. 439-445), DLIS, University of Calcutta, ISBN: 978-81-925313-8-0
11. **Karkee, P. & Jana, S.** (2015). Library 2.0: Extension of Web 2.0 in the Library perspective. In K. C. Satpathy (Ed.), *Library 2.0: Trends and Issues* (pp. 1-10), S. K. Jain and Sons, ISBN: 978-9382845-94-2

12. **Karkee, P.** (2014). Libraries for All: Genesis and growth of Public Libraries in the Darjeeling Hill. In P. B. Ghante (Ed.), *Contemporary Issues in Library and Information Science* (pp. 24-32), Atharva Publications, ISBN: 978-93-84093-11-2
13. **Karkee, P.,** Jana, S. & Sinha, S. (2015). Weblogs: The impact of a digital trend on Libraries. In H. S. Chopra (Ed.), *Information Access Initiatives and Rural India* (pp. 545-557), Shree Publishers and Distributors, ISBN: 978-81-8329-368-6

Conference/Seminar Proceedings:

1. **Karkee, P.,** Majumder, K. & Ghosh, S.(2015). *Cooperative role of public libraries in enhancing community information services (CIS)*. Paper published in the proceeding of 30th All India conference of IASLIC on library legislation and community information services, held at Gujarat University, Ahmedabad, 28th -31st Dec. p.41-48. ISSN: 0972-3668
2. **Karkee, P.** (2014). *Darjeeling Public Library Network (DPLNET): A proposal*. Paper published in 'charaibeti' – golden jubilee commemorative volume. Kolkata: Department of Library & Information Science, Jadavpur University. p.375-381. ISBN: 978-81-929886-0-3
3. **Karkee, P.,** Jana, S. & Das, S. K.(2009). *Library 2.0: extension of web 2.0 in the library perspective*. Paper published in the proceeding of an international seminar on Knowledge Networking in ICT era, Central library, B S Abdur Rehman Crescent Engineering College and Society for Advancement of Library & Information Science (SALIS), Chennai. ISBN: 81-903838-3-3
4. Das, S. K., **Karkee, P.** & Majumder, K. (2009). *Managing social networking in web-based society: A need based approach of present generation online users*. Paper published in the proceeding of 7th International CALIBER-2009, INFLIBNET and Pondicherry University, 25-27 Feb.

Sandip Majumdar

M.LIS.

Assistant Professor

Specialization:

- Bibliometrics
- Scientometrics
- Metadata Management
- ICT applications



Published:

- **Journal Articles: 15; Book Chapters: 05**
- **Conference/Seminar Proceedings: 04.**

Journal Articles:

1. Kuri, R.B., **Majumdar, S.**, Singh, K., & Patel, A.K. (2023). Mapping and Visualisation of Global Research Output on Military Stealth Technology. *DESIDOC Journal of Library & Information Technology*, 43(5), 354-363. DESIDOC, DOI: 10.14429/djlit.43.5.19002.
2. **Majumdar, S.** (2023). A nine-year (2012-2020) study of publication delay in an open access Library and Information Science journal. *Malaysian Journal of Library and Information Science*, 28(1), 35–50. University of Malaya, <https://doi.org/10.22452/mjlis.vol28no1.3>
3. **Majumdar, S.** (2023). The scope of open peer review in the scholarly publishing ecosystem. *Annals of Library and Information Studies*, 70(1), 10-21. NIScPR, DOI: 10.56042/alis.v70i1.68736.
4. **Majumdar, S.** (2022). Digital Humanities in Library & Information Science Courses in India: A study. *Indian Journal of Information, Library & Society.*, 35(1-2), 47-58 Bharati Publications, ISSN 0971-4286.
5. **Majumdar, S.** (2022). Studies on the use of academic social networking sites by academics and researchers: A review. *Annals of Library and Information Studies*, 69(2), 158-168, CSIR-NIScPR, DOI: 10.56042/alis.v69i2.61141.
6. **Majumdar, S.** (2021). An insight into 110 years of influence of Principle of Literary Warrant on Dewey Decimal Classification system. *Annals of Library and Information Studies*, 68(4), 398-405. CSIR-NIScPR, DOI: 10.56042/alis.v68i4.53850.
7. **Majumdar, S.** (2020). Delay from manuscript submission to journal publication : An eight year (2012-2019) study of Annals of Library and Information Studies. *RBU Journal of Library & Information Science*, 22 , 140-148, RBU, ISSN: 0972-2750.
8. **Majumdar, S.** (2020). Tryst with Uncertainty: Efforts of Department of Library and Information Science, University of Gour Banga, Malda, West Bengal, India. *Education for Information*, 36(3), 327-331, IOS Press, DOI: 10.3233/EFI-200005.
9. **Majumdar, S.** (2020). Directive (EU) 2019/790 of the European Parliament and of the Council: overhaul of European Union's copyright rules: a study. *Library Hi Tech News*, 37(9), 11-13, Emerald, <https://doi.org/10.1108/LHTN-06-2020-0054>.
10. **Majumdar, S.** & Sarkar, T. (2019) Decoding document use pattern by analysing citations in dissertations of postgraduate students of Education of University of Gour Banga: A bibliometric insight. *RBU Journal of Library and Information Science*, 21, 56-66, RBU, ISSN: 0972-2750.
11. **Majumdar, S.** (2018). Scholarly contribution of Library and Information Science professionals towards Web 2.0 and social networking: A case study of DESIDOC Journal of Library & Information Technology. *KIIT Journal of Library and Information Management*, 5(1), 7-14, KIIT, ISSN: 2348-0858.
12. **Majumdar, S.**, & Jeevan, V.K.J. (2014). M. Phil. Programmes in Library & Information Science: A Status Report and Proposal for Specialised Programmes. *KIIT Journal of Library and Information Management*, 1 (1), 41-51, KIIT, ISSN: 2348-0858.
13. **Majumdar, S.** (2012). Web 2.0 tools in Library Web Pages: Survey of universities and institutes of national importance of West Bengal. *DESIDOC Journal of Library & Information Technology*, 32 (2), 167-170, DESIDOC, ISSN: 0976-4658.

14. **Majumdar, S.** (2011). Journey from two to five: The making of CILIP. *IASLIC Bulletin*, 56 (4), 244-247, IASLIC, ISSN: 0976-4658. ISSN: 0018-8441.
15. **Majumdar, S.** (2009). Realisation of Right to Information Act through literacy and information literacy. *RBU Journal of Library and Information Science*, 12, 44-45, RBU, ISSN: 0972-2750.

Book Chapters:

1. **Majumdar, S.** (2023). Visualising Sustainable and Universal Access to Scholarly Information through the Prism of Open Access: A Selective Review. In B. Bagchi & B. Paul (Eds.), *Sustainable Roadmap Development Strategies in India: Paving the Way for a Better Future*. (pp.114-131). Lincoln University College, Malaysia, ISBN: 978-967-2819-24-0.
2. **Majumdar, S.** (2021). An Assessment of Ground Reality of Status of General Degree College Libraries and Their Services: A Study of Malda District of West Bengal. In D. Das(Ed.), *Librarianship in Changing Environment*. (pp.201-215). Assam College Librarians' Association, ISBN:978-81-920220-3-1.
3. **Majumdar, S.** (2020). Selective Annotated Bibliography of research articles on Altmetrics published in Library and Information Science journals hosted by Science Direct. In U. Pramanathan, U., R. Kavitha, G. Stephen & M. Selvam (Eds.), *Handbook of Metric Studies for Library and Information Science Scholars*. (pp. 1-9). SKRGC Publication, Madurai, ISBN: 9788194484363.
4. **Majumdar, S.** (2018). The influence of Swadeshi Movement upon Public Library Movement in Bengal: A study. In H. Khatun, C. Subba & N. K. Mahato (Eds.), *Gender, Identity and Politics: Some historical perspectives*. (pp. 233-240). Abhijeet Publications. New Delhi, ISBN: 9788193842584.
5. **Majumdar, S.** (2012). Librarian and patron: An affair of 24x7. In A. Jose (Ed.), *Digital libraries and knowledge organization* (pp. 478-485). Macmillan Publishers India Ltd, ISBN: 978-935-059-076-8.

Conference/Seminar Proceedings:

1. **Majumdar, S.** (2020). *Controversies around Article 15 and 17 of European Union's Copyright Directive 2019: A study*. Paper published at UGC & RUSA 2.0 sponsored National Seminar on Sustainable Library, Jadavpur University, Kolkata, 24-25 January.
2. **Majumdar, S., & Srinivas, S.** (2014). *Preparing teachers for tomorrow: An account of impact of technology in teacher education*. Paper published at 1st National Seminar on Modern Trends in Education: Issues and Challenges, Jakir Hussain B.ED College, Murshidabad, 15-16 November.
3. Mahanta, J., & **Majumdar, S.** (2011). *Open access and knowledge networking*. Paper published at the National Seminar on Information and Knowledge Dissemination: Present Status and Future Direction (IKD-2011), Central Glass and Ceramic Research Institute, Kolkata, 6-7 May.
4. **Majumdar, S.** (2010). *Technological challenges and restructuring LIS curricula*. Paper published at the LIS_edu_Vision_2010: National Seminar on Vision of LIS Education for Modern India, University of Calcutta, Kolkata, 19-20 March.

3.4 Department of Mass Communication & Journalism

The Department of Library and Information Science is a recently established department at the University of Gour Banga, Malda. The department started its journey in 2016 and was inaugurated by the then Hon'ble Vice Chancellor, Prof. Gopal Mishra. Since then, the department has been imparting education and training and facilitating library and information science research. Several department students qualified for the UGC-NET, West Bengal SET examinations. A few of our students have been selected for internship and further training in prestigious institutions like IITs and National Library, Kolkata. Also, students secured jobs in institutions like IIT, Kharagpur, ISI, Kolkata, and Azeem Premji University, Bengaluru.

- Year of establishment: 2017
- Programmes offered: M.A.

Faculty publications of this department are as follows:

Somnath Paul

M.A.

Assistant Professor



Specialization:

- Television journalism and video production

Published:

- **Documentary Films: 05;**
- **Audio-visual Production: 06**

Documentary Films: (Govt sponsored):

1. **Paul. S.(2018) – “Puro Kotha” – A Govt. sponsored** documentary film on 150th foundation of Old Malda Municipality, Malda, funded by the Old Malda Municipality, Govt of West Bengal
2. **Paul. S.(2017) – “Chetana” - A Govt. sponsored** documentary film on Zero poppy cultivation in Malda District, funded by The Excise Department, Malda, Govt of West Bengal
3. **Paul. S.(2016-2017) – “Janam Hasa” – A Govt. sponsored** documentary film on Swatchh Bharat Mission and Mission Nirmal Bangal, funded by Bamongola Block, Malda, Govt. of West Bengal
4. **Paul. S.(2016) – “Nirmala Koro”- A Govt. sponsored** documentary film on MGNREGS and Mission Nirmal Bangla, funded by Gazole Block, Malda, Govt. of West Bengal
5. **Paul. S.(2009). “Gaur Garima” – A Govt. sponsored** documentary Film on Gour Mahavidyalaya, funded by Gour Mahavidyalaya, Mangalbari Malda

Audio-visual Productions: (Govt. sponsored)

1. **Paul. S.**(2017) – Exclusive interview of Sharad Dwivedi, IAS, Malda on Mission Swatchh Bharat for awareness campaign in Malda District, funded by Malda Administration, Govt of West Bengal, Promotional Audio-visual production-: (Govt. and non govt. sponsored):
2. **Paul. S.**(2017) – **Govt. sponsored** Ad film on Anti Drug Day, funded by the Excise Department, Malda, Govt. of West Bengal
3. **Paul. S.**(2017) - **Govt. sponsored** Ad film on NDPS Act, funded by the Excise Department, Malda, Govt. of West Bengal
4. **Paul. S.**(2017) - **Govt. sponsored** Ad film on illegal opium cultivation, funded by the Excise Department, Malda, Govt. of West Bengal
5. **Paul. S.**(2017) - **Govt. sponsored** Ad film on administrative appeal for Zero Poppy cultivation in Malda district, funded by the Excise Department, Malda, Govt. of West Bengal
6. **Paul. S.**(2017) - Promotional film on Malda Shilpi Sanskriti Mancha (MSMM), Malda, funded by MSMM, Malda.

Dr. Biswajit Das

M.A., M.LIS., PGDDL, Ph.D.
University Librarian

Specialization:

- Academic Library,
- Digital Library,
- Information Retrieval
- Library Management

Published:

- Journal Articles: 21; Books: 11;
- Book Chapters /Conference/Seminar Proceedings: 24.



Journal Articles:

1. Roy, S., & Das, B. (2025). Understanding cultural behaviour of Maithili people: A case study of Malda district. *International Research Journal of Management Sociology & Humanity*, 16(1), 23–31. ISSN 2277-9809 (Online), 2348-9359 (Print).
2. Roy, S., & Das, B. (2024). The evolution of information-bearing materials in Maithili culture and their preservation in libraries. *Journal of Indian Intellectual Traditions*, 18(3), 456–464. ISSN 2249-7129.

3. Rahaman, J., & **Das, B.** (2023). Trend analysis of West Bengal universities (India) based on NIRF ranking. *Journal of Data Science, Informetrics, and Citation Studies*, 2(1), 32–41. <https://doi.org/10.5530/jcitation.2.1.5>
4. Rahaman, J., & **Das, B.** (2023). A bibliometric analysis and visualization of global research on urban livelihood. *Indian Journal of Natural Sciences*, 14(80), 63059–63066.
5. Samanta, R, Maity, T, **Das, B.** (2022). Open educational resources: A facilitator of open education. *International Journal of Creative Research Thoughts (IJCRT)*, 10(5). ISSN: 2320-2882.
6. Ghosh, S., Naskar, B., & **Das, B.** (2022). Indian LIS education in distance mode: A bird's eye view. *International Journal of Creative Research Thoughts (IJCRT)*, 10(5). ISSN: 2320-2882
7. Samanta, R., Debnath, S., & **Das, B.** (2022). A comparative analysis among selective green libraries of USA and India in the light of LEED fundamental evaluation indicators. *International Journal of Novel Research and Development*, 7(5). ISSN: 2456-4184
8. Das, S., & **Das, B.** (2022). Use of social media in marketing of library and information services in academic libraries in West Bengal. *Lis Today: Biannual Journal of Library and Information Science*, 8(1-2). ISSN: 2349-4621.
9. Ghosh, S., & **Das, B.** (2022). The value of school libraries in West Bengal and their contemporary services. *Lis Today: Biannual Journal of Library and Information Science*, 8(1-2). ISSN: 2349-4621.
10. Rahaman, J., & **Das, B.** (2021). Scientific publications of Jadavpur University, West Bengal: Scientometric analysis. *Lis Today: Biannual Journal of Library and Information Science*, 7(1-2). ISSN: 2349-4621.
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INDEX

Name	Page No.	Name	Page No.
Abhijit Sarkar	113	Mrinal Chandra Das	96
Abu Sufian	157	Om Prakash Sharma	312
Achinta Kumar Banerjee	16	Papri Chakraborty	89
Aditya Kumar Lala	18	Pinky Mistri	52
Amit Bhattacharya	62	Prabin Karkee	316
Anindya Bhattacharyya	104	Pradip Chouhan	173
Anindya Choudhury	92	Pradip Debnath	295
Anjali Roy	261	Priyanta Ghosh	60
Ankur Sensharma	241	Purbayan Jha	76
Arijit Das	160	Rajat Kishore Dey	22
Atul Bandyopadhyay	242	Sabuj Sarkar	66
Ayan Das	81	Sadananda Mandal	137
Badal Sarkar	82	Sadek Ali	78
Bapi Mishra	283	Sadhan Kumar Saha	25
Bappi Singha	106	Sagufta Sahin	301
Bhaskar Bagchi	34	Saidur Rahaman	159
Bibek Adhikary	65	Saifuddin	15
Biplab Giri		Samipendra Banerjee	69
Biswajit Maitra	54	Sanatan Das	214
Biswajit Paul	38	Sandeep Kumar Dash	251
Chanchal Chaudhuri		Sandip Majumdar	319
Chandan Barman	124	Sauren Bandyopadhyay	27
Chandan Bhattacharyya	93	Shampa Roy	80
Chhawang Subba	71	Shubhamoy Chowdhury	139
Debabrata Debnath	291	Shyamapada Mandal	268
Debasmita Saha	155	Shyamapada Modak	234
Debraj Chandra	210	Siddhartha Sankar Manna	90
Farhana Sultana	157	Simanta De	239
Goutam Bhowmik	43	Soma Mitra	246
Hosnara Khatun	73	Somnath Paul	322
Husna Parvin	95	Sougata Pal	145
Jitendra Sahoo	85	Subhajit Majumder	61

Jyotsna Saha	75	Subhrajit Sen	98
Kabita Lepcha	170	Subhrajyoti Roy	279
Krishna Singh	57	Subrata Sarkar	249
Lakshmi Das	47	Sudarshana Sen	107
Lalit Kumar Roy	311	Sudipta Kumar Sil	125
Laxmikanta Mandi	213	Sukumar Chandra Roy	80
Mahammed Najmul Haque	13	Sunil Saha	182
Manas Chakrabarti	48	Sunima Ghosh	32
Manoj Lama	265	Swades Pal	194
Md. Mehedi Hasan	12	Ujjwal Kumar Haldar	304
Mitali Das	267	Vivekananda Mandal	130