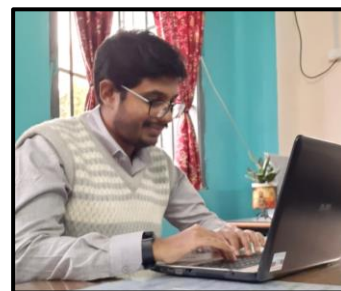


BIRUPAKSHYA PAUL CHOUDHURY

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EDUCATION:

DEGREE	INSTITUTION	UNIVERSITY / BOARD	YEAR
Masters of Science (Zoology)	Assam University, Silchar	Assam University	2017
Bachelors of Science (Zoology)	Cachar College, Silchar	Assam University	2015
Higher Secondary School Leaving Certificate	Narsing Higher Secondary School, Silchar	Assam Higher Secondary Educational Council	2011
High School Leaving Certificate	Daffodils School, Silchar	Secondary Education Board of Assam	2009

ALL INDIA COMPETITIVE EXAMINATIONS:

- CSIR-NET (2018) **All India Rank: 43**
- GATE (2018)

AWARDS:

- Vidyashree Award from Narsing H.S. School Silchar, for best result in HS level (2011)
- ESCMID Attendance Grant in International Conference on Contemporary Antimicrobial Research. (2016)

ACADEMIC EXPERIENCE:

- Assistant Professor, Department of Zoology, Cachar College, Silchar, Assam. (2022- till date)
- Assistant Professor & Head, Department of Zoology, Ramanuj Gupta degree College, Silchar, Assam. (2019-2022).
- Guest lecturer, Department of Zoology, Cachar College, Silchar. (2017).
- Research intern (May-July, 2017), *Animal Production and Management under Agri-Business Incubation Programme (ABI)*, Division of Animal Production, Indian Council for Agricultural Research (ICAR) for NEH region, Umiam, Meghalaya.
- Research intern (2016-2017), *Measurement of oxidative stress in Human Semen*, Reproductive Biology and Human Health laboratory, Department of Life Science & Bioinformatics, Assam University, Silchar.

SEMINAR/ CONFERENCE PRESENTATIONS:

- *Screening of Certain Phytochemicals for Anti-Amoebic Potential: An In-silico Approach* at the National Conference on Contemporary Researches in Computer Aided Drug Designing, organized by the Bioinformatics Centre (DBT-BIF), Assam University, Silchar. 2018. (Poster)
- *Pharmacological screening of Centella asiatica for Anti-Amoebic Properties: An in-silico Approach* at a National Seminar organized by the Department of Pharmaceutical Science, Dibrugarh University based on the theme Natural Resources for Drug Discovery and Development. 2018. (Oral)
- Roychoudhury S., Dorsey C., Choudhury B.P., Kushal K.K. *Oxidation-Reduction Potential (ORP) acts as a marker of Oxidative Stress in semen samples*, at the International Conference Scientific and Indigenous Bio-Cultural Knowledge in Understanding Climate Change in Biodiversity Hotspots to Develop Strategies for Socio-Ecological Development: Data Availability, Requirement and Gaps. 2017. (Oral)
- Roychoudhury S., Dorsey C., Choudhury B.P., Kushal K.K., *Oxidation-Reduction Potential Can Help Distinguish Semen Samples Under Oxidative Stress*, 33rd Annual Meeting of European Society of Human Reproduction and Embryology (ESHRE), Geneva. 2017. (Poster)
- Choudhury B.P., Laskar M.A., Choudhury M.D., *An In-Silico Approach to Restrain Entamoeba histolytica Cysteine Proteinase 5 (EhCP5)* at the International Conference for Contemporary Antimicrobial Research (ICCAR), held at Assam University, Silchar, India. 2016. (Poster)

WORKSHOPS:

- Two-Day State Level Inception and Consultation Workshop in Assam Himalayan Knowledge Network Bridging Science, Policy, and Practice, organized by Assam University, Silchar and GB Pant Institute of Himalaya Environment, Sikkim Regional Centre, Sikkim. 26-27 April, 2022.
- Two-Day Midterm CME of Indian Society for Assisted Reproduction (ISAR), organized by NE ISAR & Federation of Obstetric and Gynaecological Societies of India (FOGSI) at Silchar Medical College and Hospital, Silchar. 27-28 April, 2019.
- Global Initiative of Academic Networks (GIAN) course on *Transgenic Animal Technology: Basics and Methods*, organized by the School of Life Sciences, University of Hyderabad, Hyderabad. 19th July-1st August, 2018.
- National Workshop on *Agrodiversity Conservation: Socio-Economic and Ecological Development*, jointly organized by Centre for Ecological Economics and Natural Resources, Institute for Social and Economic Change (ISEC), Bangalore and the Department of Economics, Assam University, Silchar. (2017)
- Two-Day North Eastern Regional NKN Workshop on *Awareness and Knowledge Sharing:: NKN*, at North Eastern Hill University, Shillong. 20-21 October, 2016.
- Two Days Workshop and Hands on Training on *Dehydration of Flowers, Foliage and Floral Craft*, organized by the Department of Life Science & Bioinformatics, Assam University, Silchar on 16th and 17th February, 2016.
- One Day Demonstration Workshop on *The Manifestation of Basic Tools Used in Molecular Biology*, organized by the Institutional Level Biotech Hub, Cachar College, Silchar on 23rd March, 2015.

- Two-Day Workshop cum Sensitization on *Biodiversity and Climate Change*, organized by the Department of Botany, Cachar College, Silchar. 17-18 January 2015.

ACADEMIC CONTRIBUTION (ONLINE) DURING COVID-19 PANDEMIC:

- Video presentation on ‘History of Discovery of Cell’ in the YouTube channel of Zoological Society of Assam (ZSA), 6th September 2020. Video Link: <https://youtu.be/2U2UC2sDf2Y>

ADMINISTRATIVE/CO-CURRICULAR/EXTRA-CURRICULAR ACTIVITIES:

- **Member**, Enrollment & Result Analysis Committee, Cachar College, Silchar. 2022-23.
- **Member**, Co-curricular & Extension Activity Cell, Cachar College, Silchar. 2022-23.
- **Coordinator**, Lecture program ‘*Perspectives on Environment and Sustainability*’ as a part of World Environment Day celebration 2022, organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar.
- **Editor**, College Magazine “*Clarion*” (11th issue), the mouth piece of Ramanuj Gupta Senior Secondary School and Ramanuj Gupta Degree College, Silchar. 2021.
- **Convenor**, Online lecture program ‘*What after Graduation? Career options and Prospects of Zoology*’ organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar. 2021.
- **Coordinator**, Online lecture program *Ecosystem Restoration*, as a part of World Environment Day celebration 2021, organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar.
- **Coordinator**, Lecture program ‘*Atomic Force Microscopy as Modern Analytical Tool*’ organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar. 2021.
- **Coordinator**, Online lecture program ‘*Recent Advances in Biological Sciences: Scopes and Applications*’ organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar. 2020.
- **Member**, *Co-Creation: An Online inter-disciplinary multi-lingual Journal*, Issue 1, April 2020 Published by Ramanuj Gupta Degree College, Silchar.
- **Coordinator**, Lecture Programme Commemorating the 161st birth anniversary of Acharya Jagadish Chandra Bose, organized by the Department of Zoology, Ramanuj Gupta Degree College, Silchar. 2019.

INVITED TALKS/LECTURES:

- Invited talk on ‘*Science & Technology in Everyday Life*’ as a part of Science and Technology Day, 11th May 2022, organized by Cachar High School, Silchar.
- Outreach program ‘*Use of Plastic and its health hazards*’ jointly organized by Hironprova Dev Shishu Mandir and Ramanuj Gupta Degree College, Silchar. 2019.

PUBLICATIONS:

Journals

- Roychoudhury, S., Sinha, B., Choudhury, B. P., Jha, N. K., Palit, P., Kundu et al. Scavenging properties of plant-derived natural biomolecule para-coumaric acid in the prevention of oxidative stress-induced diseases. *Antioxidants*, 2021, 10(8): 1205.

- Choudhury B.P., Roychoudhury S., Rajendra R., Reproductive Security and Women Empowerment: A Northeast Indian Perspective, Social Work Journal, 2020, 7(2):71.
- Choudhury B.P., Stem cell technology and Parkinson's disease: A journey towards cell-based treatment, Biovision, 2019, 12:18.
- Choudhury B.P., Laskar M.A., Choudhury M.D., Pharmacological screening of Centella asiatica for anti-amoebic properties: An in-silico approach, Curr Trends Pharm Res, 2018, 5(1):1-23.
- Roychoudhury, S., Dorsey, C., Choudhury, B.P., & Kushal, K. K. (2017). Oxidation-reduction potential can help distinguish semen samples under oxidative stress. In human reproduction (vol. 32, pp. 168-168). Great Clarendon St, Oxford Ox2 6dp, England: Oxford Univ Press.

Chapters

- Choudhury, B.P., Roychoudhury, S., Sengupta, P., Toman, R., Dutta, S., & Kesari, K. K. (2022). Arsenic-Induced Sex Hormone Disruption: An Insight into Male Infertility. In Oxidative Stress and Toxicity in Reproductive Biology and Medicine (pp. 83-95). Springer, Cham.
- Roychoudhury, S., Choudhury, B.P., Choudhury, A. P., Pal, M., Kosgi, R., & Mandal, S. C. (2022). Herbal aphrodisiac biomolecules in the management of male reproductive and sexual problems: connecting nature with clinics. In Herbal Biomolecules in Healthcare Applications (pp. 591-611). Academic Press.
- Dey, S., Das, D., Chakraborty, A., Roychoudhury, S., Choudhury, B.P., Choudhury, A. P., & Mandal, S. C. (2021). Plant-Based Traditional Herbal Contraceptive Use in India: Safety and Regulatory Issues. In *Evidence Based Validation of Traditional Medicines* (pp. 659-675). Springer, Singapore.