

## Short CV



**Name:** Dr. Asamanja Chatteraj

**Designation:** Professor

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- **Qualifications:**

B.Sc (Hons.) Zoology (Life Science) (1998), Visva-Bharati

M.Sc Zoology (2000), Visva-Bharati

Ph.D. in Zoology (2008), Visva-Bharati.

- **Experience:**

**Postdoctoral:** Total: 3 years and 04 months

University of Michigan, USA; USUHS, USA

**Teaching and Research experience:** 13 years and Continuing

Guru Ghasidas Viswavidyalay, Bilaspur, Chhattisgarh, and Institute of Bioresources and Sustainable Development, Imphal, Manipur

**Area of Interest:** Environmental factors and rhythm physiology

- **Research:**

**Doctoral study:** Photoinduction and Reproduction: Role of Pineal Organ in Female Indian Major carp *Catla catla*

**Postdoctoral study:**

1. Enumerated the molecular regulation of the production of indoleamines, in mammals.
2. Established *Octodon degus* as a diurnal animal model for the chronobiological studies

<https://scholar.google.com/citations?user=3ftjrIUAAAJ>

- **Fellowships/Awards:**

- “Membership in Reproduction and Endocrinology” by the Society for Reproductive Biology and Comparative Endocrinology-2016
- “Prof MA Akbarsha Oration Award” for the contribution in endocrinology by the Society for Reproductive Biology and Comparative Endocrinology-2015

- “Prof N J Chinoy Poster Award” by the Society for Reproductive Biology and Comparative Endocrinology-2005
  - Senior Research Associateship under Scientists’ Pool Scheme from Council of Scientific and Industrial Research (CSIR), Pusa, NewDelhi, India.
  - Dr D.S. Kothari Post-doctoral Fellowship from UGC (Not availed)
  - Post-doctoral Research Fellow in Graduate School of Nursing & School of Medicine: Department of Biochemistry and Molecular Biology Uniformed Services University of the Health Sciences, Bethesda, USA.
  - Post-doctoral Research Fellow in the Medical School, University of Michigan, USA.
  - **Selected Publications:** (Recent five)
  - Khan ZA, Yumnamcha T, Mondal G, Devi SD, Rajiv C, Labala RK, Sanjita Devi H and **Chattoraj A. 2020.** Artificial Light at Night (ALAN): A Potential Anthropogenic Component for the COVID-19 and HCoV’s Outbreak. *Front. Endocrinol.* 11:622. [http://doi: 10.3389/fendo.2020.00622](http://doi:10.3389/fendo.2020.00622). Impact Factor 3.644
  - Khan ZA, **Chattoraj A. 2019.** Artificial Illumination in the Prison: General Recommendation for Prisoner and Associated Staffs. *Chronobiol Med.*, **1(4)**, 131. <https://doi.org/10.33069/cim.2019.0024>
  - Sheikh Y, Chanu M B, Mondal G, Manna P, **Chattoraj A**, Deka D C, Talukdar N C and Chandra Borah JC. **2019.** Procyanidin A2, an anti-diabetic condensed tannin extracted from *Wendlandia glabrata*, reduces elevated G-6-Pase and mRNA levels in diabetic mice and increase glucose uptake in CC1 hepatocytes and C1C12 myoblast cells. **RSC Adv.**, **9**, 17211-17219; Impact Factor 3.049. <https://pubs.rsc.org/en/content/articlehtml/2019/ra/c9ra02397f>
  - Khan ZA, Labala RK, Yumnamcha T, Devi SD, Mondal G, Sanjita Devi H, Rajiv C, Bharali R, **Chattoraj A. 2018.** Artificial Light at Night (ALAN), an alarm to ovarian physiology: A study of possible chronodisruption on zebrafish (*Danio rerio*). **Science of The Total Environment** 628–629, 1407-1421. <https://www.sciencedirect.com/science/article/pii/S0048969718304911>
  - Yumnamcha T, Khan ZA, Rajiv C, Devi SD, Mondal G, Sanjita Devi H, Bharali R, **Chattoraj A. 2017.** Interaction of Melatonin and Gonadotropin-Inhibitory Hormone on the Zebrafish Brain-Pituitary-Reproductive Axis. *Molecular reproduction and development.* 84:389-400 <https://www.ncbi.nlm.nih.gov/pubmed/28295807>
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