

Dr. Anirban Paul (Ph.D.)

Assistant Professor

Department of Botany

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✚ Academic Qualification:

- 2018 **Ph.D. in Botany**, Visva-Bharati
- 2009 **M.Sc. in Botany**, Visva-Bharati

Area of Specialization: Cytology, Genetics and Plant Biotechnology

✚ **Teaching Experience: 12 Years**

✚ **Awards and Honors:**

- **Best research paper** in poster presentation: **International Seminar** on Recent Trends in Life Sciences; organized by Dept. of Botany, SKBU, Purulia and IASR, Kolkata, 2019
- **Best research paper** in poster presentation: **National Seminar** on Sustainable Utilization of Plants and Microbes; organized by Dept. of Botany, Visva-Bharati, Santiniketan, 2019
- **First class 2nd** in M.Sc. from Visva-Bharati

✚ **Publications: 12** Research articles published in International Journals

01 General article published in Regional Journal and **02** Book chapters published in Edited Books

✚ **List of Publications:**

- Ghosh, T., Paul, A. and Chatterjee, S. (2021). Biosorption of heavy metal by bacteria for sustainable crop production, *Materials Today: Proceedings*, Online published in **press**. [ISSN: 2214-7853, DOI: 10.1016/j.matpr.2021.05.580; Peer-Reviewed; **UGC-CARE** listed (Group-II): **Elsevier** Journal]
- Paul, A. and Das, A. (2021). COVID-19: A global scientific challenge about human race and activity of National Service Scheme in the pandemic situation. In: Chakrabarti, A.K., Sar, S., Das, G. (eds.) *Roll of NSS in COVID-19 Pandemic in India*. Red'Shine Publication, Gujarat, India, pp. 59-73. [ISBN: 978-93-90937-16-5; ISBN-A: 10.9390937/165; DIP: 18.10.90937/165; DOI: 10.25215/9789390937165]
- Paul, A., Das Bairagya, K., Banerjee, N. and Roy, A. (2020). Estimation of biological toxicity by copper oxychloride on *Pisum sativum* L. and *Vigna radiata* L. *Indian Journal of Agricultural Research*, **Online First Article**. [ISSN: 0367-8245, ONLINE ISSN: 0976-058X; DOI: 10.18805/IJArE.A-5606; Peer-Reviewed; **UGC-CARE** listed (Group-II): **Web of Science** Journal]
- Paul, A. (2020). Glorious history of Acharya Jagadish Chandra Bose Indian Botanic Garden in the timeline of pre and post independent India. In: Islam, A., Rajguru, J., Majhi, S., Mondal, S.K. (eds.) *Science and Technology: A Concise History and Evolution*. Kumud Publications, Delhi, India, pp. 316-336. [ISBN: 978-81-945060-3-4]
- Paul, A. and Banerjee, N. (2020). Evaluation of phylogenetic relationships of some medicinally important species of *Solanum* based on seed protein profile of SDS-PAGE. *Advances in Zoology and Botany*, 8(5): 439-

446. [ISSN: 2331-5083, ONLINE ISSN: 2331-5091; DOI: 10.13189/azb.2020.080508; Peer-Reviewed; **UGC-CARE** listed (Group-I) & Indexed Journal]

- Chatterjee, S. and **Paul, A.** (2020). Evaluation of cytotoxic potential of acetamiprid on *Allium cepa* L. *Research Journal of Agricultural Sciences*, 11(4): 919-924. [ISSN: 0976-1675, ONLINE ISSN: 2249-4538; DOI: 6069-1804-177; Peer-Reviewed; **UGC-CARE** listed (Group-I)]
- **Paul, A.**, Roy, A. and Banerjee, N. (2019). Phylogenetic relationship of some species of *Allium* L. on the basis of morphological, biochemical and cytological study. *International Journal of Recent Scientific Research*, 10(8B): 34038-34103. [ISSN 0976-3031; DOI: 10.24327/ijrsr.2019.1008.3820; Peer-Reviewed; **UGC listed** (No. 49336) & Indexed Journal]
- **Paul, A.** (2018). Parag milone tap utpadankari udvid. *Abhimukh*, 5(03): 86-90. [ISSN: 2349-4107]
- **Paul, A.** and Banerjee, N. (2015). Phylogenetic relationship of some species of *Solanum* based on morphological, biochemical and cytological parameters. *Indian Journal of Fundamental and Applied Life Sciences*, 5(03): 51-56. [ISSN: 2231-6345, Peer-Reviewed & Indexed Journal]
- **Paul, A.** and Banerjee, N. (2015). Phylogenetic diversity and relationships of some medicinally important species of *Solanum* as revealed by seed morphometric and biochemical analysis. *International Journal of Advanced Research*, 3(07): 1403-1409. [ISSN: 2320-5407, Peer-Reviewed & Indexed Journal]
- Roy, A.M., Ghosh, S., **Paul, A.**, Mondal, T., Pal, J. and Banerjee, N. (2014). Comparative study of cytotoxic effect by indofil, bavistin and biofungicide on the seeds of Lentil (*Lens culinaris* M.). *International Journal of Current Research*, 6(08): 7759-7762. [ISSN: 0975-833X, Peer-Reviewed & Indexed Journal]
- Nag, S., **Paul, A.** and Choudhuri, M.A. (2013). Changes in peroxidase activity during adventitious root formation at the base of Mung bean cutting. *International Journal of Scientific and Technology Research*, 2(05): 171-177. [ISSN: 2277-8616, Peer-Reviewed & Indexed Journal]
- Nag, S., **Paul, A.** and Choudhuri, M.A. (2013). Role of endogenous nucleic acids and proteins in adventitious root formation in Mung bean cutting. *International Journal of Innovative Research in Science, Engineering and Technology*, 2(05): 1337-1342. [ISSN: 2319-8753, Peer-Reviewed & Indexed Journal]
- **Paul, A.**, Nag, S. and Sinha, K. (2013). Cytological effects on blitox on root mitosis of *Allium cepa* L. *International Journal of Scientific and Research Publications*, 3(05): 1-6. [ISSN: 2250-3153, Peer-Reviewed & Indexed Journal]
- Nag, S., **Paul, A.** and Dutta, R. (2013). Phytochemical analysis of methanolic extracts of leaves of some medicinal plants. *International Journal of Scientific and Research Publications*, 3(04): 1-5. [ISSN: 2250-3153, Peer-Reviewed & Indexed Journal]

Active participation in Academic Courses:

- ❖ **Seminar / Conference:** Six Papers have been presented either as Oral or Poster form in National/International Seminars. He was key note Speaker in two National Webinars and also delivered lecture as resource person in other two National webinar in addition to his active participation in several workshops.