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PRESENT STATUS:

Working as Associate Professor (Botany, Life Science) at Department of Botany, Maulana Azad College, Kolkata-13 and continuing.

WORKING EXPERIENCES:

Served at Post Graduate Dept of Botany, Hoogly Mohosin College, Chinsurah, Dist Hooghly, West Bengal, India from 26th June 2012 to 10th January, 2025.

Worked as Assistant Professor (Botany, Life Science) A. B. N. Seal Govt. College, Coochbehar, and Hooghly Mohsin College, (PG and UG dept of Botany) West Bengal, India from February 5th 2009 to 5th February 2021.

Served as a **lecturer** (Genetics and Biotechnology) in the Dept of Biotechnology, Krupandihni Degree College, Bangalore, from July 23, 2007 to January 25, 2009.

Served as a **Scientist** in SAMI LABS LIMITED (Biochemistry Research Unit), Bangalore, India from November 2005 to June 2007.

Completed the UGC (University Grant Commission, India) Project Research work as Research Fellow in the Project titled "Pharmacological and Biochemical studies on the tentacle extract of the Sea anemone (*Paracondylactis indicus* Dave) - a species prevalent in the coastal region of West Bengal, India." **Ph.D. certificate has been awarded on 24th December 2008.**

EDUCATIONAL QUALIFICATIONS:

2001-05: Worked as a Research Fellow in UGC funded Research Project, titled "Pharmacological and Biochemical studies on the tentacle extract of *Paracondylactis indicus* Dave-a sea anemone species prevalent in the eastern coastal region of West Bengal, India".

2001: Passed CSIR-UGC, National Eligibility test for Lectureship (Life Science).

2001: Passed State Level Eligibility test for Lectureship (Life Science).

Passed M.Sc. in Botany, Calcutta University, Kolkata, India (Specialization- **Cell Biology, Molecular Genetics and Plant Biotechnology**) with 1st class.

Ph.d Supervision: Spervised Mr. Ram Bera, M.Pharm. (Dept of Pharmaceutical Technology, Jadavpur University, Kolkata-700032, India) for Ph.D. thesis titled " **IN VITRO AND IN VIVO PHARMACOKINETIC AND DRUG LIKE PROPERTIES EVALUATION OF ANDROGRAPHOLIDE AND GYMNEMAGENIN.** Ph.d. thesis submitted on 22/07/16 and awarded on 21/12/2017.

COMMUNICATIONS: Dr. Dipan Adhikari

1. D. Adhikari, S. Samanta, A. Roy, A. Dutta, J. Vedasiromoni and T. Sen, "**In vitro hemolysis and lipid peroxidation inducing activity of the tentacle extract of the sea anemone (*Paracondylactis indicus* Dave.) on rat erythrocytes**", Indian Journal of Pharmacology,39(3),155-159, 2007. Impact Factor[®] as reported in the 2018 Journal Citation Reports[®] (Clarivate Analytics, 2019): **1.04**
2. "**Pharmacological studies on Indian Black Tea (leaf variety) in acute and chronic inflammatory conditions**" Dilip K Roy, K.T. Mani Senthil Kumar, Zothanpuia, Sanmoy Karmakar, Siddhartha Pal, Samir K Samanta, **Dipan Adhikari** and Tuhinadri Sen,**Phytother Res.** 2008 Jun;22(6):814-9. IF: 3.092 (2016)
3. "**Anti-nflamatory activity of *Acanthus illicifolius***" Mani Senthil Kumar K.T., Gorain B., Roy D.K., Samanta S.K., Pal. M., Biswas P., Roy A., **Adhikari D.**, Karmakar S. and Sen. T. **J Ethnopharmacol.** 2008 Oct 30; 120(1):7-12. IF: 3.414

4. **Pharmacological and Biochemical Studies on *Telescopium telescopium* – a marine mollusk from the Mangrove regions.** S. Samanta, **D. Adhikari**, A. Dutta, A. Roy, K. T. Manisenthil, D. Roy, J. R. Vedasiromoni & T. Sen. *Oriental Pharmacy and Experimental Medicine (OPEM)*, 2008,8(4), 386-394. **ISSN: 1598-2386 (print version), ISSN: 2211-1069 (electronic version)**
5. **Effect of 2-4-dicholorphenol on mycelial growth and extracellular enzyme production by *Pleurotus* sp.** Das N., Adhikari D., Naskar S., 2010, B. N. Seal Jr. of Sc. Vol 3, 82-84 (**ISSN # 0975-5624**).
6. **“Experimental Evidence for presence of a Growth Regulating Extracellular Laccase in Some *Pleurotus* species”** 2011. Nirmalendu Das, Saikat Naskar, Pratik Chowdhury, Birja Paswan and **Dipan Adhikari**. *Research Journal of Microbiology* (**ISSN: 1816-4935**). Academic Journals Inc. USA, Science Alert. **IF:0.19**
7. **“Intellectual Property Rights to explore Biodiversity Issues: Present inputs, current debates and Future Prospects”**, 2011. Sabuj Kumar Choudhuri and Dipan Adhikari. Proceedings of UGC sponsored National Seminar on “Emerging Trends in Plant Science. 73-83. **ISBN-978-93-80673-52-3**.
8. **Gastro-Protective Role of *Acanthus ilicifolius*- A Study to Unravel the Underlying Mechanism of Anti-Ulcer Activity.** K. T. Mani SENTHIL KUMAR, Zothan PUIA, Samir K SAMANTA , Rajiv BARIK1, Arnab DUTTA, Bapi GORAIN, Dilip K. ROY, **Dipan ADHIKARI**, Sanmoy KARMAKAR and Tuhinadri SEN. *Scientia Pharmaceutica*. **2012, 80:701-717**. ISSN 2218-0532; CODEN: SCPHA4; ISSN 0036-8709 for printed edition. It is the journal of the Austrian Pharmaceutical Society (Österreichische Pharmazeutische Gesellschaft, ÖPhG) and it is published quarterly online by MDPI (from Volume 84 Issue 3 - 2016) and in print by the Austrian Pharmacists' Publishing House (Österreichischer Apothekerverlag). IF:m 1.30 Scopus.

Edited Books:

1. **Title of the Book: Futuristic Trends in Biotechnology, Edition: Volume 2, Book 27, 2022, IIP Proceedings, ISBN: 978-93-95632-88-1. IMPRINT: I I P Iterative International Publishers. Publisher, Printed at & Distribution by: Selfypage Developers Pvt. Ltd., Pushpagiri Complex, Beside SBI Housing Board, K.M. Road Chikkamagaluru, Karnataka. Tel.: +91-8861518868 E-mail: info@iiponline.org.**
2. **Title of the Book: Futuristic Trends in Biotechnology, e-ISBN: 978-93-6252-220-7 IIP Series, Volume 3, Book 24 , Part 1, 2024, ISBN: 978-93-6252-538-3.**

Book Chapters Published.

1. **Novel Fungal Enzymes in Environmental Remediation:** Dipan Adhikari, Nirmalendu Das and Saikat Naskar, in Environmental Biotechnology and Application, Discovery Publishing House Pvt. Ltd (First Edition: 2013), **ISBN: 978-93-5056-262-8**.
2. **Global climatic change has its impact on Indian Wildlife and socio-biological life: Challenges and mitigation strategies to restore biodiversity from urban ecological perspectives and beyond:** Dipan Adhikari, *Cross Cutting Research in Social Sciences (2019): ISBN: 978-81-939363-0-6*, UGC-Human Resource Development Centre,

University of Calcutta, editors: Dr. Sabuj Kumar Choudhuri, Dr. Pubalika Bhattacharya Mitra, Dept of Library and Information Science, University of Calcutta.

3. **Climate Changes vis-à-vis Environmental Actions and Forest Management with Special Reference to Sunderban Biosphere: Measurements to protect Bio-resources From Socio-political and Biological Perspective to Meet a Better Future.** Dipan Adhikari, Suman Mukherjee and Tuhin Ghosh. *Cross Cutting Research in Social Sciences (2019): ISBN: 978-81-939363-0-6*, UGC-Human Resource Development Centre, University of Calcutta, editors: Dr. Sabuj Kumar Choudhuri, Dr. Pubalika Bhattacharya Mitra, Dept of Library and Information Science, University of Calcutta.
4. Tuhin Ghosh and Dipan Adhikari, 2021. **ROS-Mediated Genome Alterations at Cellular Microenvironment during Cancer Metastasis: A Curtain Raiser**, . . *Springer Nature Singapore Pte Ltd. 2021, S. Chakraborti et al. (eds.), Handbook of Oxidative Stress in Cancer: Cancer: Mechanistic, Aspects*, https://doi.org/10.1007/978-981-15-4501-6_77-1.
5. **A Curtain Raiser on Natural Supplements Being Targeted Choice of Surveillance As Potential Anti-Viral Drugs : Neutraceutical Supplementations Vis-à-Vis Immune Boosters**, Dipan Adhikari, *Published by ABS Books Publisher and Exporter*, B-21, Ved and Shiv Colony, Budh Vihar, Phase-2, Delhi – 110086 , in Hand Book of Agriculture & Plant Sciences **ISBN : 978-93-91002-25-1, Copyright : Editor Edition 2021.**
6. Dipan Adhikari. 2024. Versatility Of Grass Pea (Lathyrus Sativus L.) As An Excellent Cytogenetic Model To Evaluate Genotoxic Stress Using Root Tip Ana-Telophase Cytology. "Recent Advances in the Field of Life Sciences - Vol 2" ISBN: 978-81-957386-2-5. Sai Publication Sai College Sector-6, Bhilai, Dist Durg (Chhattisgarh) Copyright©2024 Sai Publication.
7. **ORCHID BIODIVERSITY IN DARJEELING DISTRICT OF WEST-BENGAL (EASTERN HIMALAYA) AND IT'S BIOTECHNOLOGICAL APPROACH FOR GENETIC IMPROVEMENTS.** Dipayon Bandopadhyay and Dipan Adhikari. *Futuristic Trends in Biotechnology e-ISBN: 978-93-6252-220-7 IIP Series, Volume 3, Book 24 , Part 1, Chapter 9 2024.*
8. **Honey: The "Marvel Molecule" of Mother Nature Augments Some Cutting-Edge Technologies for Analytical Validation**, (2025) Sampriti Sarkar, Moutushi Sen, Pulakesh Parai, Subrata Mitra, Sukumar Sarkar, and Dipan Adhikari. ISBN 978-3-031-98912-4 ISBN 978-3-031-98913-1 (eBook) <https://doi.org/10.1007/978-3-031-98913-1>.

DECLARATION:

The abovementioned facts are true to the best of my knowledge and belief.

Dated:

(DIPAN ADHIKARI)