

Curriculum Vitae

Name : DR. DEBLINA BALL

Designation : Assistant Professor, Department of Physiology, Suri Vidyasagar College, Suri, Birbhum, 731101

Educational Qualification: M.Sc., PhD.

Father's Name: Late. Dilip Kumar Ball

Date of Birth: 16-07-1983

Age: 40yrs +

Sex: Female

Height : 152 cm

Weight: 62 Kg

Communication Address: Department of Physiology, Suri Vidyasagar College, Suri, Birbhum, 731101

Contact Number: +91- 9830819998 / 8777057272

E-mail: deblina.ball@gmail.com

Date of Joining: 14.08.2019

Teaching Experience (in Years) : UG- Hons / General Level - 4+ yrs

Area of teaching: Physiology.

Specialization during PG Level: Immunology and Microbiology

OP/RC Attended:



SL	OP/RC/Short Term Training	Sponsoring Agency	Place	Date with Year
1	8 th Faculty Induction Programme (Guru Dakshita)	UGC Sponsored FIP Org. by HRDC, Jadavpur University.	Jadavpur University.	13 th June - 13 th July, 2022
2	RC on Emerging Trends in Natural and Biological Sciences	UGC Sponsored RC Org. by HRDC, University of North Bengal.	University of North Bengal	9 th Sep - 22 nd Sep, 2022
3	NEP-2020 Orientation Programme	OP organised by UGC- MMTTC, Aligarh Muslim University	Aligarh Muslim University	04 th Mar – 13 th Mar, 2024

Topic of the Ph.D. Thesis:

STUDIES ON BIOLEACHING OF SILICA AND IRON FROM CHROMITE ORE BY *Aspergillus niger*

List of Research Papers Accepted or published in National / International journals:

1. Ball, D., Banik, A.K., Studies on bioleaching of silica from Indian chromite ore by a silica tolerant *Aspergillus niger* AB₂₀₀: Characterization of some physical parameters and scanning electron microscopic studies, *Journal of Indian Chemical Society*, **87** (2010) 857-861.
2. Ball, D., Banik, A.K., Role of Macro and micro elements on bioleaching of silica from Indian chromite ore by *Aspergillus niger* AB₂₀₀ *Journal of Indian Chemical Society*, **87** (2011) 1355-1359.
3. Ball, D., Banik, A.K., Effect of Antibiotics on bioleaching of silica from Indian chromite ore by silica resistant *Aspergillus niger* AB₂₀₀, *International Journal of Universal Pharmacy and Life Sciences*, **2**(3) (2012) 1-10.
4. Ball, D., Banik, A.K., Effect of Metabolic Inhibitors on bioleaching of silica from Indian chromite ore by silica resistant *Aspergillus niger* AB₂₀₀, *International Journal of Industrial Pharmacy and Bio Sciences*, **1**(1) (2012) 110-118.
5. Ball, D., Banik, A.K., Role Of Complex Nutrients, Amino acids and Vitamins on Bioleaching of Silica from Indian Chromite ore by Silica tolerant *Aspergillus niger* AB₂₀₀, *International Journal of Industrial Pharmacy and Bio Sciences*, **1**(2) (2012) 54 – 64.
6. Ball, D., Banik, A.K., Mechanism of silica and iron bioleaching from Indian chromite ore by silica tolerant *Aspergillus niger* AB₂₀₀, *International Journal of Deccan Pharma and Life sciences*, Paper accepted (2013).
7. Ball, D., Banik, A.K., Studies on some biochemical changes during bioleaching of silica and iron from Indian chromite ore by silica tolerant *Aspergillus niger* AB₂₀₀, *International Journal of Universal Pharmacy and Life sciences*, Paper accepted (2013).

State Level/ National/ International Seminars / Workshops Attended:

SL	Conference / Seminar/ Workshop	Sponsoring Agency	Organizing Institution	Date with Year
1	One day Symposium on Occupational Health	University of Calcutta	Department of Physiology, University of Calcutta	9 th July, 2011
2	Workshop on NEP-2020 entitled "Multidisciplinarity"	UGC Sponsored HRDC Jadavpur University	Jadavpur University, Kolkata.	20 th June 2022
3	Workshop on NEP-2020 entitled "Educational Framework for Global Citizenship in HE"	UGC Sponsored HRDC Jadavpur University	Jadavpur University, Kolkata	23 rd June 2022
4	. Workshop on NEP-2020 entitled "Good Academic Research Practices / Academic Research Integrity"	UGC Sponsored HRDC Jadavpur University	Jadavpur University, Kolkata	25 th June 2022
5	International Seminar on Emerging Trends in Biological Sciences	Dept. of Botany, Suri Vidyasagar College	Suri Vidyasagar College	8 th Nov, 2022

Paper/Poster/Oral Presented/ Invited Speaker at State Level/ National/ International Seminars / Workshops:

Serial No	Topics	Level	Organized by	Date with Year
1	Kicking out Bacterial Resistance.	International Conference on Frontier Researches in Integrative Physiology (ICFRIP):University of Calcutta	Department of Physiology, University of Calcutta	January 8-10, 2007
2	Bioleaching of Silica from Indian Chromite Ore using a Silica Resistant Strain <i>Aspergillus niger</i> AB ₂₀₀ .	State Level	16 th West Bengal State Science and Technology Congress, University of Burdwan.	28 th Feb- 1 st Mar, 2009.
3	Role of Chemical Nutrients on bioleaching of silica from Indian Chromite ore by <i>Aspergillus niger</i> AB ₂₀₀ .	State Level	18 th West Bengal State Science and Technology Congress, Ramkrishna Mission Residential College, Narendrapur.	28 th Feb-1 st Mar, 2011
4	Effect of some organic compounds on enhancing bioleaching of silica by <i>Aspergillus niger</i> AB ₂₀₀	The Physiological Society of India	Department of Physiology, Bankura Christian College	15-17 th Nov, 2019
5	Optimization of Cultural Conditions for the growth of <i>Aspergillus niger</i> AB ₂₀₀ and its bioleaching capacity of silica from Indian Chromite ore.	Department of Science & Technology and Biotechnology (Govt. of West Bengal) Sponsored National Conference on Women's Health in India: Issues and Concerns The Physiological Society of India	Department of Physiology, Berhampore Girls' College	7-9 th March, 2022

Date : 14.07.2024

(Dr. Deblina Ball)

Signature