

# PERSONAL PROFILE

**Name:-** Dr. Biswajit De  
**Designation:-** Associate Professor  
**Date of joining(Service):-** 18.09.1997(CSC & then in PSC)  
**Specialization:-** Botany Cytogenetics  
**Area of Interest:-** Biotechnology, Plant Tissue Culture,  
Environmental Ecotoxicology



**Web link address:**

1. ORCID: <https://orcid.org/0000-0002-5401-63532>.
2. Research Gate:<https://www.researchgate.net/profile/Biswajit-de3>.
3. Google Scholar:  
<https://scholar.google.com/citations?user=6ZMDmRIAAA&hl=en>

## Award & Recognition

Sl No.	Year	Name of Award/Recognition	Given By
1.	1990	National Scholarship	Govt.India
2.	1991	GATE	IIT, Kgp
3.	1993-96	UGC JRF	University Grands Commission
4.			

5.	1995	SLET	Govt. W.B
6.	1996-97	UGC SRF	University Grands Commission
7.	1997	CSC Recommendation Assistant Prof.	Govt. W.B
	1999	PSC Recommendation Assistant Prof.	Govt. W.B

### Research Journal Publication (National and International) :-

#### National/Regional/ State Level:-

SI No.	Year of Publication	TITLE	Journal Name	ISSN/ ISBN	Published By
1	1996	Mercury induced metabolic changes in seedlings and cultured cells of tomato	<b>Geobios</b> Vol. 23(2) pp-83-88,		<b>GIOBIOS-JODHPUR, INDIA</b>
2	1996	Short term heat shock and cold shock induced proline accumulation in relation to calcium involvement in <i>Lycopersicon esculentum</i> (Mill) cultured cells and seedlings	<b>Indian Journal of Plant Physiology</b> , New Series 1(1) :35-38, March		<b>IARI</b>
3.	1997	Comparative chilling responses of tomato seedlings and cultured cells	Physiol. Mol. Biol. Plants 3: 43-48 ()		
4	1996	Lead and cadmium mediated membrane damage in rice: I Electrolyte leakage, injury index, membrane lipid peroxidation and lipoxygenase activity	J. Ecotoxicol. Environ. Monit. 6(1) 003-010		

5	1996	Lead and cadmium mediated membrane damage in rice: II. Hydrogen peroxide level and superoxide dismutase, catalase and peroxidase activity	J. Ecotoxicol. Environ. Monit. 6(1) 035-039		

### International:-1

Sl No.	Year of Publication	TITLE	Journal Name	ISSN/ ISBN	Published By
1.	1996	Mercuric chloride induced membrane damage in tomato cultured cells	<b>Biologia Plantarum</b> Vol. 38(3): 469-473		<b>ACADEMY OF SCIENCE OF THE CZECH REPUBLIC</b>

### Books Chapter and Monographs :-

Sl No.	Year Of Publication	Title	Publisher & ISBN No.
1.	1996	Book Chapter : Phytochelatin responses in heavy metal stress and mechanism of heavy metal tolerance	Advances in Plant Science Research(Y.P.S. Pundir eds.) 3:67-104,

Paper Presentation: Conferences/Seminars /Symposia /Workshops:-

Sl no.	Year	Title	Organized by	International /National / State Level
1.	2003	Mercury and lead stress effects on seed germination, early seedling growth and cultured cells of tomato ( <i>Lycopersicon esculentum</i> Mill)	Kalyani University; November 27 <sup>th</sup> & 28 <sup>th</sup> ,	<b>National Seminar</b> on "Recent Advances in Stress Physiology, Toxicology and Immunology"
2.	Nov. 2016	Cytotoxic and Genotoxic effect of Heavy Metal Lead upon acute exposure on <i>Lathyrus sativus</i>	West Bengal National institute of Technical Teachers' Training and Research	1 <sup>st</sup> Regional Science and Technology Congress 2016, Presidency Division, West Bengal at National institute of Technical Teachers' Training and Research
3.	2018	Investigation on Differential Potentiality of Cotyledonary and Hypocotyl Tissues towards Regeneration capacity in Fenugreek	Dept. of Biotechnology; Burdwan Univ. on March 22& 23	National Seminar: Two Days National Seminar on Advent of Biotechnology in Life Processes(NSABLP-2018)
4.	2014	Significance and Media Potimization for <i>Dendrobium densiflorum</i> Lindl. ex Well.	UGC & DST Sponsored	National Symposium OP-PHYSIO/03, Affiliation : UGC & DSTSponsored
5.	2009	Ph.D Programme: Biswajit De An Investigation on Heavy Metal Toxicity in Tomato under <i>in vivo</i> and <i>in vitro</i> condition	Kalyani University	Kalyani University India

Member of Board of studies/Academic Activities:-

Sl No.	Year	Details
1.	2016	PG Botany Paper Setter, Rahara Ramakrishna Mission Chairman, B.Sc. 2 <sup>nd</sup> year General Theory Paper
2.	2017	Member PGBS Botany Dept. BU Dissertation Supervisor PG Botany Paper Setter, Rahara Ramakrishna Mission
3.	2018	Member PGBS Botany Dept. BU Dissertation Supervisor PG Botany Paper Setter, Rahara Ramakrishna Mission
4.	2019	Member PGBS Botany Dept. BU Dissertation Supervisor Chairman, B.Sc. SEM 4 Paper CC10(Theory)
5.	2020	Member PGBS Botany Dept. BU Dissertation Supervisor
6.	2021	Member PGBS Botany Dept. BU

7.	2022	Dissertation Supervisor Member PGBS Botany Dept. BU Dissertation Supervisor Member Doctoral Committee Member BRS
8.	2023	Member PGBS Botany Dept. BU Dissertation Supervisor Member Doctoral Committee Member BRS
9.	2024	Member PGBS Botany Dept. BU Dissertation Supervisor Member Doctoral Committee Member BRS
10.	2025	Member PGBS Botany Dept. BU External Examiner Biotechnology Dept.

