

PROFORMA

1. Name : Dr. (Mrs.) BHARATI BEHERA

2. Designation : Reader in Botany

3. Date of Birth : 11-10-1949

4. Educational Qualifications :

Sl. No.	Qualifications	Year of Passing	Subjects (PG onwards)	Division	Name of the University
1	BA/ <u>B.Sc.</u> /B.Com.	1969	Botany (Honours)	First class	Utkal University
2	MA/ <u>M.Sc.</u> /M.Com	1971	Botany	First class	Utkal University
3	M.Phil				
4	Ph.D	1977	Botany		Utkal University
5	D.Lit.				

5. List of Publications

A. Papers Published in National & International Journals

Sl. No	Title	Name of the Journals with Full Address	Number	Volume	Month & Year of Publication	Page No From - To	National/ International
1.	Cytotaxonomic studies in the family <i>Amaranthaceae</i>	Cytologia, Japan		39	1974	121-131	International
2.	Histological analysis of colchicines induced deformities and cytochimeras in <i>Amaranthus caudatus</i> L. and <i>A. hybridus</i>	The J. of Heridity		68	1974	179-184	International
3.	Induced polyploidy in <i>Amaranthus hypochondriacus</i> and <i>A. dubius</i>	Cytologia, Japan		44	1975	150-168	International
4.	EMS induced mutation in <i>A. tricolour</i>	Current Science		44	1975	319-320	National
5.	Problem of evolution in the genus <i>Amaranthus</i> L.	Jour. Cytol. Genet. Suppl			1975	132-142	
6.	Problem of inducing polyploidy in plants	Frontiers on plant sciences			1977	165-180	
7.	Trisomy in <i>A.dubius</i>	Perspectives in cytogenetics			1981		

8.	Genome analysis of <i>Amaranthus dubius</i> through the study of <i>A. spinosus</i> X <i>A. dubius</i> hybrid	Cytologia, Japan		47	1982	379-389	International
9.	Genetic resources, conservation and improvement of <i>Amaranthus</i>	National seminar.....and management			1994		
10.	Studies on the mutagenic effect of gamma rays on <i>Hordeum vulgre</i> L. and <i>O. Sativa</i> .	Plant Science Research		18	1996	112-116	National
11.	Chromosomal analysis and response to in vitro culture of different cultivars of <i>Polianthus tuberosa</i> L.	Nucleus	1,2	42	1999	79-83	National
12.	In vitro micropropagation of two varieties of <i>polyanthus tuberosa</i>	Plant Science Research	1, 2	23	2001	43-45	National
13.	Photomorphogenetic effect on callus initiation in tube rose	Plant science research	1, 2	24	2002	43-45	National
14.	In vitro multiple shoot induction in <i>P. tuberosa</i> L. using shoot bud explants	Plant Science Research	1, 2	25	2002	24-27	National
15.	Cytologicaeffect of paracetamol and ofloxacin on root meristems of <i>A.cepa</i>	Plant science research	1, 2	27	2005	6-10	National
16.	Role of auxins for callus induction and chrosomal variation in <i>Polianthes tuberosa</i> L. "single"	Indian J. of Genetics and plant Breeding	2	64	2004	173-174	National

B. Number of Books Published

Sl. No	Title	Year of Publication	Name & Address of Publisher	Text Book/ Reference Book
1.	Higher Secondary (+2) Botany	2002	OSBTPP, Bhubaneswar	Text Book

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6. National /International Seminar/Conference/Symposium/Workshop Attended

Sl. No	Year	Type Seminar/ Workshop/ Conference/ Symposium	Name of the Conference/ Seminar/Workshop/ Symposium	Sponsoring Agency With Address	Place	Title of the paper presented/ Subject of the Seminar
1.	2001	Symposia	Biotechnology and rural development	UGC	Ravenshaw college	Participation
2.	2001	Workshop	Scientific and technical terminology in Oriya	HRD, GOI	OSBTTPP, Bhubaneswar	Participation
3.	2002	Seminar	Microbes to Man	DBT, New Delhi	BBSR	Participation
4.	2002	Seminar	Medical education programme	Indian Immunology society, NewDelhi	RMRC, Bhubaneswar	Participation
5.	2002	Seminar	Plant resource utilization for backward area development	RRL, BBSR	Bhubaneswar	Participation
6.	2005	Workshop	Bioinformatics and its application	DBT, Govt. of India	ILS, BBSR	Participation
7.	2005	Seminar	Natural resources management and sustainable development	UGC	Ravenshaw College	Participation
8.	2006	Workshop	Desert and desertification	Ministry of Env. Forest	Dept. of forest and environment pollution control board	Participation
9.	2006	Seminar	Emerging trends in plant sciences-morphology to biotechnology	DBT, Govt. of India & CSIR, New Delhi	Bhubaneswar Ravenshaw College, Cuttack	Participation

7. Research Project Completed

Sl. No	Title	Sponsoring Agency with Address	Duration From – To	Amount of Grant
1.	Effect of pesticides on plant chromosomes	DST, Govt of Orissa	1987-1990	30,000
2.	Exploitation of tissue culture	UGC	2000-2002	50,000
3.	Exploitation of somaclonal variants of tuberose (<i>P. tuberosa</i> L.) for better genotypes for floriculture interest	CSIR	2002-2005	6,37,000

8. Ongoing Research Projects: Nil

Sl. No	Title	Sponsoring Agency with Address	Date from which undertaken	Amount of Grant
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9. Whether awarded Ph.D/D.Lit :

Sl. No	Title of the Thesis	Name and Address of the guide	Year of Award
1.	Biosystematic studies in amaranthaceae	Prof. S. N. Patnaik Former professor of Botany, UU	1977

10. Research Guidance :

A. D.Lit

Sl. No.	Name of the Scholars	Regd. No. & Date	Title	Year of Award

B. Ph.D.

Sl. No.	Name of the Scholars	Regd. No. & Date	Title	Year of Award
1.	Dr. A. Panigrahi		Effect of pesticides on plant chromosome	1993
2.	Sri. B.K. Bindhani	3-Botany, 2002 Dt 22.05.2002	Exploitation of in vitro tissue culture tuberosa (<i>P. tuberosa</i> L.)	Thesis under preparation

C. M.Phil

Sl. No.	Name of the Scholars	Regd. No. & Date	Title	Year of Award
1.	Smt. Bijaya Giri		Cytogenetic analysis of <i>Amaranthus tricolour</i>	1987
2.	Smt. Sujata Das		Cyto-morphological analysis of different varieties of <i>Coleus</i> sp.	1988
3.	Smt. Rinakhi Sahoo		Cyto-taxonomic studies of Caesalpinaceae	1991
4.	Smt. Bijay laxmi Tripathy		Chromosome characteristics and	1999

5.	Sri. B. K. Bindhani		differential response of callus initiation in <i>in vitro</i> cultures of <i>P. tuberosa</i> explants.	2000
6.	Sri K. C. Behera		<i>In vitro</i> induction of androgenesis in anther culture of <i>Datura stramonium</i>	2000
7.	Sri. G. Upadhyay		<i>In vitro</i> anthe culture and embryogenesis in <i>Datura metel</i>	2001
8.	Sri. A. Sethy		Micropropagation of two varieties of <i>P.tuberosa</i>	2003
9.	Smt. S. Mallick		<i>In vitro</i> clonal propagation in <i>P. tuberosa</i>	2002
10.	Smi. A. Rout		<i>In vitro</i> induction of callus and chromosomal analysis in <i>P. tuberosa</i>	2004
11.	Smt. M. Acharya		Cytological effect of paracetamol and ofloxacin on root meristems of <i>Allium cepa</i> L.	2005
12.	Smt. S. Sethi		Effect of analgesic and anti-inflamatory medicines-Nice, Ibuprofen and disprin on chromosoma of root meristem in <i>Allium cepa</i> .	2006
			Isolation and charactrisation of microbes present in Bakhara	

Signature