




DESHBANDHU COLLEGE
(UNIVERSITY OF DELHI)
KALKAJI, NEW DELHI - 110019
Faculty Details Proforma for College Website

Title	DR	First Name	SARLA	Last Name	Photograph
Designation	Associate Professor				
Address	I-155, ASHOK VIHAR, PHASE 1, DELHI-52				
Phone No. Office					
Residence Mobile	9810440393				
Email	sarlag77@yahoo.com, sgupta@db.du.ac.in				
Web-Page					
Educational Qualifications					
Degree	Institution			Year	
Ph.D.	Department of Botany, University of Delhi			1987	
M.Phil.					
PG	S.G.T.B Khalsa College, University of Delhi			1979	
UG	S.G.T.B Khalsa College, University of Delhi			1977	
Any other qualification					
Career Profile					
Associate Professor – w.e.f. 27.7.1998 at Deshbandhu College					
Lecturer (Joined as Permanent lecturer on 1 st August 1990 in Deshbandhu College					
Teaching experience as lecturer in various institutions					
Name of the Institution	Position held	From/to	Total period		
Daulat Ram College	Lecturer (Part time)	28.10.1986-1.4.1987	5 months 7 days		
Kirori Mal College	*Lecturer (Temporary)	20.7.1987-28.4.1989	1 year 9 months and 8 days		
RA (CSIR)	Research Associate (Temporary)	1.4.1987-1.8.1990	1 year 6 months 22 days		
Deshbandhu college	Lecturer Permanent	1.8.1990 to till date	5 years 6 months 8 days (as on 8 th Feb, 96)(Date on which promotion for readers grade falls due).		
<ul style="list-style-type: none"> CSIR sanctioned leaves to work in KM college 					
Administrative Assignments					
<ol style="list-style-type: none"> Teacher-in-Charge (April 1994- March 1996), Deshbandhu College Member, Governing Body (June 2000 to June 2001) Teacher-in-Charge (1 Jan 2011-31 Dec 2012) 					

Areas of Interest/Specialization			
Morphogenesis (Tissue Culture using Bryophytes as a system), Genetics, Biotechnology, Plant Physiology, Cell Biology			
Subjects Taught			
Name of the Course	Year/Semester	Name of the Subject	Year
B.Sc. (Hons) Botany	I st year	Cell Biology	1990-2010
B.Sc. (Hons) Botany	IIIrd year	Plant Physiology, Taxonomy, Anatomy	1990-2010
B.Sc. (Hons) Botany	IIIrd and IVth sem	Cell Biology and Mol Biology	2011-18
B.Sc. (Hons) Botany	Vth and VIth sem	Biotechnology, Genetics	2011-18
B.Sc. Life Science	Vth sem	Genetics	2011-18
Research Guidance			
<p>List against each head (If applicable):</p> <ol style="list-style-type: none"> 1. Supervision of awarded Doctoral Thesis 2. Supervision of Doctoral Thesis, under progress 3. Supervision of awarded M.Phil. dissertations 4. Supervision of M.Phil. dissertations, under progress 			
Publications Profile			
<p>List against each head (If applicable) (as Illustrated with examples)</p> <ol style="list-style-type: none"> 1. Books/Monographs (Authored/Edited) 2. Research papers published in <ol style="list-style-type: none"> a) Research papers published in Refereed/Peer Reviewed Journals <ol style="list-style-type: none"> 1. Chopra , R.N. & Sarla 1985. Induction of buds in the moss <i>Bryum pallescens</i> Schleich. Ex Schwaegr. by a metal chelate, Fe-EDTA. J. Bryol. 13: 423-428. 2. Sarla & Chopra, R.N. 1986. Effect of three cytokinins on bud induction in <i>Bryum pallescens</i> Schleich. Ex Schwaegr. J. Bryol. 13: 429-434. 3. Chopra, R.N. & Sarla 1986. Bud formation in the moss <i>Garckes phascoides</i> (Hook.) C. Muell. I. Effect of auxins, cytokinins and their interaction. J. Hattori Bot. Lab. 61: 75-92. 4. Sarla 1987. Bud formation in the moss <i>Garckes phascoides</i> (Hook.) C. Muell. II. Effect of some growth regulators. J. Hattori Bot. Lab. 62: 151-160. 5. Sarla 1987. Effect of some physical factors on protonemal growth and bud formation in <i>Garckes phascoides</i> (Hook.) C. Muell. Pfl. Beitr. Biol. 62: 225-231. 6. Sarla 1987. Effect of auxins on in vitro formation and behaviour of gemmae in <i>Bryum capillare</i> Hedw. J. Hattori Bot. Lab. 62: 111-119. 7. Sarla & Chopra , R.N. 1987. Effect of some auxins and antiauxins on protonemal growth and bud formation in <i>Bryum pallescens</i> Schleich. Ex Schwaegr. grown <i>In vitro</i>. Plant Science. 51: 251-256. 8. Sarla 1987. <i>In vitro</i> formation and behaviour of gemmae in <i>Bryum capillare</i> Hedw. Phytomorphology. 37: 173-180. 9. Sarla & Chopra , R.N. 1988. <i>In vitro</i> induction of antheridia in male cone of <i>Riccia discolor</i> Lehm. et Lindb. Biochemie Physiol. Pflanzen. 183: 66-73. 10. Sarla & Chopra , R.N. 1989. <i>In vitro</i> regulation of gemma/ bud formation by cytokinins in the moss <i>Bryum capillare</i> Hedw. Plant Science. 64: 237-242. 11. Gupta Anjali, Sarla and Chopra, R.N. 1991. <i>In vitro</i> studies on growth and gametangial formation in <i>Riccia discolor</i>: Effect on physical factors. J. Hatt. Bot. Lab No- 70: 107-117. 12. Sarla 1992. Invitro studies on male cone of <i>Riccia discolor</i>: effect of Sugars. J. Hatt. Bot. Lab No- 72: 141-150. 13. Sarla 1994. Effect of Chloral hydrate on vegetative growth and gametangial induction in the male cone of <i>Riccia discolor</i>. et Lindb. J. Hatt. Bot. Lab No-77: 307-314. b) Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals 			

<ol style="list-style-type: none"> 1. Sarla 1979. Conduction in Bryophytes. <i>The Botanica</i>. 29: 46-48. 2. Sarla 1988. Small but useful plants: Bryophytes. <i>The Botanica</i>. 38: 59-62. 3. Sarla & Gupta, Anjali, 1989. Green house effects and its consequences. <i>The Botanica</i>. 39:- 21-23. 4. Aggarwal, S.K. & Sarla, 1990. Nuclear Wintesh- Is it fantasy? <i>The Botanica</i>. 40: 83-85. <p>c) <i>Research papers published in Refereed/Peer Reviewed Conferences</i></p> <p>d) <i>Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences</i></p> <ol style="list-style-type: none"> 1. Sarla & Chopra R.N. 1986. <i>In vitro</i> induction of antheridia in male cone of <i>Riccia discolor</i> Lehm. et Lindb. In: “ All India Confr. Bryology”, U.G.C., Punjab University, Chandigarh, Feb. 25-27 (Abstract) 2. Sarla, 1987. <i>In vitro</i> studies on growth and antheridial induction in male cone of <i>Riccia discolor</i> Lehm. et. Lindb. In: “XIV International Botanical Congress”. Berlin (West), W. Germany, July 24 – August 1, (Abstract). Poster presented. 3. Sarla & Chopra, R.N. 1988. <i>In vitro</i> studies on growth and antheridial induction in response to casein hydrolysate in male clones of <i>Riccia discolor</i> Lehm. et Lindb. In: International Confr. Res. Plant Science & its Relevance to Future”, U.G.C., Department of Botany, University of Delhi, March 7-11 (Abstract.) 4. Sarla & Chopra, R.N. 1990. <i>In vitro</i> induction of antheridial in male cone of <i>Riccia discolor</i>. In : Frontiers in Botanical Research- A National Symposium. Chandigarh, Feb. 16-18, 1990 (Abstract). <p>3. <i>Other publications (Edited works, Book reviews, Festschrift volumes, etc.)</i></p> <ol style="list-style-type: none"> 1. Chopra, R.N. & Sarla 1990. <i>In vitro</i> studies on chemical regulation of growth and gametangial formation in bryophytes. In Chopra, R.N. & Bhatla, S.C. (eds.), “Physiology and Biochemistry of Development in Bryophytes”, C.R.C. Press, U.S.A. 167-189. 2. Sarla 1987. Preservation of food and beverages. In: Vishnoi, H.S. (ed.) “ Biology- Senior Secondary Courses”, Part-I, Open School, C.B.S.E., New Delhi:pp 159-182 3. Sarla 1987. Stem. In : Vishnoi, H.S. (ed.) “ Biology Senior Secondary Course”, Part III, Open School, C.B.S.E., New Delhi, pp 19-35. 4. Sarla 1989. Maintenance of biological materials. In : Vishnoi, H.S. (ed.). “Biology Senior Secondary Course” Part X, Open School, C.B.S.E., New Delhi 62-69. 5. Sarla, 1998. Morphology & Anatomy of Bryophytes, In: Chopra, R.N. (ed.): “Plant Diversity I”. IGNOU, New Delhi. pp 5-26. 6. Sarla , 1998. Importance and Use of Bryophytes. In: Chopra, R.N. (ed).” Plant Diversity I”. IGNOU, New Delhi, pp 61-74.
Conference Organization/ Presentations
<p><i>List against each head(if applicable)</i></p> <ol style="list-style-type: none"> 1. <i>Organization of a Conference: None</i> 2. <i>Participation as Paper/Poster Presenter</i>
Research Projects (Major Grants/Research Collaboration)
Awards and Distinctions
<ol style="list-style-type: none"> 1. Junior Research Fellowship, UGC (Jan 1983- Dec 1984) 2. Senior Research Fellowship, CSIR (Jan 1985- Mar 1987) 3. Research Associateship , CSIR (April 1987- 1st August 1990) (Resigned due to Permanent appointment in Deshbandhu College)
Association With Professional Bodies

- *Editing*
- *Reviewing*
- *Advisory*
- *Committees and Boards*
- *Memberships*
 1. Delhi University Botanical Society
 2. Eco-transformation Centre
 3. International Society of Plant Morphologists
 4. Society of environmental Scientists
- *Office Bearer*

Other Activities

Computer courses attended-

1. Training Course on "Internet Concepts & its applications", Feb 14-18, 2000, Delhi University Computer Centre, University of Delhi, Delhi
2. Training Course on Computer concepts, Windows 95, Word and PPT, Feb 28- March 10, 2000, at Delhi University Computer Centre, University of Delhi, Delhi.

Orientation and Refresher Courses attended

1. "Non Conventional energy in education curriculum", March 19-24, 1990, CPDHE, University of Delhi, Delhi.
2. Four Week orientation courses, Sept 24-Oct 23, 1990, CPDHE, University of Delhi.
3. Four Week orientation course (OR-18), March 30-April 26, 1993, CPDHE, University of Delhi, Delhi.
4. Refresher course in Life Science entitled "Current trends in Microbiology". March 28-April 18, 1996, CPDHE, University of Delhi, Delhi.
5. Refresher course in Life Science entitled "Microbial Biotechnology" Dec 23, 1998- Jan12. 1999, CPDHE, University of Delhi, Delhi.

SARLA

Signature of Faculty
Member

- You are also requested to give your complete resume as a Word or PDF file to be attached as a link on your department page.