


## FACULTY PROFILE PROFORMA

Title (Ms/Mr/Dr/Prof)	DR.	First Name	PRIYANKA	Last Name	VERMA	Photograph
Designation	ASSISTANT PROFESSOR					
Department	BOTANY					
Address (Official)	Department of Botany, Kalindi College, University of Delhi, Delhi					
Phone No.	xxxxxxxxxx					
Email	xxxxxxxxxx@gmail.com					
<b>Education</b>						
<b>DEGREE</b>	<b>UNIVERSITY/BOA RD</b>	<b>Subject(s) of Specialization</b>			<b>YEAR</b>	
Ph.D. Botany	University of Delhi	Marine Biotechnology			2018	
M.Phil. Botany	University of Delhi	Marine Biotechnology			2011	
M.Sc. Botany	University of Delhi	Botany (Special paper: Algae, Human Affairs and Environment)			2008	
B.Sc. Botany (Hons.)	University of Delhi	Botany			2006	
<b>Career Profile</b>						
<b>Organisation/Institution</b>	<b>Designation</b>			<b>Duration</b>	<b>Role</b>	
Currently employed in Kalindi College, University of Delhi, Delhi	Assistant Professor (Ad-hoc)			24 <sup>th</sup> July –till date	Teaching and administrative duties	
Department of Genetics, University of Delhi, Delhi	Research Associate in DBT funded project entitled “Engineering ToLCV Resistance in Tomato by using single and multiple artificial microRNAs and synthetic rep gene containing multiple mutational to resist VIGS			15 <sup>th</sup> May 2018 to 23 <sup>rd</sup> July 2019	Research Associate	
Department of Botany, University of Delhi, Delhi	Assistant Professor (Guest Faculty)			1 <sup>st</sup> September 2018 to 15 <sup>th</sup> November 2018	Teaching	
Acharya Narendra Dev College, University of Delhi, Delhi	Assistant Professor (Guest Faculty)			5 <sup>th</sup> January 2018 to 27 <sup>th</sup> April 2018.	Teaching	
Swami Shraddhanand College, University of Delhi, Delhi	Assistant Professor (Guest Faculty)			8 <sup>th</sup> January 2018 to 27 <sup>th</sup> April 2018.	Teaching	
Department of Botany, University of Delhi, Delhi	Assistant Professor (Guest Faculty)			12 <sup>th</sup> September 2017 to 15 <sup>th</sup> November 2017.	Teaching	

<b>Research Interests/Specialization</b>			
<ul style="list-style-type: none"> <li>○ Worked as <b>Research Associate</b> in the DBT funded project entitled “Engineering ToLCV Resistance in Tomato by using single and multiple artificial microRNAs and synthetic rep gene containing multiple mutational to resist VIGS” since 15<sup>th</sup> May 2018-23<sup>rd</sup> July 2019.</li> <li>○ Ph.D. thesis title “<b>Nutraceutical Potential of a few Micro and Macroalgae from Different Agroclimatic Zones of India</b>”.</li> <li>○ M.Phil. Dissertation: “Study of Seaweeds Diversity of Port Okha, Gujarat and their Potential in Paper Industry”.</li> <li>○ M.Sc. Dissertation: “Edible Seaweeds- A Review”</li> </ul>			
<b>Field Experience</b>			
<ul style="list-style-type: none"> <li>○ During research period, I have travelled extensively to different parts of India and its several coastal regions for sample collection.</li> </ul>			
<b>Administrative Assignments / Contribution to corporate life</b>			
<p><b>Worked as Organising secretary (played an active role in organisation of the following events) in the following international, national conferences and departmental events</b></p> <ol style="list-style-type: none"> <li>1. <b>Part of the organization committee of a National Seminar on “ Innovation and opportunities in Marine Bioresources and Biotechnology”</b> Jointly Organized by Marine Biotechnology Laboratory, Department Of Botany, University of Delhi, Delhi, India and Cluster Innovation Centre (CIC), University of Delhi, Delhi</li> <li>2. <b>Part of the organization committee of a National webinar on “Restoring Biodiversity for Environment Sustainability &amp; Seasonality of Gardens”</b> organized by Kalindi College, University of Delhi, on October 15, 2020</li> <li>3. <b>“Emerging Environmental Challenges and Sustainable Development”</b> EECSD-2018. Jointly organized by Swami Shradhanand College, University of Delhi, Delhi and Society for Environment and Development, SED India, New Delhi, India, March 21-23, 2018, New Delhi – India.</li> <li>4. National Seminar of Prof. B. M. Johri Rolling Shield Competition “Does climate change influence food and energy security?” Organized by Delhi University Botanical Society (DUBS). Held at Department of Botany, University of Delhi on September 22-23, 2014</li> <li>5. <b>International Algal Summit “Algae for sustainable development”</b>. Held at TERI University New Delhi, 21-22 February 2012.</li> <li>6. <b>7th Asia-Pacific Conference on Algal Biotechnology</b> Jointly Organized by Department Of Botany, University of Delhi, Delhi, India and Indian Phycological Society, New Delhi, India, December 1- 4, 2009, New Delhi – India.</li> </ol>			
<b>Teaching Experiences (Subject/Courses taught)</b>			
<ol style="list-style-type: none"> <li>1. Plant Ecology and Taxonomy (Theory and Practical)</li> <li>2. Industrial and Environmental Microbiology (Theory and Practical)</li> <li>3. Intellectual Property Rights ( Theory and Practical)</li> <li>4. Biodiversity (Microbes, Algae, Fungi and Archegoniate) (Theory)</li> <li>5. Reproductive Biology of Angiosperms (Practical)</li> <li>6. Medicinal Botany(Practical)</li> <li>7. Economic Botany and Biotechnology (Theory and Practical)</li> <li>8. Plant Anatomy and Embryology (Theory)</li> <li>9. Biofertilizers (Theory and Practical)</li> <li>10. Environmental Studies</li> <li>11. Analytical Techniques in Plants(Theory and Practical)</li> </ol>			
<b>Research Guidance</b>			
Guided Interns			

<b>Publication (Peer Reviewed/Indexed Journals)</b>			
<b>Year of Publication</b>	<b>Title</b>	<b>Journal (Name of the journal. Vol Issue ISSN)</b>	<b>Co-Author</b>
2017	Multivariate analysis of fatty acid and biochemical constituents of seaweeds to characterize their potential as bioresource for biofuel and fine chemicals	Bioresource Technology ISSN:09608524	Kumar, M., Mishra, G. and Sahoo, D.,
2017	Algae a potential bioresource for fine chemicals. Enriched Publications, Delhi, India	ISBN No. 978-1-63535-013-5	Kumar, M., Kumar, D., Mishra, G and Sahoo D. 2017
2015	Brown Algae. Springer Dordrecht Heidelberg New York London In: Cellular origin, life in extreme habitats and astrobiology new volume: Algal World.	(ISBN 978-94-017-7320-1)	Arun, A. and Sahoo, D. 2015
2014	Seaweeds Diversity of Gulf of Kutch, Port Okha, Gujarat, India during postmonsoon period.	(ISSN: 0975-3710).	<b>Verma, P.</b> and Sahoo, D.
2012	Role of Algae in Sustainable development.	Proceedings of the UGC sponsored national seminar on new frontier in plant science research development.	Sahoo, D. and <b>Verma, P.</b>

### **Seminar/Workshop/Conferences Presentation/Organisation**

#### **Natal / International Seminars/Conferences**

- Participated in the online Completed Faculty Development Programme of Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0" from May 18 - June 03, 2020, organized by Ramanujam college, University of Delhi
- Completed Faculty Development Programme of Two Weeks Faculty Development Programme on "Advanced concepts of Developing MOOCS" from July 02 - July 17 2020, organized by Ramanujam college, University of Delhi
- Participated in online workshop on “**Elementary Bioinformatics**” organized by School of Biosciences, IMS Ghaziabad, University Course Campus, Ghaziabad, 24<sup>th</sup> June-3rd July 2020.
- Participated in the online Completed Faculty Development Programme of Two Weeks Faculty Development Programme on "MANAGING ONLINE CLASSES and CO-CREATING MOOCS:2.0" from May 18 - June 03, 2020, organized by Ramanujam college, University of Delhi
- Participated in International Summit on Women in STEM- “**Visualising the Future: New Skylines**”; on 23-24 January 2020, Jointly Organized by Department of Biotechnology and International Center of Genetic Engineering and Biotechnology at India Habitat Centre, Lodhi Road, Delhi
- Participated in National Conference on “ **Intellectual Property Rights: Challenges and Prospects**” on 22-23 October 2019, Organized by Department of Botany, Maitreyi College, University of Delhi, Delhi
- Participated in national workshop on “**Intellectual Property Rights (IPR)**” organized by Deen Dayal Upadhyaya College, University of Delhi, Delhi on 22<sup>nd</sup>-23<sup>rd</sup> August, 2019.
- Participated in National Conference on “ **Emerging Environmental Challenges and Sustainable Development**” EECSD-2018 on 21-23 March 2018, Jointly organized by Swami Shradhanand College, University of Delhi, Delhi and Society for Environment and Development, SED India, New Delhi, India
- Participated in “**National Conference on Challenges and Strategies to Improve Crop Productivity in Changing Environment**” on 12<sup>th</sup> January 2018, organized by Department Of Botany, Zakir Husain Delhi College, University of Delhi, Delhi, India.
- Participated in “**National Conference on Pharmacognosy: Scope of Phytochemically Unexplored Medicinal Plants 2017**” on 12<sup>th</sup> January 2017, organized by Department Of Botany, Zakir Husain Delhi College, University of Delhi, Delhi, India.

- Participated in “**INDIA INTERNATIONAL SCIENCE FESTIVAL 2016**” on 8-11 December 2016, during Young Scientists Conclave Held at CSIR- NPL, Delhi, India.
- Participated in “**1<sup>st</sup> Himalayan Conclave-2015**” on 9-10 September 2015, Organized by Institute of Bioresources and Sustainable Development in association with Department Of Botany, University of Delhi, Delhi, India, Himalayan Environmental Studies and Conservation Organization, India, Institute of Himalayan Bioresource Technology, India.
- Attended **International Conference on “Integrated Medicinal Plants with Forestry Sector”** on November 8-9, 2014 organized by National Medicinal Plants Board, Department of, AYUSH, Ministry of Health and Family Welfare, Govt. of India.
- Participated in **International Algal Summit “Algae for sustainable development.** Held at TERI University New Delhi, 21-22 February 2012.
- Participated in **24<sup>th</sup> Annual International Conference of NESA –New Delhi on Bioremediation and Environmental Management and Polar Science & Technology.** Held at Presidency College Kempapura, Hebbal, Bangalore-560024, 28<sup>th</sup> -29<sup>th</sup> December 2011.
- Participated in **7th Asia-Pacific Conference on Algal Biotechnology** Jointly Organized by Department Of Botany, University of Delhi, Delhi, India and Indian Phycological Society, New Delhi, India, December 1- 4, 2009, New Delhi – India.

#### Abstracts/Poster presentation/Oral Presentation

- **Verma, P.** and Kumar, G. Algal patents from India. National conference on “ Intellectual Property Rights: Challenges and Prospects” Organized by Department of Botany, Maitreyi College, University of Delhi, Delhi, Held on 22-23 October 2019.
- **Verma, P.,** Kumar, M. and Sahoo, D. Bioprospecting Algae as Potential Green Energy Resource. National Conference on “ **Emerging Environmental Challenges and Sustainable Development**” EECSD-2018 on 21-23 March 2018, Jointly organized by Swami Shraddhanand College, University of Delhi, Delhi and Society for Environment and Development, SED India, New Delhi, India.
- **Verma, P.,** Kumar, M., Kumar, D., Mishra, G. and Sahoo, D. Algae a Potential Food Resource in Changing Environment. “National Conference on Challenges and Strategies to Improve Crop Productivity in Changing Environment” on 12<sup>th</sup> January 2018, organized by Department Of Botany, Zakir Husain Delhi College, University of Delhi, Delhi, India.
- **Verma, P.,** Kumar, M., Kumar, D., Mishra, G. and Sahoo, D. Algae a Potential Bioresource for Fine. “National Conference on Pharmacognosy: Scope of Phytochemically Unexplored Medicinal Plants 2017” on 12<sup>th</sup> January 2017, organized by Department Of Botany, Zakir Husain Delhi College, University of Delhi, Delhi, India.
- **Verma, P.,** Mishra, G., and Sahoo, D. Algae a Potential Bioresource for nutraceutical and biofuel production. “**INDIA INTERNATIONAL SCIENCE FESTIVAL 2016**” on 8-11 December 2016, during Young Scientists Conclave Held at CSIR- NPL, Delhi, India.
- **Verma, P.** and Sahoo, D. Use of Seaweeds as Pulp for Paper Industry. International Algal Summit on “Algae for Sustainable Development” Jointly organized by Indian Phycological Society, New Delhi, India and The Energy and Resources Institute (TERI), New Delhi, India. 21-22 February 2012, New Delhi, India.
- **Verma, P.** and Sahoo, D. Paper making from seaweeds to combat climate change. 24<sup>th</sup> Annual International Conference of NESA –New Delhi on Bioremediation and Environmental Management and Polar Science & Technology. Held at Presidency College Kempapura, Hebbal, Bangalore -560024, 28<sup>th</sup>-29<sup>th</sup> December 2011.
- Kumar, S., **Verma, P.** and Sahoo, D. Occurrence of *Ceramium* sp. as epiphytes on some seaweeds of port Okha, Gujarat, India. 24<sup>th</sup> Annual International Conference of NESA –New Delhi on Bioremediation and Environmental Management and Polar Science & Technology. Held at Presidency College Kempapura, Hebbal, Bangalore -560024, 28<sup>th</sup>-29<sup>th</sup> December 2011.
- **Verma, P,** Chopra, V and Sahoo, D. Seaweed as a source of food to combat malnutrition in India. 7th Asia-Pacific Conference on Algal Biotechnology Jointly Organized by Department of Botany, University of Delhi, Delhi, India and Indian Phycological Society, New Delhi, India, December 1- 4, 2009, New Delhi, India.

#### Awards & Distinctions

- Certificate of appreciation for attending Guinness world records attempt for “Most people assembling sundial kits simultaneously online” organised by CSIR-NISTADS and Vijnana Bharati India at International Science Festival 2020 held on 22 December, 2020

- Certificate of appreciation for attending Guinness world records attempt for “Most people washing hands online simultaneously” organised by CSIR-NISTADS and Vijnana Bharati India at International Science Festival 2020 held on 23 December, 2020
- Certificate of appreciation for attending Guinness world records attempt for “Most people applying protective mask simultaneously online” organised by CSIR-NISTADS and Vijnana Bharati India at International Science Festival 2020 held on 24 December, 2020
- Volunteer member of Delhi University Botanical Society (DUBS) for the year 2014-15.
- Participated in the DUBS Quiz competition 2014-15 of Delhi University Botanical Society held at Department of Botany University of Delhi, Delhi.
- First prize: Inter college debate competition, Sri Venkateshwara college, University of Delhi, Delhi, India
- Recommendation prize: Inter college plant identification, Zakir Husain College, University of Delhi, Delhi, India.
- Held the position of Secretary of Botany Department, Zakir Husain College, University of Delhi, Delhi, India.
- Certificate of Merit, Botany Department, Zakir Husain College, University of Delhi, Delhi, India.

### Public Service/ University Service/ Consulting Activity

### Professional Societies Memberships

- Life Member of Indian Phycological Society
- Annual Member of Delhi University Botanical Society

### Projects (Major Grants / Collaborations)

#### Other Details

#### Webinars attended

- Participated in the International Seminar on “Ecosystem Restoration” held on 5<sup>th</sup> June 2021 organized by Geo-Crusaders: The Environmental Society, P.G.D.A.V. College & Department of Environmental Studies, P.G.D.A.V. College, University of Delhi
- Participated in One Day International Seminar on “We’re part of the Solution” to celebrate International Day for Biological Diversity held on 22nd May, 2021 by Department of Environmental Studies, P.G.D.A.V. College, University of Delhi
- Participated in the webinar series on “Intellectual Property Rights: creating value from intellect, innovation and invention”, organized by the Department of Botany, Maitreyi College, held from April 20 to April 24, 2021.
- Participated in the webinar on “IPRs in the Precinct of competition law: When a “Refusal to Deal” should be exempted in high technology markets” organized by Department of computer science in association with CPE, IQAC and Institutions Innovations council, St Thomas College, Thrissur held on 17th March 2021
- Participated in the webinar on “Intellectual Property Rights: Powerhouse for innovation and Economic Growth” organized by Department of computer science in association with CPE, IQAC and Institutions Innovations council, St Thomas College, Thrissur held on 16th March 2021
- Participated in the webinar on “Intellectual Property Rights in India and its Career Prospects” organized by Department of Botany, Maitreyi College, University of Delhi held on January 28, 2021.
- Participated in the “ Training sessions by ‘M-edu’ Professionals for effective functioning of e-office” organized by IQAC, Kalindi College, University of Delhi, Delhi on 11th June 2020
- Participated in the online webinar on “Ancient Indian Naming Systems” Organized by Department of microbiology, SRCASW, University of Delhi, Delhi on 8<sup>th</sup> June 2020.
- Participated in the online webinar on “Healthcare and Wellness” Organized by Department of microbiology, SRCASW, University of Delhi, Delhi on 8<sup>th</sup> June 2020.
- Participated in the online National Webniar entitled “ Data Analysis and Statistical Computing”;on 27<sup>th</sup> May 2020, Organized by Department of Statistics, Institute of Social Sciences, Dr. Bhimrao Ambedkar University, Agra
- Participated in the online webinar on “Emerging out a winner in lockdown” Organized by Department of Physics, Kalindi College, University of Delhi, Delhi on 14th May 2020.
