



# Miranda House

## UNIVERSITY OF DELHI

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Name: Dr. Elangbam Geetanjali

Department: Botany

Current Designation: Assistant Professor

Email id: elangbam.geetanjali@mirandahouse.ac.in

Academic Qualifications (reverse chronological order):

- |                        |      |   |
|------------------------|------|---|
| 1. M.Sc.<br>(Botany)   | 2006 | Delhi University  |
| 2. B.Sc.<br>(Botany)   | 2004 | Miranda House, University of Delhi                        |
| 3. 10 <sup>th</sup> +2 | 2000 | Board of Intermediate Education,<br>Andhra Pradesh, (BIE) |
| 4. 10 <sup>th</sup>    | 1998 | CBSE  |

Research Degree(s) (reverse chronological order):

|                |      |                  |
|----------------|------|------------------|
| Ph.D. (Botany) | 2013 | Delhi University |
|----------------|------|------------------|

Field of Specialization under the Subject/Discipline: Microbiology (Algae)



# Miranda House

## UNIVERSITY OF DELHI

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Total Teaching Experience: 8 years

Teaching at Miranda House since: 2015

List of Publications (reverse chronological order):  
(Articles in referred/peer-reviewed/UGC Care journals/ Books/Book Chapters)

1. Deepali and Elangbam, G.2021. Patent and Its Significance. In: Intellectual Property Rights: Challenges & Prospects. pp 84-96.
2. Elangbam, G and Deepali.2021. Trademarks And Its Importance. In: Intellectual Property Rights: Challenges & Prospects. pp 118-125.
3. Elangbam, G., Devi, S.S. and Sahoo, D. 2014. Screening of potential microalgae for the sequestration of carbon dioxide. *International Journal on Environmental Sciences*. 5(1): 17-23.
4. Elangbam, G., Mayanglambam, A. and Sahoo, D. 2014. Histochemical study on the impact of high carbon dioxide on *Kappaphycus alvarezii*. *Asia Pacific Journal of Research*. 1(XIV):43-51.
5. Sahoo, D. and Elangbam, G. 2014. Effect of carbon dioxide dioxide on the chloroplast ultrastructure of *Chlorella protothecoides* (Chorellaceae, Chlorophyceae). *International Journal on Environmental Sciences*. 5(1): 35-41.
6. Sahoo, D., Kumar, S., Elangbam, G., Devi, S.S., 2012b. Biofuel production from algae through integrated biorefinery. In: Cellular origin, life in extreme habitats and astrobiology new volume: *The Science of Algal Fuel, Springer*. pp. 217-230.
7. Sahoo, D., Elangbam, G. and Devi, S.S. (2012) Using algae for carbon dioxide capture and biofuel production to combat climate change. *Phykos*. 42 (1): 32-38.



# Miranda House

## UNIVERSITY OF DELHI

---

Research Projects (reverse chronological order):

1. Co-Project Director in the project “Ecological, Agricultural and Livelihood Sustainability: An Integrated Rural Development Study of Loktak Lake Manipur” funded by Mahatma Gandhi National Council of Rural Education (MGNCRE) Department of Higher Education, Ministry of Human Resource Development, Government of India 2021-22.

Membership Of Professional Bodies (reverse chronological order):

1. Life Member of Indian Psychological Society

Administrative Responsibilities (reverse chronological order):

1. Examination- Internal Assessment , Papers settings, Invigilation Duties, Practical and theory including external and internal examinership since 2012.
2. PRO work (Counselling) Extended Admission Committee 2016-17, 2020-21.
3. Extended Admission Committee 2017-18, 2019-20, 2021-22.
4. Staff Advisors to North East Society (2015-18), Botanical Society (2016-17) Life sciences (2017-18)
5. Convenor of Convenor of IBSD Miranda House Centre for North East Studies (2016-till date)
6. Convenor of North East Society (2019-21)

Invited talks/Session chair/Resource person (reverse chronological order):

5. Resource person to the IPR quiz competition, conducted as a part of student activities 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.



## **Miranda House** **UNIVERSITY OF DELHI**

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6. Judge to the IPR quiz competition, conducted as a part of student activities 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.
7. Resource person for the Bridge Course on Basic Laboratory Techniques organized by D.S.Kothari Centre for Research and Innovation in Science Education and Botany, Miranda House, University of Delhi from 05-09 August 2019.
8. Resource person for the “Workshop on Biofertilizers” organized by DBT Star College Scheme and Department of Botany, Miranda House, University of Delhi on 13 March 2019.
9. Resource person for the “Workshop on Biofertilizers” organized by DBT Star College Scheme and Department of Botany, Miranda House, University of Delhi on 08 November 2017.
10. Resource person for the “Workshop on Biofertilizers” organized by DBT Star College Scheme and Department of Botany, Miranda House, University of Delhi on 04 September 2017.
11. Resource person for the “Frontiers of research” organized by Vigzest 2017, The Life Sciences Festival Tricord, The Life Sciences Society, Miranda House, University of Delhi.
12. Resource person for the Bridge Course on Basic Laboratory Techniques organized by D.S.Kothari Centre for Research and Innovation in Science Education and Botany, Miranda House, University of Delhi from 05-06 September 2016.
13. Resource person for the Bridge Course on Basic Laboratory Techniques organized by D.S.Kothari Centre for Research and Innovation in Science Education and Botany, Miranda House, University of Delhi from 07-08 September 2016.
14. Resource person for the Bridge Course on Basic Laboratory Techniques organized by D.S.Kothari Centre for Research and Innovation in Science Education and Botany, Miranda House, University of Delhi from 12-16 October 2015.
15. Resource person for the Bridge Course on Basic Laboratory Techniques organized by D.S.Kothari Centre for Research and Innovation in Science Education and Botany, Miranda House, University of Delhi from 26-30 October 2015.



# Miranda House

## UNIVERSITY OF DELHI

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Conferences Organised (reverse chronological order):

1. Organized a panel discussion on food practices in the Northeast “Fire and Feasts”, to be held on October 2, 2021 at 2PM in collaboration with The Northeast Collective, Northeast Society Miranda House, North East Cell LSR, North-East Cell Hansraj College, and Northeast Society St. Stephen’s College.
2. Organized an Instagram Live Session on the 29th of August 2021 on the occasion of **National Sports Day**. Our discussion will revolve around the topic "**Sports culture and facilities in Northeast India: a critical analysis**" organised by Northeast Society Miranda House.
3. Member of the Organizing committee on one day National Seminar on "Innovation and Opportunities in Marine Bioresources & Biotechnology jointly organized by Marine Biotechnology Laboratory Department of Botany, University of Delhi & Cluster Innovation Centre (CIC), University of Delhi, held 21 August 2021.
4. Organized a webinar on "**Infrastructural Development and Potential Disaster Threat: A Case Study of North East India**" organised by Disaster Preparedness Team, Miranda House in collaboration with Northeast Society Miranda House on 13 February 2021 at 3 Pm.
5. Organized a webinar on Resource Politics: Its impact on the Agricultural system of Northeast India’ on 22 January, 2021 at 4 pm.
6. Member and Organizing committee for the two-week online certificate course on “Community outreach Programme: Together we can” held from 24 August-5 September 2020 organized by Unnat Bharat Abhiyan Cell, Miranda House, University of Delhi.



# Miranda House

## UNIVERSITY OF DELHI

---

7. Member of the Organizing committee in National Webinar on “Tinkering with plant genomes” organized by Department of Botany, Miranda House, University of Delhi on 6 July 2020.
8. Member of the Organizing committee in Workshop on Herbarium Techniques for B.Sc.(H) Botany students under the aegis of DBT Star College Scheme on 20 January 2020.
9. Member of the Organizing committee in Workshop for teachers of Botany on “Evolving Face of Microscopy: Magnifying lens to Nanoscope” organized by Department of Botany, Miranda House, University of Delhi on 11-12 December 2019.
  
10. Organized a webinar on "Reservation Policy and its implementation in Indian Universities." on 26th Sept, 2020 at 2pm.
  
11. One day seminar organized by North East Society in Collaboration with Equal Opportunity Cell, Miranda House on “Perspectives that matter” on 29 January 2020.
  
12. One day seminar organized by North East Society, Miranda House on “The Indigenous North East India and its Tribes” on 21 January 2020.
  
13. One day seminar organized by North East Society in Collaboration with IBSD Miranda House Centre for North East Studies during the academic event of “Leirang” on 21 February 2019
  
14. An outreach programme on women safety was organised by `National Commission for Women` in association with the Internal Complains Committee and the North East society on 28 August 2019.
  
15. In “Labour and Employment Issues in North East India, organized by IBSD Miranda House Centre for North East Studies, Miranda House, University of Delhi on 18 April 2017



# Miranda House

## UNIVERSITY OF DELHI

---

Seminars/Workshops/Conferences attended (reverse chronological order):

1. Participated in one day online event on “Intellectual Property Rights in Academics” organized by Research Committee in Collaboration with IQAC, Kalindi College, University of Delhi, on 30th September 2021
2. Participated in one day online event on "Let Food Be Thy Medicine" organized by Department of Biochemistry Shaheed Rajguru College of Applied Sciences for Women, University of Delhi, on 28th September 2021
3. Participated in the National Conference on “Realms of Plant Diversity: Explorations with Novel Perspective”, organized in virtual mode by the Department of Botany, Maitreyi College, on August 24, 2021.
4. Member of the Organizing committee on one day National Seminar on "Innovation and Opportunities in Marine Bioresources & Biotechnology jointly organized by Marine Biotechnology Laboratory Department of Botany, University of Delhi & Cluster Innovation Centre (CIC), University of Delhi, held 21 August 2021.
5. Participating 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.
6. Participated in the Webinar on “FLORICULTURE & TERRACE GARDENING”, organized by Mahatma Gandhi Institute for Combating Climate Change (Govt. of NCT of Delhi) Bakoli, Delhi-36 held on 07<sup>th</sup> AUGUST, 2020.
7. Participated in National Level Webinar on “Challenges and Opportunities during COVID 2019” organized by Department of Commerce and Management Seshadripuram First Grade College, Yelahank, Bengaluru on 3 July 2020.
8. Participated in International summit ISW-2020 on “International summit on Women in STEM- Visualizing the future: New Skylines” organized by Department of Biotechnology, ministry of Science and Technology, Government of India and International Centre for Genetic Engineering and Biotechnology, Delhi on January 23-24, 2020.



## **Miranda House** **UNIVERSITY OF DELHI**

---

9. Participated in Interdisciplinary National Conference on “Intellectual Property Rights: Challenges and Prospects” organized by Department of Botany, Maitreyi College, University of Delhi on October 22-23, 2019.
10. Participated in National Conference on “Challenges and Strategies to improve Crop Productivity in Changing Environment: An Integrated Approach” organized by Department of Botany, Zakir Hussain Delhi College, University of Delhi on January 12, 2018.
11. Attended 1<sup>st</sup> Himalayan Conclave organized by Institute of Bioresources and Sustainable Development (IBSD), Imphal, India, in Association with Department of Botany, University of Delhi and Institute of Himalayan Bioresource Technology on 9-10 September 2015.
12. Participated in National Workshop on Conservation and Sustainable Management of Sangai held at Institute of Bioresources and Sustainable Development (IBSD), Imphal, India, 16-17 April, 2015.
13. Attended 1<sup>st</sup> National Bioresources and Sustainable Development Summit-2015 held at Institute of Bioresources and Sustainable Development (IBSD), Imphal, India, 19-20 February 2015.
14. Attended Lignocellulose Biotechnology Consortium. 2<sup>nd</sup> one day International Symposium on Lignocellulose Biotechnology. Held at Department of Microbiology, University of Delhi, South Campus, New Delhi India, 12<sup>th</sup> December 2012.
15. Participated in Indo-German workshop on advanced material for future energy requirements held at Delhi University, Delhi, India 29<sup>th</sup> November-1<sup>st</sup> December 2012.
16. Member of the Organizing committee in International Algal Summit “Algae for sustainable development. Held at TERI University New Delhi, 21-22 February 2012.
17. Participated in 24<sup>th</sup> Annual International Conference of NESCA –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.
18. Participated in 7<sup>th</sup> 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.
19. Attended, International Conference on Applied Phycology.”Algae in Biotechnology and Environment” held at University of Delhi, Delhi, India, 14-15 February 2006.





## Miranda House UNIVERSITY OF DELHI

---

20. One-week online Faculty Development Programme on “Moving Towards New Normal through Effective Online Teaching” during 01<sup>st</sup> December -07<sup>th</sup> December, 2020. organized by Mahatma Hansraj Faculty Development Centre, A Centre of MoE, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from 01.12.2020 – 07.12.2020.
8. One Week Online Faculty Development Programme" (MHRD- PMMMNMTT and Ramanujan College) Transforming Lifestyle Through Yoga Darshan & Its Functional Modes (Inter Disciplinary & Bilingual) from 20th November 2020.
9. Dr. Elangbam Geetanjali attended two week online Faculty Development Programme on “Transformation in Higher Education: Issues and Road Ahead” organized by Mahatma Hansraj Faculty Development Centre, A Centre of MoE, Govt. of India under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) from 28.09.2020 – 12.10.2020.
10. Member and Organizing committee for the two-week online certificate course on “Community outreach Programme: Together we can” held from 24 August-5 September 2020 organized by Unnat Bharat Abhiyan Cell, Miranda House, University of Delhi.
11. Participated in Two weeks Faculty Development Programme on “Managing online classes and Co-creating MOOCs:2.0” being organized by Teaching Learning Centre, Ramanujan College, University of Delhi and sponsored by Ministry of Human Resources Development Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching from 18 May to 3 June 2020.
12. Member of the Organizing committee in National Webinar on “Tinkering with plant genomes” organized by Department of Botany, Miranda House, University of Delhi on 6 July 2020.
13. Member of the Organizing committee in Workshop on Herbarium Techniques for B.Sc.(H) Botany students under the aegis of DBT Star College Scheme on 20 January 2020.
14. Member of the Organizing committee in Workshop for teachers of Botany on “Evolving Face of Microscopy: Magnifying lens to Nanoscope” organized by Department of Botany, Miranda House, University of Delhi on 11-12 December 2019.



## **Miranda House** **UNIVERSITY OF DELHI**

---

15. Participated in Faculty Development Programme on “Agriculture, Health and Society” being organized by Mahatma Hansraj Faculty Development Centre (MHRFDC) and Department of Botany, Hansraj College, University of Delhi on 15-16 March 2019.
16. Attended a workshop on “An exposition of perishable products of North East and its challenges” organized by IBSD- KALINDI College Centre for Women Entrepreneurship in North East 6 March 2019
17. Participated in workshop on Catalyzing a Cultural Shift in Youth Entrepreneurship’ organized by at D S Kothari Centre for Research and Innovation in Science Education, Miranda House, University of Delhi on 9 May 2017.
18. Participated Orientation Programme (OR-89) held from 24th August 2017 to 21st September 2017 organized by Centre for Professional Development in Higher Education (CPDHE) UGC-HRDC, University of Delhi.
19. “workshop on active learning as a transformational tool for the University classroom” organized by at D S Kothari Centre for Research and Innovation in Science Education, Miranda House, University of Delhi on 15 May 2017.
20. Participated “Capacity Building workshop on e-content creation in Science” organized by Institute of Life Long Learning, University of Delhi on September 23, 2016.
21. Participated ‘workshop on Ethanobotany’ organized by Department of Botany, Hansraj College, University of Delhi on September 16-17, 2016.
22. Attended ‘workshop on Biofertilizers’ organized by Department of Botany, Zakir Hussain Delhi College, University of Delhi on July 14-16, 2016.
23. Participated as a facilitator and mentor at the ‘Experimental Workshop for Undergraduate Science Students-Flavor of Research: Investigative Projects in Multidisciplinary Contexts’ 01 June to 15 July 2016 at D S Kothari Centre for Research and Innovation in Science Education, Miranda House, University of Delhi.
24. Attended ‘Training the Trainers: IPR Workshop’ organized by Department of Botany, Miranda House (under the aegis of DBT Star College Scheme) in collaboration with MHRD IPR Chair (Technical), University of Delhi on 15 January 2016.



## Miranda House UNIVERSITY OF DELHI

---

25. Participated in the Social Activity “Self Defence Training for Women” Held at Acharya Narendra Dev College, University of Delhi from 18 March-2 April 2013 conducted by Delhi Police and organized by MIW Foundation with support of Supreme Infrastructure India Ltd.
26. Participated National Workshop on Marine Algae Cultivation and Utilization “Employment Potential and Business opportunities in Coastal states and Union Territories of India” Held at Bhubaneswar, Odisha, India from 27-28, February 2012.
27. Attended the Training Programme on fundamentals of FTIR and software operation held at CSC, Delhi Shimadzu Analytical (India) Pvt. Ltd. December 2-3, 2010.
28. Participated Second Training Programme on Seaweed Cultivation and Utilization. First National Workshop and Training Programme on *Porphyra* Cultivation and Processing in India. Held at Konkan Coast, Maharashtra, India from August 8-10, 2009.
29. Participated First Training Programme on Large Scale Seaweeds Cultivation and Processing for Livelihood Generation in Coastal States and Union Territories of India. Held at Chilika Lake, India. 5-7 January 2009.