RESUME

1. Name of the Applicant : Kanchan Sambhwani
2. Contact Address : C-163 Chandravardai Nagar, Ajmer 305003, Rajasthan Ph. 8849005385
   Email: kanchan000011@gmail.com
3. Languages Known : Hindi, English
4. Educational Qualification: M. Sc., Ph. D.
5. Blood Group : B+ve 6. Birth Date : 11/10/1990.

Educational Qualifications

Sr. No.	Degree	University/ Board	Year	Subjects	Class/Grade
1.	Ph.D	AcSIR (CSIR-CSMCRI)	2021	Biological Science	9.33 cgpa
2.	M.Sc.	Jai Narain Vyas University, Jodhpur Rajasthan	2015	Biotechnology	77.91
3.	B.Sc.	Jai Narain Vyas University, Jodhpur Rajasthan	2013	Biotechnology, Chemistry, Zoology	74.02

Ph. D. Title: "Biochemical and Molecular Characterization of sulphated polysaccharide yielding red seaweed".

Other Qualifications: CSIR NET JRF (in Life Science, Dec 2015),
GATE (in Biotechnology, 2016),
ARS NET 2015

Awards:

1. Best Poster Presentation at International Conference on Panorama of Life Sciences2020 (INCPLS-2020) on 28 January 2020.
2. Second position for the Oral Presentation at National Conference on Bioprospecting of Algae, August 1-2,2019
3. Best Poster Presentation at International seminar on Recent Trends and experimental approaches in Science, Technology and Nature: Chaptter-2 December 23rd & 24th, 2018.
4. Second position for Poster Presentation at National conference on prospects & challenges in field of applied zoology (LMCST) -2012

Publications

1. **Sambhwani K,** Modi J, Singhala A, Bramhabatt H, Mishra A, Mantri VA (2020) Analysis of functional traits in female gametophytic and tetrasporophytic life-phases of industrially important red alga *Gracilaria dura* (Rhodophyta: Gracilariacae). J Appl Phycol. 32(3):1961–1969
2. Mantri, V.A., Shah, Y., Balar, N., Chavda, K., Mavani, M., Kolhe, M., **Sambhwani, K**., Meena, R., Prasad, K., Kavale, M.G. and Thakur, R.S., 2021. Limited-scale field trial confirmed differences in growth and agarose characteristics in life-cycle stages of industrially important marine red alga Gracilaria dura (Gracilariales, Rhodophyta). J Appl Phycol 33(2), pp.1059-1070.
3. **Sambhwani K**, Kazi M A, Mishra A, Mantri V A. (2021) Chapter-3: Gracilaria: An emerging source of agar feedstock – with special reference to industrially important species in Seaweeds Vol-II: Food, pharmaceutical, and health applications by Springer, Nature, USA. (Accepted)
4. Kazi M A, **Sambhwani K**, Mishra A, Mantri V A (2021). Chapter-7: Transcriptome analysis: Implication in characterization of genes involved in biosynthesis of economically valuable products from seaweeds. Genetics and Genomics of Algae, by AAP/CRC Press, USA. (Accepted)

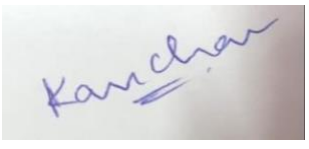
5. **Sambhwani K**, Kazi M A, Mishra A, Mantri V A. 2021. De novo transcriptome analysis of the industrially important agarophyte Gracilaria dura (Rhodophyta: Gracilariacae) revealed differential expression of genes in the gametophyte and sporophyte life-phases. (Under Submission)
6. **Sambhwani K**, Mathukiya G, Dawange P, Sequeira R A, Prasad K, Mishra A, Mantri VA 2021. Analysis of functional traits in *Gracilaria dura* (Rhodophyta: Gracilariacae) reveal variation in wild and farmed populations (Under Submission).

Papers/Posters Presented in Conference/Seminar Paper Presented

1. Life-cycle based farming, agarose characterization and developing bio-chemical and molecular markers in industrially important marine red alga
   Gracilaria dura (Gracilariales, Rhodophyta), Poster Presentation at International Conference on Panorama of Life Sciences-2020 (INCPLS-2020) on 28 January 2020.
2. Metabolite profiling of distinct life phases of industrially important red algae *Gracilaria dura*, Oral Presentation at National Conference on Bioprospecting of Algae, August 12,2019
3. Yield and quality enhancement of sulphated polysaccharides from red algae, Poster Presentation at International seminar on Recent Trends and experimental approaches in Science, Technology and Nature: Chaptter-2 December 23rd & 24th, 2018.
4. Study of production cost and biochemistry of distinct life phases of red algae Gracilaria dura, Oral Presentation at National Conference: Vistas in biodiversity, biology, biotechnology and nanotechnology of algae at Chennai on 20-22 September, 2018.
5. Benefits of Snake Venom, Poster Presentation at National conference on prospects & challenges in field of applied zoology (LMCST) -2012.

Declaration:

I hereby declare that the information furnished above is true to the best of my knowledge.
Thank you for your time and consideration. I would welcome the opportunity to discuss my qualification with you further.



Place: Ajmer
Date: 20/10/2022

Signature of the Applicant