

Curriculum vitae



- 1. Name** : Dr. **RAJAPRABU N**
- 2. Qualification** : M.Sc., Ph.D., PGDCI., DPE.,
- 3. Age and Date of Birth** : 31 Yrs, 09- 02- 1992
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- 8. Educational Profile**

Degree / Diploma Course	Academic Year	Recognized Board / University	Major Subject	Evaluation
Ph.D*.	2017 to 2022	Bharathiar University, Coimbatore, Tamil Nadu.	Botany (Biomedical Research in Lichenology)	First class (Core work)
PGDCI	2018-19	Bharathiar University, Coimbatore, Tamil Nadu.	Cheminformatics	First class with distinction
M.Sc.	2014-16	RKMV College for Men, (University of Madras), Chennai. Tamil Nadu.	Plant biology and Plant Biotechnology	First class with distinction
B.Sc.	2011-14	Pachaiyappa's College, (University of Madras) Chennai. Tamil Nadu.	Plant biology and Plant Biotechnology	Second class
ITI	2009-10	Government Industrial Training Institute, Ambattur, Chennai.	Plastic Processing Operator	First class with distinction
H. Sc.	2009-11	Sri Krishna Ayyar Higher Secondary School, Chinnamanur, Tamil Nadu.	Biology with Mathematics	Second Class
SSLC	2007	Sri Krishna Ayyar Higher Secondary School, Chinnamanur, Tamil Nadu.	State Board, Tamil Nadu	First class

9. Doctorate of Philosophy (Ph.D.)

Title of the Thesis	:	Studies on secondary metabolites of Lichens through <i>in vitro</i> and <i>in silico</i> validations
Field	:	Botany
Broad field	:	Biomedical research in Lichenology
Research Supervisor	:	Dr. P. Ponmurugan M.Sc., M.Phil., M.Tech., Ph.D.,
Contact details of the Supervisor	:	Associate Professor, Department of Botany, Bharathiar University, Coimbatore, Tamil Nadu, India
E mail and Phone Number	:	drponmurugan@gmail.com / ponmurugan@buc.edu.in +919865857816 / 0422 2428304
Official Fax	:	0422 2425706
Thesis Submitted on	:	28 th February 2022
Viva voce Examination Conducted in	:	10 th August 2022
Thesis evaluators	:	1. National Evaluator: Prof. Rama Sanker Verma , The Director, Motilal Nehru National Institute of Technology, Allahabad, Uttar Pradesh, India. 2. International Evaluator: Prof. Yoshihito Ohmura , Head of Division at National Museum of Nature and Science, Japan.
Recommendation of thesis after evaluation by the Reviewers	:	Highly Recommended
Awarded on	:	10 th August 2022

10. Research Experiences

Designation/ Position	Name of sponsoring agency and Ref. No.	Title of the Projects	Duration / Period	Status
Senior Research Fellow	ICMR - New Delhi. (Ref. No. 58/18/2015-TFV/BMS/ dated 23-02-2018)	Bioinformatics approach for inhibition of toxic action of Russel's viper venom PLA2 by Lichen compounds validated through Albino Wistar rats' model	15 th February 2018 to 14 th February 2021	Successfully Completed

11. Teaching Experience

Designation/ Position	Name of the Department	College / Institute	Affiliated / Autonomous	Duration / Period
Assistant Professor & Head	Microbiology	Mary Matha College (Co- Education), Periyakulam.	Affiliated by Madurai Kamaraj University, Madurai.	15 th June 2023 to till
Assistant Professor	Biotechnology	K. S. Rangasamy College of Arts and Science, Tiruchengode	Autonomous (Periyar University, Salem)	18 th January to 28 th April 2023

12. Other Industrial Experience

Designation/ Position	Industry	Organization	Location	Duration / Period
Branch Manager	Finance / Insurance	Bajaj Capital	Coimbatore and Chennai	July 2013 to March 2017
Branch Manager	Finance / Insurance	Reliance India Infotech	Chennai	July 2011 to June 2013
Customer Relationship Executive	Finance / Insurance	Reliance Capital	Chennai	August 2010 June 2011
Plastic Processor	Plastic Engineering	Anandha Enterprises	Chennai	December 2009 to June 2010

13. Designations in various Committees and Societies for Reviewer / Editorial member

Name of the Board	Type	Government/ Recognized body	Avail from
Phytospectrum	A Bi-annual Magazine	Bharathiar University, Coimbatore.	2018
Biodiversitas, Journal of Biological Diversity	Monthly Journal indexed in Scopus	Society for Indonesian Biodiversity and Department of Biology, FMNS, Universitas Sebelas Maret Surakarta.	2022

Asian Journal of Conservation of Biology	Quarter yearly Journal	Postgraduate Department of Zoology, Darrang College, Guwahati, Assam- 781006, India	2022
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14. Membership of Scientific Societies

Memorandum	Government/ Recognized body	Annual / Lifetime
182	Indian Lichenological Society, Lucknow, Uttar Pradesh, India.	Life Time
IUCN CEC	Reimagine Conservation Network	2021-2025
IUCN CEC	Youth Engagement and Intergenerational Partnerships Network	2021-2025
IUCN CEC	Nature Education for Sustainability Network	2021-2025
IUCN CEC	Nature For All Network	2021-2025
IUCN CEC	Commission Member - NatureForAll Network	2021-2025
IUCN CEC	Commission Member - Nature Education for Sustainability Network	2021-2025
IUCN CEC	Commission Member - Reimagine Conservation Network	2021-2025
IUCN CEC	Commission Member - Youth Engagement and Intergenerational Partnerships Network	2021-2025
IUCN CEC	Commission Member - South and Southeastern Asia	2021-2025
IUCN CEM	Commission Member - Young Professional	2021-2025
IUCN CEM	Commission Member - Mountain Ecosystems Specialist Group	2021-2025
IUCN CEM	Commission Member - Red List of Ecosystems Thematic Group	2021-2025
IUCN CEM	Commission Member - Forest Ecosystems Specialist Group	2021-2025
IUCN CEM	Commission Member - Biosphere Reserves Thematic Group	2021-2025
IUCN CEM	Commission Member - Climate Change and Biodiversity Policy and Practice Thematic Group	2021-2025
IUCN CEM	Commission Member - South Asia	2021-2025
IUCN CEM	Commission Member - Coastal and Marine Ecosystems Specialist Group	2021-2025

15. Contributions to Lichenology

Accession Library	Type	Name of the Organism	Accession Number(s)
CSIR-NBRI (LWG)	Lichenized fungi	Tamil Nadu Lichen flora	150 species
CSIR-NBRI (LWG)	Additions to the National Lichen Biota	Microlichens	5 <i>Taxa</i>
CSIR-NBRI (LWG)	Additions to the Regional Lichen Biota	Macro and Microlichens	25 <i>Taxa</i>
CSIR-NBRI (LWG)	Additions to the State Lichen Biota	Macro and Microlichens	10 <i>Taxa</i>

NCBI-GenBank	Endolichenic fungi	<i>Mucor fragilis</i> Bainier	MW322797.1
		<i>Xylaria curta</i> Fr.,	MW322756.1

16. Invited as Resource Person

Webinars:

- **Introduction on Lichens:** Department of Biotechnology, Satyabhama University, Chennai, Tamil Nadu, India.
- **Orphans of Nature: The Lichen.** VI Meeting of the Colombian Group of Lichenology - GCOL. Colombia.

17. Details of Trainings obtained

Training Programme	Institute / University	Details of the training	Duration
Internship	Trans Disciplinary University. Bangalore, Karnataka, India.	Basic and Applied techniques of Plant Molecular Biology	14 th July 2016 to 15 th December 2016
Workshop	Kamaraj College of Engineering and Technology, Viruthunagar, Tamil Nadu, India	Identification and Bioprospection of Lichens	18 th December 2017 to 22 nd December 2017
Workshop	Department of Botany, Bharathiar University, Tamil Nadu	<i>In vivo</i> and <i>In vitro</i> cultivation practices of lucrative Orchids	27 th October 2017
Workshop	Botanical Survey of India, Central regional Centre, Allahabad, Uttar Pradesh and Ministry of Environment, Forest and Climate Change and Botanical Survey of India, Allahabad	Lichen identification and Nomenclature	10 th and 11 th November 2017
Workshop	Nature Science Foundation, Coimbatore, Tamil Nadu	Summer Training Programme on Terrace Garden, Mushroom Cultivation, Jam and Squash, Organic Snacks Items, Bakery Items, Vermicompost, Bouquet Preparation	21 st May to 25 th May 2018

Training Programme	Institute / University	Details of the training	Duration
Herbarium Curation and Consultancy	CSIR- National Botanical Research Institute, Lucknow, Uttar Pradesh, India	Collection, Identification of Lichens and Herbarium preparation and maintenance	30 th June 2019 to 13 th July 2019
Workshop	Indian Lichenological Society & CSIR-NBRI, Lucknow, INSA, New Delhi, TNSCST and National Biodiversity Authority, Chennai, and Bharathiar University.	Identification, Bioprospecting and Conservation of Lichens	12 th and 13 th September 2019
Workshop	Department of Botany, PSG College of Arts and Science, Coimbatore, Tamil Nadu, India.	Recent studies on Lichens	09 th February 2020
Workshop	Botanical Survey of India, Howrah, Central National Herbarium, Bareilly, Uttar Pradesh, India.	National Workshop on Plant Identification and Herbarium Methodology	29 th October and 01 st November 2021
Faculty Development Programme	IUCN Commission on Ecosystem Management (CEM), Ministry of Earth Sciences, SIST, Chennai.	Faculty Development Programme on Sustainability, Conservation & Protection of Water Resources	22 nd to 26 th March, 2022

18. Details of Trainings obtained

Training Programme	Institute / University	Details of the training	Duration
Workshop	Sri Venkaramana Swamy College, Vidhygiri, Bantwal, Dhakshina Kannada, Karnataka, India sponsored by Indian National Academy of Sciences, New Delhi, The National Academy of Sciences, Allahabad and Indian Academy of Sciences, Bangalore, India	Science Academies' Virtual Workshop Evolutionary Synthesis: Insights into Some Interesting Phenomena	22 nd & 23 rd January, 2022

Training Programme	Institute / University	Details of the training	Duration
Workshop	Sri Venkaramana Swamy College, Vidhygiri, Bantwal, Dhakshina Kannada, Karnataka, India sponsored by Indian National Academy of Sciences, New Delhi, The National Academy of Sciences, Allahabad	Evolutionary Synthesis: Insights into Some Interesting Phenomena	22 nd & 23 rd January, 2022
Faculty Development Programme	Perspectives of Outcome Based Education (OBE) and NAAC Accreditation and organised by Internal Quality Assurance Cell of KSR College, Thiruchengode, Erode.	Sustainability, Conservation & Protection of Water Resources	24 th and 25 th January, 2023
Workshop	Col Dr. Jeppiaar Research Park Centre for Ocean Research & Department of Biotechnology Sathyabama Institute of Science and Technology in Association With Earth Science & Technology Cell Ministry of Earth Sciences	Training Programme on Proteomic and Genomic Techniques	27 th to 31 st March, 2023
Faculty Development Programme	Mary Matha College, Periyakulam, Theni.	Naan Muthalvan Programme on “AI Tools for Teaching and Learning”.	07 th to 14 th July 2023
Workshop	(NIFTEM-T) National Institute of Food Technology, Entrepreneurship and Management, Thanjavur, Tamil Nadu	Training Programme on PCR Technology	04 th August 2023

19. Programmes Participated/ Presented

Type of Programme	Sponsored by	Date
Science Academies Lecture Workshop on “Biodiversity and its conservation”	Indian Academy of Sciences, Bengaluru	17 – 18 th July 2017
Mass Cultivation of Biofertilizers and Biocontrol Agents	DBT, Ministry of Science and Technology, Government of India under Star College Scheme conducted by Department of Plant Biology and Plant Biotechnology, Women’s Christian College, Chennai, Tamil Nadu	09 th Sep 2015

Training Programme	Institute / University	Details of the training
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	06-08 th July 2017
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	20-22 nd July 2017
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	03-05 th August 2017
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	17-19 th August 2017
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	07-09 th September 2017
Faculty Development Programme on Entrepreneurship	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	06-21 st November 2017
Interdisciplinary National Conference	National Academy of Biological Sciences, Department of Science and Technology-SERB, DRDO, Indian National Science Academy, New Delhi and National Biodiversity Authority, Chennai.	07-08 th September 2017
Think Tank Initiation for Intellectual Property Rights Policy Implementation	Intellectual Property Rights Cell, Bharathiar University, Tamil Nadu	26 th and 27 th July 2017
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	03-05 th August 2017
Popular Series Lecture Programme	Department of Biotechnology, New Delhi	22 nd & 23 rd January 2018
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	06-08 th August 2018
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	20-22 nd August 2018
Entrepreneurship Awareness Camps	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	06-08 th September 2018

Refresher Course	Indian Academy of Sciences, Bengaluru, Karnataka	10-24 th September 2018
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20. Programmes Participated

Type of Programme	Sponsored by	Date
Introduction to 'R' Software for Statistical Analysis	Bharathiar School of Management and Nature Science Foundation, Coimbatore, Tamil Nadu	27 th and 28 th October 2018
Faculty Development Programme	Mahatma Gandhi National Council of Rural Education, Ministry of Human Resource Development, Government of India, Hyderabad	09 th to 13 th August 2019
Entrepreneurship Awareness Camp	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	07-09 th November, 2019
Entrepreneurship Awareness Camp	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	21-23 rd November 2019
Entrepreneurship Awareness Camp	Entrepreneurship Development Institute of India, Gandhi Nagar, Gujarat	05-07 th December 2019
'An Overview on the Degradation of Emerging Micro-pollutants by Ferrate (VI) Treatment' & 'Issues in Microplastics Research: Focusing on Analytical Methods'	Webinar conducted by The Department of Chemistry, Mizoram University, Aizawl, Mizoram, India	14 th May 2020
International Conference on Biodiversity Conservation and Tourism	Internal Quality Assurance Cell (IQAC), Department of Environmental Science & Department of Vocational Courses Joint Director Office, Higher Education, Konkan Region, Panvel and Shri. S. H. Kelkar College of Arts, Commerce and Science, Devgad, Dist. Sindhudurg, Maharashtra, India	17 th May 2020
National Webinar on Forest & Biological Diversity: Too Precious to Lose	Kalinga University, Chhattisgarh, India.	22 nd May 2020

International webinar on Co-VID 19-Science from Nature	Department of Life Sciences, Bhakta Kavi Narsinah Mehta University, Junagadh	05 th June 2020
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21. Programmes Participated/ Presented

Type of Programme	Sponsored by	Date
Webinar on Effective and Efficient Writing Research Paper for the Web of Science, Scopus indexed Journal and Conference Paper using Typeset Research Studio	Vatel Hotel & Tourism Business School and Library Resource Centre, Sushant University, Gurugam, India.	29 th May 2021
Webinar on "Stress and Anger Management Through Mindfulness"	Library Resource Centre, Sushant University and National Brain Research Centre, Ministry of Science & Technology, (Govt. of India) Manesar, India.	25 th June 2021
Webinar on Higher Education and immigration to Canada	Department of Mechanical Engineering, Sethu Institute of Technology, Kariapatti – 626115, Tamil Nadu, India.	23 rd July 2021
National Webinar on Taxonomy of Flowering Plant Families: An Approach	Kalinga University, Kotni (Village), Naya Raipur, Chhattisgarh	18 th September 2021
International Webinar on Plant Biodiversity: Past & Present	Bhagwantrao Arts and Science College, Etapalli, Gatchroli, India	30 th September 2021
International Webinar on Recent Trends in Autotrophic Cryptogam Research	Department of Ecology & Environmental Sciences, Assam University, Silchar, Assam and CSIR- National Botanical Research Institute and Indian Lichenological Society, Lucknow, Uttar Pradesh, India	07 th and 08 th October 2021
Edición Virtual VI Encuentro del Grupo Colombiano de Lichenología - GCOL	Universidad del Magdalena, Santa Marta, Colombia	11 th to 13 th November 2021

22. Technical Knowledge

- ❖ Identification of terrestrial and Marine Lichens.
- ❖ DNA Extraction, Purification and Sequencing analysis for Plants and lichens
- ❖ RAPD, RFLP, ITS Markers selection and used for multiple purposes
- ❖ Phylogenetic Tree construction.

Bioinformatic tools and Software programmes

- ❖ R Program
- ❖ Q-GIS
- ❖ MS-Office 2019
- ❖ Macro-micro molecules, micro-micro molecules Docking and characterization analysis
- ❖ MegaX
- ❖ PyMol

Instrumental techniques

- ❖ Chromatographic techniques (TLC)
- ❖ HPLC
- ❖ GCMS
- ❖ ICP-MS
- ❖ RT-PCR
- ❖ Blotting techniques (Southern, Western and Northern Blottings)
- ❖ GEL Dock
- ❖ UV Spectrometer and
- ❖ Microscopic techniques and cell cycle analysis by using imaging analysis techniques.

23. Interesting Fields for future collaboration

- Lichen and Fungal Biology and Systematics
- Microbiology, Animal biology
- Molecular Biology, Bioinformatics and Genetic Engineering
- Bioprospection, and characterization.
- Ecology and Conservation
- Biotechnology & Pharmacognosy

24. Awards and Honours

1. **Maximum Lichen Sample Collector** on “NALANDA-2017: Faculty Development programme on Lichen Biology and Bioprospecting” organized by Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhu Nagar, Tamil Nadu, India.
2. **Best Paper Award** on CRTMMT-2019: Contemporary Research trends in Mycology and Mycotechnology, Mother Teresa Women's University, Kodaikanal, Tamil Nadu, India.

25. Publications

Published Research articles in National/ International Journals

1. **Rajaprabu, N.,** Siva Sankar, C., Eswara Moorthi D., and Ponmurugan P. (2023). *Cladonia furcata* (Huds.) Schrad: A squamulose Lichen (Ascomycota) record for Southern Indian Lichen Biota from Cloud Mount (Megamalai), India, *Mycobiology*, (In Press).
2. **Rajaprabu, N., & Ponmurugan, P.** (2023). Extraction and purification of bioactive metabolites from cryptogamic lichens and their biopotential evaluation for pharmaceutical applications. *Journal of the Science of Food and Agriculture*, (In Press).
3. **Rajaprabu, N., & Ponmurugan, P.** (2023). Taxonomic distribution and a few additions to the lichen biota from Tamil Nadu, Republic of India. *Biologia*, (In Press).
4. **Rajaprabu, N., & Ponmurugan, P.** (2023). *In silico* analysis of a potential anti-diabetic lichen metabolites against diabetic type II receptor 6AK3. *South African Journal of Botany*. (In Press).
5. **Rajaprabu, N., & Ponmurugan, P.** (2023). A new buellioid button lichen (*Amandinea submontana*) from southern India. *Turczaninowia*. (In Press)
6. **Rajaprabu, N., & Ponmurugan, P.** (2022). Phorophyte specificity of lichen community, with ecological taxation in Suruli watershed, Southern Western Ghats. *Asian Journal of Conservation Biology*. 11(1). 66-76. <https://doi.org/10.53562/ajcb.69756>
7. **Rajaprabu, N., & Ponmurugan, P.** (2022). A new record of bloodstain lichen (*Haematomma*) from Southern Western Ghats to the Indian biota. *Feddes Repertorium*. 133 (2): 122-127. <https://doi.org/10.1002/fedr.202100023>
8. **Rajaprabu, N., Ponmurugan, P., & Mishra, G. K.** (2021). A new record of pyrenocarpous lichen to the Indian biota. *Journal of Threatened Taxa*, 13(1), 17607-17610. <https://doi.org/10.11609/jott.6885.13.1.17607-17610>
9. Seles, J. M., Kalidoss, R., Arunprasath, K., Mariraj, M., Shenbagam, M., **Rajaprabu, N., & Ponmurugan, P.** (2021). Nutritional and biological assessment of native versus broiler chickens and estimating of Tri IODO thyronine in chicken muscle GC-MS methods. *Uttar Pradesh journal of zoology*, 42(6), 81-89.

10. Prakash, P., Chanakya, B., **Rajaprabu, N.**, Shobana, N., Uthralakshmi, P., Saigeetha, S & Antony, V. S. (2022). Evaluation of Antioxidants, Antidiabetic, Antiinflammatory active Compounds from *Leptogium rivurale* Through *In-Vitro* and *In-Silico* Studies. *Letters in Applied NanoBioScience*. 11(4), 4192-4200. <https://doi.org/10.33263/LIANBS114.41924200>

26. Book chapters/ Abstracts

1. **Rajaprabu N.**, and Ponmurugan P., (2023). An Introduction to Diabetes drug Discovery in biomedical industry through Artificial Intelligence, Using Lichens' Secondary Metabolites. **In**. *Chapter. 3. Marvels of Artificial and Computational Intelligence in Life Sciences*. Bentham Science Publishers, Singapore, pp. 22-43. ISBN: 978-981-5136-80-7, <https://doi.org/10.2174/97898151368071230101>
2. **Rajaprabu N.**, and Ponmurugan P., (2023). Mangrove Lichens: Environmental Impact of the Economically Important Thallophyts, **In**. *Chapter.1. Biodiversity & Conservative Research*, AkiNik Publications, New Delhi, India, pp. 01-11.
3. Kalidoss, R., Mariraj, M., Shenbagam, M., Seles, J. M., Prasath, K. A., **Rajaprabu, N.**, & Ponmurugan, P. (2020). Anti-microbial and Antioxidant Properties of Solvent Extract of Lichen Species Collected from Kodaikanal Hills, Western Ghats of Tamil Nadu. **In**: *Phytomedicine* CRC Press, Taylor and Francis, ISBN: 9781000058130, 1000058131, pp. 53-61.
4. **Rajaprabu N.**, Hariharan. M., Vignesh. M and Muthukumaran, M. 2017. Diversity and role of Macro algae in the coastal areas of Tamil Nadu, **In**: *Life Science: Research, Practices and application for sustainable development*. Ponmurugan, P. *et al.* (Eds), MacMillan Publishers, New Delhi, India, pp. 291-299.

27. Paper Published in Conferences / Seminars / Symposia

1. **Rajaprabu N.**, Ponmurugan, P., Marimuthu Ramar, Kalimuthu Kovendan, Kadarkarai Murugan. (2017). Green Synthesis of Silver nanoparticles using *Gomphrena globosa* against dengue vector, *Aedes aegypti*” at a Vector Borne diseases – Formidable challenges at Ayya Nadar Janaki Ammal College, Sivakasi, Tamil Nadu, India on 29th and 30th June 2017.
2. **Rajaprabu, N.**, Kalidoss, R., Arun Prasath, K., Mariraj, M., Shenbagam, M. and Ponmurugan, P. (2017). “Diversity of lichens and its prospects” at an international conference on Biosciences and Bioinformatics organized by Bharathiar University, Coimbatore, Tamil Nadu during 14-16 December 2017.

3. Kalidoss, R., **Rajaprabu, N.**, Arun Prasath, K., Mariraj, M., Shenbagam, M. and Ponmurugan, P. (2018). A survey of lichen species in Kodaikanal hills of Western Ghats, India at a conference on Science and Humanities for grooming the future organized by Bharathiar University, Coimbatore, Tamil Nadu during 7-9th February 2018.
4. Kalidoss, R., **Rajaprabu, N.**, Arun Prasath, K., Mariraj, M., Shenbagam, M., Karthik, N. and Ponmurugan, P. (2018). Antimicrobial and antioxidant properties of extracts of lichen species collected from Kodaikanal hills, Western Ghats of Tamil Nadu at an International Conference on Phytomedicine organized by Bharathiar University, Coimbatore, Tamil Nadu, India during August, 29th to 31st 2018.
5. Deepika, N., Kalidoss, R., **Rajaprabu, N.**, Arun Prasath, K., Mariraj, M., Shenbagam, M., Damini, D. P. and Ponmurugan, P. (2018). Lichen diversity of Sirumalai hills, Tamil Nadu, India at a National conference on Biodiversity and its Conservation-Priorities and challenges organized by Bharathiar University, Coimbatore, Tamil Nadu during March 12th and 13th 2018.
6. Shenbagam, M., Kalidoss, R., Mariraj, M., Arun Prasath, K., **Rajaprabu, N.** and Ponmurugan, P. (2019). Nutritional and antimicrobial characterization of some lichen species collected from Kodaikanal hills of Tamil Nadu, India at a National seminar on 'Bioprospecting of biodiversity for agriculture and medicine' organized by Bharathiar University, Coimbatore, Tamil Nadu during 3rd and 4th October 2019.
7. Kalidoss, R., Merlin Seles, J., Shenbagam, M., Mariraj, M., Arun Prasath, K., **Rajaprabu, N.**, and Ponmurugan, P. (2019). Chemical analysis for identification of some lichen species at a national seminar on 'Bioprospecting of biodiversity for agriculture and medicine' organized by Bharathiar University, Coimbatore during 3rd and 4th October 2019.
8. Kalidoss, R., Merlin, J., Arun Prasath, K., Mariraj, M., Shenbagam, M., **Rajaprabu, N.** and Ponmurugan, P. (2019). Detection of antimicrobial, radical scavenging activities of acetone extracts of foliose and fruticose lichens at smart applications for Environmental Quality Assessment and Promoting Health Care System using Internet of Things organized by Anna University, Chennai, Tamil Nadu during 28th and 29th August, 2019.
9. Kalidoss, R., Arun Prasath, K., Mariraj, M., Shenbagam, M., **Rajaprabu, N.**, Karthik N and Ponmurugan, P. (2019). Antimicrobial and antioxidant properties of solvent extract of lichen species collected from Kodaikanal hills, Western Ghats of Tamil Nadu at a National Conference on 'Personalized medicine & nutrition – An insight' organized by Anna University, Chennai during 14th & 15th February 2019.

10. Kalidoss, R., Arunprasath, K., Mariraj, M., Shenbagam M., **Rajaprabu, N** and Ponmurugan, P. (2019). Mass culture of mycobiont *Parmotrema austrosinense* to produce lecanoric acid and screening its antimicrobial, antioxidant properties at international conference on contemporary Research trends in Mycology and Mycotechnology organized by Mother Teresa Women's University, Kodaikanal, Tamil Nadu during 27th and 28th January 2019.
11. Kalidoss, R., Ponmurugan, P., Karthik, N., Arun Prasath, K., Mariraj, M., Shenbagam M. and **Rajaprabu, N.** (2020). Assessment of malnutrition among tribal children at Maruthamalai hills of Coimbatore district in Tamil Nadu at Women empowerment through Education and Primary Health Care Programme organized by PSGR Krishnammal College for Women, Coimbatore, Tamil Nadu during 6th of February 2020.
12. Kalidoss, R., Arun Prasath, K., Mariraj, M., Shenbagam, M., **Rajaprabu, N.**, Karthik N and Ponmurugan, P. (2020). List of species identified from commercially available lichen packet sold in supermarket in Tamil Nadu at a One Day Seminar on “Recent Scenario in Phytochemistry and Pharmacological Application” organized by Bharathiar University, Coimbatore, Tamil Nadu during 20th January 2020.
13. **Nagaraj Rajaprabu.** (2023). Exploring Algae and Bacterial Symbiosis across Diverse Lichen and Cyano-lichen Varieties in Tamil Nadu, India, presentation in the International Conference on: Food, Feed, Fuels and Fine Chemicals – ICA-F4'23 during September 6th to 8th, 2023 at National Repository for Microalgae and Cyanobacteria, organized by Bharathidasan University, Tamil Nadu, India.

28. Books Edited and Published

Duty of the Book	Title	Publisher	Year of Publication
Writer, Editor & Designer	யார் தம்மர்	In Progress	In Progress
Writer, Editor & Designer	Lichens of Tamil Nadu	In Progress	In Progress
Writer, Editor & Designer	Biomedical and Biotechnological applications of Lichens	In Progress	In Progress
Writer, Editor & Designer	பூஞ்சைப்பாசி: இயற்கையின் கொடை	In Progress	In Progress

Writer, Editor & Designer	வளமும், தளமும் புஞ்சைப்பாசி: ஓர் ஆய்வு	In Progress	In Progress
Editor & Designer	சுவாசிக்கும் பூக்கள்	பயணம் பதிப்பகம், சென்னை, தமிழ் நாடு	December 2020
Editor & Designer	Personality Development and Body Language (ISBN 978-81-943848-8-5)	Indian University Press, Chennai, Tamil Nadu, India	January 2020
Editor & Designer	உடல் மொழியால் ஆளும் திறனை வளர்ப்பது எப்படி (ISBN 978-81-943848-7-8)	பாரதி புத்தகாலயம், சென்னை, தமிழ் நாடு	January 2020
Editor & Designer	தாவரங்கள் பேசுகின்றன (ISBN 818446938-1)	விஜயா பதிப்பகம், கோயம்புத்தூர், தமிழ் நாடு	January 2018
Editor & Designer	தெரிந்து கொள்ளுங்கள் (ISBN 818446929-2)	விஜயா பதிப்பகம், கோயம்புத்தூர், தமிழ் நாடு	January 2018

29. References

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30. Declaration

I hereby declare that the above particulars of facts and information stated are true, correct, and complete to the best of my belief and knowledge.

Date : 26 October 2023

Station : Tamil Nadu, India.

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