

PROFILE



I. PERSONAL

Name : Dr.R.Rajeswari
DateofBirth : 01.10.1980
MaritalStatus : Married
Nationality : Indian
OfficeAddress : Professor Department of Biotechnology,
P.S.R Engineering College (Autonomous)
Sevalpatti (po),
Sivakasi – 626 140, Tamilnadu State.

PermanentAddress : 599 Venkateshnagar Fourth Street,
Kovilpatti –628502.
Tamilnadu.

Email : rajeswari@psr.edu.in

PhoneNo. : +91-98400 92005

II. EDUCATIONAL QUALIFICATIONS

| Name of the Degree | Specialization | Year of Passing | Name of the College/ University |
|---------------------------|-----------------------|------------------------|--|
| Ph.D. | Biochemistry | 2019 | Bharathidasan University,Trichy. |
| M.Phil | Biotechnology | 2005 | Bharathidasan University,Trichy. |
| M.Sc | Biochemistry | 2003 | Maharaja College for Women, Perundurai. |
| B.Sc | Biochemistry | 2001 | Government Arts and Science College for Women, Krishnagiri. |

III. ACADEMIC EXPERIENCE

| Sl.No. | From | To | No. of Years | Position/Title | Institution/Industry Name |
|--------|---------------|---------------|--------------|--------------------------------------|--|
| 1 | December 2004 | Till Date | - | Associate Professor in Biotechnology | P.S.R Engineering College (Autonomous), Sivakasi. |
| 2 | July 2003 | December 2004 | 1.4Yr | Lecturer in Biotechnology | Harur Muthu Arts and Science college for Women, Harur. |

| Name of the College / Institute | Designation | Joining Date | Reliving Date | Experience | | |
|--|---------------------|--------------|---------------|------------|----------|----------|
| | | | | Year | Month | Days |
| P.S.R Engg College (Autonomous), Sivakasi | Associate Professor | 27.12.2004 | Till date | 16 | 11 | 8 |
| Harur Muthu Arts and Science college for Women, Harur. | Lecturer | 02.07.2003 | 24.12.2004 | 1 | 4 | 24 |
| Total Experience | | | | 18 | 4 | 2 |

IV. RESEARCH

Google Scholar

h index : 2

I10index : 0

No of Citations:10

V.PUBLICATIONS

<https://scholar.google.com/citations?user=XShcMMgAAAAJ&hl=en>

JOURNALS:

1. **R. Rajeswari** and K. Jeyaprakash “Phytochemical Characterization and invitro antioxidant efficacy of *Sarassum wightii*, World Journal of Pharmaceutical Research, Vol.5(8), 2016.
2. **R. Rajeswari** and K. Jeyaprakash “Biopotential Effects of Seaweeds for Neurological Disorders – Mini Review, World Journal of Pharmacy nad Pharmaceutical Sciences, Vol.6(12) 2017.

3. **R. Rajeswari** and K. Jeyaprakash “Analysis of Biogenic Molecules in SargassumWightii Extract using Gas Chromatography – Mass Spectrometry, Journal of Chemical and Pharmaceutical Sciences, Vol.11(2), 2018.
4. **R. Rajeswari** and K. Jeyaprakash, “In Silico Screening of Neuroprotective Activity Of 9, 12, 15-Octadecatrienoic Acid, Hexadecanoic Acid And 3, 7, 11, 15-Tetramethyl-2-Hexadecen-1-Ol Against Monoamine Oxidase A (Mao-A) accepted in Journal of Computational and Information System.
5. **R. Rajeswari** and K. Jeyaprakash, Neurprotective activity of Sargassumwightii against neurotoxicity induced cell death on an in vitro human neuroblastoma model, international Journal of Pharmaceutical research, 2019.
6. **R. Rajeswari** and K. Jeyaprakash, Bioactive potential analysis of brown seaweed Sargassumwightii using UV-Vis and FT-IR, 2019, 9(1);150-153.
7. Subramanian K, Rajeswari R, Jemima Romela CV, Production of healthy and nutritive yogurt paneer cake using natural falvours, International Journal of Food Science and Nutrition, 2021, Vol.6(1),
8. V.Karthik, P.Selavakumar, P.Senthilkumar, Dai-Viet N. Vo, M.Gokulakrishnan, P.Keerthana, V.TamilElakkiya and **R.Rajeswari**, Gaphene-based materials for environmental applications: a review, Environmental Chemistry Letters, 2021, 19; 3631-3644.

VI. Patents Filed /Published

1. Patent titled ““Develop a clinical tissue paper using *Hypnea muciformis* copper nanoparticles”” in Patent office, Chennai. (Application Number: **202141004620**).

VII. Awards/ Recognitions

- Produced 100% results in the courses handled.
- Received Cash prizes for publishing research articles in reputed journals.
- Organized various workshops, seminars for the students.
- Appointed as a Management Representative for ISO Auditing.

VIII. Participation as Resource Person for delivery of special lectures

| Sl. No. | Title of Programme | Organizing Institute | Level (International/National) |
|---------|---|--------------------------------------|--------------------------------|
| 1 | STTP on “Interpersonal skills of Best Behavioral Teachers” 19 th to 24 th October, 2020. | P.S.R. Engineering College, Sivakasi | National |

IX. FDP Participated/ Organized

| Sl. No. | Title of Programme | Organising Institute | Duration | Level (International/National) | Participated/ Organized |
|---------|---|--|---|--------------------------------|-------------------------|
| 1. | Biomaterials and Tissue Engineering | Bhupat and Jyoti Mehta School of Biosciences, Indian Institute of Technology, Madras | 27 th Nov 2021 | National Symposium | Participated |
| 2. | Accreditation Framework | Internal Quality Assurance Cell of Christ Nagar College, Maranalloor, Trivandrum. | 31 st to 7 th September 2021 | National FDP | Participated |
| 3. | Advanced Materials for Future Science | Jeppiaar Engineering college, Chennai. | 06 th to 13 th September 2021 | National FDP | Participated |
| 4. | Usage of Auto Dock for Molecular Modelling and Drug Designing | P.S.R. Engineering College, Sivakas | 06 th & 7 th August 2021 | National Workshop | Participated |
| 5. | Fermentation Technology & Biochemical Engineering | Jeppiaar Engineering College, Chennai. | 02 nd to 06 th August 2021 | National Workshop | Participated |

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| 6. | Contemporary Teaching Pedagogy for Innovative and Experiential Learning | Sunbeam Womens College Varuna, Varanasi. | 14 th to 24 th July 2021 | National FDP | Participated |
| 7. | Nutraceuticals: Basics & Beyond | Bannari Amman Institute of Technology, Sathyamangalam, Erode. | 12 th to 16 th July 2021 | National FDP | Participated |
| 8. | Certificate Course in Bioinformatics (CCBI) | Center for Faculty Development (CFD) of AIB, Tirupattur. | 01 st to 28 th June 2021 | National FDP | Participated |
| 9. | Food Safety and Food Biotechnology | School of Life Sciences (SLS), B.S. Abdur Rahman Crescent Institute of Science & Technology (BSACIST) | 07 th June 2021 | International Workshop | Participated |
| 10. | Impact on Climatic Changes in the Marine Ecosystem | K.R.College of Arts & Science, Kovilpatti. | 11 th June 2021 | National Webinar | Participated |
| 11. | Industrial Spirulina Production Technology | Ayya Nadar Janaki Ammal College, Sivakasi. | 02 nd June 2021 | National Webinar | Participated |
| 12. | Ecological Restoration - A Need | School of Environmental Sciences, | 05 th June 2021 | National Webinar | Participated |

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| | for Future | Bharathidasan University, Tiruchirappalli. | | | |
| 13. | Climate Smart Benefits of Bamboo to Protect the Environment | Guru Nanak College (Autonomous), Velachery, Chennai. | 05 th June 2021 | National Webinar | Participated |
| 14. | Covid-19 & Environment | MNR Degree & PG College (PG Campus), Kukatpally. | 05 th June 2021 | National Webinar | Participated |
| 15. | An Angel Warriors with a Stethoscope | PG & Research Department of Commerce, Sakthi College of Arts and Science for Women, Oddanchatram. | 01 st June 2021 | National Webinar | Participated |
| 16. | Challenges and its precaution of Pandemic Viral Disease | M.R.Govt. Arts College, Mannargudi. | 04 th June 2021 | National FDP | Participated |
| 17. | Career Planning & Job Prospects in Biotechnology | New Prince Shri Bhavani Arts and Science college, Medavakkam, Chennai. | 06 th June 2021 | National Workshop | Participated |
| 18. | Stem Cell and its Therapeutic Applications | Ayyanadar Janaki Ammal College, Sivakasi. | 04 th June 2021 | National FDP | Participated |

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| 19. | Vaccine Technology-COVID-19 | Sathyabama Institute of Science and Technology, Chennai. | 31 st May 2021 | National Webinar | Participated |
| 20. | Documentation Practices in the Bio Pharma Industry: A brief Overview | Karunya Institute of Technology and Sciences, Coimbatore. | 26 th May 2021 | National Seminar | Participated |
| 21. | Importance of Biological Diversity | Lakireddy Bali Reddy College Of Engineering, Mylavaram. | 22 nd May 2021 | National Webinar | Participated |
| 22. | Innovations in Bio and Chemical Engineering for Sustainable Life | Kalasalingam Academy of Research and Education, Krishnankovil. | 20 th & 21 st May 2021 | National Conference | Participated |
| 23. | Reigniting the Research-Spark: Exploring New Methodologies and Perspectives | St. Xaviers College(Autonomous), Mumbai. | 15 th to 20 th March 2021 | National FDP | Participated |
| 24. | Synthetic Biology | Bharathiar University, Coimbatore. | 14th to 18th December 2020 | National FDP | Participated |
| 25. | Synthetic Biology | Madurai Kamaraj University | 30th to 04th December 2020 | National FDP | Participated |
| 26. | Isolation and Structural Characteristic of Novel Gangliosides | Sathyabama Institute of Science and Technology, India and MAHSA | 16 th and 17 th July 2020 | International Conference | Participated |

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| | from Temnopeuridaee chnoidGonads with Investigation on their Mouth And Breast Anticancer Properties | University, Malaysia. | | | |
| 27. | Emerging Trends in Applied Sciences and Technology | Noorul Islam Centre for Higher Education, Kumaracoil. | 28 th February 2018 | National Conference | Participated |
| 28. | Biotechnology: Towards Sustainable Future | P.S.R Engineering College, Sivakasi. | 1 st and 2 nd February 2018 | International Conference | Participated |
| 29. | Mushroom Cultivation | Selvam Arts and Science College, Namakkal. | 28 th September 2015 | National | Participated |
| 30. | Mushroom Cultivation, Application and Commercializati on | P.S.R.Engineering College, Sivakasi. | 03 rd February 2015 | State | Participated |
| 31. | Emerging Trends in Biochemical Engineering | TEQIP II, Government College of Technology, Coimbatore. | 02 nd to 08 th December 2013 | National | Participated |
| 32. | Instructional Design and Delivery System | NITTTR, Chennai. | 22 nd to 26 th April 2013 | | Participated |
| 33. | Biodiesel: A Green Fuel from | Government College of | 11 th November 2013 | International | Participated |

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| | the Dross of Earth | Technology, Coimbatore. | | | |
| 34. | Cancer Classification using Microarray Gene Expression Data | Bannari Amman Institute of Technology, Sathyamangalam. | 20 th and 21 st July 2012 | National | Participated |
| 35. | Advances in Medicinal Plant Biology and Toxicology | PRIST University, Thanjavur. | 21st and 22nd June 2012 | National | Participated |
| 36. | Wipro Mission 10X | Wipro Technologies | 24th to 28th April 2012 | National | Participated |
| 37. | Industry and Institute Interaction | K.S.R.College of Technology, Tiruchengode. | 22 nd and 23 rd December 2011 | National | Participated |
| 38. | Value Added Teaching and Learning | P.S.R. College of Education, Sivakasi. | 16 th and 17 th December 2011 | National | Participated |
| 39. | New Frontiers in Biotechnology | Adhiyamaan College of Engineering, Hosur. | 24 th and 25 th August 2011 | National Seminar | Participated |
| 40. | Recent Trends in Bio Products | Kamaraj College of Engineering and Technology, Virudhunagar. | 25 th and 26 th February 2011 | National Conference | Participated |
| 41. | Greening Food Processing Sector for Sustainable Safe Food Supply | Indian Institute of Crop Processing Technology, Thanjavur. | 30th and 31st October 2010 | International | Participated |
| 42. | Gel Documentation | AyyaNadarJanaki Ammal College, | 01st October 2010 | State | Participated |

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| | and Gel Analysis | Sivakasi. | | | |
| 43. | Computational Challenges in Molecular Biology | Kalasalingam University, Krishnankoil. | 26th to 30th May 2008 | State | Participated |
| 44. | Human DNA Finger Printing and Basic Tools in Bioinformatics | P.S.R.Engineering College, Sivakasi. | 17th to 22nd December 2007 | State | Participated |
| 45. | Current Trends and Innovative Techniques in Biotechnology | P.S.R. Engineering College, Sivakasi. | 16th to 29th January 2006 | National | Participated |
| 46. | BioXplore'06 | Vivekanandha College of Engineering for Women, Tiruchengode. | 17 th and 18 th February 2006 | National Seminar | Participated |
| 47. | Biotechnology Update for Teachers / Researchers | Dr.G.R.Damodara n College of Science, Coimbatore. | 7 th to 9 th July 2004 | National Seminar | Participated |
| 48. | Emerging Trends of Biotechnology in Health Sciences | Dr.NGP Arts and Science College, Coimbatore. | 11 th and 12 th February 2002 | National Seminar | Participated |

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