

CAUVERY COLLEGE FOR WOMEN
(AUTONOMOUS)
STAFF PROFILE

PERSONAL INFORMATION

1. Name : **Dr.R.RAMESHWARI**
2. Date of Birth : 05.04.1982
3. Address :

Residential	Office
Flat No : F2, Rayol Denizen, 36, Pattabiraman St, Tennur Tiruchirapalli – 620 017.	Assistant Professor & Head Department of Biotechnology Cauvery College for Women (Autonomous) Tiruchirappalli – 620 018.

ACADEMIC INFORMATION

4. Designation & Department: Assistant professor & Head
Department of Biotechnology

5. Educational Qualification:

Degree	Year	College/University
B.Sc.,	2002	V.V.Vanniaperumal College For Women, Virudhunagar.
M.Sc	2004	Manonmaniam Sundaranar University, Tirunelveli
M.Phil	2007	Bharathidasan University, Trichy.
Ph.D	2020	Bharathidasan University, Trichy.

6. Researcher ID :

Google Scholar ID: cZFROvYAAAAJ&hl

Orcid id : 0000-0003-1432-9563

Vidwan ID : 174580

Web of Science ID : https://clarivate.com/webofsciencegroup/solutions/web-of-science-my-research-assistant/?utm_source=owned&utm_medium=banner&utm_campaign=My_Research_Assistant_App_Parent_SAR_Global_2021&utm_content=publons-referral

Mendeley ID :

https://service.elsevier.com/app/answers/detail/a_id/21582/supporthub/mendeley/p/16077/

Publon :

https://service.elsevier.com/app/answers/detail/a_id/21582/supporthub/mendeley/p/16077/

7. Experience :

Date of Joining	Institution	Year of Experience
17.06.2005	Cauvery College for Women, Trichy.	18 Years 9 Months

8. Areas of Specialization: Environmental Biotechnology**9. Languages known :** English, Tamil**10. Subjects Taught :**

UG	<ul style="list-style-type: none"> ➤ Cell Biology ➤ Molecular Biology ➤ rDNA Technology ➤ Plant Biotechnology ➤ Microbial Biotechnology ➤ Bioprocess Technology ➤ Bioinformatics
PG	
MI.Phil	

11. Research Supervision:

	Thesis Completed	Pursuing
M.Phil		
P.hD		

12. Funded Research Projects

- ❖ **Principal Investigator**, UGC Sponsored Minor Research Project (01.04.2014 to 31.03.2016): Led a research project titled "Low-Cost Production of Biodegradable Polymer (Polyhydroxyalkanoate) using Oil Contaminant as Substrate," securing a grant of Rs. 3.75 lakhs from the University Grants Commission (UGC).
- ❖ **Co-Investigator**, Cauvery College for Women Sponsored Seed Money Research Grant (2021 to 2022): Collaborated on a research project focused on "Bioprospecting of Herbal Metal Nanoparticles Synthesized from *Evolvulus alsinoides* Targeting Swarmer Cells of Pathogenic Biofilm from Wound: A Nature-Based Approach," securing a grant of Rs. 15,000.
- ❖ **Principal Investigator**, Cauvery College for Women Sponsored Seed Money Research Grant (2022 to 2023): Led a research project on "Green Synthesis of Silver Nanoparticles using *Annona muricata* Plant Extract and Study their Anticancer Activity," securing a grant of Rs. 20,000.

13. Details of Publications:

- ❖ **Rameshwari R**, Abirami H, Catharin Sara. “**Pharmacological Actions of *Bacopa monnieri* – A Review.** “ International Journal of Pharmacy & Industrial Research., 3(2), 2013, 158- 167. ISSN:2231-3656. (**Impact Factor – 0.29**).
- ❖ **Rameshwari R** , Abirami H. “ Antibacterial Activity Of *Gracillaria Edulis* (Gmelin) Silva From Tuticorin South East Coast Of India”. International Journal of Recent Scientific Research., 4 (6), 2013, 931 - 932 . ISSN: 0976-3031 (**Impact Factor –5.114**)
- ❖ Abirami, H, **Rameshwari, R.** “Antibacterial And Antifungal Screening Of *Sesuvium Portulacastrum* Extracts Against Leather Contaminating Organisms.” **International Journal of Current Research.**, 5(06), 2013, 1376-1377. ISSN: **0975-833X** .
- ❖ **Rameshwari, R** and Meenakshisundaram, M. “A Review On Bacterial Polyester-Polyhydroxyalkanoate” . **International Journal of Recent Scientific Research.** Vol. 4, Issue, 11, pp.1781-1788, November, 2013. ISSN: **0976-3031** .
- ❖ **R. Rameshwari** and M. Meenakshisundaram. “A Review On Downstream Processing Of Bacterial Thermoplastic - Polyhydroxyalkanoate”. **International Journal of Pure and Applied Bio Sciences.**, 2 (2): 2014, pp - 68-80. ISSN: **2320 – 7051** .
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Characterisation of PHA accumulating *Bacillus* sp associated with petroleum and diesel oil contaminated soil using traditional techniques in **International Journal of Advanced Research** (Vol 3, Iss 4 , pp 226- 232, 2015) ISSN – 2230 – 5407.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Microbiological and physicochemical Analysis of petroleum and diesel oil contaminated samples from motor mechanic workshop in Trichy city, Tamilnadu, India in **Journal of Environmental Science, Computer science, Engineering and Technology** (Vol 4, Iss 3 , pp834 - 842, June 2015) ISSN – 2278 –179X.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Counts of indicator Bacterial Assemblages and concentrations of trace metal and physicochemical analysis of oil contaminated polluted water and sediment samples from automobile garage in Tiruchirapalli city, India in **International Research Journal of Environmental Sciences** (Vol 4, Iss 10 , pp87 - 94, October 2015) ISSN – 2319 –1414.
- ❖ M.Meenakshisundaram, M. Pramila and **R.Rameshwari**. Isolation and Screening

of Biosurfactant- Producing Bacteria from Uyyokondan River, Tiruchirappalli District, Tamilnadu in **International Journal of Advanced Research** (Vol 4, Iss.1, pp 107- 176, 2016) ISSN – 2230 – 5407.

- ❖ **Rameshwari, R** and Meenakshisundaram, M. Isolation, Screening and Characterisation of Polyhydroxyalkanoate producing Bacteria from oil Contaminated site in **International Journal of Life Sciences Scientific Research** (Vol 2, Iss 2, pp 16-21, March 2016) ISSN : 2455 -1716.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Isolation, purification and Characterisation of PHB producing strains from dairy industry effluent in *Research Journal Animal Husbandry and Dairy Science*. Vol 9, Iss 1, pp 14-19.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Isolation, purification and Characterization of PHB producing organisms from sugar industry effluent. *International Journal of Research and Analytical Reviews*. 2018. Vol 5, Iss 4, pp 1515– 1521.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. Isolation, purification and Characterization of PHB producing organisms from sago industry effluent. *Asian Journal of Multidimensional Research*.2019. Vol 8, Iss 6, pp 168 – 175.
- ❖ **Rameshwari, R** Ilamthy P, Uma Maheswari R, Keerthiga M. *In vitro* studies on characterization of polyhydroxybutyrate. *International Journal of Botany Studies*. 2021. Vol. 6, Iss. 5. pp 1021-1026.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. 2021. Non – steroidal ecdysteroid agonist, methoxyfenozide (RH-2485) arrests hatching and yolk protein degradation in silkworm *Bombyx mori* L. *International Journal of Entomology Research*. Vol 6. Iss. 6, pp 166- 173.
- ❖ **Rameshwari, R** and Meenakshisundaram, M. 2022. Microplastics : Distribution, Isolation, Detection and Effects on Flora and Fauna – A Mini Review. *World Journal of Environmental Biosciences*. Vol 1, Issue. 4, pp 1-8.
- ❖ **Rameshwari, R** and Keerthiga, M. 2023. A Review on *Annona muricata* and its medicinal applications in *Research Journal of Agricultural Sciences*. Vol 14, Issue. 05, 2023 pp 1218-1226.
- ❖ **Rameshwari, R** and Keerthiga, M. 2023. Analysis of the Biological impacts of Nanomaterials on silkworm *Bombyx mori* : A Brief review in *International Journal of Zoological Investigations*. Vol, 9, No 2, pp 886-895.

14. Details of Papers Presented:

Date & Venue	Name of the Seminar	Paper Name
--------------	---------------------	------------

Department of Biotechnology, Bharathidasan University, Trichy -24. (Date November 28-29, 2008).	National Conference on Environment Science and Technology,	Presented a paper on Effect of non steroidal ecdysteroid agonist (RH-2485) arrests hatching and yolk protein degradation in <i>Bombyx mori</i>
Cauvery College For Women, Trichy – 18. (Date 17 -18, 2012).	National Seminar on Prospects and Retrospects in Microbial Technology	Presented a poster entitled “Global Warming – A Threat to Mankind”
Cauvery College For Women, Trichy – 18. Date 17 -18, 2012	National Seminar on Prospects and Retrospects in Microbial Technology	Presented a poster Bioremediation – A Solution for Mitigated Sites”
Nehru Memorial College (Autonomous), Puthanampatti- 7. Date August 8-9, 2013	CSIR Sponsored “ National Seminar on Frontiers In Biotechnology	Presented a paper entitled “ A Study on Multilevel Microalgae Production”
Jamal Mohamed College, Trichy. (Date February 25th , 2015	One day National Level Seminar on “ Recent Trends in Life Sciences	Presented a paper entitled “Characterisation of PHA accumulating Bacillus sp

15. Details of Fellowships

- ❖ **Summer Faculty Research Fellowship Programme:** Attended a Summer Faculty Research Fellowship Programme at Indian Institute of Technology, New Delhi from May 16, 2023, to July 14, 2023, demonstrating dedication to research and academic enrichment.

16. Details of Seminars / Conferences / Workshops Attended:

- ❖ Attended a **two day workshop on “Hands of training on animal cell culture”** held at Jamal Mohamed College, Trichy. (Date March 14-15, 2008).
- ❖ Attended a **Ten days workshop on Molecular Methods in Bioresources Conservation for sustainable Development** sponsored by Department of Biotechnology, GOI, New Delhi held at St.Joseph’s College, Trichy. (Date 12 – 25th November 2008.).
- ❖ Attended a **Three days skill skill based training programme** on “e – LITERACY” held at Cauvery College For Women, Trichy -18. (Date August, 18 -20, 2011).
- ❖ Attended a **Three days Science Academies’ Lecture Workshop on “Thrust Areas in Life Science”** held at Cauvery College For Women, Trichy -18. (Date Jan 31- Feb 2,2013).

- ❖ Attended a **One Day State Level Workshop on “Pharmacognostical**

- Screening of Medicinal Plants'** organized by St.Joseph's College (Autonomous), Trichy – 2 on March 4th, 2013.
- ❖ Attended a **Five days DST Sponsored Summer Science camp for School Children (INSPIRE)** held at Cauvery College for Women, Trichy -18. (Date July 31- August 4,2013).
 - ❖ Attended a **Three days Science Academies' Lecture Workshop on "Advances In Biology"** held at Cauvery College For Women, Trichy -18. (Date September 10-12, 2014).
 - ❖ Attended a **Two days workshop on Indian Council of Medical Research (ICMR) Sponsored Lecture Workshop on "Need Based ValueAdded Research proposal Writing"** held at Nehru Memorial College (Autonomous), Puthanampatti- 7. (Date September 25 – 26, 2014).
 - ❖ Attended a **Three days Science Academies' Lecture Workshop on "Frontiers in Life Sciences"** held at Nehru Memorial College (Autonomous), Puthanampatti- 7. (Date March 3 – 5, 2016).
 - ❖ Attended a **Two days Science Academies' Lecture Workshop on "Current Developments in Biology, Biotechnology & Evolution"** held at Cauvery CollegeFor Women, Trichy -18. Date September 26-28, 2016).
 - ❖ Attended a **Two days Science Academies' Lecture Workshop on "Modern Trends in Biology"** held at Cauvery College for Women, Trichy -18. Date September 21-22, 2017).
 - ❖ Attended a **Two days Science Academies' Lecture Workshop on "Emerging Vistas in Plant Sciences"** held at Nehru Memorial College (Autonomous),Puthanampatti- 7. (Date March 18 – 19, 2017).
 - ❖ Attended a **Two days Science Academies' Lecture Workshop on "Advances in Biosciences"** held at Cauvery College for Women, Trichy -18. Date September 28- 30, 2018).
 - ❖ **Three Days Online Workshop on "Reference Management Tools and OnlineCitation Database"** on April 19-21, 2020, Indian Academic Research Associations. (Virtual).
 - ❖ **National Level Workshop on "Making e-Lecture Vibrant & Interactive"** on May 23, 2020, Rajiv Gandhi College of Arts & Science, Maharashtra. (Virtual).
 - ❖ **Three days National Level Workshop on "DNA Barcoding"** on May 22 – 24, 2020 Department of Biotechnology, Islamiah College (Autonomous), Vaniyambadi.(Virtual).
 - ❖ **National Level Workshop on IPR – Patents and Design Process** Organized by Islamiah College (Autonomous), Vaniyambadi and Rajiv Gandhi National Institute of Intellectual Property Management, Nagpur on December 2, 2021.

- ❖ National Level Workshop on **“Torching the role of Mangroves to the Beneficiaries for the Enrichment of Marine Fishery Resources”** organized by CAS in Marine Biology, Annamalai University, Parangipettai on February 2, 2022.
- ❖ Attended a **Two days Science Academies’ Lecture Workshop on “Thrust Areas in Biosciences”** held at Cauvery College for Women, Trichy -18. Date February 22-23 2022).
- ❖ Attended a **“Seminar on Modern Trends in Biosciences”** organized by Department of Biochemistry and Microbiology , Yadava College, Madurai on March 13-14, 2002.
- ❖ Attended a **one day state level seminar on “Ethics of Biotechnology”** conducted by Flora and Manonmaniam Sundaranar University, Sri paramakalyani Centre for Environmental Sciences , held on 10th August, 2002, at Alwarkurichi. 2.
- ❖ Attended a **National Symposium on “Prospects and Retrospects in Microbial Technology”** held at Cauvery College For Women, Trichy – 18. (Date 17 -18, 2012).
- ❖ Attended a **National Seminar on “Cutting Edge Microbial Research & Challenges”** held at Department of Microbiology, School of Life Sciences, Bharathidasan University, Trichy – 24. (Date February 25 -26, 2013).
- ❖ Attended a **CSIR Sponsored “ National Seminar on Frontiers In Biotechnology”** held at Nehru Memorial College (Autonomous) , Puthanampatti- 7. (Date August 8-9, 2013).
- ❖ Attended a **International Conference on “New Vistas in Life Sciences”** held at Holy Cross College (Autonomous), Tiruchirapalli -2. (Date September 2018).
- ❖ Attended a Online Course for teachers on **“Digital Class Room”** on April 13-14, 2020, Computational Intelligence Research Foundation, Chennai.
- ❖ Attended a Webinar on **“Research Collaborations for Quality Research”** on May 4,2020, Sri GVG Visalakshi College for Women, Udumelpet.
- ❖ Attended a Webinar on Employability enhancement webinar Series titled **“Career Opportunities and Intellectual Property Rights”** on May 8, 2020,Bharathidasan University, Tiruchirappalli.
- ❖ Attended a Webinar on **“Digital Tools for E.content Development”** May 9, 2020 Department of Computer Science, J.K.K.Nataraja College of Arts and Science, Kumarapalayam.

- ❖ Attended a **International E-conference on “Strategies and Challenges in higher education during COVID 19 lockdown period in India with reference to the world”** on May 15-17,2020, Government Vidarbha Institute of Science and Humanities,Amravati.
- ❖ Attended a **Four Days Online International E Conference 2020 on “Novel Biotechnological Approach to Sustain in Pandemic Scenario”** on May 18-21,2020
- ❖ , Department of Biotechnology and Research, SNMV College of Arts and Science, Coimbatore.
- ❖ Attended a Webinar on **“Environmental Forensics”** on May 19-21,2020 Department of Environmental Biotechnology, School of Environmental Science,BharathidasanUniversity, Tiruchirappalli.
- ❖ Attended a **International Conference on “Gut Brain – Health Connections**, organized by the Department of Studies in Microbiology, Karnataka State OpenUniversity, Mysuru in Collaboration with Department of Microbiology and Fermentation Technology, CSIR- Central Food Technological Research Institute, Mysuru 28- 29, 2021.
- ❖ Attended a online Workshop on **“Effective Pedagogical Tools and Techniques for improved Learning outcomes”** organized by Department of chemistry & IQAC, ShriVyankatesh Arts, Commerce & Science College, Deulgaon Raja on May 11, 2022.

17. Details of Seminars / Conferences / Workshops Organized:

- ❖ **Organizing Committee Member**, State Level Workshop on "Intellectual Property Rights" (Sep 26 – 27, 2019)
- ❖ **Coordinator**, Science Academies Lecture Workshop on "Thrust Areas in Biosciences" (February 22 – 23, 2022)
- ❖ **Coordinator**, RGNIPM Sponsored Online Workshop on "Intellectual Property Rights – Patents and Design Filing" (June 24, 2022)
- ❖ **Faculty Coordinator**, MANAV Scientific Reading and Comprehension Self-Assessment Module (September to October 2021)
- ❖ **Convener**, One Day Workshop on "Molecular Docking" (September 6, 2023)
- ❖ **Organizing Secretary**, One Day Workshop on "Setting-up and Working Procedure of Integrated Recirculating Aquaponics and Hydroponics" (September 8, 2023)
- ❖ **Coordinator**, Science Academies Lecture Workshop on "Recent Advances in Plant Genomics" (April 1-2, 2024)

18. Details of Orientation / Refresher Course Attended:

- ❖ Completed a Science Academies Education Program Virtual **Refresher Course on “Recent Scenario in Microbiology and Biotechnology** organized by PG and Research Department of Biotechnology, Srimad Andavan Arts and Science College (Autonomous), Trichy on December 9 -22, 2021.
- ❖ Completed the **AICTE – ISTE approved Orientation/Refresher Programme on “E-Content Development”** on January 10 – 15, 2022 organized by Technique Polytechnic Institute, Hooghly, West Bengal.

19. Details of Shortterm Course/ Online Course Completed

- ❖ Completed a **RUSA Sponsored online short term course on “Coastal Biodiversity”** on April 15 – 21, 2021 conducted by University Grants Commission, Human Resource Centre, University of Mumbai
- ❖ Completed a **Swayam NPTEL course on “Biochemistry”** on Jan-Apr 2020 semester.
- ❖ Attended a **21day online Summer Training Course on “Advances in Life Sciences”** on March 29 – April 18, 2020, PG & Research Department of Zoology, Jamal Mohamed College (Autonomous), Tiruchirappalli.
- ❖ Completed a **Swayam NPTEL course on “Experimental Biotechnology”** on July-Dec 2022 semester.

20. Details of Study Materials / Books/Book Chapter written and published:

- ❖ Published book chapter entitled “Top five pathogenic bacteria in plant pathology” in the title of the book “Algal, Fungal and Microbial Research” ISBN 978-81-966376-3-7. Genic Book Publishers Pvt., Ltd, Agra, 2023.
- ❖ Published book chapter entitled “Importance of Symbiotic Relationships in Plants” in the title of the book “Parasitic Associations” ISBN 978-93-6261-9044 Blur Rose Publishers, India.

21. Details of Chairing as Resource Person:

- ❖ **Faculty Coordinator:** Coordinated the MANAV Scientific Reading and Comprehension Self-Assessment Module from September to October 2021.
- ❖ **Judge:** Served as a Judge for the "31st National Children’s Science Congress–2023, Offline, Exhibition" organized by Nehru Memorial College (Autonomous), Puthanampatti on 25.11.2023.
- ❖ **Judge:** Also acted as a Judge for the "Identifying young scientists" event organized by

Vellore Institute of Technology on 06.01.2024.

22. Administration Positions held in the College:

- ❖ **Head, Department of Biotechnology, Cauvery College for Women, Trichy (2019 – August 2021 – till date).**
- ❖ **Supporting Staff for Criterion I for AQAR and SSR Manual Preparation .**
- ❖ **Value Added Course Coordinator (From 2021 to Till date)**

23. Details of In-Charge / Membership in Committees for Autonomous:

- ❖ Member IQAC
- ❖ Member in Research Advisory Committee
- ❖ Member in Library Committee
- ❖ Member in Admission Committee

24. Details of In-Charge / Participation in Extracurricular Activities:

(NSS, NCC, Sports, Games, Voluntary Association and Cultural Activities):

25. Details of Participation in Consultancy, Training, Development etc:

- ❖ Acted as **Judge** for “**31st National Children’s Science Congress–2023**, Offline, Exhibition” organized by Nehru Memorial College (Autonomous), Puthanampatti on 25.11.2023.
- ❖ Acted as **Judge** for “**Nalliya Vigyani**”, organized by Vellore Institute of Technology on 06.01.2024.
- ❖ Acted as a **Mentor** for the NPTEL online certification course “Ecology and Environment” for the semester July – December 2023
- ❖ Acted as a **Mentor** for the NPTEL online certification course “Forest and Their Management” for the semester Jan - April 2023

26. Details of Membership in Academic Bodies/ Board of Studies and Reviewer Details:

- ❖ **Member, Board of Studies**, UG & PG Biotechnology Board, Bharathidasan University, Trichy from 01.10.2021

27. Details of Membership of Professional Bodies:

- ❖ Life time Member - Yale Biotech Club.
- ❖ Life time Member - Indian Institute of Sustainable Development.
- ❖ Life time Member - International Association for Urban Climate.

28. Details of Faculty Development Programme Attended:

- ❖ Participated in **Two Weeks Faculty Development Programme on “Managing Online Classes and Co creating MOOCS”** on April 20 – May 6, 2020 , Teaching Learning Centre, Ramanujan College, University of Delhi
- ❖ Participated in **“Two days FDP on “Virtual Teaching”** on April 29-30, 2020. Coimbatore Institute of Technology, Coimbatore.
- ❖ Participated in **Six day International Virtual faculty development program on “impact of education- post COVID 19”** on May 11-16,2020, Sri Ramakrishna College of Arts and Science, Coimbatore.
- ❖ Participated in **FDP on “creating perpetual changes in students”** on May 17,2020, Sri Meenakshi Government Arts and Science College for Women, Madurai.
- ❖ Participated in **FDP –National Webinar (Live interactions) on “E- Learning and MOOCs in higher education and new roles of teacher”** on May 18,2020, Sri GVG Visalakshi College for Women, Udumelpet.
- ❖ Participated in **“Five day Online Faculty Development programme on “Evolution from offline to online Teaching”** organized by Satish Pradhan Dnyanasadhanaa College, Thane & Department of Information Technology, University of Mumbai on May 30 – June 3, 2020.
- ❖ Participated in **Five Days Faculty Development on “Moodle Learning Management System”** organized by Mannar Thirumalai Naicker College, Madurai offered by Spoken Tutorial Project, IIT, Bombay on June 06 – 10, 2020.
- ❖ Participated in **National Level Faculty Devloment programme on “Future of Examinations : Bloom’s Taxonomy and Multiple Assessment Tools”** conducted by G.T.N.Arts College (Autonomous), Dindigul on 08.06.2020.
- ❖ Participated in **Oneweek online Faculty Development program on “Emerging Trends, Issues and Challenges in Next Generation Technology”** organized by Faculty of Engineering and Technology, Rama University, Kanpur on July 20-24,2020.
- ❖ Participated in **FDP on “Free and open access resources for teaching, learning and research”** on May 20,2020 Sri Adichunchanagiri Womens College, Cumbum.
- ❖ Participated in FDP on **“Online “Five Days International Faculty Development Programme On Nanomaterials”** Organized on November 23-27, 2021 Department of Physics, St.Mary’s College (Autonomous), Thoothukudi.

- ❖ Participated in the **Training of Trainers on 21st Century Skills Education** organized by Department of Humanities & Social Sciences and Department of Management studies, National Institute of Technology, Tiruchirapalli on March 17-19, 2022.
- ❖ Participated in the **8 day National level Online Faculty Development Program on Research Methodology using chat GPT and AI Tools** organized by PG Department of Computer Applications, The Internal Quality Assurance Cell (IQAC) and Lincoln University College Marian Research Centre, Marian College Kuttikanam, The Kerala State Council Higher Education Council (KSHEC) on September 21-29, 2023.

29. Country visited:

30. Any other information if any:

- ❖ Received the "**Best Paper Presentation Award**" for the paper titled "Characterization of PHA Accumulating Bacillus sp Associated with Petroleum and Diesel Oil Contaminated Soil Using Traditional Techniques" at a one-day National Level Seminar on "Recent Trends in Life Sciences" held at Jamal Mohamed College, Trichy.
- ❖ Received the "**Best Poster Presentation Award**" for the poster titled "A Study on Multilevel Microalgae Production" at the CSIR Sponsored "National Seminar on Frontiers in Biotechnology" held at Nehru Memorial College (Autonomous), Puthanampatti-7.
- ❖ Qualified in the **TNSET 2016 Examination**.
- ❖ Appointed as a **Board of Studies Member** at Bharathidasan University, Trichy, for the B.Sc. & M.Sc. Biotechnology Board, serving a three-year term starting from October 1, 2021.
- ❖ Recognized as a **Research Advisor** for guiding research works of candidates in biotechnology under the regulations of Bharathidasan University, demonstrating expertise and mentorship abilities.
- ❖ Served as a **Faculty Coordinator** for the "MANAV Scientific Reading and Comprehension Self-Assessment Module (for students)" conducted by Project MANAV– The Human Atlas Initiative and the Project Executed by Indian Institute of Science Education and Research (IISER), Pune from September to October 2021.
- ❖ **Qualified in Internal Auditor Training** on QMS Std ISO 9001:2015 conducted on February 24 & 25, 2020, at Cauvery College for Women.
- ❖ Served as a **Mentor for the Bioreactor** course from NPTEL, July – December 2021.
- ❖ Served as a **Mentor for the “Cellular Organization, Division, and Processes”** course from NPTEL, January - April 2022.

- ❖ Served as a Mentor for the "Experimental Biotechnology" course from NPTEL, July - December 2022.

16S rRNA Sequences Deposited in NCBI

S. No	Accession	Organisms
1	KU512626	<i>Bacillus cereus</i>
2	KU512627	<i>Bacillus megaterium</i>
3	KU512628	<i>Pseudomonas putida</i>

