

**Name : Dr. V.Ananthi**  
**Designation : Assistant Professor**  
**Department : Microbiology**  
**Date of joining : 08.07.2024**  
**Phone :9442592584**  
**Email : [ananthyeswaran@gmail.com](mailto:ananthyeswaran@gmail.com)**  
**[ananthi@americacollege.edu.in](mailto:ananthi@americacollege.edu.in)**



#### QUALIFICATION

- 2022 Post Doctorate Fellow in Molecular Biology at Madurai Kamaraj University, Madurai.**
- 2019 Doctor of Philosophy in Energy Science- Microbiology at Alagappa University, Karaikudi.**
- 2009 Master of Philosophy in Microbiology at PRIST University, Tanjavur.**
- 2007 Master's degree in Microbiology at Thiagarajar College, Madurai Kamaraj University, Madurai.**
- 2005 Bachelor's degree in Microbiology at Nadar Saraswathi College, Madurai Kamaraj University, Madurai.**

#### ORGANIZATIONAL EXPERIENCE

<b>Feb 4, 2022 – Feb 3, 2024</b>	<b>Madurai Kamaraj University</b>	<b>Post - Doctoral Fellow</b>
<b>Nov7, 2019- February 03, 2022</b>	<b>PRIST University, Madurai campus</b>	<b>Assistant Professor</b>
<b>Jan 4, 2012 - Nov 5, 2019</b>	<b>Thiagarajar College, Madurai</b>	<b>Assistant Professor</b>
<b>February 7,2011- January 2,2012</b>	<b>Aravind Eye hospital, Madurai</b>	<b>Microbiologist</b>
<b>Sep 2007- March 2008</b>	<b>Hajee Karutha Rowther Howdia College, Uthamapalayam</b>	<b>Lecturer</b>

#### Research publications \* (in ISBN / ISSN numbered Journals and Books)

<b>S. No.</b>	<b>Publications</b>	<b>Published (In Nos.)</b>
1.	Books	1
2.	Book Chapters	6
3.	Refereed International Journals	22
4.	Refereed National Journals	3
5.	Publications in conference	4

	proceedings	
6.	Invited Lecture	4
7.	Conference presentation	
	International	9
	National	2
8.	Workshops / Trainings Undergone	41
9.	Journals reviewed	4 (Elsevier – Process safety and Environmental protection)

#### Projects Guided (Annexure I - enclosed)

S. No.	Experience in guiding research students	Awarded (in figures)	Under submission (in figures)	In progress
1.	M. Phil	01	-	-
2.	PG	38	-	-

#### Other Courses:

- ❖ Completed PGDCIT course in Thiagarajar College, Madurai.
- ❖ Completed NPTEL online certification course on Functional genomics funded by Ministry of HRD, Govt. of India
- ❖ Completed NPTEL online certification course on Biostatistics and Design of Experiments funded by Ministry of HRD, Govt. of India
- ❖ Completed “Herbal medicine” course in Nadar Saraswathi College of arts and science, Theni.
- ❖ Completed Dyeing and Cosmetic preparation course in Nadar Saraswathi College of arts and science, Theni.

#### GRANTS RECEIVED

S.no.	Funding agency	Role	Title	Fund amount
1.	DST- SERB- NPDF	Principal Investigator	Study on the validation and overexpression of oleaginous yeast genes involved in lipid biosynthesis for enhanced biodiesel production	<b>Rs. 21, 31,200</b>

#### PROJECTS COMPLETED

**Title: Post-Doctoral Research:** Study on the validation and overexpression of oleaginous yeast genes involved in lipid biosynthesis for enhanced biodiesel production” from February, 2022 to February 2024.

**Title: Doctoral degree:** A comparative study on production and evaluation of biodiesel using lignocellulosic waste by microalgae and yeast isolates, under the guidance of Dr. A.Arun in December, 2019.

**Title: Master’s degree:** Screening and characterization of nitroglycerin degrading microorganisms in March, 2007.

**GUEST LECTURERS DELIVERED**

S. No	Title of the Invited Lecture	Title of Conference/ Seminar etc.	Organised by	Date of Presentation	Level
1	Invited lecture on Solid waste management	-	Ecoclub, Mannar Thirumalai Naicker College, Madurai.	4 <sup>th</sup> October, 2017	State
2.	Recent trends and innovations in plant based biofuel Production	-	Nadar Saraswathi College of Arts and Science, Theni	11 <sup>th</sup> September, 2020	State
3.	Common Eye infections & QC Pharmaceutical industry	-	VPMM college of Arts and Science, Krishnan Kovil.	22 <sup>nd</sup> May, 2021	State
4.	Biofuels and clean energy transition	Bioforum- Department of Biotechnology	The Madura College, Madurai	28 <sup>th</sup> August	State

**RESEARCH PUBLICATIONS:*****INTERNATIONAL (Cumulative Impact factor: 117.356)***

1. **V.Ananthi**, G.SivaPrakash, K.MohanRasu, K.Gangadevi, T. Boobalan, Rathinam Raja, K. Anand, M. Sudhakar, Anil Chuturgoon, A. Arun, Comparison of integrated sustainable biodiesel and antibacterial nano silverproductionby microalgaland yeasisolates (2018) *Journal of Photochemistry& Photobiology, B: Biology.*(**Impact factor: 6.814**).
2. Sivaprakash Gurusamy, Mohan Rasu Kulanthaisamy, Dinesh Gujuluva Hari, **Ananthi Veleeswaran**, Boobalan Thulasinathan, Jothi Basu Muthuramalingam, Ravindran Balasubramani, Soon Woong Chang, Mariadhas Valan Arasu, Naif Abdullah Al-Dhabi, Arokiyaraj Selvaraj, Arun Alagarsamy, Environmental friendly synthesis of TiO<sub>2</sub>-ZnO nanocomposite catalyst and silver nanomaterials for the enhanced production of biodiesel from Ulva lactuca seaweed and potential antimicrobial properties against the microbial pathogens(2019) *Journal of Photochemistry& Photobiology, B: Biology.*(**Impact factor: 6.814**).
3. **V. Ananthi**, G. Siva Prakash, Soon Woong Chang, Balasubramani Ravindran, Dinh Duc Nguyen, Dai-Viet N. Vo, Duong Duc La, Quang-Vu Bach, Sanjay Kumar

- Gupta, Arokiyaraj Selvaraj, A. Arun, Enhanced microbial biodiesel production from lignocellulosic hydrolysates using yeast isolates (2019) *Fuel* (**Impact factor :8.035**)
4. G. Sivaprakash, K.Mohanrasu, **V. Ananthi**, M. Jothibasu, Dinh Duc Nguyen, B. Ravindran, Soon Woong Chang, Phuong Nguyen-Tri, Ngoc Han Tran, K. Gurunathan, S. Arokiyaraj, A. Arun, Biodiesel production from *Ulva linza*, *Ulva tubulosa*, *Ulva fasciata*, *Ulva rigida*, *Ulva reticulate* by using  $Mn_2ZnO_4$  heterogenous nanocatalysts(2019), *Fuel* (**Impact factor : 8.035**)
  5. **V Ananthi**, Rathinam Raja, Isabel S Carvalho, Kathirvel Brindhadevi, Arivalagan Pugazhendhi; Arun Alagarsamy, A realistic scenario on microalgae based biodiesel production: Third generation biofuel (2020) *Fuel*, 284, 118965(**Impact factor : 8.035**)
  6. **V Ananthi**, Kathirvel Brindhadevi, Arivalagan Pugazhendhi, Arun Alagarsamy, Impact of abiotic factors on biodiesel production by microalgae. (2020). *Fuel*, 284, 118962 (**Impact factor : 8.035**).
  7. **V.Ananthi**, Arivalagan Pugazhendhi; Arun Alagarsamy. Efficacy of chemical factors on production and extraction of biodiesel by Microalgae. (2020). *IJER* (**Impact factor:4.672**)
  8. **V Ananthi**, P Balaji, R Sindhu, SH Kim, A Pugazhendhi, A Arun, A critical review on different harvesting techniques for algal based biodiesel production. *Science of The Total Environment*, 2021, 146467 (**Impact Factor : 10.753**)
  9. N.Premnath, K.Mohanrasu, R. Guru Raj Rao, G.H.Dinesh, G.SivaPrakash **V.Ananthi**, Kumar Ponnuchamy, Govarathanan Muthusamy, A.Arun, A crucial review on polycyclic aromatic hydrocarbons – Environmental occurrence and strategies for microbial degradation. *Chemosphere*.2021 (**Impact Factor- 8.943**)
  10. Abhispa Bora, K. Mohanrasu, T. Angelin Swetha, **V. Ananthi**, Raveendran Sindhu, Nguyen Thuy Lan Chi, Arivalagan Pugazhendhi, A. Arun, Thangavel Mathimani, Microbial electrolysis cell (MEC): Reactor configurations, recent advances and strategies in biohydrogen production. 2022. *Fuel* .125269 (**Impact factor : 8.035**).
  11. **V Ananthi**, U Ramesh, P Balaji, P Kumar, M Govarathanan, A Arun.2022. A Review on the Impact of Various Factors on Biohydrogen Production. *International JournInternational Journal of Hydrogen Energy*. (**Impact factor : 7.139**)
  12. MR Maya, **V Ananthi**, A Arun, P Kumar, M Govarathanan, K Rameshkumar, V Veeramanikandan, P Balaji. 2021. Protective efficacy of *Capsicum frutescens* fruits in pancreatic, hepatic and renal cell injury and their attenuation of oxidative stress in

- diabetic Wistar rats. Journal of Taibah University for Science.15(1),1232-1243.(**Impact Factor:** 3.459)
13. Angelin Swetha, **V. Ananthi**, Abhispa Bora, Nallathambi Sengottuvelan, Kumar Ponnusamy, Govarathanan Muthusamy, A Arun, A review on biodegradable polylactic acid (PLA) production from fermentative food waste – its applications and degradation (2023). T International journal of Biological Macromolecules (**Impact factor** : 8.025).
  14. K. Rameshkumar, **V. Ananthi**, A. Arun, P. Prema, V. Veeramanikandan, Van- Huy Nguyen, P. Balaji, *Trianthema portulacastrum* leaf extract mediated synthesis of silver nanoparticles and elucidation of their larvicidal and antibacterial activities (2023). Materials Today Communications, 35. 105980 (**Impact factor** : 3.662).
  15. V Ananthi, Abhispa Bora, U Ramesh, R Yuvakkumar, Karthik Raja, Kumar Ponnuchamy, Govarathanan Muthusamy, A Arun. A review on the technologies for sustainable biohydrogen production (2024). Process Safety and Environmental Protection. 186; 944-956 (**Impact factor** : 6.9).
  16. James Obeth Ebenezer Samuel, Nithya Rathinavel, Ananthi Veleeswaran, Boobalan Thulasinathan, Karthik Raja Ramalingam, Yuvakkumar Rathinam, Arun Alagarsamy. New insight on the influence of surface-modified clay cup with stirring effect for bioelectricity production by utilizing septic tank wastewater. (2024). Process Safety and Environmental Protection. 186; 213 – 223 (**Impact factor** : 6.9).
  17. Nithya Rathinavel, Ananthi Veleeswaran, Yuvakkumar Rathinam, Arun Alagarsamy. Turning Waste into Watt: Usage of natural biomass activated carbon-based anode and septic tank wastewater for Microbial Fuel Cell (MFC) based electricity generation. Carbon Trends 19, 100461(**Impact factor** : 3.1).
  18. **V. Ananthi**, R. K. Sankara Subramanian, A. Arun, Detoxification of Aflatoxin B1 using Lactic acid bacteria (2016) International Journal of BioSciences and Technology (2016), Volume 9, Issue 7, Page(s): 40 – 45. ISSN: 0974 – 3987.
  19. Arun A., K. Mohan rasu, G.siva prakash, G.H. Dinesh, **V. Ananthi**, R. Sateesh Murugan, A comparative study on bio-polymer ( $\epsilon$ -poly-l-lysine) production by using forest soil microbial isolates and *Streptomyces albulus* (MTCC 1137), Asian jr. of microbiol. biotech. env. sc. 2015 (ISSN-0972-3005).

#### **NATIONAL**

1. Screening and characterization of nitroglycerin degrading microorganisms. Padmavathy S., **Ananthi V.**, Praveen raja P. and Asha Devi N. K., The Scitech Journal (ISSN 2347-7318) 2014.
2. Third generation biofuel production by using freshwater microalgae (2019) **Ananthi.V**, Selvakumar.G, Arun.A., Journal of Emerging Technologies and Innovative Research

3. Enhanced production of prodigiosin, a potent compound from *Serratiamarcescens* against Methicillin Resistant *Staphylococcus aureus* (MRSA) (2020)A.Jothi, **V.Ananthi**.International Journal of BioSciences and Technology, 14,1: 1 – 17

<b>BOOK CHAPTERS / CONFERENCE PROCEEDINGS</b>
---

1. **V.Ananthi**, K.Mohan Rasu,T. Boobalan, K.Anand, M.Sudhakar, Anil Chiturgoon, V.Balasubramanian, R.Yuvakkumar,A.Arun. 2020. An overview of nanotoxicological effects towards plants, animals, microorganisms and environment.Integrative Nanomedicine for New Therapies, Engineering Materials for New Therapies, Engineering Materials. Springer Nature. [https://doi.org/10.1007/978-3-030-36260-7\\_5](https://doi.org/10.1007/978-3-030-36260-7_5).
2. K. Mohanrasu, G. Siva Prakash, T. Boobalan, **V. Ananthi**, G. H. Dinesh, K. Anand, M. Sudhakar, Anil Chiturgoon and A. Arun. 2020. Synthetic, Natural Derived Lipid Nanoparticles and Polymeric Nanoparticles Drug Delivery Applications. Integrative Nanomedicine for New Therapies, Engineering Materials for New Therapies, Engineering Materials. Springer Nature. [https://doi.org/10.1007/978-3-030-36260-7\\_6](https://doi.org/10.1007/978-3-030-36260-7_6).
3. Abhispa Bora, K Mohanrasu, T Angelin Swetha, **V Ananthi**, P Kumar, Muthusamy Govarthanan, A Arun. Microbes incorporated nanomaterials for water purification. Handbook of Microbial Nanotechnology, 439-459. <https://doi.org/10.1016/B978-0-12-823426-6.00001-2>
4. T Angelin Swetha, K Mohanrasu, Abhispa Bora, **V Ananthi**, A Arun. Enzymes incorporated nanotechnology for wastewater treatment. Handbook of Microbial Nanotechnology, 415-438. <https://doi.org/10.1016/B978-0-12-823426-6.00012-7>
5. **V Ananthi**, A Arun. Pathogen identification through surface marker recognition methods. Handbook of Microbial Nanotechnology, 355-373. <https://doi.org/10.1016/B978-0-12-823426-6.00014-0>
6. K Mohanrasu, R Guru Raj Rao, **V Ananthi**, G Sivaprakash, GH Dinesh, T Angelin Swetha, J Jeyakanthan, A Arun. Microbial bio-based polymer nanocomposite for food industry applications. Handbook of Microbial Nanotechnology, 331-354.<https://doi.org/10.1016/B978-0-12-823426-6.00012-7>
7. **V Ananthi**, A.Arun. Characterization and determination of producing Lactic acid bacteria isolated from curd sample. 2017. Alagappa University Journal of Biological Sciences (AUJBS),Volume 1, Issue 1, Pages: 95-102.
8. **V Ananthi**, A.Arun. Studies on biosynthesis of xanthan gum using *Xanthomonasp.*,isolated from infected cotton leaves. 2017. *Alagappa University Journal of Biological Sciences* (AUJBS), Volume 1, Issue 1, Pages: 88-94.

9. **V.Ananthi**, S.Samynathan. Production of sodium hyaluronic acid from *Streptococcuspyogenes* mutant. 2014. Global opportunities for recent developments in science and technology. Chapter 5 (ISBN 9789382323).
10. **V.Ananthi**, R.Menaka. 2014. Production of xanthan gum (biopolymer) using *Xanthomonas campestris*. Global opportunities for recent developments in science and technology. Chapter 6 (ISBN 9789382323).

#### **BOOK EDITED**

1. **Editor for the book on** Progress in Biochemistry and Biotechnology Nano-Enzyme Incorporated particles - Fundamental Concepts, Synthesis and Applications. Elsevier Academic Press

#### **TRAININGS UNDERWENT AND PARTICIPATION**

1. Participated in an intercollegiate science exhibition "Gala Galaxy 2003" from 3<sup>rd</sup> to 5<sup>th</sup> March 2003 at Nadar Saraswathi College of Arts and Science, Madurai.
2. Participated in the National science day celebrations on 1<sup>st</sup> March, 2006 at Thiagarajar college, Madurai-9.
3. Participated in the four day workshop programme on „**Workshop on Bioengineering**’ held between 22<sup>nd</sup> -25<sup>th</sup> January 2007, conducted by The Ayya Nadar Janaki Ammal college, Sivakasi
4. Participated in the „**Scientific seminar**’ held on 05.05.2011 conducted by The J.Mithra & Co. Pvt. Ltd.
5. Participated in the **workshop** on „Basics of Bioinformatics“ held on 20<sup>th</sup> March, 2012 at Thiagarajar College, Madurai-9.
6. Participated in the **workshop** on „Reformation in Examination systems“ held on 23<sup>rd</sup> March, 2012 at Thiagarajar College, Madurai-9.
7. Participated in the **Training programme** on „Enhancement of Internal Quality“ held on 27<sup>th</sup> March, 2012 at Thiagarajar College, Madurai-9.
8. Participated in the one day Refresher programme on „Stress management and emotional wellbeing“ held on 14<sup>th</sup> March, 2015 organised by Women’s study centre at Thiagarajar College, Madurai-9.
9. Participated in Symposium cum workshop on „Recent trends in structural Bioinformatics and computer aided drug design“ held between 16<sup>th</sup> -19<sup>th</sup> February, 2016 at Alagappa University, Karaikudi.
10. Participated in a UGC sponsored Training programme on „Identification of Marine plankton“ held between 20-21<sup>st</sup> October, 2016 at Centre of Advanced study in Marine Biology, Parangipettai-02.
11. Participated in a National level workshop on „Gas chromatography“ held on 15<sup>th</sup> December, 2016 at Alagappa University, Karaikudi.
12. Participated in a TEQIP sponsored two days workshop on "Research Paper Writing" held on 23<sup>rd</sup> & 24<sup>th</sup> February, 2017 organized by Academic research section, Thiagarajar College of

Engineering, Madurai.

13. Participated in the workshop on Reformation and Innovations in Evaluation held on 13<sup>th</sup> March 2017 organized by Thiagarajar College, Madurai-9.
14. Participated in the Indo- UK workshop on Data analysis in vibrational spectroscopy and Mass spectrometry based metabolic profiling held on 22<sup>nd</sup> and 23<sup>rd</sup> August, 2017 organised by Lady Doak college, Madurai.
15. Participated in a National conference on "Trends in Microbiology(NCTM-2017)" held on 27<sup>th</sup> September, 2017 organized by Academic research section, Thiagarajar College of Engineering, Madurai.
16. Participated in an International workshop on "Rewiring anaerobic microbial process for energy and environment" held on 3<sup>rd</sup> January, 2018 organized by School of Biotechnology, Madurai Kamarajar University, Madurai.
17. Participated in a National workshop on "Protein Sequencing Techniques" held on 23<sup>rd</sup> January, 2017 organized by Biotechnika info Labs pvt Ltd (online).
18. Attended four days workshop on commercialization prospects of microbial formulates held on 22-25<sup>th</sup> January, 2018 organized by Alagappa University, Karaikudi.
19. Participated in a National" held on 10<sup>th</sup> February, 2018 organized by Biotechnika info Labs pvt Ltd (online).
20. Participated in Nottingham Trent University International seminar on Waste Management on 3<sup>rd</sup> September 2018, organized by Thiagarajar College, Madurai.
21. Participated in workshop on "Art of Writing research papers, project proposals and patent filing" on 17<sup>th</sup> October 2018, organized by Thiagarajar College, Madurai.
22. Participated in distinguished lecture programme on 1<sup>st</sup> April 2019 by Alagappa University, Karaikudi.
23. Participated in International conference on Bioplastics organized on 2<sup>nd</sup> April 2019 organized by Alagappa University, Karaikudi.
24. Participated in National level faculty development programme on 25<sup>th</sup> January 2020 held on PRIST University, Madurai campus.
25. Participated in webinar series on "Assistive respiratory instrumentation – A biomedical perspective" on 28<sup>th</sup> to 30<sup>th</sup> April 2020, organized by Sathyabama Institute of science and Technology, Chennai (Online).
26. Participated in webinar on "Bacterial virulence: Perspective and Pragmatic approach" held on 5<sup>th</sup> May 2020 organized by Indian Academy degree college, Bangalore (Online).
27. Completed on line course on "Vermiculture and Vermicomposting Technology" held on 11<sup>th</sup> – 13<sup>th</sup> May 2020 organized by Arulmigu Palani Andavar College for Women, Palani(Online).
28. Participated in National level awareness quiz on "Test your Immunity on fact versus fake news on COVID -19" on 12<sup>th</sup> May 2020 organized by Sakthi Institute of Information and Management studies, Coimbatore(Online).

29. Participated in one day on line faculty development programme on “Effective Research and Proposal writing” held on 13<sup>th</sup> May, 2020 organized by Sri Adi Chunchunagiri Women’s college, Cumbum (online).
30. Participated in two days on line course on “Endophytes- The hidden Treasure” held on 13<sup>th</sup>& 14<sup>th</sup> May, 2020 organized by Sri Sarada Niketan College of Science for Women, Karur (online).
31. Participated in three days on line course on “Apiculture from 13<sup>th</sup>-15<sup>th</sup> May, 2020 organized by organized by Ayya Nadar Janaki Ammal College, Sivakasi (online).
32. Participated in online workshop on “Scientific Writing of journals” held on 15<sup>th</sup> May, 2020 organized by Springer Nature (online)
33. Participated in Faculty development programme on “My life my pride my career” held on 18<sup>th</sup> May 2020, organized by Patrician College of Arts and Science, Chennai (online).
34. Participated in webinar on “Plant Molecular fingerprinting during stress” held on 22<sup>nd</sup> May, 2020 organized by Lady Doak college, Madurai (online).
35. Participated in National level faculty development programme on “Building Predictive understanding of microbial communities” held on 23<sup>rd</sup>- 24<sup>th</sup> May, 2020 organized by Nirmala college for Women, PG and Research Department of Zoology, Coimbatore.
36. Participated in webinar on “Stem cell research for COVID 19” held on 25<sup>th</sup> May, 2020, organized by Vels Institute of Science, Technology and advanced studies.
37. Participated in online E-quiz on “World Environment Day” held on 5<sup>th</sup> June, 2020 organized by Nadar Saraswathi College of Arts and Science, Theni (online).
38. Participated in the webinar on “Applications of Real time PCR for Rapid Diagnosis of communicable and Non- communicable Diseases” organized by B.S.Abdur Rahman Crescent Institute of Science and Technology.
39. Participated in 4<sup>th</sup> International Conference on Recent trends in Microbiology (RTM 2023) held on 5<sup>th</sup> and 6<sup>th</sup> January, 2023.
40. Participated in 4<sup>th</sup> International Conference on Genome biology held between 28<sup>th</sup> February to 1<sup>st</sup> March, 2023.
41. Participated in two days workshop on “Single cell Omics” conducted on 12<sup>th</sup> to 13<sup>th</sup> October 2023 at Aravind Medical Research Foundation, Madurai.

<b>PAPER PRESENTATIONS</b>
----------------------------

1. **International Conference** on “Biotechnology –Promises &Realities” organized by PSGR. Krishnammal College for Women, Coimbatore. Presented paper titled „**Antagonistic activity of marine fungi against human pathogens**“, 14<sup>th</sup> and 15<sup>th</sup> July, 2006.

2. **International Conference** on “Modern progress in Biotechnology” organized by Anna University-Bharathidasan Institute of Technology. Presented paper titled „**A socioeconomic approach on Biodiesel production and nanoparticle synthesis by Microalgae**’, 9<sup>th</sup> and 10<sup>th</sup> october, 2014.
3. **International Conference** on “Green Energy and Green Environment” organized by Nadar Saraswathi College, Theni. Presented paper entitled „**A socioeconomic approach on Biodiesel production and nanoparticle synthesis by Yeast**’, held on 9<sup>th</sup> and 10<sup>th</sup> october, 2014.
4. **International Conference** on “Recent Trends in Biological sciences” organized by Hajee Karurtha Rowther Howdia college,Uthamapalayam. Presented a paper entitled “**Optimization of Baggasse for Biofuel Production by yeast using Response Surface Methodology**” heldon 25<sup>th</sup> January 2016.
5. **TEQIP sponsoredInternational conference** on „Energy Environment and Engineering” organized by Coimbatore Institute of Technology, Coimbatore held between 29<sup>th</sup> February-2<sup>nd</sup> March , 2016. Presented paper entitled „**Subsequent Keratinolysis and Biohydrogen production.**”
6. **International Conference** on “ New Horizons, Emerging challenges and recent paradigms in Food mediated immunity and their role in human health and longevity ” organized by **American college**, Madurai held between 31<sup>st</sup> August-1<sup>st</sup> September, 2016.Presented paper entitled “**Degradation and detoxification of aflatoxin B1 by isolates of Lactic acid Bacteria.**”
7. **International Conference** on “Recent trends in Microbiology” organized by **Alagappa University, Karaikudi** held between 20<sup>th</sup> -21<sup>st</sup> December, 2016.Presented paper entitled “**Optimization of lignocellulosic hydrolysate for Biofuel Production using Response Surface Methodology by yeast**”.
8. **International Conference** on “Recent trends in Microbiology -2018” organized by **Alagappa University, Karaikudi** held between 11<sup>th</sup> -12<sup>th</sup> January, 2018.Presented paper entitled “**Screening of oleaginous yeast and optimization of lignocellulosic wastes for biodiesel production.**”
9. **International Conference** on “Recent trends in Bioplastics -2019” organized by **Alagappa University, Karaikudi** held between 9<sup>th</sup> -10<sup>th</sup> December, 2019.Presented paper entitled “**Innovative practices of PHB accumulation and desalination by using microalgal isolates under single roof cultivation.**”

<b>TECHNICAL SKILLS</b>
-------------------------

- ✘ Equipped in molecular biology techniques, NGS data analysis.
- ✘ Familiar with bioinformatics tools, statistics softwares (SPSS, Graphpad Prism, Origin), Xpert Highscore.

- ✧ Skilled in working with optimization software- Design Expert 7.0.
- ✧ Well versed working knowledge in MS Windows Operating System (98, 2000, XP and Vista), MS Office Packages and Adobe Photoshop.

### PERSONAL PROFILE

Date of Birth: 22.09.1984  
Address: 30A, Thirukkural street, Jubilee town extension, Gomathipuram, Madurai-625 020.  
Linguistics: Tamil, English and Hindi

### References

1. Dr. A. Arun, Professor and Head, Department of Microbiology, Campus Director, Science campus, Alagappa University, Karaikudi – 630 003. Tamilnadu, India. Mobile: +91-94421 26857 E-mail: <a href="mailto:arunalacha@gmail.com">arunalacha@gmail.com</a>	2. Dr. U.Ramesh, Assistant Professor and Head, Department of Molecular Biology, Madurai Kamaraj University, Madurai – 625 020 Tamilnadu, India. Mobile: +91-9025935983 E-mail: <a href="mailto:urameshmku@gmail.com">urameshmku@gmail.com</a>
---	--

Place : Madurai

Date:



Signature