

DR. DHANYA V

ASSISTANT PROFESSOR
Sanatana Dharma College,
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<https://scholar.google.com/citations?hl=en&user=nsJkL68AAAAJ>

PROFILE SUMMARY

Aspiring a true profession in Teaching and Research to put in the acquired knowledge, skills, abilities and exposure to reach at the utmost level of satisfaction and contribute to the achievement of mission and objectives of the institution.

EDUCATION

- Ph.D 2010-2015
- A genuine research work "Microbial consortia development for the biodegradation of mixed organic compounds" was carried out under the supervision and guidance of Dr. Jayachandran K, Professor, School of Biosciences, Mahatma Gandhi University, Kottayam.
- MSc Microbiology 2003 - 2005
- Sree Sankara College, Kalady
- Study on "Production of Ghee, a dairy product with increased grade of taste and flavour" was done under the guidance of Dr. C Valsa, Asst. Manager, Quality Control Officer, MILMA at Quality Control Lab of Milma, Ernakulam Dairy, Tripunithura.

WORK EXPERIENCE

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| Assistant Professor | 2021 - PRESENT |
| • Department of Microbiology, SD College, Alappuzha | |
| Assistant Professor | 2016 - 2021 |
| • Department of Biotechnology, Al-Ameen College, Edathala, Aluva | |

PAPER PUBLICATIONS

- Dhanya Vijayan., Jayachandran Kochupurackal., Amith Abraham., Indu Chandrasekharan Nair (2014). Microbial consortia formulation for the effective biodegradation of benzene, toluene, xylene and phenol. Journal of Microbiology, Biotechnology and Food Sciences, 3(6): 457- 462.
- Dhanya V., Mazna VP., Sherin Jose (2019). Biodegradation potential of phenol by a formulated high efficiency bacterial consortium. International Journal of Research and Analytical Reviews, 6(1):588-593.
- Dhanya V (2019). Enhanced biodegradation of Toluene and Xylene by a Bacterial consortium. Asian Journal of Microbiology, Biotechnology and Environmental Science, 21 (November Suppl.):S50-S55.
- Dhanya V (2019). A statistical tool for the optimization of parameters for the degradation of mono-aromatic pollutants by a formulated microbial consortium. Journal of Pure and Applied Microbiology, 13(4): 2251-2260.
- Dhanya V (2019). Biodegradation of Benzene, Toluene and Xylene by a formulated bacterial consortium. Journal of Emerging Technologies and Innovative Research 6(2): 733-739.
- Dhanya V (2020). Removal of used engine oil by a novel lab scale bioreactor. Journal of Pure and Applied Microbiology, 14(1).
- Dhanya V (2020). Formulation of a novel bacterial consortium for the effective biodegradation of phenol. Advances in Environmental Research. 9(2): 109-121.
- Dhanya V (2020). Biodegradation of aromatic hydrocarbons using microbial adsorbed bioreactor. 3 Biotech. Springer. 10: 249.
- Dhanya V, Aysha Ashraf, Anjana Pramod, Sayed Muhammed P S, Niloofer Nahan MH, Reji Kurian, Lakshmi Babu, Farhana Nazar (2020). Identification of biosurfactant producing bacterial strains and its application as a consortium for the removal of used engine oil. Advances in Bioresearch. 11(5/6).

PAPERS IN EDITED BOOK

- Effective biodegradation of aromatic hydrocarbons by a formulated bacterial consortium. 2015. Second International Conference on Frontiers of Mass Spectrometry (ICMS 2015). Mahatma Gandhi University, Kottayam
- Bioremediation: a promising technology for protecting our earth. 2017. Al-Ameen Annuals. A refereed journal for interdisciplinary studies. ISSN No: 25817078
- Microbial enzymes- an efficient tool for bioremediation. 2018. Al-Ameen Annuals. A refereed journal for interdisciplinary studies. ISSN No: 25817078
- Biodegradation of phenol by a novel bacterial strain. 2018. Green economy and environment sustainability. Multi-Disciplinary International Conference Al-Ameen College, Edathala. Mahatma Gandhi University
- Bacterial esterase-an effective biocatalyst. 2019. Al-Ameen Annuals. A refereed journal for interdisciplinary studies. ISSN No: 25817078
- Biodegradation potential of phenol by newly isolated bacterial strains. 2019. Al-Ameen Annuals. A refereed journal for interdisciplinary studies. ISSN No: 25817078
- Biodegradation of benzene by a novel bacterial strain. 2019. National conference on energy and environment (NCEE2019). Sree Ayyappa College, Eramalikkara, Chengannur. University of Kerala
- The qualitative analysis of the impact of anti-acne cream on pimple removal. 2020. Al-Ameen Annuals. A refereed journal for interdisciplinary studies. ISSN No: 25817078

ORAL PRESENTATIONS

- National conference on energy and environment (NCEE 2019) at Sree Ayyappa College, Eramalikkara, Chengannur. Affiliated to University of Kerala, on 15-16 Feb 2019.
- Green economy and environment sustainability (2018) at Multi Disciplinary International Conference Al-Ameen College, Edathala Affiliated to Mahatma Gandhi University, on 18-19 Jan 2018.
- Second International Conference on Frontiers of Mass Spectrometry (ICMS 2015) at Inter University Instrumentation Centre & School of Environmental Sciences, Mahatma Gandhi University, Kottayam on 11-14 Dec 2015.

POSTER PRESENTATIONS

- International Conference on Advances in Biological Sciences at Dept. of Biotechnology and Microbiology and Inter University Centre for Bio Sciences Kannur University, Kerala, 15-17 Mar 2012.
- National Symposium on Emerging trends in Biotechnology at Dept. of Biotechnology, Cochin University of Science and Technology (CUSAT) on 12-13 Dec 2012.

ACHIEVEMENTS

- Awarded as The Best Researcher of Al Ameen college during the academic year 2019-20
- Life-time Membership of "The Indian Science Congress Association", Membership No: L41005
- Organize an International webinar on "How COVID19 will change the world of research" by Dr. Muralee Thummarukudy, Operations Manager, Crisis Management Branch, United Nations Environment Programme (UNEP)
- Co-ordinator of Research Assessment and Academic Journal Committee, Al Ameen College for the academic year 2020-2021
- Executive Editor in Al-Ameen Annuals, a referred journal for interdisciplinary studies, ISSN No: 2581-7078 from 2017 onwards
- Chief Coordinator for world environmental day 2017 organized by Kerala State Council for Science and Technology at Al -Ameen College, Edathala , Aluva on 13 Jun 2017
- Secretary for Seminar world environmental day 2018 organized by Kerala state council for science and technology at Al-Ameen College Edathala, Aluva on 25 Jun 2018
- Joint Secretary for Seminar World environmental day 2016 organized by Kerala state council for science technology at Al-Ameen College, Edathala, Aluva on 15 Jun 2016
- Proficient in Computer operations and various softwares
- Ability to work in a team environment and to complete the assigned task in time
- Keen Interest in Veena Concerts & Carnatic music and have been learning for the last 25 years
- Attended Kerala State School Youth Festival in 1996 and 1998 and won 3rd prize in Veena
- Attended Mahatma Gandhi University Kaloltsavam during post-graduation

CONFERENCES / SEMINARS ATTENDED

- "Innovative approaches for teaching and evaluation" the faculty sharing programme conducted by ICFAI business School at Cochin on 2 Aug 2018.
- Seminar on Intellectual property Rights organized by research committee Al-Ameen College, Edathala, Aluva on 22 Jan 2018.
- Advances in Biotechnology 2014 at Dept. of Biotechnology, Cochin University of Science and Technology (CUSAT) on 15-16 Dec 2014.
- 25th Kerala Science Congress at Techno park Thiruvananthapuram on 25 Jan to 01 Feb 2013.
- National seminar on Life style and Diseases at School of Bio-Sciences, Mahatma Gandhi University, Kottayam on 19-20 Jan 2012.
- Frontiers of Spectrometry and Microscopy, DST-PURSE sponsored workshop at Inter University Instrumentation Centre & School of Environmental Sciences, Mahatma Gandhi University, Kottayam on 10-12 Sep 2012.
- National Symposium on emerging trends in Biotechnology at Dept. of Biotechnology, Cochin University of Science and Technology (CUSAT) on 1-2 Sep 2011.
- Sensitization Workshop on DST's Woman Scientist Scheme (WOS-A), at Sugar Cane Research Station, Gorakhpur, UP on 20-21 Jun 2007.