

FACULTY PROFILE

1. Name : Dr.A.Rajalakshmi
2. Designation : Assistant Professor in Zoology
3. Qualification : M.Sc., M.Phil, B.Ed, Ph.D
4. Mobile number : 9994197732
5. E-mail id : kavi8087@gmail.com, rlakshmi@auxiliumcollege.edu.in
6. Teaching Experience : 10 yrs
7. Area of specialization : Phytochemicals and Cancer
8. No. of Papers Published : 5
9. No. of Papers Presented in the National/ International/ Seminars/ Workshops/ Conferences : 5
10. No. of Seminars/Workshops/Conferences organized : 6
11. No. of Books Published/Edited/Co-edited : 3
12. Responsibilities held: 2019- 2023 YRC Coordinator – Shift I, Extension Activity – I UG 2018 -2019 and 2019 – 2020
13. Current Responsibilities: Online course for PG, Faculty organiser for STP IIT Bombay online course, DQAC member,
14. Membership in professional bodies: 3
 - Life time membership in Academic and Research Conclave
 - Life Member of Tamil Nadu Science Forum
 - Member for the International Eco Club Student & Staff Chapter
15. Honours & awards received :
 - Best Contribution award for the dedicated service in Indian Red Cross Society, Vellore District Branch- 2021-2022
 - Best YRC Coordinator Award given by Nature Science Foundation , Coimbatore-641004, Tamilnadu, India- 2022-2023
 - Best Contribution award for the dedicated service in Indian Red Cross Society, Vellore District Branch- 2019

PUBLICATIONS

1. Rajalakshmi and Udhaykumar., Cell Surface GRP78: A potential mechanism of therapeutic resistant tumors, Cancer Cell International, BMC, Part of Springer Nature, Web of Science, ISSN: 1475-2867, 2023.
2. Rajalakshmi A, Studies on Methanol Extract of *Momordica charantia* Against Hyperglycemic Effect in Alloxan Induced Diabetic Male Albino Rats – A Phytochemical Approach by GC- MS Method. *IJNRD*, ISSN: 2456484 649-661, 2023, Vol.(8), pp a649-a661.
3. Rajalakshmi A, Senthilkumar B, Devi “Antihyperglycemic and Antihyperlipidemic Effect of Aqueous Fruit Extract of *Momordica charantia* against Alloxan Induced Diabetic Rats” *Int.j.pharm.res.sch*, 2013, Vol. 2, pp 54-60.
4. Rajalakshmi A, Senthilkumar B, Devi K “Hypoglycemic and Hypolipidemic Effect of *Aegle marmelos* Leaf Extract in Alloxan Induced Diabetic Male Albino Rats” *int.j.pharm.res.sch*, 2013, Vol. 2, pp 88-93.
5. Dr. Rajalakshmi, Studies on Methanol Extract of *Momordica charantia* Against Hyperglycemic Effect in Alloxan Induced Diabetic Male Albino Rats –A Phytochemical Approach by GC-MS Method, *IJNRD*, ISSN : 2456-4184, 2023, Vol 8, Issue: 8, pp a649- a661.

FDP’S/Seminars/Workshos/Webinars

1. Conference- National Conference on” Journey Toward Excellence” organized by the Internal Quality Assurance Cell, Auxilium College, Vellore, India from 9.02.2017 – 11.02.2017.
2. Workshop – National Workshop on “Biological Diversity Act” organized by the Enviro club, Auxilium College, Vellore, in Collaboration with the National Biodiversity Authority, Chennai from 18.01.2019 and 19.01.2019.
3. FDP- Enriching and Enhancing the Effectiveness of Teaching using 21st century skill sets, organized by The Haskalah Academy from 5 and 7 th June 2019, held at Auxilium College, Vellore.
4. Workshop- State level workshop on “Intellectual Property Rights” conducted on 2 and 3.08.2019, organized by the Tamil Nadu State Council for Science and Technology , Chennai and the Research cell and IPR cell of Auxilium College, Vellore.
5. One day zonal level orientation programme for YRC programme officers sponsored by Indian Red Cross Society, Tamil Nadu branch, organized by Thiruvalluvar University, Serkadu, conducted on 18.10.2019.
6. FDP- Certificate course on Bionanotechnology, organized by Association of Indian Biologists from 15.05.2020- 11.06. 2020
7. FDP- 7 days Faculty development program, organized by Department of Biochemistry, Auxilium College, Vellore in association with Spoken tutorial project Bombay IIT founded by National mission of education through ICT, MHRD, Govt of India.
8. FDP- 7 days Faculty development program, organized by PG and Research Department of Chemistry, Auxilium College, Vellore in association with Spoken tutorial project Bombay IIT founded by National mission of education through ICT, MHRD, Govt of India, held on 8.6.2020- 14.6.2020
9. FDP- Evolving best teaching and practices in pandemic era 2020, organized by the board of management, Auxilium College, Vellore, held on 15 -21 June 2020.
10. Conference - International Conference on “ Strategies & Challenges in Higher

Education during COVID- 19 Lockdown period in India with reference to the World “ held on 15.05.2020 - 17.05.2020, organized by Government Vidarbha Institute of Science & Humanities, Amravati, India.

11. UGC paramarsh online FDP on ICT in teaching and evaluation Oragnised by MSP Mandal'sshrishivaji college Parbhani Maharashtra, held on 13 th July 2020 to 18 th July 2020.
12. FDP- Future of Examination- Blooms Taxonomy and Multiple Assessment Tools, organized by GTN Arts college, Dindugal, Tamilnadu on 8.6.2020
13. Conference –Indo- UK virtual conference on “Current Innovations and the Future of Therapeutic Developments ” CIFTD- 2020 held on 1.06.2020- 3.06.2020, organized by Centre of Biomaterials Cellular & Molecular Theranostics Development at VIT, Vellore, India.
14. FDP- Innovative Approach in Pedagogy, organized by New Prince ShriBhavani Arts and Science College, held on 20.10.2021 to 22.10.2021.
15. Conference – International Conference on “Advances in Environmental and Health Sciences” held on 3.06.2022 and 4.06.2020, organized by PG and Research Department of Zoology, D.K.M College, Vellore, India.
16. FDP- National level intercollegiate online Faculty Development Programme on outcome base education organized by Internal Quality Assurance Cell, Auxilium College, Vellore in association with ipsr solutions limited, held on 22.11.2021 to 27.11.2021.
17. FDP- Interdisciplinary translation science and engineering organized by CBCMT, VIT, Vellore, held on 18 to 22.07.2022.