

Ms. R. KARTHIKA, M.Sc., M.Phil.,

ASSISTANT PROFESSOR

PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

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CONTACT DETAILS

OFFICE ADDRESS

Theivanai Ammal College for Women (Autonomous), Chennai- Trichy Trunk Road, Villupuram, Tamil Nadu-605602 Ph.No: 04146-257374/259674.

RESIDENTIAL ADDRESS

No:391, Keezhaveli Street, Sivapuri Post, Chidambaram Taluk, Cuddalore District, Pin code: 608 002.

QUALIFICATION

- B.Sc., Biochemistry (Dharmapuram Gnanambigai Govt.Arts. College (w), Mayiladuthurai, 2011)
- M.Sc., Biochemistry (Government Arts College (Auto), Kumbakonam, 2013)
- M.Phil., Biochemistry (Government Arts College (Auto), Kumbakonam, 2015)
- Diploma in Computer Application (DCA)- Dharmapuram Gnanambigai Govt.Arts. College (w), Mayiladuthurai.

TEACHING EXPERIENCE

- Assistant Professor, S.K.S.Arts College, Thiruppanandal, (September 2013 to September 2014).
- Assistant Professor, Theivanai Ammal College for Women (Autonomous), September 2016 to till date.

AREA OF SPECIALIZATION

- Plant Biochemistry
- Analytical Biochemistry
- Biomolecular Chemistry
- Endocrinology

UNDER GRADUATE SUPERVISION

- Academic year 2017-2018 - (B.Sc, 3Groups (9 Students))- Projects Guided in TACW, Villupuram
- Academic year 2018-2019 - (B.Sc, 3Groups (9 Students))- Projects Guided in TACW, Villupuram
- Academic year 2019-2020 - (B.Sc, 4 Groups (12 Students))- Projects Guided in TACW, Villupuram
- Academic year 2020-2021 - (B.Sc, 3Groups (9 Students))- Projects Guided in TACW, Villupuram
- Academic year 2021-2022 - (B.Sc, 4Groups (12 Students))- Projects Guided in TACW, Villupuram
- Academic year 2022-2023 - (B.Sc, 2Groups (6 Students))- Projects Guided in TACW, Villupuram

POST GRADUATE SUPERVISION

- Academic year 2019-2020 - M.Sc, Biochemistry - 3 Students Projects Guided in TACW, Villupuram
- Academic year 2020-2021 - M.Sc, Biochemistry - 2 Students Projects Guided in TACW, Villupuram
- Academic year 2021-2022- M.Sc, Biochemistry - 4 Students Projects Guided in TACW, Villupuram
- Academic year 2020-2021 - M.Sc, Biochemistry - 4 Students Projects Guided in TACW, Villupuram

EVENTS ORGANIZED

- Committee Member of International National Conference on “**Smart Sustainable Development in Multidisciplinary Research** ” (SCI-VISION 2050)” held on March 9 &10 , 2023- Department of Biochemistry, TACW, Villupuram
- Committee Member of National Conference on “**Intellectual Property Rights and Bioethics in Current Scenario – IPRBE 2021**” held on Feb 6, 2021- Department of Biochemistry, TACW, Villupuram
- Committee Member of International Conference on “**Integrative Nature of the Life Science and its Challenges in Research 2019**” held on Spt. 6, 2019- Department of Biochemistry, TACW, Villupuram

PUBLICATIONS

- “Comparative study on phytochemical and quantitative analysis of three different plants” ISBN – 978-93-5391-430-1
- “A field study on combinations of herbal medicines for skin related diseases” ISBN – 978-93-5391-430-1
- “Nutritional and Phytochemical analysis of *Dipteracanthus Prostratus*” ISBN – 978-93-5391-430-1
- “ Comparative study of phytochemical analysis of different musa species” International Journal of Botany Studies www.botanyjournals.com ISSN: 2455-541X Received: 14-12-2021, Accepted: 29-12-2021, Published: 14-01-2022 Volume 7, Issue 1, 2022, Page No. 247-250
- “In vitro evaluation of antiulcer activity, nutritional analysis and antioxidant activity of *Eclipta prostrate*” International Journal of Botany Studies www.botanyjournals.com ISSN: 2455-541X Received: 14-12-2021, Accepted: 29-12-2021, Published: 14-01-2022 Volume 7, Issue 1, 2022, Page No. 243-246
- “Bioenzyme Using Industrial Wastewater Treatment” Turkish Journal of Physiotherapy and Rehabilitation Dec 2021-2022 ISSN: 2651-4451
- “Biodiesel Production From jackfruit seed oil & performance emission analysis diesel engine ” DogoRangsang Research Journal vol -12 Issue -04 April 2022 ISSN 2347-7180
- “Quantitative Phytochemical Analysis and Antibacterial Activity of *Lemna Minor* Leaf Extract” Turkish Journal of Physiotherapy and Rehabilitation Dec 2021-2022 ISSN: 2651-445

SEMINARS/WORKSHOP

- One day Workshop on **“Science Career Guidance”** held at Annamalai University Chidambaram 608002, on 19th December 2019.
- One day Workshop on **“Page and SDS-Page Electrophoretic Techniques (WET)”** held at P.G & Research Department of Biochemistry, Government Arts College (Autonomous) Kumbakonam 621001. On 17th April 2013.
- State Level Symposium On **“New Visits In Life Science”** Achariya Arts & Science College from Puducherry on 29th Oct, 2010.

CONFERENCES

- Participated in 5 days FDP on **“Advances in Characterization Techniques”** Organized by Presidency University, 2022.
- Participated in one day NATIONAL Workshop on **“Effective Drafting and filling of Patents”** Organized by Annamalai University, 2022.
- Participated in one week National level online FDP on **“Outcome Based Education (OBE)”** in association with IPSR Solution LTD organized by the Internal Quality Assurance Cell (IQAC) of JPM Arts and Science College.
- Participated in the International Conference on **“Advanced Bioscience and Biotechnology”** at Mother Theresa University, Kodaikanal on 23 & 24th February 2023
- Participated in the International Conference on **“Global trends in Applied ”** at REVA UNIVERSITY, Bangalore on 28 & 29th October 2022
- Participated in the International Conference on **“Career Opportunities for Life Science Professionals”** at Theivanai Ammal College for Women, Villupuram on 31st January 2019
- Participated in the International Conference on **“Sustainable Scientific Advancements”** at Sri Vinayaga Arts and Science College, Ulundurpet on 23rd and 24th Feb 2019
- Presented a Paper International Conference on **“Integrative nature of life science and its challenges in Research”** at Theivanai Ammal College for Women, Villupuram on 6th September 2019.
- Participated in the International Conference on **“Wildlife Biodiversity Conservation (NCWBC - 2017)”** at Periyar Govt. Arts College, Cuddalore on 23rd and 24th Feb 2017

WEBINAR

- Participated in the webinar on **“How to Face Challenge?”** at G.T.N arts college, Dindigul on 30th May 2020.
- Participated in the FDP on 1 Week **“ National Level Online Faculty Development Program on Outcome Based Education (OBE) ”** organised by the IQAC of JPM Arts and Science College, Kanchiyar, Iduk in association with ipsr solutions limited, Kottayam from 16 February to 22 February 2023
- Participated in the webinar on **“How to Face Challenge?”** at G.T.N arts college, Dindigul on 30th May 2020.
- Participated in a Webinar on **“Scope for the Utilization of Herbal Medicine for Human Health in COVID -19 like Scenario”** at V.O Chidambaram College, Thoothukudi on 29th May 2020.

- Participated in a Webinar on **“Truths and Facts about COVID – 19”** at Bon Secours college for women, Thanjavur on 28th May 2020.
- Participated in the Webinar on **“Creating Super Power Thought Process”** at G.T.N arts college, Dindigul on 23rd May 2020.
- Participated in the **“IQAC – FDP Webinar Series”** at Dr.R.V Arts and Science College, Coimbatore on 14th May 2020.
- Participated in a Webinar on **“Understanding of Nonlinear Dynamics in Natural Engineering Events”** at PSNA College of Engineering and Technology on 6th June 2020.
- Participated in Webinar on **“Pharmacovigilance and Pharma Production Named as Pharma Expert Talk”** at Pharma tutor edu labs on 6th June 2020.
- Participated in webinar on **“The Elephant Catchers”** at G.T.N arts college, Dindigul on 3rd June 2020.
- Participated in International Webinar Series on **“Forensic science for society”** at G.T.N arts college, Dindigul on 25th, 26th, 30th & 2nd June 2020.
- Participated in International Webinar on **“Do you have a Purpose”** at G.T.N arts college, Dindigul on 1st June 2020.

ACADEMIC ACTIVITIES

- Department Club Co – Ordinator (3 Years)
- Exam committee Member (3 Years)

OTHERS

- EVS Club Co – Ordinator (2 year)
- Literacy Club Co – Ordinator (2 years)
- Online course Co-Ordinator(2 years)

EXTRA CURRICULAR ACTIVITIES.

- Blood Donor. (B⁺ve)
- Environmental activist
- Gardener