

DR. M. THILAGAM PROFILE

NAME: DR. M. THILAGAM

QUALIFICATION: M.Sc., B. Ed., M.Phil., Ph.D., (SET)

NO. OF YEARS OF EXPERIENCE: ON PROBATION

AREA OF EXPERTISE: SECONDARY METABOLITES EXTRACTION, ANTIMICROBIAL AND ANTIOXIDANT ACTIVITIES, NANOPARTICLES AND NANOCELLULOSE SYNTHESIS

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PUBLICATIONS IN PEER REVIEWED IN NATIONAL/INTERNATIONAL JOURNALS

TITLE OF THE PAPER	DATE OF PUBLICATION	NAME OF THE JOURNAL	NATIONAL/ INTERNATIONAL	JOURNAL NUMBER
Phytosynthesis of silver nano particles using medicinal and dye yielding plant of <i>Bixa orellana</i> L.	2013	Journal of pharmaceutical and scientific innovation	National	ISSN 2277-4572
Antioxidant and antimicrobial activities of <i>Bixa orellana</i> leaf extract	2014	International journal of Indigenous medicinal plants	International	ISSN 2051-4263
Synthesis, characterization and antibacterial studies of silvernanoparticles using <i>Lactobacillus plantarum</i>	2015	World journal of pharmaceutical research	International	ISSN 2277-7105
Extraction and characterization of wax from <i>Saccharum spontaneum</i> L	2016	DER Pharmacia Lettre	International	ISSN 0975-5071

WORKSHOP/SEMINARS/CONFERENCE ATTENDED:

- **Poster presented** “ Extraction and characterization of wax from *Saccharum Spontaneum* L.” in the **International conference on medicinal plants and Herbal drugs for human welfare held at University of Madras** on 28th&30th January 2015.
- **Paper presented and Best paper awarded for** “Extraction and characterization of Cellulose and Nanocellulose from *Saccharum Spontaneum* L.” in **the National conference on New Horizons in Plant Biotechnology: Innovative products and applications held at Vellore Institute of technology** on 11th&12th March 2016.
- Participated in **1st international congress of the society for Ethnopharmacology held at Sri Ramachandra University** on 7th&9th March 2014.
- Participated in various national and state level seminars and workshops

ROLES AND RESPONSIBILITIES:

- Member in Women Counselling Committee
- Member in Enviro club
- Class incharge of second year Plant Biology and Plant Biotechnology