

Name : **P.THIVYA**

Designation : Assistant Professor
Dept of Life Science

Qualification : M.Sc., (Ph.D)

Date of Birth : 24-05-1989

E-mail ID : dddivyaec@gmail.com

Mobile Number : 8838319984, 8870133159

Address : 1/123, Pethanenthal, Pudukkottai PO, Karaikudi
TK.Sivagangai DIST-630108

Area of Specialization : Bioelectronics and Biosensors Area
of Research : Biosensor



S.No	Name of the Institution	Period of Service
1.	Dr.Umayal Ramanathan college for Women, Karaikudi.	Aug'20-April'21

Publications

1. P Thivya, DNA mediated electrocatalytic enhancement of α -Fe₂O₃-PEDOT-C-MoS₂ hybrid nanostructures for riboflavin detection on screen printed electrode, RSC Advances 6 (85), 81500-81509 August & 2016
2. P Thivya, Electron rays irradiated polyaniline anchored over bovine serum albumin for simultaneous detection of epinephrine and uric acid, Microchemical Journal, 883-891, 145, March & 2019.

3. P Thivya, Environmental pollutants simultaneous determination: DNA catalyst mediated Polyaniline biocomposite nanostructures, Biocatalysis and Agricultural Biotechnology 21,101352 ,September & 2019
4. P Thivya, Restacked crystallites of β -NiS and Ppy based nanocomposite for determination of theophylline and uric acid on screen printed electrode, New Journal of Chemistry, 48, 19397-19407,Nov& 2019
5. P Thivya, Sensitive voltammetric sensor based on silver dendrites decorated polythiophene nanocomposite: Selective determination of L-Tryptophan, Journal of Molecular Structure ,1205, 127649 April&2020
6. Poly (3, 4-ethylenedioxythiophene)/Taurine biocomposite on screen printed electrode: non-enzymatic Cholesterol biosensor, Microchemical Journal 157, 105037 May&2020
7. P Thivya, Polypyrrole and enzyme free cholesterol flakes based composite: Selective determination of theophylline, urnal of Pharmaceutical and Biomedical Analysis 199, 114065,May&2021

Awards and Achievements



University **4th** Rank holder in BSc., Electronics and Communication (2009-2012), Dr.Umyal Ramanathan College for Women Affiliated by Alagappa University, KaraikudiTamil Nadu, India.

University **1st** Rank holder in MSc., Bioelectronics and Biosensor (2012-2014), AlagappaUniversity, Karaikudi,Tamil Nadu,India