




ARULMIGU PALANIANDAVAR COLLEGE OF ARTS AND CULTURE
(Reaccredited With 'A' Grade by NAAC)
(Run by Arulmigu Dhandayuthapani Swamy Thirukkoil, H.R & C.E (Admin) Dept. Government of Tamilnadu)
(A Government Aided College – Affiliated to Madurai Kamaraj University, Madurai)
DINDIGUL ROAD, PALANI - 624601

Name	P.PRABHAKAR	
Designation	Principal (i/c)	
Qualification	M.Sc.,M.Phil.,Ph.D.,	
Email id	apacacprabhu@gmail.com	
Alternative email id		
Experience	32 years	
Date of joining	27.10.1987	
No. Of Journal Publication (International)	17	
No. Of Journal Publication (National)	6	
No. Of Conference Attended (International)	1	
No. Of Conference Attended (National)	4	

Academic Credentials

Level	Degree	Specialization	University	Year of Completion
UG	B.Sc	Chemistry	Madurai Kamaraj University	1983
PG	M.Sc	Chemistry	Madurai Kamaraj University	1985
M.Phil.,	M.Phil.,	Chemistry	Bharathiar University	1986
Ph.D.,	Ph.D.,	Natural Products Chemistry	Madurai Kamaraj University	1996

****Details of Journal Publications:**

International

1. DE-O-METHYLRACEMOSOL : TETRACYCLIC 2,2-DIMETHYLCHROMAN FROM THE ROOTS OF BAUHINIA RACEMOSA
Phytochemistry, Vol.36, No.3,pp.817-818,1994.
2. HOOKERIANIN : A FLAVONE FROM TEPHROSIA HOOKERIANA
Phytochemistry, Vol.43, No.1,pp.315-316,1996.
3. Tephrorianin : a novel flavones from Tephrosia hookeriana
Fitoterapia Volume LXVIII, No 6, 1997
4. Corrosion inhibition by arginine – Zn²⁺ system
Zastita Materijala 52 (2011) broj²
5. Asafoetida Extract (ASF) as green Corrosion Inhibitor for Mild steel in Sea water
International Research Journal of Environment Science Vol.1(15), 14-21, November (2012)
6. Corrosion Behaviour of Mild steel in simulated concrete pore solution prepared in rain water, well water and sea water
Eur.Chem.Bull.2012, 1(7), 238-240
7. Corrosion inhibition by plant extracts – An overview
Int.J Nano. Corr.Sci.Engg.2(4) (2015) 31-49
8. Electrochemical decolourisation of a blue dye by positive chloride ion produced in-situ
International Journal of Nano Corrosion Science and Engineering 2(5) (2015) 183-196
9. Recent trends in studies on corrosion resistance of steel in simulated concrete pore solutions
Int.J.Nano. Corr.Sci.Engg.2(4) (2015) 10-20
10. Influence of extract of Curcumalonga on the corrosion resistance of mild steel immersed in Simulated Concrete Pore Solution prepared in well water
International Journal of Nano Corrosion Science and Engineering 2(5) (2015) 70-83
11. Green synthesis of violet-blue emitting silver nano particles for applications in UV-LED based phototherapy illuminators by Electrochemical method
International Journal of Nano Corrosion Science and Engineering 2(5) (2015) 157-168
12. International Journal of Nano Corrosion Science and Engineering
Applications of Uv-Visible Absorption Spectroscopy In Corrosion Inhibition Study
Int J Nano Corr Sci and Engg 3(4) (2016) 504-520

- 13 International Journal of Nano Corrosion Science and Engineering
Corrosion Resistance Property of Mild Steel in Simulated Concrete Pore Solution Prepared in Well Water by using A An Aqueous Extract of Neem
Int J Nano Corr Sci and Engg 3(4) (2016) 144 – 156
- 14 Corrosion Resistance Property of Mild Steel in Simulated Concrete Pore Solution Prepared in Well Water by Using an Aqueous Extract of Turmeric
Materials Today : Processing 5(2018) 8789-8795
- 15 Corrosion Inhibition of Mild Steel by an Aqueous Extract of Allium Sativum
European Journal of Biomedical And Pharamaceutical Sciences 2018 Volume 5, Issue 2 838-843
- 16 Corrosion Resistance Property of Mild Steel in Simulated Concrete Pore Solution Prepared in Well Water With Aqueous Extract of Albiza Amara Leaf
European Journal of Biomedical And Pharamaceutical Sciences 2018 Volume 5, Issue 2 949-955
- 17 Inhibition of Corrosion of Mild Steel in Well Water by an Aqueous Extract of Lawsonia Inermis Leaves
International Journal of Research and Analytical Reviews January 2019, Volume 06, Issue 1

National

1. Base-Catalysed Reaction of 1-(2-Hydroxy-4-Methoxyphenyl)-3-Phenyl-1, 3-Propanedione With Aryl Aldehydes
Indian Journal of Heterocyclic Chemistry Vol.4, Oct-Dec.1994, pp.149-150
- 2 Scholars Research Library
Eco friendly extract of Banana peel as corrosion inhibitor for carbon steel in sea water
J.Nat.Prod.Plant Resour., 2012,2 (5):601-610
- 3 Corrosion Resistance Property of An Aqueous Extract of Asafoetida on Mild Steel in Simulated Concrete Pore Solution Prepared in Well Water
Journal of Emerging Technologies and Innovative Research December 2018, Volume 5, Issue 12
- 4 Corrosion Resistance Property of An Aqueous Extract of Lotus on Mild Steel in Presence of SCPS
Journal of Applied Science of Computations Volume VI, Issue I, January 2019-07-19
- 5 Corrosion Inhibition by an Aqueous Extract of Water Tea Dust
Journal of Applied Science and Computations. Volume V, Issue XII, December 2018
- 6 Corrosion Inhibition of Mild Steel in Well Water by an Aqueous Extract of Ahdatoda Vasica (Justicia Adhatoda) Leaves
Journal of Emerging Technologies and Innovative Research December 2018, Volume 5, Issue 12

****Details of Conference/Seminar Attender:**

1. International

International Conference on Co-ordination and Organometallic Chemistry conducted by the Department of Chemistry, Bharathiar University, Coimbatore (19th and 20th March 2009)

2. National

1. Two day Seminar on “Modern Trends in Chemistry” organised by the Department of Chemistry, Vivekananda College, Tiruvedakam, Madurai (30th and 31st January 2002)
2. State Level Seminar on “Quality Enhancement in Higher Education in the Post Accreditation Period – The Challenges and Respsnes” conducted by Arulmigu Palaniandavar College of Arts and Culture, Palani (17th March 2007)
3. UGC sponsored National Conference on “Recent Trends in Coordination and Organometallic Chemistry” conducted by Sri Ramakrishna Mission Vidyalaya College of Arts and Science, Coimbatore (17th and 18th July 2008)
4. UGC Sponsored One Day National Level Seminar on “Recent Trends in Nano-Biotechnology, Bioinformatics, Biodiversity and its Conservation and Environmental Impact of Global Warming” organised by the Department of Zoology, Arulmigu Palaniandavar College of Arts and Culture, Palani (13th October, 2014)