

Mr.A.SATHIYAN

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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	Chemistry	Bharathidasan University	2018
M.Phil	Chemistry	Bharathidasan	2012
B.Ed	Chemistry	Bharathidasan	2008
M.Sc	Chemistry	Bharathidasan	2007
B.Sc	Chemistry	Bharathidasan	2005

Ph.D. Details

Title of Thesis Electrochemical detection of antioxidant using modified nano electrodes	Area of Specialization Electro Chemistry
Research Supervisor Dr. J. Princy Merlin	Research Centre Department of Chemistry, Bishop Heber College
	Year of Award February 2018

Cleared NET / SET : SET	Details 1101493	Year of Passing February 2016
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Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Department of Chemistry, Bishop Heber College, Trichy	Asst. Professor	03.01.2011	till date

Teaching / Research Experience

U.G. : 9 **P.G. :** 9 **M.Phil.** **Ph.D.**

Table of Contents

1.	Conferences / workshops / Seminars Attended	13
2.	Research Papers Presented	0
3.	Publication in Journals	22
4.	Publication in Books	0
5.	Books Published / Edited	0
6.	Conferences / Workshops / Seminars Organised	0
7.	Research Projects	2
8.	Resource Person	0
9.	Consultancy	0
10.	Awards Recieved	0
11.	Patent	0
12.	Extension Activities Undertaken	0
13.	Professional Membership	0
14.	M.Phil. / Ph.D. Produced	0 / 0

1. International level Conference on **"CRIT 2019"** sponsored by Bishop Heber College organized by Bishop Heber College at Trichy during 24/01/2019 to 24/01/2019.
2. International level Conference on **"ICW 2018"** sponsored by ACESSD organized by Mahatma Gandhi university at Kerala during 07/12/2018 to 10/12/2018.
3. International level Conference on **"chemistry for renewable enegy"** sponsored by ugc csir organized by Department of chemistry BHC at Trichy during 25/02/2016 to 26/02/2016.
4. State level Workshop on **"Advances in Nanotechnology fabrication processing and applications"** sponsored by School of Physics Bard organized by School of Physics Bard at Trichy during 28/02/2014 to 01/03/2014.
5. International level Conference on **"chemistry in synergy with materials and biology"** sponsored by UGC organized by Department of chemistry BHC at Trichy during 10/01/2014 to 11/01/2014.
6. National level Conference on **"Recent advances in surface science RASS 2013"** sponsored by ugc csir and dae organized by gandhigram rural institute at dindigul tamil nadu during 14/02/2013 to 15/02/2013.
7. International level Conference on **"international conference on Advanced Oxidation processes AOP 2012"** sponsored by Mahatma gandhi unversity kottayam kerala organized by Mahatma gandhi unversity kottayam kerala at kottayam kerala during 05/10/2012 to 08/10/2012.
8. State level Workshop on **"Bioinformatics on computer Aided Drug design CADD 12"** sponsored by Bshop Heber College organized by Bshop Heber College at Trichy during 05/03/2012 to 01/01/1900.
9. National level Conference on **"emerging trendsin chemistry"** sponsored by UGC organized by Department of chemistry BHC at Trichy during 11/01/2012 to 11/01/2012.
10. National level Workshop on **"Chemistry Our environment our life and our future"** sponsored by UGC organized by Alagappa university at Karaikudi during 22/12/2011 to 23/12/2011.
11. International level Conference on **"Cosmo chemistry"** sponsored by UGC organized by Seethalakshmi ramaswami college at Trichy during 14/09/2011 to 01/01/1900.
12. International level Conference on **"Global competitiveness in biology chemistry and environment"** sponsored by Rev jacob memorial christian college organized by Rev jacob memorial christian college at Ambilikkai, tamil nadu during 03/02/2011 to 01/01/1900.
13. National level Conference on **"biotechnology its advent and future promises"** sponsored by UGC organized by Bishop heber college at Trichy during 06/01/2011 to 01/01/1900.

1. **""Layered Nanocomposite of Zinc Sulfide Covered Reduced Graphene Oxide and Their Implications for Electrocatalytic Applications"** published in Ultrasonics Sonochemistry (PEER REVIEW) Vol. 64, Issue No. 105036, June 2020 ISSN : 1350-4177.
Impact factor , Scopus Index , h - index , Citation index 6.83
2. **"Sonochemical Synthesis and Fabrication of Neodymium Sesquioxide Entrapped with Graphene Oxide based Hierarchical Nanocomposite for Highly Sensitive Electrochemical Sensor of Anti-cancer (Raloxifene) Drug"** published in Ultrasonics Sonochemistry (PEER REVIEW) Vol. 64, Issue No. 104749, June 2020 ISSN : 1350-4177.
Impact factor , Scopus Index , h - index , Citation index 6.83
3. **"Study on the electrochemical behavior of BiVO₄/PANI composite as a high performance supercapacitor material with excellent cyclic stability"** published in Journal of Electroanalytical Chemistry (PEER REVIEW) Vol. 861, Issue No. 113972, March 2020 ISSN : 1572-6657.
4. **"A novel electrochemical sensor for determination of DNA damage biomarker (8-hydroxy-2'-deoxyguanosine) in urine using sonochemically derived graphene oxide sheets covered zinc oxide flower modified electrode"** published in Ultrasonics Sonochemistry (PEER REVIEW) Vol. 58, Issue No. 104622, November 2019 ISSN : 1350-4177.
Impact factor , Scopus Index , h - index , Citation index 6.83
5. **"Electrochemical Performance of L-Tryptophanium picrate as an efficient electrode material for Supercapacitor Application."** published in Physical Chemistry Chemical Physics (PEER REVIEW) Vol. 21, Issue No. 11829-11838, May 2019 ISSN : 1463-9076.
6. **"Microwave-assisted synthesis of gadolinium(III) oxide decorated reduced graphene oxide nanocomposite for detection of hydrogen peroxide in biological and clinical samples"** published in Journal of Electroanalytical Chemistry (PEER REVIEW) Vol. 837, Issue No. , March 2019 ISSN : ---.
7. **"Polyaniline based charcoal/Ni nanocomposite material for high performance supercapacitors."** published in RSC (PEER REVIEW) Vol. , Issue No. , January 2018 ISSN : ---.
8. **"Photocatalytic Degradation of Rhodamine B Using Zinc Oxide Activated Charcoal Polyaniline Nanocomposite and Its Survival Assessment Using Aquatic Animal Model."** published in ACS (PEER REVIEW) Vol. 6, Issue No. 1, November 2017 ISSN : ---.
9. **"Electrochemical Detection of Norepinephrine Using Sponge-like Co₃O₄ Modified Screen Printed Carbon Electrode"** published in IJEC (PEER REVIEW) Vol. , Issue No. , November 2017 ISSN : 1452-3981.
10. **"Electro-organic synthesis of 2-(4,5-diphenyl-1H-imidazol-2-yl)phenol in Aqueous medium for organic monomer based Supercapacitor electrode"** published in Electrochim. Acta (PEER REVIEW) Vol. , Issue No. , October 2017 ISSN : 0013-4686.
11. **"Reduced Graphene Oxide Supported Cobalt Bipyridyl Complex for Sensitive Detection of Methyl Parathion in Fruits and Vegetables"** published in Electroanalysis (PEER REVIEW) Vol. 29, Issue No. 8, August 2017 ISSN : 1365-2575.

12. **"Electrochemical Sensing of Dopamine using Polyaniline/ Copper Nanocomposite"** published in Journal of Advanced Chemical Sciences (PEER REVIEW) Vol. 3, Issue No. 2, June 2017 ISSN : 2394-5311.
13. **"Determination of Folic Acid Using Graphene/Molybdenum Disulfide Nanosheets/Gold Nanoparticles Ternary Composite"** published in International journal of electrochemical science (PEER REVIEW) Vol. 12, Issue No. , December 2016 ISSN : 1452-3981.
14. **"Highly Sensitive Determination of Folic Acid Using Graphene Oxide Nanoribbon Film Modified Screen Printed Carbon Electrode"** published in international journal of electrochemical science (PEER REVIEW) Vol. 12, Issue No. , December 2016 ISSN : ---.
15. **"Polyaniline nickel Composite Film Modified Electrode for Sensitive Electrochemical Determination of Ascorbic Acid"** published in international journal of electrochemical science (PEER REVIEW) Vol. 11, Issue No. , November 2016 ISSN : ---.
16. **"Simultaneous determination of dopamine and uric acid in the presence of high ascorbic acid concentration using cetyltrimethylammonium bromide polyaniline/activated charcoal composite"** published in RSC Advances (PEER REVIEW) Vol. 6, Issue No. , October 2016 ISSN : ---.
17. **"Molybdenum disulfide nanosheets coated multiwalled carbon nanotubes composite for highly sensitive determination of chloramphenicol in food samples milk, honey and powdered milk"** published in journal of colloidal and interface science (PEER REVIEW) Vol. , Issue No. , September 2016 ISSN : ---.
18. **"Sensitive and Selective Determination of Uric Acid Using Polyaniline and Iron Composite Film Modified Electrode"** published in international journal of electrochemical science (PEER REVIEW) Vol. 10, Issue No. 11, September 2016 ISSN : 1452-3981.
19. **"ELECTROCATALYTIC OXIDATION OF CYANOCOBALAMIN BY MODIFIED NANO CUO/ GC ELECTRODE"** published in INTERNATIONAL JOURNAL OF UNIVERSAL PHARMACY AND BIO SCIENCES (PEER REVIEW) Vol. , Issue No. , September 2014 ISSN : ---.
20. **"Mediatorless Microbial Fuel Cell with Nafion-115 and Salt bridge as Proton Exchange Membrane"** published in Indian Journal of Applied Research (PEER REVIEW) Vol. 4, Issue No. 8, August 2014 ISSN : 2249-555X.
21. **"ELECTROCHEMICAL OXIDATION OF VITAMIN C MEDIATED BY NANO ZrO₂ MODIFIED GC ELECTRODE"** published in INTERNATIONAL JOURNAL OF UNIVERSAL PHARMACY AND BIO SCIENCES (PEER REVIEW) Vol. , Issue No. , May 2014 ISSN : ---.

1. Minor project entitled **"Recovery of copper nanoparticles from waste SIM cards for Supercapacitor Electrode Materials"** (*PRINCIPAL INVESTIGATOR*), Sponsored by TNSCST, during 19/03/2020 to Till Date [Ongoing].
2. Minor project entitled **"nano modified electrochemical sensors for biologically significant antioxidants"** (*PRINCIPAL INVESTIGATOR*), Sponsored by UGC, during 29/01/2015 to 7/7/2018 [Ongoing].



Signature of Staff
(A.SATHIYAN)