

Dr.C.RAJA

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Qualification

Degree	Branch	Institution / University	Year of Passing
Ph.D	chemistry	Bharathidasan	2006
M.Phil	chemistry	Bharathidasan	1992
M.Sc	chemistry	Bharathidasan	1990
B.Sc	chemistry	Bharathidasan	1988

Ph.D. Details

Title of Thesis	Area of Specialization	Research Supervisor	Research Centre	Year of Award
Study of inhibitive corrosion of aluminium using by some Quaternary ammonium salts in NaOH solution	Corrosion	Dr. Jeyaraj	Bishop Heber College	January 2006

Additional Qualification

Name of Course	Place of Study	Date	Duration
B.Ed	Madurai Kamaraj university	May 1992	one year
PG Diploma in chem informatics	Delhi	May 2006	1 year

Work Experience

Name of Institution	Address of Institution	Designation	From	To
Bishop Heber College	Bishop Heber College,T03iruchy-17	Assistant professor	June1994	till date

Teaching / Research Experience

U.G. : 21 P.G. : 21 M.Phil. 5 Ph.D. 3

Research Guidance**U.G. :** Nil**P.G. :** 21**M.Phil. :** 5**Ph.D. :** 3**Field Experience**

Type	Name of the Sector	Designation	From	To
-	-	-	-	-

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13.	Professional Membership	0
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1. International level Conference on **"FAMA 2018"** sponsored by Pg and Research Department organized by Pg and Research Department at Bishop heber college during 09/01/2018 to 01/01/1900.
2. International level Conference on **"International conference"** sponsored by UGC organized by PG and research Department at Bishop Heber College during 25/02/2016 to 26/02/2016.
3. International level Conference on **"ICMB_2014"** sponsored by UGC organized by PG and research Department at Bishop Heber College during 10/01/2014 to 11/01/2014.
4. National level Conference on **"NCETC 2012"** sponsored by UGC organized by PG and research Department at Bishop Heber College during 11/01/2012 to 11/01/2012.



1. **"A study of Aluminium corrosion using Adhatoda-Vasica extract and inhibitor in alkaline medium"** in the International conference on *International conference on Frontiers in Advanced Materials and their Applications* sponsored by , organized by PG and Research Department of Chemistry at Bishop Heber College during 09/01/2018 to 09/01/2018.
2. **"Corrosion inhibition of aluminium in alkaline media by aegle Marmelos leaf extract"** in the International conference on *International conference on Frontiers in Advanced Materials and their Applications* sponsored by , organized by PG and Research Department of Chemistry at Bishop Heber College during 09/01/2018 to 09/01/2018.
3. **"Inhibitive influence of Isonicotinohydrazide on the corrosion of aluminium in 2.0M HCl medium"** in the National conference on *Emerging Trends in Chemistry* sponsored by UGC, organized by Department of Chemistry at Bishop Heber College, Tiruchy during 11/01/2012 to 01/01/1900.
4. **"Influence of 3-Methyl-2,6-Diphenylpiperidin-4-one on corrosion of aluminium in 1.0N NaOH"** in the National conference on *Emerging Trends in Chemistry* sponsored by UGC, organized by Department of Chemistry at Bishop Heber College, Tiruchy during 11/01/2012 to 11/01/2012.
5. **"Phytohemial analysis of Abrus Precatorius"** in the National conference on *Emerging Trends in Chemistry* sponsored by UGC, organized by Department of Chemistry at Bishop Heber College, Tiruchy during 11/01/2012 to 01/01/1900.
6. **"Eircro-Oxidation of 3.5-Diiodosalicylic acid"** in the National conference on *National Conference on Recent Trends in Organi Synthesis* sponsored by UGC-SAP, organized by School of Chemistry, Bharathidasan University at Tiruchy during 24/02/2011 to 26/02/3011.
7. **"Antimiicrobial activity of Monoethyl phthalate synthesised by electro esterfication"** in the National conference on *Biotechnology-Its advent and future promises* sponsored by UGC, organized by Biotechnology & Bioinformatics Department, Bishop Heber College at Tiruchy during 06/01/2011 to 01/01/1900.
8. **"Influence of Isoleucine on the corrosion of aluminium in 1.0N NaOH"** in the National conference on *Recent Trends in Chemistry* sponsored by , organized by Jayaraj Annapackiam college for women at Periyakulam during 05/02/2010 to 01/01/1900.
9. **"Effect of 4-(4-chlorophenylazo) benzene-1-3 diol on the rate of corrosion of aluminium in 1.0N NaOH"** in the National conference on *Recent Advances in Electroanalytical techniques* sponsored by UGC, organized by Gandhigram Rural Institute at Dindugal during 01/02/2010 to 01/01/1900.
10. **"Effect of (E) 2-(4-Chlorophenylaminomethyl)phenol on the corrosion of mild steel in 1.0N HCl on the corrosion of aluminium in 1.0N NaOH"** in the National conference on *Recent Advances in Chemistry* sponsored by UGC, organized by Bishop Heber College at Tiruchy during 18/09/2009 to 18/09/2009.
11. **"Corrosion of aluminium in alkaline medium"** in the National conference on *Recent Advances in Chemistry* sponsored by UGC, organized by Bishop Heber College at Tiruchy during 18/09/2009 to 01/01/1900.
12. **"Effect of 2-(4 N,N Dimethylaminophenyl) benzoic acid on the corrosion of Mild steel in 1.0M HCl"** in the National conference on *Recent Advances in Chemistry* sponsored by UGC, organized by Bishop Heber College at Tiruchy during 18/09/2009 to 01/01/1900.
13. **"Effect of 2-(Iminomethyl) phenol on the corrosion of aluminium in 1.0N NaOH"** in the National conference on *Frontiers in chemistry Resrarch* sponsored by DST-FIST, organized by Department of chemistry, Holy Cross College at Tiruchy during 05/12/2008 to 01/01/1900.
14. **"A Study of Inhibitive influence of 2-hydroxybenzaldehyde semicarbazone on the orrosion of aluminium in 1.0N NaOH"** in the Select conference on *Recent Trends in Chemistry* sponsored by , organized by Bishop Heber College at Tiruchy during 12/10/2007 to 01/01/1900.

15. **"inhibition of corrosion of Mild Steel in 1.0 M HCl by o-methoxy-pHydroxybenzalaniline"** in the National conference on *Recent Trends in Chemistry* sponsored by , organized by Bishop Heber College at Tiruchy during 12/10/2007 to 01/01/1900.
16. **"Effect of 2-4 N,N Dimethylaminophenylazo benzoic acid on the corrosion of Mild steel in 1.0M HCl"** in the National conference on *Recent Trends in Chemistry* sponsored by , organized by Bishop Heber College at Tiruchy during 12/10/2007 to 01/01/1900.
17. **"Influence of 2-Carboxy -4-N-N-dimethylamino benzene on the corrosion of mild steel in 2 M HCl"** in the State conference on *Emerging Trends in Chemistry* sponsored by UGC, organized by Jamal Mohamed College at Tiruhy during 09/03/2006 to 01/01/1900.
18. **"Anode developmet corrosion inhibition"** in the International conference on *Life through Chemistry* sponsored by , organized by Ponnaiyah Ramajayam College at Thanjavur during 25/02/2006 to 26/02/2006.
19. **"Effect of 2-4 N,N Dimethylaminophenylazo benzoic acid in conjution with CaO on the corrosion of aluminium in 1.0N NaOH"** in the International conference on *International conference on spectrophysics* sponsored by , organized by pachayappas college at Chennai during 09/02/2005 to 01/01/1900.
20. **"Influence of 3--Nitro-4-N-N-dimethylaminoazobenzene on the orrosion of mild steel in 2 M HCl"** in the International conference on *International conference on spectrophysics* sponsored by , organized by pachayappas college, at Chennai during 09/02/2005 to 12/02/2005.
21. **"Effect of 2-4 N,N Dimethylaminophenylazo benzoic acid in conjution with CaO on the corrosion of aluminium in 1.0N NaOH"** in the International conference on *International conference on spectrophysics* sponsored by , organized by pachayappas college at Chennai during 09/02/2005 to 12/02/2005.
22. **"Influence of 3--Nitro-4-N-N-dimethylaminoazobenzene on the orrosion of mild steel in 2 M HCl"** in the International conference on *International conference on spectrophysics* sponsored by , organized by pachayappas college at Chennai during 09/02/2005 to 12/02/2005.
23. **"Effect of 2-4 N,N Dimethylaminophenylazo benzoic acid in conjution with CaO on the corrosion of aluminium in 1.0N NaOH"** in the International conference on *International conference on spectrophysics* sponsored by , organized by pachayappas college at Chennai during 09/02/2005 to 12/02/2005.
24. **"Use of Tetra-n-propyl ammonium bromide along with calcium oxide for the inhibition of crossion of aluminium in 4N NaOH"** in the International conference on *Advances in Electrochemical Science and Technology* sponsored by -, organized by ISAEST at Chennai during 27/11/2002 to 29/11/2002.
25. **"Cadmium removal by adsorption dynamis and pollutant effets participated"** in the National conference on *pollution -A Threat to the Na* sponsored by UGC, organized by Bishop Heber College at Bishop Heber College, Tiruchy during 08/03/2001 to 01/01/1900.
26. **"inhibition of corrosion of aluminium in 4.0N NaOH by tetra ethyl ammonium bromide in the presence of calcium Oxide"** in the Select conference on sponsored by , organized by at during 10/11/2000 to 10/11/2000.

1. **"Synthesis structure and sinterability of Al7075 alloy - ,X vol % Al₂O₃ composite and corrosion study"** published in (PEER REVIEW) Vol. 984-985, Issue No. , July 2014 ISSN : ---.
2. **"Synthesis and characterization of Al7075,Al7075-10 vol% Al₂O₃ composite prepared by high energy ball milling"** published in International journal of Applied Mechanics and materials (PEER REVIEW) Vol. 592-594, Issue No. , July 2014 ISSN : ---.
3. **"Synthesis structure and sinterability of Al7075 alloy - ,X vol % Al₂O₃ composite prepared by high energy ballmilling"** published in The Royal society of chemistry (PEER REVIEW) Vol. , Issue No. , January 2012 ISSN : ---.
4. **"Kinetics of aquation of the surfactant coordination complex ion Cis-[Cr(en)₂ [DDA]Cl²⁻]"** published in International journal of current Research (PEER REVIEW) Vol. 2, Issue No. 1, January 2011 ISSN : ---.
5. **"Use of Tetra-n- propylammonium bromide along with calcium oxide for the inhibition aluminium in 4.0N NaOH"** published in Transaction of SAEST (PEER REVIEW) Vol. 34, Issue No. 1, January 2007 ISSN : ---.
6. **"Effect of Arginine in conjunction with Calcium oxide on the corrosion of aluminium in 1.0N NaOH"** published in Transaction of SAEST (PEER REVIEW) Vol. 40, Issue No. , January 2005 ISSN : ---.
7. **"2,2-Dicarboxylato-4-Hydroxyazobenzene as corrosion inhibitor for aluminium in Sodium Hydroxide"** published in Transaction of SAEST (PEER REVIEW) Vol. 40, Issue No. , January 2005 ISSN : ---.
8. **"Inhibition of corrosion of aluminium in 4.0 N NaOH by Lysine"** published in Transaction of SAEST (PEER REVIEW) Vol. 38, Issue No. 1, January 2003 ISSN : ---.
9. **"Corrosion and inhibition studies on commercial mild steel in the presence of 2-4, Dinitrophenylhydrazone of cyclohexanone"** published in Transaction of SAEST (PEER REVIEW) Vol. 38, Issue No. 1, January 2003 ISSN : ---.
10. **"Tnhibition of corrosion of Aluminium in 4.0N NaOH by catechol in conjection with calcium oxide"** published in Transaction of SAEST (PEER REVIEW) Vol. 37, Issue No. 1, January 2002 ISSN : ---.
11. **"Anode Development for alkaline Al air battery using organic acids as inhibitors in conjection with calciun acetate"** published in Transaction of SAEST (PEER REVIEW) Vol. 36, Issue No. , July 2001 ISSN : ---.

12. **"Inhibition of corrosion of aluminium in 4.0 N NaoH by Tetraethyl ammonium bromide in the presence of calcium oxide"** published in Transaction of SAEST (PEER REVIEW) Vol. 36, Issue No. , July 2001 ISSN : ---.
13. **"Pollution load of temple ponds at tiruchirapalli"** published in Journal of Ecotoxicology and environmental monitoring (PEER REVIEW) Vol. 11, Issue No. , June 2001 ISSN : ---.

Conferences / Workshops / Seminars Organised

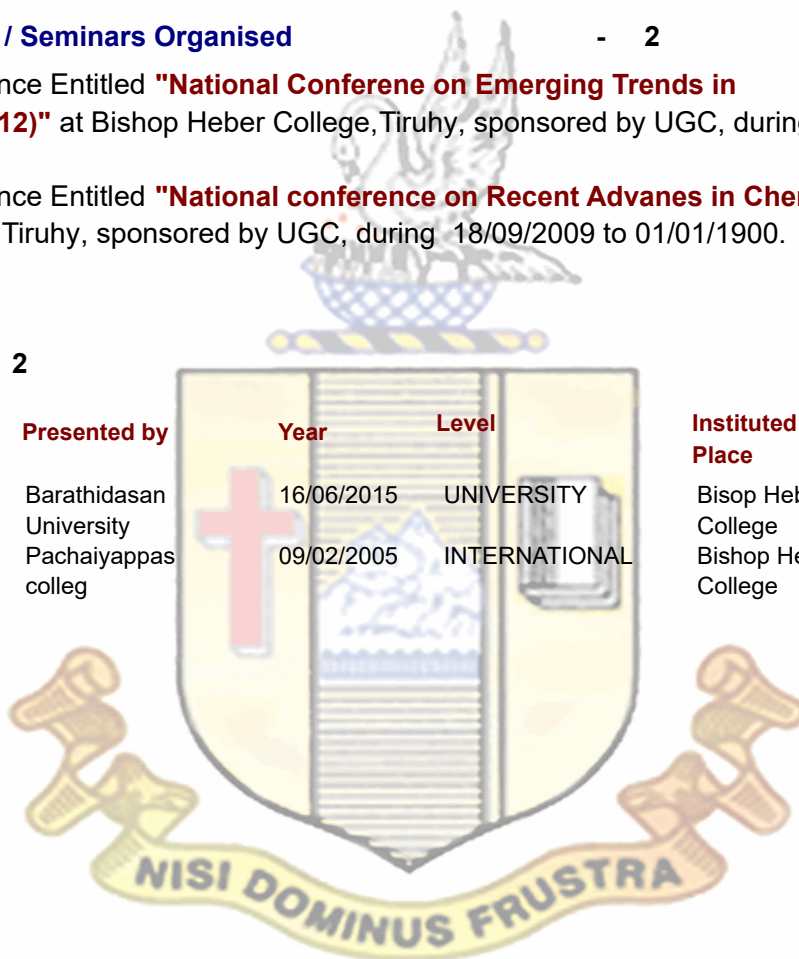
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1. National level Conference Entitled **"National Conferene on Emerging Trends in Chemistry(NCETC-2012)"** at Bishop Heber College,Tiruh, sponsored by UGC, during 11/01/2012 to 01/01/1900.
2. National level Conference Entitled **"National conference on Recent Advanes in Chemistry"** at Bishop Heber College,Tiruh, sponsored by UGC, during 18/09/2009 to 01/01/1900.

Awards Recieved

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Award Name	Presented by	Year	Level	Instituted by / Place	amount
Best NSS Program Officer Award	Barathidasan University	16/06/2015	UNIVERSITY	Bisop Heber College	
Best paper award	Pachaiyappas colleg	09/02/2005	INTERNATIONAL	Bishop Heber College	



- # REGIONAL level ORIENTATION on **"Zonal Orientation programme for Academic counsellors of B.Sc(CHEM)/PGDAC/CPLT"** Sponsored by IGNOU, Organized by IGNOU,Regional Centre,Trivandrum,Kerala at Trivandrum during 04/12/2016 - 05/12/2016.
- # COLLEGE level on **"Workshop on R Programming"** Sponsored by DST-FIST, Organized by Department of Maths & Internal Quality Assurance Cell at Bishop Heber College during 02/04/2016 - 01/01/1900.
- # NATIONAL level REFRESHER on **"Refresher course"** Sponsored by UGC, Organized by UGC - Academic Staff College, Bharathidasan university at Bharathidasan University during 28/01/2015 - 17/02/2015.
- # COLLEGE level Workshop on **"Quality Research Report Writing"** Sponsored by Bharathidasan University, Organized by Curriculum Development Cell at Bharathidasan University, Tiruchy during 28/02/2014 - 01/01/1900.
- # NATIONAL level on **"State Level National Integration Camp"** Sponsored by NSS, Organized by Sri Devaraj Urs Academy of Higher Education & Research at Kolar,Karnataka during 21/02/2014 - 27/02/2014.
- # COLLEGE level Awareness Program on **"Science Awareness Program"** Sponsored by Indira Gandhi centre for Atomic Research ,Kalpakkam, Organized by Society for Advancement of Chemical Sciences and Education (SACSE) at Bishop Heber College,Tiruchy during 07/02/2014 - 08/02/2014.
- # COLLEGE level on **"Training and Awareness Program for Tree Cover Assessment to Combat Pollution in Trichy"** Sponsored by Forest College and Research Institute, Organized by Tamil Nadu Agricultural University at Kalayarangam Kalyana Mandapam,Tiruchy during 04/02/2014 - 01/01/1900.
- # NATIONAL level on **"National Students Assembly and The Launching of Human Values"** Sponsored by (AIACHE) New Delhi, Organized by All India Association for Christian Higher Education, at Bishop Heber College during 28/12/2013 - 30/12/2013.
- # REGIONAL level on **"Special Training Programme for the Acsdemic Counsellors"** Sponsored by Indra Gandhi National University, Organized by IGNOU,New Delhi at Bishop Heber College during 19/10/2013 - 01/01/1900.
- # NATIONAL level REFRESHER on **"Refresher course"** Sponsored by UGC, Organized by UGC - Academic Staff College, Bharathidasan university at B during 01/12/2011 - 21/12/2011.
- # COLLEGE level on **"Campus waste management"** Sponsored by United Board, Organized by Department of Environmental Sciences at Bishop Heber College,Tiruchy during 26/08/2011 - 01/01/1900.
- # REGIONAL level ORIENTATION on **"Orientation course"** Sponsored by Ministry of youth Affairs and sports, Government of India, Organized by (NSS) Empanelled Training Institution,Madras Social Work at Chennai during 25/07/2011 - 30/07/2011.
- # COLLEGE level workshop on **"Examination Reforms & Evaluation"** Sponsored by Bishop Heber College, Organized by Internal Quality Assurance Cell at Bishop Heber College,Tiruchy during 11/02/2011 - 12/02/2011.
- # NATIONAL level ORIENTATION on **"Orientation course"** Sponsored by UGC, Organized by UGC - Academic Staff College, Bharathidasan university at Bharathidasan University during 02/03/2010 - 29/03/2010.
- # COLLEGE level workshop on **"Cyclic Voltammetric studies and its applications"** Sponsored by UGC & DST-FIST, Organized by P.G. and Research Department of Chemistry at Bishop Heber College,Tiruchy during 20/12/2008 - 01/01/1900.
- # COLLEGE level Workshop on **"Curriculum Development and Evalution"** Sponsored by UGC & TANSCH, Organized by Bharathidasan University at Bishop Heber College,Tiruchy during 09/03/2006 - 11/03/2006.



Signature of Staff
(C.RAJA)