

Dr.S.ISAIAH

Associate Professor,
Department of Chemistry,
Bishop Heber College,
Tiruchirappalli - 17.

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Qualification

| Degree | Branch | Institution / University | Year of Passing |
|--------|--------|--------------------------|-----------------|
| Ph.D | | Bharathidasan University | 2008 |
| M.Phil | | Madras | 1993 |
| M.Sc | | Madras | 1991 |
| B.Sc | | Madras | 1987 |

Ph.D. Details

| Title of Thesis | Area of Specialization | Research Supervisor | Research Centre | Year of Award |
|--|------------------------|----------------------|----------------------|---------------|
| Low cost readily available adsorbents and their use in the removal of heavy metal pollutants | Adsorption | Prabavathi Nagarajan | Bishop Heber College | August 2008 |

| Cleared NET / SET : | Details | Year of Passing |
|---------------------|---------|-----------------|
| | | |

Additional Qualification

| Name of Course | Place of Study | Date | Duration |
|----------------|----------------|------------|----------|
| PGDLIS | MCC, Chennai | April 1989 | One year |

Work Experience

| Name of Institution | Address of Institution | Designation | From | To |
|----------------------|-------------------------|--|------------|------------|
| Almarai Dairy Co | Riyadh KSA | Quality Assurance and Laboratory Manager | 01-08-1993 | 31-12-2000 |
| Bishop Heber College | Tiruchirappalli-620017. | Assistant Professor | 01-12-2000 | 01-05-2001 |
| Bishop Heber College | Trichy 620017 | Lcturer | 21-06-2001 | Till date |

Teaching / Research Experience**U.G. :** 23 years**P.G. :** 23 years**M.Phil.** 15 years**Ph.D.**

10 years

Field Experience

| Type | Name of the Sector | Designation | From | To |
|----------|-------------------------------|--------------------------------------|----------|------------|
| Industry | Almarai Dairy Co. Riyadh KSA. | Quality Assurance and Laboratory Man | 8/1/1993 | 12/31/2000 |

Table of Contents

| | | |
|-----|---|--------------|
| 1. | Conferences / workshops / Seminars Attended | 29 |
| 2. | Research Papers Presented | 23 |
| 3. | Publication in Journals | 11 |
| 4. | Publication in Books | 0 |
| 5. | Books Published / Edited | 0 |
| 6. | Conferences / Workshops / Seminars Organised | 3 |
| 7. | Research Projects | 0 |
| 8. | Resource Person | 17 |
| 9. | Consultancy | 0 |
| 10. | Awards Recieved | 1 |
| 11. | Patent | 1 |
| 12. | Extension Activities Undertaken | 0 |
| 13. | Professional Membership | 7 |
| 14. | M.Phil. / Ph.D. Produced | 0 / 0 |

1. International level Conference on **"International Conference on Chemistry for Renewable Energy (ICCRE-2016)"** sponsored by Bishop Heber College organized by Dept of Chemistry at Tiruchirappalli during 25/02/2016 to 26/02/2016.
2. International level Conference on **"International Conference on Chemical and Environmental Research (ICCER)"** sponsored by Jamal Mohamed College organized by Dept of Chemistry at Tiruchirappalli during 17/12/2015 to 17/12/2015.
3. National level Seminar on **"National Conference on Emerging trends in Chemistry"** sponsored by Bishop Heber College organized by UGC at Tiruchirappalli during 11/01/2012 to 11/01/2012.
4. National level Seminar on **"National seminar on Traditional and modern medicine current trends and future prospectus"** sponsored by Bishop Heber College organized by Dept of Chemistry at Tiruchirappalli during 25/02/2011 to 25/02/2011.
5. National level Conference on **"National Conference on Recent advances in Chemistry"** sponsored by Bishop Heber College organized by Dept of Chemistry at Tiruchirappalli during 18/09/2009 to 18/09/2009.
6. National level Seminar on **"Recent advances in Biotechnology"** sponsored by Bishop Heber College organized by PG and Research Dept of Biotechnology at Tiruchirappalli during 18/03/2009 to 18/03/2009.
7. National level Seminar on **"National seminar on sensors and its applications"** sponsored by National Institute of Technology Trichy organized by National Institute of Technology Trichy at Tiruchirappalli during 07/12/2008 to 08/12/2008.
8. National level Conference on **"National Conference on Nanomaterials preparation and characterization and devices"** sponsored by Bishop Heber College organized by Dept of Physics at Tiruchirappalli during 14/03/2008 to 14/03/2008.
9. National level Conference on **"National Conference on Recent Trends in Chemistry"** sponsored by Bishop Heber College organized by Dept of Chemistry at Tiruchirappalli during 12/10/2007 to 12/10/2007.
10. International level Conference on **"The Challenges and strategies for the sustainability of safe drinking water"** sponsored by Gandhigram Rural Institute organized by Dept of Chemistry at Dindugul during 25/12/2006 to 27/12/2006.
11. National level Conference on **"Holistic Water Resources Management"** sponsored by Crescent Engineering College organized by Crescent Engineering College at Vandalur, Chennai during 01/12/2006 to 01/12/2006.
12. National level Conference on **"Water and Waste Water Management"** sponsored by JJ College of Engineering Technology organized by JJ College of Engineering Technology at Tiruchirappalli during 24/08/2006 to 25/08/2006.
13. National level Seminar on **"Emerging trends in Chemistry"** sponsored by Cardamom Planters Association College organized by Dept of Chemistry at Bodinayakanur, Theni during 26/07/2006 to 27/07/2006.
14. National level Seminar on **"Current trends in Green Chemistry"** sponsored by SRM Institute of Science and Technology organized by SRM Institute of Science and Technology at Kattangulathur, Chennai during 06/04/2006 to 07/04/2006.
15. National level Seminar on **"Modern Trends in Mathematics with relevance to other Disciplines"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 06/03/2006 to 07/03/2006.
16. International level Conference on **"International Conference on Life through Chemistry"** sponsored by Ponnaiah Ramajeyam College of Arts and Science organized by Ponnaiah Ramajeyam College of Arts and Science at Vallam during 25/02/2006 to 26/02/2006.
17. International level Conference on **"Environmental Geosciences"** sponsored by Anna University organized by Dept of Geology at Chennai during 15/02/2006 to 16/02/2006.

18. National level Conference on **"National Conference on Frontiers in Environmental Sciences and Engineering in India"** sponsored by Bharathiyar University organized by Dept of Environmental Science at Coimbatore during 15/09/2005 to 17/09/2005.
19. State level Seminar on **"Emerging trends in Risk assessment and remedial measures of Environment Pollution"** sponsored by TBML College organized by TBML College at Poraiyur during 11/08/2005 to 12/08/2005.
20. National level Workshop on **"National Level Symposium on Recent Developments in Bio inorganics"** sponsored by National Institute of Technology Trichy organized by Dept of Chemistry at Tiruchirappalli during 01/10/2004 to 02/10/2004.
21. Regional level Workshop on **"Current Research Trends"** sponsored by Kongu Arts and Science College organized by Dept of Chemistry at Coimbatore during 10/09/2004 to 01/01/1900.
22. State level Conference on **"Environment Impact assessment"** sponsored by ADM College for Women organized by ADM College for Women at Nagapattinam during 02/09/2004 to 03/09/2004.
23. National level Conference on **"National Convention of Electrochemist (NCE-11)"** sponsored by Bishop Heber College organized by Bishop Heber College at Tiruchirappalli during 26/12/2003 to 27/12/2003.
24. National level Seminar on **"Current trends in Chemistry"** sponsored by Madurai Kamaraj University organized by Madurai Kamaraj University at Madurai during 21/07/2003 to 22/07/2003.
25. International level Conference on **"Sustainable development and Management of Natural Resources"** sponsored by Holy Crss College organized by Holy Crss College at Tiruchirappalli during 15/03/2003 to 17/03/2003.
26. National level Conference on **"Bio active poly phenols"** sponsored by Anjaliammal Mahalingam Engineerign College organized by Anjaliammal Mahalingam Engineerign College at Thiruvavur during 10/03/2003 to 11/03/2003.
27. National level Conference on **"Recent advances in Material Sciences"** sponsored by Nehru Memorial College organized by Nehru Memorial College at Puthanampatti during 09/12/2002 to 12/12/2002.
28. National level Conference on **"Advances in Natural products chemistry"** sponsored by St Josephs College organized by St Josephs College at Tiruchirappalli during 21/02/2002 to 21/02/2002.
29. National level Conference on **"Pollution a threat to Nation"** sponsored by Bishop Heber College organized by Dept of Chemistry at Tiruchirappalli during 08/03/2001 to 09/03/2001.

1. **"Phytochemical Screening, Antimicrobial and Anti-cancer activity of Shuteria involucrata"** in the International conference on *International Conference on Chemistry for Renewable Energy (ICCRE-2016)* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 25/02/2016 to 26/12/2016.
2. **"Phytochemical and Antimicrobial activity of various extracts of Shuteria involucrata"** in the International conference on *International Conference on Chemical and Environmental Research (ICCER)* sponsored by Jamal Mohamed College, organized by Dept of Chemistry at Tiruchirappalli during 17/12/2015 to 17/12/2015.
3. **"Assessment of Ground water quality in and around somerasampettai, Tiruchirappalli"** in the National conference on *National Conference on Recent advances in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 18/09/2009 to 18/09/2009.
4. **"Pollution and its control in sugar industry"** in the National conference on *National Conference on Recent advances in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 18/09/2009 to 18/09/2009.
5. **"Spectral studies on Cobalt(II) complexes of phenyl butazone"** in the National conference on *National Conference on Recent advances in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 18/09/2009 to 18/09/2009.
6. **"Study on the effect of Fe₃O₄ nano particles in the removal of Arsenic"** in the National conference on *National Conference on Nanomaterials preparation and characterization and devices* sponsored by Bishop Heber College, organized by Dept of Physics at Tiruchirappalli during 14/03/2008 to 14/03/2008.
7. **"Removal of Hg(II) from aqueous solution using saw dust of Azadirachta indica"** in the National conference on *National Conference on Recent trends in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 12/10/2007 to 12/10/2007.
8. **"Removal of copper from aqueous solution using saw dust of Thespsia pupulnea (Poovarasu tree)"** in the National conference on *National Conference on Recent trends in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 12/10/2007 to 12/10/2007.
9. **"Removal of Cr(VI) from aqueous solution using saw dust of Tamarindus indica (Tamarind tree)"** in the National conference on *National Conference on Recent trends in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 12/10/2007 to 12/10/2007.
10. **"Removal of Ni(II) from aqueous solution using saw dust of Mangifera indica (Mango tree)"** in the National conference on *National Conference on Recent trends in chemistry* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 12/10/2007 to 12/10/2007.
11. **"Adsorption of Cadmium(II) from from aqueous solution on to activated carbon from a indigenous tree"** in the International conference on *The challenges and strategies for the sustainability of safe drinking water* sponsored by Gandhigram Rural Institute, organized by Dept of Chemistry at Dindugul during 25/12/2006 to 27/12/2006.
12. **"Activated carbon from Prosopis chilensis as adsorbent for the removal of mercury(II) from aqueous solutions"** in the National conference on *Holistic Water Resources management* sponsored by Crescent Engineering College, organized by Crescent Engineering College at Vandalur, Chennai during 01/12/2006 to 01/12/2006.
13. **"Removal of mercury from aqueous solution by pyrolysis processed carbon"** in the National conference on *Water and waste water management* sponsored by JJ College of Engineering and Technology, organized by JJ College of Engineering and Technology at Tiruchirappalli during 24/08/2006 to 25/08/2006.

14. **"Acacia nilotica indica (Black Babul) as efficient adsorbent for the removal of Cr(VI) from waste water"** in the International conference on *International Conference on Life through chemistry* sponsored by Ponnaiah ramajeyam College of Arts and Science, organized by Dept of Chemistry at Vallam during 25/02/2006 to 26/02/2006.
15. **"Chromium VI removal from waste water-A comparative study on Pitchellobium Dulce Benth with commercially activated charcoal carbon"** in the International conference on *Environmental Geosciences* sponsored by Anna University, organized by Dept of Geology at Chennai during 15/02/2006 to 16/02/2006.
16. **"Leucaena Glauca Benth: Adsorption of Cr (VI) with commercial carbon-kinetics and isothermstudy"** in the International conference on *Environmental Geosciences* sponsored by Anna University, organized by Dept of Geology at Chennai during 15/02/2006 to 16/02/2006.
17. **"Assessment of carbonaceous sorbent prepared from Leucaena Glauca Benth and Pitchellobium Dulce Benth for Cr(VI) removal"** in the National conference on *National Conference on Frontiers in Environmental Sciences and Engineering in India* sponsored by Bharathiyar University, organized by Dept of Environmental Science at Coimbatore during 15/09/2005 to 17/09/2005.
18. **"Removal of Cr(VI) and Ni(II) using low cost agricultural waste as adsorbents"** in the Regional conference on *Environment Impact assessment and control 2004* sponsored by ADM college for Women, organized by ADM college for Women at Nagapattinam during 02/09/2004 to 03/09/2004.
19. **"Removal of chromium and cadmium from waste water using bio-sorbents"** in the National conference on *National Convention of electrochemist (NCE-11)* sponsored by Bishop Heber College, organized by Bishop Heber College at Tiruchirappalli during 26/12/2003 to 27/12/2003.
20. **"Fluoride level of portable water, survey of dental flourosis in Edamalai puthur and Defluoridation techniques using charcoal"** in the International conference on *Sustainable development and management of Natural Resources* sponsored by Holy Cross College, organized by Holy Cross College at Tiruchirappalli during 15/03/2003 to 17/03/2003.
21. **"Chemical and antimicrobial study on the medicinal plant Lippia nodiflora"** in the National conference on *Bio active poly phenols* sponsored by Anjammal Mahalingam Engineering College, organized by Anjammal Mahalingam Engineering College at Thiruvarur during 10/03/2003 to 11/03/2003.
22. **"Analysis of fluoride in potable water of sangagiri area of salem district and an attempt for defluoridation"** in the National conference on *Recent advances in Material Sciences* sponsored by Nehru Memorial College, organized by Nehru Memorial College at Puthanampatti during 09/12/2002 to 12/12/2002.
23. **"Estimation of Fluoride in potable water in Rock fort area of Tiruchirappalli"** in the National conference on *Pollution a threat to Nation* sponsored by Bishop Heber College, organized by Dept of Chemistry at Tiruchirappalli during 08/03/2001 to 09/03/2001.

1. **"In vivo dermal irritaion study of novel semi permanent hair colour shampoo"** published in Indian Journal of Recent Scientific Research (E-JOURNAL) Vol. 7, Issue No. 12, December 2016 ISSN : 0976-3031.
2. **"Ocular Irritation Potential Assessment In vivo study on novel semi permanent hair colour shampoo"** published in Indian Journal of Recent Scientific Research (E-JOURNAL) Vol. 7, Issue No. 12, December 2016 ISSN : 0976-3031.
3. **"Review on Scientific of Dandruff seborrheic Dermatitis A common skin disorder"** published in International journal of Pharma and Bio Sciences (E-JOURNAL) Vol. 6, Issue No. 1, June 2015 ISSN : 0975-6299.
4. **"Challenges for formulating natural cosmetics comparative physicochemical studies on natural and synthetic made shampoo"** published in International journal of Pharma and Bio Sciences (E-JOURNAL) Vol. 6, Issue No. 1, January 2015 ISSN : 0975-6299.
5. **"Pseudo Second Order for Cadmium Ion Sorption From Aqueous Solutions on to Leucaena Glauca Benth"** published in Indian Journal of Environmental Protection (E-JOURNAL) Vol. 27, Issue No. 9, September 2007 ISSN : ---.
6. **"ADSORPTION OF CHROMIUM (VI) FROM AQUEOUS SOLUTIONS ON LEUCAENA GLAUCA BENTH"** published in J Ecotoxicol Environ Monit (E-JOURNAL) Vol. 17, Issue No. 2, February 2007 ISSN : 0971-0965-17-07-183.
7. **"Phytochemical Screening, Anti-microbial Activity and GC-MS Analysis of Corchorustridens L"** published in International Journal of Pharmacological Research (PEER REVIEW) Vol. 6, Issue No. 12, January 1900 ISSN : ---.
8. **"Study of Fluoride Content in Ground Water, Survey of Dental Fluorosis in Salem District"** published in Eco Env & Cons (E-JOURNAL) Vol. 9, Issue No. 3, January 1900 ISSN : ---.
10. **"FLUORIDE ESTIMATION IN DRINKING WATER OF RURAL AREAS OF SALEM DISTRICT"** published in Journal of Ecotoxicol Environ Monit (E-JOURNAL) Vol. 14, Issue No. 3, January 1900 ISSN : 0971-0965-14-04-227.
11. **"Removal of Chromium (VI) Using Pitchellobium Dulce Benth- A Kinetic Study"** published in Indian Journal of Environmental Protection (E-JOURNAL) Vol. 26, Issue No. 1, January 1900 ISSN : 0253-7141.

Conferences / Workshops / Seminars Organised

- 3

1. International level Conference Entitled **"International Conference on Chemistry for Renewable Energy (ICCRE-2016)"** at Tiruchirappalli, sponsored by Bishop Heber College, during 25/02/2016 to 26/02/2016.
2. International level Conference Entitled **"Chemistry for Renewable Energy (ICCRE 2016)"** at Bishop Heber College, sponsored by BHC, during 25/02/2016 to 25/02/2016.
3. National level Conference Entitled **"National Conference on Emerging Trends in Chemistry"** at Tiruchirappalli, sponsored by Bishop Heber College, during 22/01/2012 to 22/01/2012.

Awards Recieved - 1

| Award Name | Presented by | Year | Level | Instituted by / Place | amount |
|--------------------|-------------------|------------|----------|---------------------------|--------|
| Best Paper Awarded | Dept of Chemistry | 25/02/2011 | NATIONAL | Nirmala College for Women | |

PROFESSIONAL MEMBERSHIP - 7

- * Member Board of Studies of Selvam Arts and Science College during 10/06/2014 - Till Date
- * Member Board of Studies of Rajahs College during 18/06/2010 -
- * Doctoral Committees Member of External Organization during 01/01/2009 - 3/22/2017
- * Association of Chemistry Teachers of Life member during 01/01/2009 -
- * Member Board of Studies of Bishop Heber College during 01/06/2008 - Till Date
- * Member Board of Studies of Nehru Memorial College during 01/01/1900 -
- * Indian journal of Chemists of Life Member during 01/01/1900 -

TRAINING PROGRAMME - 3

- # UNIVERSITY level REFRESHER on **"UGC refresher course in chemistry"** Sponsored by UGC, Organized by Bharathidasan University at A during 06/10/2010 - 26/10/2010.
- # UNIVERSITY level REFRESHER on **"Educational Technology for Teachers of all subjects"** Sponsored by UGC, Organized by Bharathidasan University at A during 01/11/2004 - 21/11/2004.
- # UNIVERSITY level ORIENTATION on **"Orientation Course"** Sponsored by UGC, Organized by Bharathidasan University at A during 19/05/2003 - 15/06/2003.

RESOURCE PERSON

- 17

1. College level Seminar on **"Developing soft skillos"** at Tiruchirappalli, 08/12/2012.
2. College level on **"How to write resume"** at Tiruchirappalli, 13/09/2012.
3. College level on **"Inagural address"** at Tiruchirappalli, 21/08/2012.
4. College level Invited Lectures on **"Nano Materials and their Applications"** at Namakkal, 18/07/2012.
5. College level Orientation on **"Good to great -A journey towards excellence"** at Theni, 12/06/2012.
6. State level Seminar on **"How to be effective teacher"** at Namakkal, 05/06/2012.
7. State level on **"What to study after +2 1000 participants from all over the District attended"** at Theni, 31/03/2012.
8. College level Invited Lectures on **"Carrier prospects in Research for PG students"** at Perambalur, 22/02/2012.
9. College level Seminar on **"HPLC application"** at Tiruchirappalli, 31/01/2012.
10. Regional level on **"Judge"** at Tiruchirappalli, 05/12/2011.
11. College level Invited Lectures on **"FT IR theory and Application/Interpretations"** at Tiruchirappalli, 28/02/2011.
12. International level on **"Indian Religion and culture"** at USA, 01/01/2011.
13. College level Invited Lectures on **"Water Chemistry"** at Puthanampatti, 27/03/2010.
14. International level on **"Indian Religions and culture"** at UK, 21/10/2009.
15. College level Invited Lectures on **"History of Indian Religions"** at Tiruchirappalli, 13/08/2009.
16. College level Invited Lectures on **"Carrier Guidance/Personality Development"** at Tiruchirappalli, 19/07/2009.
17. College level Invited Lectures on **"Carrier Guidance"** at Tiruchirappalli, 14/12/2008.

PATENT

- 1

| Type | Nature | Patent No. | Status | Month & Year |
|----------|--|--------------|---------|--------------------|
| NATIONAL | A faster gentle oxidative hair dye composition | 201741009973 | GRANTED | 3/22/2017 12:00:00 |

Additional Information

@ Pastorate committee member, CSI St.Luke's Pastorate, Trichy (Aug.2007 Till date)

Member of District Church Council, Trichy (Aug 2007 till date)
Diocesan Council member-2015-18

Honourable Treasure – St. Lukes church –from Feb 2010 April 2014

Honourable secretary –St. Lukes' Church from May 2015 till date

Founder and Secretary, Vasan Nagar, Extension Welfare association, (April 2004- April 2012)



Signature of Staff
(S.ISAIAH)