

## Name and Qualification

|                             |   |  |
|-----------------------------|---|--|
| <b>Name</b>                 | : | <b>Dr.R.KUNJITHAM</b>  |
| <b>Qualification</b>        | : | <b>M.Sc.,B.Ed.,M.Phil.,Ph.D.</b>   |
| <b>Designation</b>          | : | <b>Associate Professor in chemistry</b>  |
| <b>Department</b>           | : | <b>Chemistry</b>   |
| <b>Subject Interest</b>     | : | <b>Inorganic chemistry -Coordination chemistry,Crystal growth studies,Bio-inorganic chemistry,Organic chemistry-Electroorganic chemistry-Food chemistry,Environmental chemistry,Leather chemistry,Phyto chemistry,Physical chemistry-Electro chemistry</b> |
| <b>Specialization</b>       | : | <b>General chemistry in M.Sc</b>   |
| <b>For more Information</b> | : |  |
|                             | : |  |

## DETAILS OF PROFESSIONAL AND RESEARCH EXPERIENCE (SPECIFYING PERIOD)

|                                  |   |  |
|----------------------------------|---|--|
| <b>Lecturer</b>                  |   |  |
| <b>Institute</b>                 | : | <b>Poompuhar College,Melaiyur</b>                      |
| <b>Period</b>                    | : | <b>29-09-1986 to 18-11-1993</b>                        |
| <b>Teaching Area</b>             | : | <b>All branches of chemistry in U.G. level</b>         |
| <b>Lecturer ( Senior Scale )</b> |   |  |
| <b>Institute</b>                 | : | <b>Poompuhar College,Melaiyur</b>                      |
| <b>Period</b>                    | : | <b>19-11-1993 to 26-07-1998</b>                        |
| <b>Teaching Area</b>             | : | <b>All branches of chemistry in U.G. and P.G.level</b> |
| <b>Lecturer(Selection Grade)</b> |   |  |
| <b>Institute</b>                 | : | <b>Poompuhar College,Melaiyur</b>                      |
| <b>Period</b>                    | : | <b>27-07-1998 to19-01-2005</b>                         |
| <b>Teaching Area</b>             | : | <b>All branches of chemistry in U.G. and P.G.level</b> |
| <b>Reader</b>                    |   |  |
| <b>Institute</b>                 | : | <b>Poompuhar College,Melaiyur</b>                      |

Period : 20-01-2005 to 31-12-2005  
Teaching Area : All branches of chemistry in U.G. and P.G.level

### **Associate Professor**

Institute : Poompuhar College, Melaiyur  
Period : 01-01-2006 to till date  
Teaching Area : All branches of chemistry in U.G. and P.G.level  
Research Area : Electroorganic chemistry, Analytical chemistry, Crystal Growth Studies, Leather chemistry, Antioxidant studies, Transition metal complexes

## **ACADEMIC PROFILE**

### **Ph.D.,**

University : Bharathidasan University, Tiruchirappalli  
Date and Place : 19-01-2005, Regional Engineering College, Tiruchirappalli (Presently NIT-T)  
Research Supervisor : Dr.N.Sulochana , Professor and Head  
Title of Thesis : ELECTROORGANIC STUDIES OF SOME FLAVONOID COMPOUNDS

### **M.Phil.,**

University : Bharathidasan University, Tiruchirappalli  
Main Subject : Applied Chemistry  
Date and Place : 19-11- 1993, Regional Engineering College, Tiruchirappalli  
Marks : Theory -73.6 % ; Thesis- Highly commended  
Supervisor : Dr.N.Sulochana , Professor and Head  
Title of Dissertation : Estimation of Zinc in Asbestos Gland  
Packing Rings and its Protective Effect on the Corrosion of Mild Steel

## PG

University : Annamalai University, Annamalai Nagar  
College : -----  
Main Subject : Chemistry  
Year : 1983  
Marks : 66.9 %

## UG

University : University of Madras, Madras  
College : National College, Tiruchirappalli  
Main Subject : Chemistry  
Year : 1981  
Marks : 79.3 %

## P.U.C

University : University of Madras, Madras  
College : National College, Tiruchirappalli  
Main Subject : Biology, Physics, Chemistry  
Year : 1978  
Marks : 55.4 %

## S.S.L.C

Board : Board of Secondary Education, Tamilnadu  
Main Subject : Tamil, English, Mathematics, Science, History & Geography, Elective-History  
Year : 1977  
Marks : 76 %

## RESEARCH PROJECTS

### Completed

Funding Agency : UGC - SRO, Minor Research Project  
File Number : 1 - 057 / 98      Computer code TNBD023  
Year : 1998-2000  
Amount Received : Rs.32000 /  
Title : Electroorganic studies of Flavonoid Compounds

### Ongoing

Funding Agency : NIL  
File Number :  
Amount Received :  
Title :

### Accepted

Funding Agency : NIL  
File Number :  
Year :  
Amount Received :  
Title :

Funding Agency : NIL  
File Number :  
Year :  
Amount Received :  
Title :

### WORKSHOPS / SEMINARS / ORIENTATION PROGRAMME ORGANIZED

1. As a co-ordinator, conducted a UGC sponsored Orientation Programme to Teachers from 10-03-2015 to 13-03-2015 in Poompuhar College, Melaiyur.
2. As an organising secretary, conducted UGC sponsored Workshop on Green Micro scale Techniques in Chemistry Experiments and Fabrications of Glasswares by Glass Blowing Techniques, on 29<sup>th</sup> December 2014, in Poompuhar College, Melaiyur.
3. As an organising secretary, conducted UGC sponsored Seminar an Application of Quantum Mechanics to Chemistry and Resonance Spectroscopy on 30<sup>th</sup> December, 2014 in Poompuhar College, Melaiyur.

1. Funding Agency :  
Date :  
Amount Received :  
Place :
2. Funding Agency :  
Date :  
Amount Received :  
Place :
3. Funding Agency :  
Date :  
Amount Received :  
Place :
4. Funding Agency :  
Date :  
Amount Received :  
Place :
5. Funding Agency :  
Date :  
Amount Received :  
Place :

## RESEARCH GUIDANCE

### M.Phil.,

|                             |   |    |
|-----------------------------|---|----|
| Number of M.Phil., Scholars | : | 14 |
| Degree Awarded              | : | 12 |

### Ph.D.,

|                        |   |    |
|------------------------|---|----|
| Number of PhD Scholars | : | 04 |
| Degree Awarded         | : | -  |
| Thesis Submitted       | : | -  |
| Synopsis Submitted     | : | -  |

## AWARDS AND DISTINCTION

1. School First in SSLC
2. University First in M.Sc; Gold Medalist
3. Honoured by the district Lions Club in Teachers Day celebration on 8-09-2018

## PUBLICATIONS - ARTICLES PUBLISHED IN JOURNALS

1. A.Balamurugan, R.Kunjitham, S.Kalyanasundaram, "Removal of Color from distillery effluent by Bacterial Culture", *Bulletin of Indian Association for Water Pollution Control*, edited by Dr.K.Isha, October, 1997.
2. P.Martin Devaprasath, M.Palanisamy and R.Kunjitham, "Variations in heavy metal concentrations before and after Tsunami in Nagapattinam Coasts, South East Coast of India", *J.Curr. sci.9(2) : 713-716(2006)*.
3. M.Joice Malini, M.K.Sangeetha, R.Kunjitham, M.Mariappan, B.Ravindran & S.Kamali "", "Effect of Cadmium sulphate on the Growth and Characterisation of L Valine Crystal," *RESEARCH REVIEW International Journal of Multidisciplinary*, 3(7); 319-324(2018)
4. A.Ayyasamy, G.Thanapathy, R.Kunjitham, "A Volumetric and Viscosity studies for Binary Mixtures of 1-hexyl 3-imidazolium tetrafluoroborate with ethyl acetate," *Global Journal for Research Analysis*, 7(8), 54-55, 2018.

## RESEARCH PAPERS ACCEPTED FOR PUBLICATION AND UNDER REVIEW

NIL

## POSTERS AND PAPERS PRESENTED IN NATIONAL AND INTERNATIONAL LEVEL

- i) A.Swetharanyam and R.Kunjitham, "Screening the Alcoholic extract of guava leaves for the antioxidant activity by GC-MS technique", *Proceedings of the International Conference on Resent Trends in Synthetic methods and Material Chemistry (RTSMS-2018)*, February 2018, Annamalai University, Annamalai Nagar.
- ii) R.Kunjitham and N.Sulochana, "Estimation of Zinc in asbestos gland packing rings and its protective effect on corrosion of mild steel", *UGC sponsored National Seminar, ENVIRO 2K1, Bishop Heber College, Tiruchirappalli, March 2001*.
- iii) K.Jayamala, R.Kunjitham et al, "A study on the pollution control measures in sugar industry", *Proceedings of the State Level Seminar on ETRARMEP – 2005, TBML College, Porayar, August 2005*.
- iv) Sathishkumar and Kunjitham, "Modern aspects in Electroplating, presented in the Seminar on Emerging Trends in Chemistry", *Jamal Mohamed College, Tiruchirappalli, March 2006*.
- v) V.Manimegalai, K.Ranjini and R.Kunjitham, "Assay studies of expired product of some pharmaceutical formulations", *Proceedings of the National Conference, IMAEM – 2008, TBML College, Porayar, September, 2008*.
- vi) S.Suresh and R.Kunjitham, "Assay studies of Ranitidine Hydrochloride" *presented in National Seminar, RACS-2012, H.H.The Rajah's College, Pudukkottai, March 2012*

## BOOKS PUBLISHED

1.Laboratory manuals have been prepared for practice

## CITATION INDICES DETAILS (REFER GOOGLE SCHOLAR FROM 2007-2015)

|                                 |   |           |
|---------------------------------|---|-----------|
| <b>Publications</b>             | : | <b>10</b> |
| <b>In Journals</b>              | : | <b>04</b> |
| <b>In Conferences</b>           | : | <b>06</b> |
| <b>Citations</b>                | : |           |
| <b>h-index</b>                  | : |           |
| <b>i10-index</b>                | : |           |
| <b>Cumulative Impact factor</b> | : |           |

## MEMBERSHIP IN BODIES ON EDUCATION AND NATIONAL DEVELOPMENT

- i) Acted as a **member in the IQAC** of our college
- ii) Served as a **member in the UGC – NAAC committee** to maintain the quality.
- iii) Actively involved in bringing the **MoU with SKN Organics (P) Ltd** with our department.
- iv) Acting as a bridge between students and the employers for **placements**.
- v) **Availed a study leave** under FIP of UGC to do the Ph.D., work from 12.09.2001 to 31.03.2002
- vi) Actively participated in getting **autonomous status** and **NAAC, B+Grade** to our college.
- vii) Actively participated to upgrade our department as a **recognised research centre** of Bharathidasan University leading to obtain **Ph.D. degree**.
- viii) Accepted the **election duty** in all levels of general elections.
- ix) **Senate Member** in Bharathidasan University, for the period 2016 – 2019.

## POSITION HELD / LEADERSHIP ROLE PLAYED

- 1 Actively participated in the conduct of UGC sponsored Seminar on Science and Society under COSIP on 24<sup>th</sup> and 25<sup>th</sup> January 1990 in Poompuhar College, Melaiyur.
- 2 Actively participated in the conduct of periodic seminars in the Department of Chemistry, Poompuhar College, Melaiyur.
- 3 As a co-ordinator, conducted a UGC sponsored Orientation Programme to Teachers from 10-03-2015 to 13-03-2015 in Poompuhar College, Melaiyur.



- 4 As an organising secretary, conducted UGC sponsored Workshop on Green Micro scale Techniques in Chemistry Experiments and Fabrications of Glasswares by Glass Blowing Techniques, on 29<sup>th</sup> December 2014, in Poompuhar College, Melaiyur.
- 5 As an organising secretary, conducted UGC sponsored Seminar an Application of Quantum Mechanics to Chemistry and Resonance Spectroscopy on 30<sup>th</sup> December, 2014 in Poompuhar College, Melaiyur.
- 6 **Senate Member** in Bharathidasan University,for the period 2016 – 2019.

### INVITED GUEST LECTURES

- i) Delivered a special talk on **ANTIOXIDANTS** in the Department of Chemistry, DG Govt. Arts College (W), Mayiladuthurai on 17-02-2012
- ii) Delivered a special talk on **INHERENT ACIDS AND BASES** in the Chemistry Association meeting in DG Govt. Arts College (W), Mayiladuthurai on 20-02-2018

### TRAINING PROGRAMME

#### Orientation Course (UGC Sponsored)

**Place** : Academic staff college,Bharathidasan University  
,Tiruchirappalli

**Duration** : 08-02-1988 to 05-03-1988

#### Refresher Course in Chemistry (UGC Sponsored)

**1.Place** : Department of chemistry,  
Bharathidasan University,Tiruchirappalli

**Duration** : 28-02-1995 to 27-03-1995

**2.Place** : Department of chemistry,Annamalai University

**Duration** : 15-02-1999 to 10-03-1999

**3.Place** : Department of chemistry,Annamalai University

**Duration** : 08-11-2004 to 30-11-2004

### TEACHING EXPERIENCE FROM 1993 TO TILL DATE

|                           |   |          |
|---------------------------|---|----------|
| Total Teaching Experience | : | 25 years |
| Under Graduate            | : | 25 years |
| Post Graduate             | : | 24 years |

### PERSONAL DETAILS

|                       |   |   |
|-----------------------|---|---|
| Name                  | : | Dr. R.Kunjitham   |
| Gender                | : | Male  |
| Date of Birth         | : | 15 -06 - 1961   |
| Age                   | : | 57 Years  |
| Place of Birth        | : | Kuruvikkarambai,  |
| Marital Status        | : | Married   |
| Residential Address   | : | Ground Floor 2,<br>Mangai Apartments,<br>48A/27,Mahadhana street,<br>Mayiladuthurai,<br>Nagappattinam District,<br>Pincode 609 001. |
| Official Address      | : | Associate Professor in chemistry,<br>Poempuhar College, Melaiyur.<br>Pincode 609 107  |
| Email                 | : | rkunjitham@rediffmail.com   |
| Web                   | : |   |
| Any other Information | : | A passionate teacher  |

