

**NAME** : DR. B. SUGANTHANA  
**POSITION** : ASSISTANT PROFESSOR  
**FACULTY OF** : CHEMISTRY  
**EMAIL ID** : suganthanakanna@gmail.com  
**LANGUAGES PROFICIENCY**  
**READ** : TAMIL & ENGLISH  
**WRITE** : TAMIL & ENGLISH  
**SPEAK** : TAMIL & ENGLISH



### 1. QUALIFICATION

S. No.	DEGREE / DIPLOMA / CERTIFICATE	DISCIPLINE	NAME OF THE INSTITUTION	YEAR OF PASSING
1.	UG	CHEMISTRY	LADY DOAK COLLEGE, MADURAI	1998 - 2001
2.	PG	CHEMISTRY	MADURA COLLEGE, MADURAI	2001 - 2003
3.	M.PHIL.	CHEMISTRY	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI	2003 - 2005
4.	PH.D.	CHEMISTRY	BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI	2005 - 2011

### 2. TEACHING EXPERIENCE

S. No.	INSTITUTION	FROM – TO (PERIOD)
1.	DHANALAKSHMI SRINIVASAN COLLEGE OF ARTS AND SCIENCE FOR WOMEN, PERAMBALUR	07.07.2003 - 01.04.2008
2.	FATIMA COLLEGE, MADURAI	23.06. 2008 - 28.11.2008
3.	K.L.N COLLEGE OF ENGINEERING, POTTAPALAYAM, SIVAGANGAI	01.06.2012 - 08.06.2013
4.	ASSISTANT PROFESSOR, FATIMA COLLEGE, MADURAI	18.11.2014 - TILL DATE

### 3. POSITION HELD IN FATIMA

S. No.	NAME OF THE POSITION	FROM – TO (PERIOD)
1.	STAFF INCHARGE – QUALITY CIRCLE	2015 - 2016
2.	NSS - PROGRAMME OFFICER	2016 - TILL DATE
3.	NSS-RRC - PROGRAMME OFFICER	2017 - TILL DATE
4.	HUMAN RIGHTS COURSE INCHARGE	2017 - TILL DATE

### 4. AREAS OF SPECIALIZATION

➤ ENVIRONMENTAL CHEMISTRY

## 5. ORIENTATION/REFRESHER/TRAINING PROGRAMMES/FDP ATTENDED

S. No.	PROGRAMME	THEME	ORGANIZED BY	DATE
1	RRC PROGRAMME OFFICER MEETING	NYLP AWARD FUNCTION	MADURAI KAMARAJ UNIVERSITY, MADURAI	09.02.2018
2.	FACULTY DEVELOPMENT PROGRAMME	ALTERNATIVE TEACHING METHODOLOGY	IQAC, FATIMA COLLEGE, MADURAI	14.10.2017
3.	FACULTY INDUCTION PROGRAMME	ORIENTATION PROGRAMME	FATIMA RESOURCE CENTRE, FATIMA COLLEGE, MADURAI	04.11.2016 - 11.11.2016
4.	ALL – INDIA REFRESHER COURSE	ADVANCED TOPICS IN CHEMISTRY	DEPARTMENT OF CHEMISTRY, LADY DOAK COLLEGE, MADURAI, SPONSORED BY INDIAN ACADEMY OF SCIENCES, BANGALORE.	07.11.2006 - 20.11.2006
5.	ONE DAY TRAINING PROGRAMME	INTERNAL AUDIT AS PER ISO 9001: 2000	INTERNATIONAL STANDARDS FOR QUALITY MANagements SYSTEM	27.08.2005

## 6. NATIONAL/INTERNATIONAL/STATE/REGIONAL ETC..... SEMINAR, WORKSHOP, CONFERENCE, SYMPOSIUM ETC.....

S. No.	PROGRAMME & THEME	ORGANIZED BY	DATE	PARTICIPATED/ PRESENTED	TITLE OF THE PAPER
1.	ONE DAY WORK SHOP ON "INTELLECTUAL PROPERTY RIGHTS"	RESEARCH ADVISORY COMMITTEE, FATIMA COLLEGE, MADURAI	DEC. 10, 2016	PARTICIPATED	-
2.	NATIONAL SEMINAR ON "EMERGING TRENDS IN CHEMISTRY"	MADURAI KAMARAJ UNIVERSITY, MADURAI	FEB. 18-20, 2016	PARTICIPATED	-
3.	INTERNATIONAL CONFERENCE ON "NANO MATERIALS FOR ENERGY, ENVIRONMENT, CATALYSIS AND SENSORS (ICNEECS-15)"	MADURAI KAMARAJ UNIVERSITY, MADURAI	DEC. 11-12, 2015	PARTICIPATED	-
4.	WORK SHOP ON "E-WASTE"	C.P.R ENVIRONMENTAL EDUCATION CENTRE, SPONSORED BY MINISTRY OF ENVIRONMENT, FORESTS AND CLIMATE CHANGE.	08.08.2015	PARTICIPATED	-
5.	ISTE WORKSHOP ON "INTRODUCTION TO RESEARCH METHODOLOGIES"	IIT, MUMBAI	25.06.2012 – 04.07.2012	PARTICIPATED	-
6.	NATIONAL SEMINAR ON "NANO STRUCTURED MATERIALS AND APPLICATIONS"	MADURAI KAMARAJ UNIVERSITY, MADURAI	04.03.2011-05.03.2011	PARTICIPATED	-
7.	INTERNATIONAL CONFERENCE ON "BIO-PHYSICAL ORGANIC AND INORGANIC CHEMISTRY"	BHARATH UNIVERSITY, CHENNAI	26.08.2007-30.08.2007	PRESENTED	A KINETIC STUDY ON THE ADSORPTION OF LEAD IONS ON ACTIVATED CARBONS.
8.	NATIONAL CONFERENCE ON "RECENT TRENDS IN CHEMISTRY"	P.G AND RESEARCH DEPARTMENT OF CHEMISTRY, BISHOP HEBER COLLEGE, TRICHY	12.10.2007	PARTICIPATED	-
9.	SILVER JUBILEE CONFERENCE OF ICC	MUMBAI UNIVERSITY	27.12.2006-29.12.2006	PRESENTED	ADSORPTION STUDY ON CHROMIUM IONS.

10.	UGC STATE LEVEL SEMINAR ON "EMERGING TRENDS IN CHEMISTRY"	JAMAL MOHAMED COLLEGE, TRICHY	09.03.2006	PRESENTED	ENVIRONMENTAL POLLUTION AND PREVENTION
11.	INTERNATIONAL CONFERENCE ON "LIFE THROUGH CHEMISTRY"	PONNAIYAH RAMAJAYAM COLLEGE, TANJORE	25.02.2006-26.02.2006	PRESENTED	ADSORPTION OF CHROMIUM IONS ON CAP

## 7. ARTICLES PUBLISHED IN JOURNALS/MAGAZINES/BOOKS

S. No.	JOURNAL / BOOK / MAGAZINE NAME	TITLE OF THE ARTICLE	MONTH / YEAR	VOL. No.	ISSUE No.	PAGE No.	ISSN	PUBLISHER	IMPACT FACTOR
1.	J. INDIAN CHEM. SOC.,	ADSORPTION OF CHROMIUM IONS ON COMMERCIALY AVAILABLE ASH POWDER	AUG-2006	83	-	792-795	0019 4522	INDIAN CHEMICAL SOCIETY	-
2	DER CHEMICA SINICA	ADSORPTION OF LEAD IONS ON TEAK LEAVES ACTIVATED CARBONS- KINETIC AND EQUILIBRIUM STUDY <a href="http://www.imedpub.com/articles/adsorption-of-pbii-ions-on-teak-leaves-activated-carbona-kinetic-and-equilibrium-study.pdf">http://www.imedpub.com/articles/adsorption-of-pbii-ions-on-teak-leaves-activated-carbona-kinetic-and-equilibrium-study.pdf</a>	2010	1	2	35-43	0976-8505	IMEDPUB LTD	0.676
3.	BIOINFORMATION	INSILICO PHARMACOKINETIC AND MOLECULAR DOCKING STUDIES OF SMALL MOLECULES DERIVED FROM INDIGOFERA ASPALATHOIDES VAHL TARGETING RECEPTOR TYROSINE KINASES DOI: 10.6026/97320630011073	FEB-2015	11	2	73-84	0973-2063	PMC PUBLISHERS	-

## 8. MEMBERSHIP IN PROFESSIONAL BODIES

- ❖ LIFE MEMBER IN THE INDIAN SCIENCE CONGRESS ASSOCIATION L26752
- ❖ MEMBER IN INDIAN COUNCIL OF CHEMISTS

## 9. MAJOR ASSIGNMENTS

S. No.	MAJOR ASSIGNMENTS	INSTITUTION	THEME/TITLE	PLACE	DATE & YEAR
1.	RESOURCE PERSON	THE DIRECTORATE OF DISTANCE EDUCATION, MADURAI KAMARAJ UNIVERSITY,	PERSONAL CONTACT CLASSES	MADURAI	20.12.2015
2.	RESOURCE PERSON	THE CENTRE EDUCATION, BHARATHIDASAN UNIVERSITY	PERSONAL CONTACT CLASSES	TRICHY	12.12.2005

## 10. AREA EXPERTISE

- ADSORPTION EQUILIBRIUM AND ADSORPTION KINETICS

## 11. PROJECT UNDERTAKEN

S. No.	TITLE OF PROJECT	POSITION	SPONSORED BY	DATE & YEAR	SANCTIONED AMOUNT
1.	EQUILIBRIUM AND KINETIC APPROACH ON REMOVAL OF SOME HEAVY METALS IONS FROM POLLUTED WATERS OF VARIOUS AREAS OF VAIGAI RIVER IN MADURAI DISTRICT- TAMIL NADU USING VARIOUS ADSORBENTS	PRINCIPAL INVESTIGATOR	UGC-SERO	2017 - 2019	1,40,000

## 12. ANY OTHER:

❖ ORGANIZED AN INDUSTRIAL VISIT TO MUMBAI AND VISITED BARC ON 08.02.2006.

### **13. MEMBERSHIP IN PROFESSIONAL BODIES**

- **LIFE MEMBER IN THE INDIAN SCIENCE CONGRESS ASSOCIATION L26752**
- **MEMBER IN INDIAN COUNCIL OF CHEMISTS**

### **14. AREA EXPERTISE**

- **ADSORPTION EQUILIBRIUM AND ADSORPTION KINETICS**

### **15. ANY OTHER:**

- **APPOINTED AS A RESOURCE PERSON TO CONDUCT PCP CLASSES FOR M.PHIL., IN CHEMISTRY, OFFERED BY THE CENTRE EDUCATION, BHARATHIDASAN UNIVERSITY, TRICHY FOR THE YEAR 12.12.2005.**
- **ORGANIZED AN INDUSTRIAL VISIT TO MUMBAI AND VISITED BARC ON 08.02.2006.**
- **INVITED AS A JUDGE IN "SCIENCE EXHIBITION FOR SCHOOL STUDENTS HOSTED BY M.K.R AYYA NADAR JEYALAKSHMI AMMAL ENGLISH MEDIUM SCHOOL (ICSE) ON 01.08.2015.**
- **APPOINTED AS A RESOURCE PERSON TO HANDLE PERSONAL CONTACT CLASSES FOR I YEAR M.Sc., CHEMISTRY, OFFERED BY THE DIRECTORATE OF DISTANCE EDUCATION, MADURAI KAMARAJ UNIVERSITY, MADURAI ON 20.12.2015.**