

## Dr. S. SENGUTTUVAN, M.Sc., M.Phil., Ph.D.,

Designation : Assistant Professor  
Department : Chemistry  
Subject Interest : Organic Chemistry  
Specialization : Synthetic Organic Chemistry



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

#### Assistant Professor & Head

Institute : Dhanalakshmi Srinivasan College of Arts & Science  
College for women, Perambalur.  
Period : July 2010 to July 2013  
Teaching Areas : Organic, Inorganic and Physical Chemistry.

#### Associate Professor & Head

Institute : Vel Tech Engineering College, Avadi- Chennai.  
Period : 2013-2015  
Teaching Areas : Engineering, Polymer and Environmental Chemistry.  
Research Areas : Organic Chemistry

#### Assistant Professor

Institute : Govt. Arts College, Ariyalur.  
Period : 2015-2016  
Teaching Areas : Organic, Inorganic and Physical Chemistry.  
Research Areas : Organic Chemistry

#### Assistant Professor

Institute : Thiru.Vi. Ka Govt. Arts College, Thiruvarur.  
Period : 2016 onwards  
Teaching Areas : Organic Chemistry  
Research Areas : Organic Chemistry

## ACADEMIC PROFILE

### Ph.D.,

University : Annamalai University  
Main Subject : Chemistry  
Year of Awarded : March 2011  
Marks : First Class  
Supervisor : Dr.S.Nagarajan  
Title of Dissertation : Synthesis and Antimicrobial Activities of Quinazolin-4ols, 2-pyrazolines and 4-aminopiperidines.

### M.Phil.

University : Annamalai University  
Main Subject : Chemistry  
Year of Passing : Feb 2006  
Marks : First Class  
Title of Dissertation : A New synthesis of novel Indinones.

### M.Sc.,

University : Bharathidasan University  
College : Khadir Mohideen College of Arts & Science, Adirampattinam.  
Main Subject : Chemistry  
Year of Passing : April 2003  
Marks : First Class

### B.Sc.,

University : Bharathidasan University  
College : A.V.C College of Arts & Science, Mannampandal.  
Main Subject : Chemistry  
Year of Passing : April 2002  
Marks : First Class

### HSC.,

Board : Board of Higher Secondary Education, Tamilnadu  
Main Subject : Science and Mathematics  
Year of Passing : March 1998  
Marks : First Class

## S.S.L.C

Board	: Board of Secondary Education, TamilNadu
Main Subject	: General
Year of Passing	: March 1996
Marks	: First Class

### RESEARCH GUIDANCE

#### M.Phil.,

No. Of M.Phil., Scholars	:	13
Degree Awarded	:	13

#### Ph.D.,

No. Of Ph.D., Scholars	:	04
Degree Awarded	:	13
Synopsis Submitted	:	01
Thesis Submitted	:	01

### WORKSHOP, PAPERS PRESENTED AND PARTICIPATED IN NATIONAL AND INTERNATIONAL LEVEL

- 1) International Conference on Chemistry for Renewable Energy (ICCRE)-2016 at Bishop Heber College (Autonomous), Tiruchirappalli.
- 2) International Conference on Chemical and Environmental Research (ICCER)-2015 at Jamal Mohamed College (Autonomous), Tiruchirappalli.
- 3) National conference on New Horizons in Chemistry (NCNHC-13) at Dhanalakshmi Srinivasan College of arts & science for women perambular, April 2013.
- 4) National Conference on Exploring Excellence in Chemistry (NCEEC-12) Dec-2012 at Dhanalakshmi Srinivasan College of arts & science for women perambular.
- 5) Faculty development programme held during four days (22.06.2011 to 25.06.2011) in Srinivasan Engineering College Perambular.
- 6) State Level Workshop on Microscale Techniques in Chemistry (MTC)-2012 at Dhanalakshmi Srinivasan College of Arts and Science for Women, perambalur.

- 7) National Conference on Materials for Energy and Environment (NCMEE)-2012 at Chendu College of Engineering & Technology, Madurantakam, Chennai
- 8) National conference on Recent Trends in Green Synthesis (RTGS-2011) 5-6 August 2011 in Department of Industrial Chemistry at Alagappa University, Karaikudi-03.
- 9) UGC, CSIR &DST Sponsored National Seminar on NewFrontiers in Chemistry (NSNFC)-2010 at Annamalai University.
- 10) UGC, CSIR &DRDO Sponsored National Conference on Materials Science (MATS)-2009 at Annamalai University.
- 11) DST & UGC Sponsored National Seminar on Theoretical and Chemical Sciences (TACS)-2008 at Annamalai University
- 12) DST, CSIR &UGC Sponsored National Conference on Emerging Trends in Chemical Research (NCETCR)-2008 at Annamalai University.
- 13) UGC Sponsored National Workshp on International Techniques in Chemistry (WINTEC)-Nov-3&4.2007 at Annamalai University.
- 14) CSIR and UGC sponsored CRSI Seminar on Recent Advances in Chemistry 10-11 March, 2006 at Annamalai University.

#### PUBLICATIONS-ARTICLE PUBLISHED IN JOURNAL

- 1) S.Senguttuvan, M.Benjamin and T.Vadivel, Synthesis and antimicrobial activities of 2-pyrazolines, (J. of Medicinal Chemistry under review).
- 2) S.Senguttuvan, M.Benjamin and T.Vadivel .A reductive amination of 4-amino-piperidines. J.synthetic.com.,July 2017.(accpected)
- 3) S.Senguttuvan, T.Vadivel and T.Hemalatha, A study on the supramolecular structure of inclusion complex of  $\beta$ -cycloDextrin with 4-Hydroxy coumarin.(Accepted) Journal of Springarlink., May. 2017.
- 4) S.Senguttuvan Swaminathan & Vijayaraj Chellaiyan, Chemical Composition and Anti-Inflammatory Activity of Apigenin-7-O-(6''-O-Caffeoyl)- $\beta$ -D-Glucopyranoside Extracted from *Cissus Quadrangularis*.,

June-2017,Int,J,Adv,Res,5(6),1929-1934,DOL

URL:<http://dx.doi.org/10.21474/IJAR01/4624>.

- 5) S.Senguttuvan Swaminathan & Vijayaraj Chellaiyan, Anti-Ulcer Activity of Baicalein-7-O-Glucuronide isolated from persicaria Glabra Flowers Against Pyloric Ligation Induced Ulcer in Albino Rats.,April-2017, Int, j, Adv, Res, 5(4), 2085-2095.ISSN-2320-5407.
- 6) S.Senguttuvan Swaminathan & Vijayaraj Chellaiyan, Isolation, identification and Anti-Diabetic Activity of Quercetin-3-O-Rutinoside-7-O-Rhamnoside Extracted from *Cyperus Rotundus*, Nov-2016, Indian journal of Research-Paripex, ISSN-2250-1991.
- 7) S.Senguttuvan Swaminathan & Vijayaraj Chellaiyan, Anti-inflammation Activity of 3'-methoxyquercetin-3-O-rutinoside isolated from *Ipomoea sepiaria*.*Inter journal of science and Research (IJSR) Nov-2016, VOL-5, 2319-7064, www.ijsr.net.*
- 8) S.Senguttuvan,C.Uma,and R.Rajeswari,Synthesis and microbial activities of Naphthaline-2-yl-2-pyrazoline.(E-Journal of life Science,vol-103,EJLS-2013,ISSN-2250-1800)
- 9) S.Senguttuvan, T.Hemalatha, A. Yogananth and R. varun Stanley . Synthesis and characterization of polydeoxy cholic acid encapsulated copper nanoparticles and its catalytic applications. *Acta Ciencia Indica. 2014, 1, 37-44.*
- 10) S.Senguttuvan, T.Hemalatha and S.Nagarajan, Microwave-Assisted Synthesis and Antimicrobial Activities of some Indenones.2013, *Journal of Adv.Chem.Lett,01,01-05.,www.aspbs.com/acl.*
- 11) S.Senguttuvan,M.Murugavelu,S.Nagarajan.,*Synthetic Communication; An International Journal for Rapid Communication of Synthetic Organic Chemistry, Reductive Amination of 2,6-Diarylpiperidin-4-ones,2013, 43,2720-2724.*
- 12) S.Senguttuvan, T.Raja, T.Thaila, I.Cicilli Ignatitus., Synthesis and Characterization of Polymer Encapsulated Platinum Nanoparticles and its Phenolic Derivative of 4-Aminoantipyrene. *Journal of NTS. 2013, 14, 9-14.(ISSN;0973-418X).*

- 13) S.Senguttuvan & S.Nagarajan, Synthesis of 2-Amino-5-aryl-5,6-dihydro-7-(naphthalene-2-yl)quinazolin-4-ols., International Journal of Chemistry, (CCSE), 2010, 02, 108-111.
- 14) S.Senguttuvan & S.Nagarajan, A simple and practical method for the synthesis of 2-Amino-5-aryl-5,6-dihydro-7-phenylquinazoline-4-ols., Journal of heterocyclic chemistry 2009, 46, 1346-1351.

#### MEMBERS IN BODIES ON EDUCATION AND NATIONAL DEVELOPMENT

- ✚ Assistant Coordinator - IQAC at Dhanalakshmi Srinivasan College of Arts and Science for Women, Perambalur.

#### POSITION HELD / LEADERSHIP PLAYED

- ❖ Served as a Chief superintendent of Examination, Anna University (Trichy Campus) in the year of 2011-2013.
- ❖ Served as a NSS Programme officer at Dhanalakshmi Srinivasan College of Arts and Science for women, Perambalur.

#### INVITED GUEST LECTURES

- Served as a Resource Person for External Guest Lecturer Seminar of organic heterocyclic chemistry in July 6<sup>th</sup> 2014 at Annai Arts & Science College for women, Kumbakonam.
- Served as a Chief Guest for Young Scientist Award Programme from Thamdhai Rovar Higher Secondary School, Perambur-2014
- Served as a Chief Guest for Young Scientist Award Programme from Vivekanandha Metric Higher Secondary School, Seerkazhi-2008.
- Served as a Chief Guest for Young Scientist Award Programme from Government Higher Secondary School, Sankaranpandal-2004.

## LIFE MEMBERSHIP OF INADIAN SCIENCE CONGRASS

- 1) Fellow of Indian Chemical Society (F.I.C.S) New Delhi-110 019.
- 2) Indian Science Congress Association (ISCA) Kolkata-700017.
- 3) National Environmental Science Academy (NESA) New Delhi-19.
- 4) Tamil Nadu Science warm (TNSF- 2008).

## TRAINING PROGRAMME

### Orientation Course (UGC Human Resource Development Centre Sponsored)

Place : Bharathiar University, Coimbatore

Duration : 16.12.2016 to 12.01.2017

### Refresher Course in Chemistry (UGC Sponsored)

Place : -

Duration : -

## TEACHING EXPERIENCE FROM 2010 TO TILL DATE

Total Teaching Experience : 08 years

Under Graduate : 08 years

Post Graduate : 08 years

## PERSONAL DETAILS

Name : SENGUTTUVAN.S

Gender : Male

Date of Birth : 21.07.1979

Age : 36 years

Place of Birth : Mayiladuthurai

Marital Status : Married

**Residential Address** : 3/18, West Street,  
Kovanchery,  
Muthur Post,  
Tharamgambadi Taluk,  
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