

**NEHRU MEMORIAL COLLEGE (AUTONOMOUS)****PUTHANAMPATTI-621007****STAFF PROFILE**

**NAME OF THE STAFF** : Dr. S. ARUMUGAM  
**DESIGNATION** : ASSISTANT PROFESSOR  
**DEPARTMENT** : CHEMISTRY

**1. CONTACT**

**Address** : Vaithiyanathapuram (p.o),  
kunnam (T.k), perambalur (D.t) -621717  
**Contact Phone (Office)** : 04327-234613  
**Contact Phone (Mobile)** 9655053902  
**Contact e-mail(s)** : nmcaaru@gmail.com

**2. ACADEMIC QUALIFICATIONS**

Degree	College/University/Board	Year of Passing/ Awarded
Ph.D.	Nehru Memorial College, Puthanampatti	2018
M.Phil.,	Urumu Dhanalakshmi College,	2012
M.Sc.,	Nehru Memorial College, Puthanampatti	2009
B.Sc.,	Nehru Memorial College, Puthanampatti	2007

**3. TEACHING EXPERIENCE**

S. No.	Institution	Duration	No. of Years	
			UG	PG
1.	Nehru Memorial College, Puthanampatti	17.8.2009 to till date	13 years 7 month	9 years 7 month

**4. RESEARCH EXPERIENCE (in years): 9 years****5. AREA OF RESEARCH:** Complex Preparation, Organic synthesis and Phytochemistry

**6\*\*. RESEARCH GUIDANCE (In Numbers)**

Program of Study		Completed	Ongoing
Project	PG	30	-

**7\*\*. PUBLICATION(S) (In Numbers)**

Journal(s)	
International	National
13	-

Cumulative Impact Factor (as per JCR)	2.45
h-index	5
Total Citations	196

**8\*\*. PRESENTATION(S) (In Numbers)**

Events	International	National
Conference(s)	4	-
Seminar(s)	-	3

**9\*\*. PARTICIPATION (In Numbers)**

Events	International	National
Conference(s)	-	1
Workshop(s)	-	6

**10\*\*. PROFESSIONAL DEVELOPMENT (In Numbers)**

Orientation Programme(s)	Faculty Development Programme(s)
-	11

**14. EVENT(S) ORGANIZED**

S. No.	Name of the Programme	Role of Responsibility held	Name of the Resource Person	Date of the Event
1.	Inter-collegiate competition	Co-Organizer	Dr. A. Peter Pascal Regis	1.3.2016
2.	Seminar on Dynamic Stereochemistry	Co-Organizer	Dr. P. Pandian	14.3.2016

**17. DETAILS OF MEMBERSHIP**

<b>Academic Bodies (Board of studies)</b>	1.UG Board of studies member in NMC 2.Students' Grievances Redressal Cell Member
---	---

**18. DETAILS OF PUBLICATIONS****(a) JOURNAL(S)**

S. No.	Name of the author/s	Title of the paper with e-link	National/ International	Name of journal	Volume Page No & Year	ISSN
1	Vijisara Elizabeth D, Arumugam S	Identification of Phytochemical Constituents and Antimicrobial Activity of Indigofera Suffruticosa Leaves - <a href="http://ijcb.mainspringer.com/1_7/702.html">http://ijcb.mainspringer.com/1_7/702.html</a>	International	International Journal Of Current Biotechnology	Vol. 1(7) (2013)	2321-8371
2	Vijisara Elizabeth D, Arumugam S	Study of the Phytochemical Analysis and Antimicrobial Activity of Cyperus Rotundus Leaves- <a href="http://ijcb.mainspringer.com/1_8/802.html">http://ijcb.mainspringer.com/1_8/802.html</a>	International	International Journal Of Current Biotechnology	Vol. 1(8) (2013)	2321-8371
3	Vijisara Elizabeth D, Arumugam S	GC-MS Analysis of Ethanol Exztract of Cyperus rotundus Leaves- <a href="http://ijcb.mainspringer.com/2_1/2102.pdf">http://ijcb.mainspringer.com/2_1/2102.pdf</a>	International	International Journal Of Current Biotechnology	Vol. 2(1) (2014)	2321-8371
4	Vijisara Elizabeth D, Arumugam S	Phytochemical Screening of the Various Extracts of Cyperus Rotundus. L/ <a href="http://jgateproduction.informaticsglobal.com/Sulpetagt/02Data.asp?Action=ABSTRACT&amp;OID=41721490">http://jgateproduction.informaticsglobal.com/Sulpetagt/02Data.asp?Action=ABSTRACT&amp;OID=41721490</a>	International	Am. J. PharmTech Res.	Vol. 4(3) (2014)	2249-3387
5	Vijisara Elizabeth D, Arumugam S	Evaluation of Phytochemical Constituents of the Extracts of Cassya Filiformis. L/ <a href="http://ajptr.com/archive/volume-4/june-2014-issue-3">http://ajptr.com/archive/volume-4/june-2014-issue-3</a>	International	Am. J. PharmTech Res.	Vol. 4(3) (2014)	2249-3387
6	Vijisara Elizabeth D, Arumugam S	Evaluation of Phytochemical Constituents of the Extracts of Indigofera Suffruticosa Leaves/ <a href="https://pdfs.semanticscholar.org/0a40/f9114d0efed0184b4d930a76b1ce007a5297.pdf">https://pdfs.semanticscholar.org/0a40/f9114d0efed0184b4d930a76b1ce007a5297.pdf</a>	International	Assian J. of Pharmaceutical science and clinical research	Vol. 2(2) pp 48-53, (2014)	2321 – 0915
7	Vijisara Elizabeth D, Arumugam S	GC-MS analysis of bioactive constituents of Indigofera Suffruticosa Leaves/ <a href="https://pdfs.semanticscholar.org/66a9/32ee194933b05bfa5c33fa6fd5d88c1af695.pdf">https://pdfs.semanticscholar.org/66a9/32ee194933b05bfa5c33fa6fd5d88c1af695.pdf</a>	International	Journal of Chemical And Pharmaceutical research	Vol. 6(8): pp 294- 300, (2014)	0975-7384
8	Vijisara Elizabeth D, Arumugam S	Analysis of bioactive constituents from organic crude ethanol extracts from the local medicinal plant of cassya filiformis L (lauraceae) by gas chromatography-mass spectrometry/ <a href="https://pdfs.semanticscholar.org/14c7/360859ad52379b38bd9629eb37f589af30b3.pdf">https://pdfs.semanticscholar.org/14c7/360859ad52379b38bd9629eb37f589af30b3.pdf</a>	International	International journal of Pharmaceutical Research And Review	Vol.28(2) , Pages: 220-223, (2014)	0976 – 044X
9	Vijisara	Phytochemical Analysis and GC-	International	European	Vol. 2	2321-9122

	Elezabeth D, Balamani R, Arumugam Subramanian	MS Analysis of Leaves of <i>Macrotyloma uniflorum</i> / file:///C:/Users/prs/Downloads/1a.1 .pdf		Journal of Biotechnology and Bioscience	(5): pp 46-51,(2014)	
10	P. Ramesh, A. Rajendran, Arumugam Subramanian	Synthesis of zinc oxide Nanoparticle from fruit of <i>Citrus aurantifolia</i> by Chemical Andgreen Method/ <a href="http://www.ajpcrjournal.com/article/SYNTHESIS%20OF%20ZINC%20OXIDE_NANOPARTICLE%20FROM%20FRUIT%20OF%20CITRUS%20AURANTIFOLIA_BY%20CHEMICAL%20ANDGREEN%20METHOD.pdf">http://www.ajpcrjournal.com/article/SYNTHESIS%20OF%20ZINC%20OXIDE_NANOPARTICLE%20FROM%20FRUIT%20OF%20CITRUS%20AURANTIFOLIA_BY%20CHEMICAL%20ANDGREEN%20METHOD.pdf</a>	International	Asian Journal of Phytomedicine and Clinical Research	Vol.2(4), PP 189 – 195,(2014)	2321 – 0915
11	D. Vijisara, Elezabeth, R. Shanmugapriya, S. Arumugam	GC-MS Analysis of Ethyl Acetate Extract of <i>Sansevieria roxburghiana</i> Leaves (Asparagaceae)/ <a href="http://www.ajpcrjournal.com/article/GC-MS%20ANALYSIS%20OF%20ETHYL%20ACETATE%20EXTRACT%20OF%20SANSEVIERIA%20ROXBURGHIANA%20LEAVES%20(ASPARAGACEAE).pdf">http://www.ajpcrjournal.com/article/GC-MS%20ANALYSIS%20OF%20ETHYL%20ACETATE%20EXTRACT%20OF%20SANSEVIERIA%20ROXBURGHIANA%20LEAVES%20(ASPARAGACEAE).pdf</a>	International	Asian Journal of Phytomedicine and Clinical Research	Vol. 7(3), PP 114-128, (2019)	2321 – 0915
12	G. Vadivel, S. Thennarasu, T. Chinnamani S. Arumugam	Larvicidal activity of novel compounds (E)-4-bromo-2-(((4-methylpyridine-2-yl)imino)methyl)-4-nitrophenol (NSL2H) against mosquito vector <a href="http://www.ijrar.org/papers/IJRAR19J1616.pdf">http://www.ijrar.org/papers/IJRAR19J1616.pdf</a>	International	International journal of research and Analytical reviews	Vol.6(1), PP 1105-1111, (2019)	E-ISSN 2348-1269, P-ISSN 2349-5138.
13	Arumugam Subramanian	Analysis of Bio-Active Compounds from Cylohexane Extract of <i>Sansevieria cylindrica</i> Leaves by Gas Chromatography-Mass Spectrometry	International	Indian Journal of Natural Sciences	Vol.13 (76) PP 52468 - 52474 (2023)	ISSN: 0976 – 0997

## 19. DETAILS OF PRESENTATION(S)

### (Conference(s) / Seminar(s))

S. No.	Name of the Paper	Name of the Conference / Seminar	National/ International	Place	Duration/ Date
1	Studies on <i>Indigofera Suffruticosa</i> - A Medicinally Important plant of the Family Fabaceae	International Conference on Biotechnological Innovations Towards Global Development	International	Bishop Heper College, Trichirapalli	9-10 <sup>th</sup> Jan., 2013
2	Phytochemical Studies on <i>Cassipouita filiformis</i> - A Medicinally Important Plant of the Family Lauraceae	National Seminar on Current Trends In Material Science & Nanostructured Material Science	National	Cauvery College For Women, Trichirapalli	23-24 <sup>th</sup> Jan., 2013
3	Phytochemical Studies on Leaves of <i>Cyperus Rotundus</i> (Cyperaceae)-A Medicinally Important Plant	National Seminar on Recent Trends in Biological Sciences	National	Nehru Memorial College, Puthanampatti	7-8 <sup>th</sup> Mar., 2013

4	Phytochemical Evaluation on Some Important medicinally important plants	National Seminar on Recent Trends in Biological Sciences	National	Nehru Memorial College, Puthanampatti	7-8 <sup>th</sup> Mar., 2013
5	Evaluation of Phytochemical Constituents of the Extract of <i>Sansevieria cylindrica</i> (Asparagaceae)	International conference on chemical and Environmental Research	International	Jamal Mohamed College, Triuchirappalli, Tamilnadu, India	9 <sup>th</sup> Dec., 2018
6	Phytochemical Analysis, Antibacterial Activity & Characterized by FT-IR Study On <i>Butea monosperma</i> Leaves extract	International conference on chemical and Environmental Research	International	Jamal Mohamed College, Triuchirappalli, Tamilnadu, India.	9 <sup>th</sup> Dec., 2018
7.	Phytochemical Analysis, Antibacterial Activity & Characterized by FT-IR Study of Ethyl Acetate Extract of <i>sansevieria roxburghiana</i> (Asparagaceae)	International conference on chemical and Environmental Research	International	Jamal Mohamed College, Triuchirappalli, Tamilnadu, India.	8 <sup>th</sup> Jan., 2020

## 20. DETAILS OF PARTICIPATION

(Conference(s) / Seminar(s) / Workshop(s) / Symposium(s))

S. No.	Name of the event(s)	Sponsored by	Conducted by	Place	Duration/ Date
<b>Conference(s)</b>					
1	National Conference On Recent Trends in Chemistry	UGC	Department of Chemistry	Bishop Heber College, Trichy – 620 017	12 <sup>th</sup> , October 2007
<b>Workshop(s)</b>					
2	Frontiers in Chemistry	UGC	Department of Chemistry	National College, Tiruchirappalli	13 & 14, March 2009
3	Language Skills for Enhancing Employability Traits	UGC	Department of English	Nehru Memorial College, Puthanampatti	5 <sup>th</sup> , August 2015
4	e-content development	UGC	Nehru Memorial college	Nehru Memorial College, Puthanampatti	23.10.2013 to 26.10.2013
5	Need Based Value Added Research Proposal writing	UGC	Nehru Memorial college	Nehru Memorial College, Puthanampatti	25 <sup>th</sup> to 26 <sup>th</sup> Sept-2014
6	Chemistry for a Sustainable Planet	Indian Science Academies	Department of Chemistry	Kongu Engineering College, Perundurai, Erode.	08.04.2021 to 09.04.2021.

## 21. DETAILS OF PROFESSIONAL DEVELOPMENT

(Orientation / Refresher Course / FDP / Short Term Course / Online Course)

S. No.	Name of the events	Sponsored by	Conducted by	Place	Duration/ Date
<b>Faculty Development Programme</b>					
1	Faculty Development Programme on Higher Education	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	21.01.2012
2	Faculty Development Programme	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	11.06.2014
3	Faculty Development Programme	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	5.08.2015
4	Two-Day State Level Training Program on Administrative Skill Development (ASD)	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	23.2.2017 & 24.2.2017
5	Faculty Development Programme – Effective learning	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	12.06.2017
6	Faculty Development Programme – Student Skills, Mentoring and Counselling	UGC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	30.05.2019
7	Faculty Development Programme on Online Teaching , Learning and evaluation	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	10 <sup>th</sup> & 11 <sup>th</sup> August 2020
8	Faculty Development Programme on Outcome Based Education	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti - 621 007	20 <sup>th</sup> & 21 <sup>th</sup> May 2021
9	Intellectual Property Rights(IPRs)	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti	01.12.2022
10	Publication of Quality Research Papers in Reputed Journal	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti	02.12.2022
11	Curriculum Pedagogy and Assesment	IQAC - NMC	IQAC	Nehru Memorial College ( Autonomous ), Puthanampatti	10.12.2022

