

# PROFILE

## PERSONAL INFORMATION:

**Name** : Dr. A. ARIVUCHELVAM  
**Designation** : Assistant Professor  
**Department** : PG and Research Department of Mathematics  
**E-Mail ID** : [arivuchelvam2008@gmail.com](mailto:arivuchelvam2008@gmail.com)  
**Contact No.** : 9894446217  
**Date of Birth** : 20.10.1978  
**Date of Appointment:** 23.08.2007  
**Date of Retirement** : 31.10.2036  
**Gender** : Female  
**Address** : 5/582 Nakkeerar Street, Sadhasiva Nagar, Anna Nagar, Madurai, Tamilnadu.



## Academic Qualifications:

### Doctoral Research Ph.D

- **University:** Madurai Kamaraj University, Madurai, India
- **Title:** Studies on New Bitopological Sets, Functions and Spaces
- **Year:** 2017

### Master of Philosophy

- **University:** M.T.N College, Madurai / MKU
- **Year:** 2003

### Post Graduation

- **University:** S.V.N College, Madurai / MKU
- **Degree:** Master of Science in Mathematics
- **Year:** 2002

## Under Graduation

- **University:** S.V.N College, Madurai / MKU
- **Degree:** Bachelor of Science in Mathematics
- **Year:** 2000

## TEACHING EXPERIENCE:

- 2005-2007 Worked as an Assistant Professor in Mannar Thirumalai Naicker College (SSC), Madurai
- From 2007 - Working as an Assistant Professor in the Regular Stream in Mannar Thirumalai Naicker College, Madurai

## Orientation / Refresher Course Attended (other than MTNC):

- Participated in an orientation programme at Madurai Kamaraj University on August 2010
- Attended a refresher course entitled “Recent Trends in Advanced Mathematics” at Madurai Kamaraj University on February 2013
- Attended a refresher course entitled “Advances in Analysis, Algebra and Differential” at Madurai Kamaraj University on December 2015

## Faculty Development Programme/ Short Term Course attended (other than MTNC):

- Attended a FDP entitled “Emerging Trends in General Topology” conducted by Nadar Saraswathi College of Arts & Science on 24<sup>th</sup> January 2014
- Participated a FDP entitled “Basics of Recent Trends in Mathematics” conducted by H.H.The Rajahs College on 21<sup>st</sup> March 2019

## Publications (*List of papers published, in year wise descending order*):

S. No.	Title of the paper	Name of the Authors	Name of Journal	Month & Year	ISSN	Volume & Issue	Impact factor	ID Indexed in Scopus, Web of Science, Pub med / approved by UGC / UGC CARE List
1	Continuity and Separation Axioms	Dr.A.Arivuchelvan	International Journal of Current Research in Science & Technology	2015	2321 - 5745	Volume 1, Issue 4, Pg.No:25-31		UGC

2	A Study New Types of functions $(1,2)*g'''$ - Closed Sets on Bitopological spaces	<b>Dr.A.Arivuchelva m</b>	Shanlax International Journals of Arts, Science and Humanities	2017	2321-788	Volume 4, Spl Iss1	1.5496	UGC
3	$(1,2)*$ - g-interior and $(1,2)*$ - g closure in Bitopological Spaces	<b>Dr.A.Arivuchelva m</b>	International Journal for Research in Engineering Application and Management	May 2018	2454-9150	Vol. 4 Issue 2	5.834	UGC
4	Decompositions of $(1,2)*$ - $g'''$ Continuity in Bitopological Space	<b>Dr.A.Arivuchelva m</b>	International Journal for Research in Engineering Application and Management	May 2018	2454-9150	Vol. 4 Issue 2	5.834	UGC
5	On $(1,2)*$ - $g'''$ - Regular Space In Bitopological	<b>Dr.A.Arivuchelva m</b>	International Journal of Scientific Research and Review	June 2018	2454-9150	Vol. 7 Issue	6.946	UGC
6	On the classes of $(1,2)*$ -open sets in Bitopological space	<b>Dr.A.Arivuchelva m</b>	International Journal of Mathematics Trends and Technology	Feb 2020	2231-5371	Vol. 66 Issue	0.764	UGC CARE LIST

### Research Articles Published in Proceedings:

S. No.	Name of the Author/Authors	Title of the Article	Title of the Conference/Seminar	International / National / State level	ISBN Number	dt/mm/yr
1	<b>Dr.A.Arivuchelvam</b>	Women empowerment - Milestones and challenges	Women empowerment	National	_	08.10.2015
2	<b>Dr.A.Arivuchelvam</b>	$(1,2)*$ - $g'''$ - Homeomorphism and Separation Axioms	Present scenario in group theory	National	978-93-85977-68-8	16.12.2016
3	<b>Dr.A.Arivuchelvam</b>	A study On New $(1,2)*$ - $g'''$ - locally closed sets	TNSCST Sponsored two day international conference on applications of mathematics in science and technology	International	_	26.07.2019

### Paper presented in Conference/Seminar:

S. No.	Title of the Paper	International / National / State level	Title of the Conference	Institution/ College Name	dt/mm/yr
1	A Study on Contra $g^*$ - Continuous maps	National level	National Conference on Applicable Mathematics and Mathematical Methods	Sivakasi Nadars Pioneer Meenakshi Women's College, Poovanthi, Madurai	28.12.2013
2	A study on $(1,2)^*$ - $g^{***}$ - Homeomorphism	National level	Modern Trends in Applications of Mathematics	Sourashtra Arts College, Madurai	28.02.2013
3	Women Empowerment	National level	Women empowerment- Milestones and challenges	S.Vellaichamy Nadar College	8 <sup>th</sup> oct 2015
4	A study On New $(1,2)^*$ - $g^{***}$ - locally closed sets	International Conference	TNSCST Sponsored two day international conference on applications of mathematics in science and technology	AAA College of engineering and Technology	25 & 26 july 2019

### Detail of Project:

S. No.	Project Title	Name of Applicant(s)	Status	Amount	Agency	Year
1	A study On New $(1,2)^*$ - $g^{***}$ interior and $(1,2)^*$ - $g^{***}$ closure in Bitopological spaces	Dr. A. Arivuchelvam	Submitted	3,00,000	UGC	Aug 2015
2	A Study on Decompositions of $(1, 2)^*$ - $g^{***}$ Continuity in Bitopological Space	Dr. A. Arivuchelvam	Submitted	550000.00	NBHM	Aug 2017

**FDP/Workshop Attended (other than MTNC):**

<b>S. No.</b>	<b>International / National / State Level</b>	<b>Title of the Programme/Course</b>	<b>Name of the Institution/University</b>	<b>dt/mm/yr</b>
1	Sate Level	Basics of Recent Trends in Mathematics	H.H.The Rajahs College	21.03.2019
2	State level	Modern Trend in Applications of Mathematics	Arul Anandar College, Madurai	25.02.2014
3	International level	Research Process Engineering effective and for Quantitative Research	G.T.N Arts College, Dindigul	28.02.2017
4	State Level	Opportunities and challenges in the emerging spaces of higher education	Sri Meenakshi Government Arts college for Women	04.09.2019
5	National Level	Webinar on Online Teaching and Learning	G.T.N Arts College, Dindigul	09.05.2020
6	National Level	Webinar on qualitative Analysis of Differential Equations and its	G.T.N Arts College, Dindigul	27.05.2020
7	National Level	Three Days National Level Online Course on Operation Research	VHN Senthilkumar Nadar College	18.05.2020 to 20.05.2020
8	National Level	Mathematics E-Quiz	Sengunthar Arts and Science College	25.05.2020
9	National Level	Key issues in Research Methodology	G.T.N Arts College, Dindigul	03.06.2020
10	National Level	Online Awareness Quiz on Covid-19	PSNA College of Engineering and Technology, Dindigul	01.06.2020 to 03.06.2020
11	International Level	Three Days International Webinar on Graph Theory and Human Factors in Aviation	G. Venkataswamy Naidu College, Kovilpatti	3.06.2020 - 5.06.2020
12	National Level	Three days online FDP on Recent Advances in Graph Theory	St. Josephs College of Engineering, Chennai	28.05.2020 to 30.05.2020
13	National Level	Online Faculty Development Programme - Challenges for college teachers in the new educational scenario	Marry Matha College of Arts & Science	06.06.2020

14	National Level	Online Training on Mathematical Skills for Competitive Exams	Raja Doraisingam Government Arts College, Sivagangai	25.05.2020 to 31.05.2020
15	National Level	Online FDP on Introduction to fuzzy sets and its Generalization	Mepco Schlenk engineering College, Sivakasi	10.06.2020
16	National Level	E-Quiz on Mathematics	Rohini College of Engineering & Technology	03.06.2020
17	National Level	Webinar on Fuzzy logic and its Applications	Rohini College of Engineering & Technology	12.06.2020
18	National Level	One day webinar on Residue theory and its Application	G .Venkataswamy Naidu College, Kovilpatti	12.06.2020
19	International Level	Webinar on fourth state of matter and its Applications	G. Venkataswamy Naidu College, Kovilpatti	15.06.2020
20	National Level	Webinar on Polynomials associated with Graph	Tirunelveli Dakshina Maranadarsangam College	15.06.2020
21	National Level	E-Quiz on Astropics	Madonna Arts & Science College for Women, Madurai	15.06.2020
22	National Level	Webinar on Graph embedding	Don Bosco College of Arts and science	16.06.2020
23	National Level	E Quiz on Pure Mathematics	Vel Tech High Tech	16.06.2020
24	National Level	E Quiz on Investment Management	Saraswathi Narayanan College	17.06.2020
25	National Level	Webinar on edge colouring in Graphs	Pope's college ( Autonomous), Sawyerpuram	18.06.2020
26	National Level	National Webinar on Mathematical Analysis And Topology	G. Venkataswamy Naidu College, Kovilpatti	20.06.2020
27	National Level	A Three Days National Level Webinar on Recent Trends in Graph Theory	Government Arts College, Paramakudi	22.06.2020-24.06.2020
28	National Level	Online Quiz on Basic linear Algebra	VHN Senthikumara Nadar College	02.07.2020
29	International Level	International e-Quiz on Global Mathematicians	Forum De Mathematicians, Tamilnadu, india	03.07.2020
30	National Level	Online test on Quantitative Aptitude for Placements and Competitive Examinations	Yadava College, Madurai	04.07.2020
31	National Level	Online NSS - Quiz (2020)	Umamaheswaranar Karanthai Arts College, Thanjavur	05.07.2020

32	National Level	National E Quiz on Genius of Mathematics	Mangayarkarasi College of Arts and Science For Women	08.07.2020
33	National Level	Online Quizophile 2020 Competition	EGS Pillay Group of Institutions, Nagapattinam	09.07.2020
34	National Level	Webinar on Soft Competing By Soft Sets	Don Bosco College of Arts and Science	10.07.2020
35	National Level	Emerging online Teaching Methodologies	Make - It - Academy	12.07.2020

### Positions held at our college (MTNC):

S.No	Name of position	From	To
1	Attendance Committee	June 2012	May 2018
2	Member of Women's Development cell	June 2012	2017
3	Convener of ECO Club	June 2012	May 2018
4	Research committee member	June 2016	May 2018
5	IQAC/AQAR preparation committee member	June 2017	Till date
6	Convener of Women's Development Cell	June 2018	May 2019
7	NSS Programme officer	June 2018	Till date

### Workshop/Conference/FDP Attended in MTNC:

S. No.	International/National/ State Level	Title of the Workshop/Conference	Name of the Institution/University	Month and Year
1	State Level	Recent Trends in Mathematical Models	MTNC	Aug 2014
2	International Level	Advances in Stochastic Modeling	MTNC	8-10 Jan 2013
3	National Level	Recent Trends in Applied Mathematics	MTNC	14 Aug 2015
4	National Level	Two days workshop on Preparation for UGC CSIR NET Examination in Mathematics	MTNC	22-23 Sep 2017
5	National Level	A one day faculty development programme	MTNC	4 Mar 2017
6	National Level	Faculty development programme on Online Teaching, Learning and Assessment, Using Moodle, MOOC Platform, Open Educational Resource and EDUCATION	MTNC	23 and 24 Oct 2017
7	National Level	Faculty development programme on e-Content Development and Digital Tools	MTNC	2 and 3 Mar 2018

8	National Level	Workshop on Technicalities of Writing Research Proposal	MTNC	29 Jun 2018
9	National Level	Faculty development programme on Intellectual Property Rights, Skills Development Programme, Innovations, Patents and setting up incubation centers	MTNC	22 JAN 2019
10	National Level	Faculty Development Programme on Promotion of API and CAS Filing	MTNC	2 Mar 2019
11	National Level	Faculty Development Programme on One who can do, Teachers, How to do? and what to do	MTNC	8 Mar 2019
12	National Level	Faculty Development Programme on one day training and production workshop on prospects of outcome based curriculum	MTNC	9 Mar 2019
13	National Level	Faculty Development Programme on one day capacity building programme on outcome based education	MTNC	28 Aug 2019
14	National Level	One day workshop on Research writing and publication: Theory and Practice	MTNC	19 Oct 2019
15	National Level	Applied Mathematics and IPR	MTNC	20 Dec 2019
16	National Level	Faculty Development Programme on e-content development and digital tools usage	MTNC	29 Feb 2020
17	National Level	Faculty Development Programme on Promotion of API Score and Career Advancement Scheme	MTNC	03 Mar 2020
18	National Level	Faculty Development Programme on 21 Century Skills	MTNC	05 Mar 2020
19	National Level	Faculty Development Programme on Quality Assurance and Sustenance in Higher Education	MTNC	11 Mar 2020
20	National Level	Faculty Enrichment Programme	MTNC	13.05.2020 to
21	National Level	E-Quiz on Soft Skills	MTNC	06.06.2020
22	National Level	Online Quiz on Organizational Behaviour	MTNC	13.06.2020
23	State Level	Recent Trends in Mathematical Modeling	MTNC	27.06.2020