

## CURRICULUM VITAE

Name : Dr.O. UMA MAHESWARI  
Designation : Assistant Professor of Mathematics  
Qualification : M.Sc., M.Phil., Ph.D., PGDCA.  
Date of Birth : 10.04.1980  
E-mail ID : [ard\\_uma@yahoo.com.sg](mailto:ard_uma@yahoo.com.sg)  
Mobile Number : 9894410386 /9159175635  
Address : No.98, Nizam Colony  
Pudukkottai – 622 001  
Teaching Experience : 12 Years



S.No	Name of the Institution	Period of Service
1.	Sri Bharathi Arts and Science College for Women, Pudukkottai	26-09-2007 to 30-11-2008
2.	J.J. College of Arts and Science (Autonomous)	01-12-2008 to Till Date

### Publications

Research papers : 11  
Citations / h – index / i 10 - index : 03 / 01 / 00  
Cumulative Impact Factor : 37.038  
Book (s) Published : Nil  
Book Chapter : Nil

1. “Strongly  $\alpha$ \* - locally closed sets in bitopological spaces”, Antartica Journal of Mathematics, 10,(I), (2013), 1-9.
2. “A Note on  $(\tau_1, \tau_2)^*$  - Regular generalized  $\alpha$ -closed sets in Bitopological spaces”- Advances in Applied Mathematical Analysis, 8,(2), (2013), 91-100.
3. “ $(\tau_i, \tau_j)$ -#rg closed sets in bitopological spaces”, Journal of Advanced Research in Applied mathematics, 2014,1-8.
4. “ $(\tau_i, \tau_j)$ -  $\rho$ - closed sets in bitopological spaces”, Advances in Applied Mathematical Analysis, Volume 11, Number 1 (2016), pp. 45-55
5. “ $rw\mu$ -compactness and  $rw\mu$ -lindelofness in Generalized Topological spaces”, International journal of current Research, Vol. 9, Issue, 01, pp. 44616 -44618, January, 2017

6. “#frg connectedness in fine topological spaces”, Global Journal of Pure and Applied Mathematics, Vol. 13, Number 8 (2017), pp. 4313 – 4321.
7. “ $(\tau_i, \tau_j)$ -  $\rho$ - continuous maps in bitopological spaces”, International Journal of Emerging Trends in Science and Technology, Vol (04), Issue (09), Pgs6003 - 6009, Sep- 2017.
8. Contra B and B\* Open Maps in Intuitionistic Topological Spaces", International Journal of Emerging Technologies and Innovative Research ([www.jetir.org](http://www.jetir.org)/ UGC Approved) ISSN:2349-5162, Vol.6, Issue 1, page no.62-71, January-2019
9. On Intuitionistic Continuity in Intuitionistic Topological Spaces", International Journal of Emerging Technologies and Innovative Research ([www.jetir.org](http://www.jetir.org) | UGC and ISSN Approved), ISSN:2349-5162, Vol.6, Issue 1, page no. pp97-104, January-2019
10. An  $(i, k)$  – fuzzy M closed and  $(i,k)$ - generalized fuzzy M-closed sets in double fuzzy topological spaces” Malaya journal of Matematik, S1, 284-289, 2019.
11. On double fuzzy M continuous functions”, AIP conference proceedings, vol(2177) Issue(1), pgs 020085, 2019.

#### Paper Presentation in Conference/Seminar/Workshop

S.No	Presented/ Participated	Title of Conference/ Level	Organised by	Date f Presentation	Topic
1.	Presented	NCRAPAM2011 National	Govt. Arts College for Women, Pudukkottai	28-29, Jan 2011	Fuzzy almost pairwise weakly continuous mappings and Fuzzy almost pairwise weakly open mappings
2	Presented	HICAMS-2012 International (With in India)	Bishop Heber college(A), Trichy	5-7, Jan 2012	Strongly $\alpha^*$ - Locally Closed Sets in Bitopological Spaces
3	Presented	NCRTAAM - 2013 National	National Institute of Technology, Trichy	9-10 May 2013	$(\tau_i, \tau_j)$ -#rg continuous functions in Bitopological spaces
4	Presented	ICAMM-2014	PSG College Of Technology, Coimbatore	3-5 Jan 2014	Regular Weakly $\mu$ - Compactness in Topological Spaces.
5	Presented	NCRTMM- 2014 National	Govt. Arts College For Women, Pudukkottai	12-13 March 2014	On $\alpha$ Paracompactness in Bitopological Spaces
6	Participated	NCRDPAM-	Govt. Arts	21-22 Feb 2019	--

		2019 National	College, Karur		
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### **Research Guidance**

1	<b>Ph.D.</b>	Guiding : 04	Completed : 0
2	<b>M.Phil.</b>	Guiding : 01	Completed :08

### **Portfolio**

- Member – Board of studies, J.J. College of arts and science (A), Pudukkottai.
- Member –Women Empowerment Wing, J.J. College of arts and science, Pudukkottai.