

FACULTY PROFILE



Name : Dr. T.INDIRA
Designation : Assistant Professor
Department : Mathematics
Teaching Experience : UG-17 years,PG-14 years
Date of Birth : 14.5.1965
Address : C-215,Vignesh Empire,
Salairoad,Woriyur,
Trichy-620003.
Mail id : drtindira.chandru@gmail.com
Ph.DGuideship : Yes
No. of Students : one completed, one submitted, two doing.
M.PhilGuideship : Yes
No. of Students : 30
Area of Specialization : Topology
Academic Qualification : M.Sc.,M.Phil.,Ph.D.,B.Ed.,

Exam Passed	Board/University	Subjects	Year	Division/ Grade Merit etc.
B.Sc	M.K.University	Mathematics	1987	I Class
M.Sc	M.K.University	Mathematics	1989	I Class
M.Phil	Alagappa University	Mathematics	1991	I Class
Ph.D	Alagappa University	Mathematics	2005	
B.Ed.,	Alagappa University	Mathematics	1990	I Class

Details of Research works:

M.Phil/Ph.D	Title of work/Theses	University where the work was carried out
M.Phil	Non Archemedian Sequence And Function Spaces	Alagappa University
Ph.D	Some Pairwise Maps On Bitopological Spaces	Alagappa University

No. of papers Published : 37

No. of papers Presented in Conference/Seminar : 5

No. of Conference/ Seminar/Workshop attended : 7

Details of Minor/Major Project:

No. of Minor Projects : 2
 Type of Project : Minor Project
 Title of the project : 1. Some Standard Results on bitopological spaces and
 2. Some new kinds of Separation Axioms in Bitopological spaces
 Project Period : 1. 2005-2007 and 2. 2012-2014
 Amount Sanctioned : 1. Rs.40,000/- and 2. Rs.70,000/-

Paper Publications:

S.No	Title	Journal Name
1.	On Bitopological spaces	Bulletine of Pure & Applied Sciences, Vol 21E(No.1)(2002)p.9-11
2.	Pairwise perfect maps	Acta Ciencia Indica, Vol XXVIII M 2002 No.1
3.	Sequential Bitopological spaces	Antarctica Journal of Mathematics, 2(1)(2005) 53-61
4.	$\tau_1\tau_2$ - \hat{g} closed sets	Antarctica Journal of Mathematics, 4(1)(2007) 113-119
5.	Applications of $\tau_1\tau_2$ - \hat{g} closed sets	Antarctica Journal of Mathematics, 6(2)(2009) 131-137
6.	*b-t-sets in topological spaces	Antarctica Journal of Mathematics, 9(7)(2012) 599-605
7.	Applications of *b-open sets	Annals of Pure and Applied

	and $**b$ -open sets in topological spaces	Mathematics,1(1)(2012) 44-56
8.	On almost $*b$ -continuous functions	Antarctica Journal of Mathematics,10(1)(2013) 83-89
9.	$**b$ -t-sets in topological spaces	Intl.Journal of Applied Mathamtics& Statistical Sciences,2(2)(2013) 55-64
10.	b^{**} -t-sets in topological spaces	Archimedes Journal of Mathematics,3(3)(2013) 209-216
11.	$*b$ -continuos and Somewhat $*b$ -open functions in topological spaces	Intl, Journal of Fuzzy Mathematical Archive,2(2013) 17-25
12.	Somewhat b^{**} -continous and Somewhat b^{**} - open functions in topological spaces	ISST Journal of Mathematics & Computing System,4(No.1)(2013) 21-28
13.	Decomposition of tontinuity via $*b$ -open set	ActaCienciaIndica,VolXXXIX(No.1)(2013) 73-85
14.	Somewhat $**b$ -continuous and Somewhat $**b$ -open functions in topological spaces	Jamal Academic Research Journal(JARJ),(2014) 378-383
15.	Some types of somewhat irresolute functions in topological spaces	Intl.Journal of Advanced Scientific & Technical Research,2(4)(2014) 802-815
16.	τ_α^{**} αg -closed sets in Topological Spaces	Jamal Academic Research Journal,6(No.1&2)(2012)
17.	τ^{**} g -closed sets in Topological Spaces	Antarctica Journal of Mathematics,10(6)(2013) 561-567
18.	τ_α^* $g\alpha$ -closed sets in Topological Spaces	Annals of Pure and Applied Mathematics,4(2)(2013) 138-144
19.	τ_α^{**} αg - continuous maps in Topological Spaces	Jamal Academic Research Journal,(2014)
20.	τ_α^{**} g -continuous maps in Topological spaces	ISOR Journal of mathematics,vol.10, ISSU6, Ver.v1.25-28, (2014)
21.	τ_α^{**} αg -Homeomorphism m topological spaces	Jamal Academic Research Journal, 432-435
22.	τ_s^* sg -closed sets in topological spaces	International Journal of mathematics Trends and Technology,2(1), 69-76,(2015).
23.	τ_s^* sg -continuous maps in topological spaces	International Journal of Mathematics and computer research, 3(10), (2015).
24.	$\tau_1\tau_2$ g^{**} open sets in Bitopological spaces	Antarctica Journal of Mathematics,7(1)(2010) 1-6
25.	$\tau_1\tau_2$ $g^\#$ -closed sets in Bitopological spaces	Antarctica Journal of Mathematics,11(3)(2014), 27-32.
26.	$\tau_1\tau_2$ $^\#g$ -closed sets in Bitopological spaces	Annals of Pure and Applied Mathematics,7(2)(2014) 27-34
27.	$\tau_1\tau_2$ g^* closed sets in Topological Spaces	International journal Advanced Scientific and Technical Research, 4(4)(2014), 998-1004.

28. .	r^*g^* Closed Sets In Topological spaces	Annals of Pure and Applied Mathematics,6(2)(2014) 125-132
29.	Weakly $*g$ closed sets in Topological Spaces	Annals of Pure and Applied Mathematics,8(1)(2014) 67-75
30.	Some Application r^*g^* closed sets in topological spaces	JARJ, 418-421
31.	$**g$ closed sets in topological spaces	International Journal of Fuzzy Mathematics Archive, 6(1),2015, 85-90.
32.	On $(r^*g^*)^*$ - Closed sets in Topological spaces.	International journal of Science and Research,4(12)(2015),297-302.
33.	Few Applications of $(r^*g^*)^*$ closed sets in topological spaces	IJDR, 6(4), 2016.(accepted)
34.	$(r^*g^*)^*$ continuous maps in topological spces	IJDR, 6(4), 2016
35.	$(r^*g^*)^*$ connectedness and $(r^*g^*)^*$ compactness in topological spaces	IJAMSS, 5(5), 2016, 71-80.
36.	$(r^*g^*)^*$ T_0, T_1 and T_2 Axioms in topological spaces	IJAMSS, 6(2), 2017
37.	$\tau_1\tau_2$ - \tilde{g} -closed Sets in Bitopological Spaces.	International Journal of Scientific Engineering and Research, 5(5)(2017) 83-86.

Paper Presented:

S.No	Title	Date	Name of the Conference/Seminar
1.	$\tau_1\tau_2$ p-sets	19/20-3-2005	National Seminar on Algebraic and Analytic Methods
2.	Fuzzy \hat{g} - closed sets	24&25-01-2007	National Seminar on Importance of Graph Theory, Fuzzy Algebra and Cryptography
3.	On Locally $**b$ -Closed Sets in Topological Spaces	5-7 Jan.2012	Intl. Conference on Applications of Mathematics and Statistic
4.	$(r^*g^*)^*$ -locally closed sets in Topological Spaces.	9 & 10 Feb-2017	National Conference on Topology and its Applications.
5.	$I_{\tilde{g}}$ -continuous ,Strongly $I_{\tilde{g}}$ -continuous and Perfectly $I_{\tilde{g}}$ -continuous in Ideal Topological Spaces	9 & 10 Feb-2017	National Conference on Topology and its Applications.

Conference/Seminar/Workshop Participated:

S.No	Date	Name of the Conference/ Seminar/ Workshop
1.	23,24 Feb.2007	Emerging trends on Mathematical Techniques and their Applications
2.	5,6,7 Jan 2012	Intl. Conference on Applications of Mathematics and Statistic
3.	19,20,21,22 Dec 2006	Intl. Conference On Number Theory and Combinatorics
4.	1.11.2004 to 21.11.2004	Refresher course In Environmental Education
5.	22.11.2007 to 12.12.2007	Refresher Course In mathematical Sciences
6.	5.10.2002 to 1.11.2002	Orientation Course
7.	13,14Feb 2012	Intl.conference on Mathematical Methods and Computation

Others:

1.Served As a Resource Person On AICTE Sponsered Staff Development Program In Sri.N.Ramaswamilyer Memorial Polytechnic For Girls,Trichy.

2.Served As a Chair Person In The International Conferenceon Mathematical Methods and Computation,Jamal Mohamed College,Trichy.(2013-2014)

3.Served as a Doctoral Committee Member In Jamal Mohamed College and Bishop Heber College,Trichy.(2014-2015)

4. Served as a Board Study Member In Holy Cross College in Trichy (2016-2017).