

**Government Arts College for women (Autonomous),
Pudukkottai - 622 001.**

STAFF PROFILE

i) General Information

- a) Name : **Mrs. R. ROHINI**
- b) Address (Residential) : No.14 Ezhil Nagar,
Pudukkottai - 622001.
9698867680
- c) Designation : Assistant Professor
- d) Department : Mathematics
- e) Date of Birth : 12.05.1979
- f) E-mail id : rohinianbzhagan7@gmail.com
- g) Area of Specialization : Graph theory and Topological indices



A) Academic Qualifications

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Tamil, English, Maths, Science, Social Science.	Board of Secondary Education	1994	Second class
Higher Secondary or Pre-degree	Mathematics, Physics, Chemistry, Biology	Board of Higher Secondary Education	1997	Second class
UG	B.Sc Mathematics	Bharathidasan University	2000	First class
PG	M.Sc Mathematics	Bharathidasan University	2002	First class
M.Phil.,	Mathematics	Alagappa University	2003	First class
Ph.D.,	Topological indices of Graphs	Bharathidasan University	Doing	
National Educational Testing (NET) UGC	-	-	-	-
State Level Educational Testing (SLET)	-	-	-	-

ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	-----	-----
Ph.D.	-----	-----
Post-Doctoral	Doing	-----
Publications (give a list separately)	Refer Annexure -I	-----
Research Guidance (give names of students guided successfully)	Refer Annexure -II	-----
Training (please specify)	Refer Annexure - IV	

B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
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C) Seminars, Conferences, Symposia Workshops etc. attended (If necessary, give a separatelist)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
Refer Annexure-III		

iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
UG and PG	Government Arts College for Women, Pudukkottai.	Aug 2005 to Sep 2008
UG and PG	Aringar Anna Government Arts College, Cheyyar.	Oct 2008 to June 2009
UG and PG	Government Arts College for Women (Autonomous), Pudukkottai	July 2009 to Till date
M. Phil	-	-
Ph.D	-	-

Total Teaching Experience (in years and months):

- a) Under-graduate : 15 years 2 month
b) Post-graduate : 14 Years 2 months
c) Research : (M.Phil)
: (Ph.D)

viii) Innovations/ Contributions in Teaching (If necessary, give a separatelist)

a) Design of Curriculum:	Competitive Exams Oriented Syllabus
b) Teaching methods:	Power Point Presentation, Lecturing and group discussion
c) Laboratory experiments:	Nil
d) Evaluation methods:	Asking questions, Class test and asking the students To take seminars

e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Hints taken from various books and articles, internets presentations
f) Remedial Teaching / Student Counseling (academic) :	Extra care taken for below average as well as average students
g) Any other:	Teaching basic Computers programming techniques

ix) Extension Work/ Community Service (If necessary, give a separatelist)

a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc. : Nil

ii) National Literacy Mission : Nil

b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity : NSS from 2018 to till date

D. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	Member in evaluation of theory papers in various college and University. Question setting for various Colleges.
b) Co-curricular Activities	Paper publication
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Nil
d) Students Welfare and Discipline	Nil

e) Membership / Participation in Bodies / Committees on Education and National Development	Member of Board of studies
f) Professional Organization of Teachers	Nil

E.

(a) Membership of Professional Bodies, Societies etc.:

- **Reviewer:** Nil
- **Member:** Board of Studies
- **Life Member:** Nil

(b) Editorship of Journals:

F. Any other information : Annexure V



(Signature of the Teacher)

Annexure - I

Publications

Sl. No	Name of the title	Name of the Journal	Year of publications	Remark
1	Total global Domination in fuzzy graph	Indian streams research journal	Vol. III, pp95-101 May 2014	
2	Total global and factor double domination in fuzzy graph	Indian journal of current research international journal	Vol-2, pp57-60 Feb. 2015	
3	A Note on Total and global Accurate Domination in fuzzy graphs	International Organization of Scientific Research Journal	Vol.12, Issue 2, March-April 2016	
4	Some topological indices and polynomials Benzenoid H_k system based on eccentricity	Sambodhi	Vol-43, No.-03(VIII),2249-6661 July-Sep 2020	UGC Care Journal
5	On K-eccentric and K-hyper eccentric indices of Benzenoid H_k system	Malaya journal of Matematik	Vol.8,No.4, 2097-2102, 2020	UGC Care Journal
6	Some connectivity eccentric indices and modified eccentric indices of benzenoid H_k system	Malaya journal of Matematik	Vol.8,No.2, 2020	UGC Care Journal

Annexure-II

Research Experience & Training : Research Guidance Ph.D./M.Phil.,(Department name)

S.No	Name of the Scholar	M.Phil / Ph.D.	Year	FT/PT	University	Pursuing/ Completed/ Awaiting for Viva
-	Nil	-	-	-	-	-

Annexure - III

A) Seminars, Conferences, Symposia Workshops etc. attended (If necessary, give a separatelist)

Sl. No	Name of the Seminars / Conferences / Symposia / Workshops etc	Title of the Paper	Name of the Sponsoring Agency	Place and Date
1	New Innovations in Pure and Applied Mathematics	Study on edge domination in graphs	National conference	Mountzion College of Engineering and Technology 28 th -29 th March 2012
2	Recent Trends in Pure & Applied Mathematics	Total and global and factor double domination in fuzzy graphs	National conference UGC	Bon Secours College for Women, Thanjavur. 23 rd - 24 th Feb. 2015
3	Modern trends in Applications of Mathematics	Total and global domination in fuzzy graphs	National level Seminar UGC	Sourashtra College (A) 28 th Feb. 2013
4	Recent development in coloring, domination and distinguishing codes in graphs	A Note on Total and global Accurate Domination in fuzzy graohs	National conference UGC	Govt. Arts college, Melur, Madurai. 6 th - 8 th , August 2015
5	Recent Treds in Pure and Applied Mathematics	On K-eccentric and K-hyper eccentric indices of Benzenoid H_k system	National conference	Govt. Arts college for women, Sivagangai. 13 th Feb. 2019
6	Research and Development in Dynamic Times	Some topological indices and Polynomials Benzenoid H_k system based on eccentricity	International Multidisciplinary virtual Conference Special Minds and SSN Research	22 nd and 24 th July 2020

			Foundation	
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Annexure - IV

Sl. No	Name of the training	Name of the sponsoring agency	Place and Date
1	Orientation Course	Tamil Nadu State Council for Higher Education and UGC- Academic Staff College, University of Madras	Loyola College Nungambakkam, Chennai, Madras held from 13.10.2008 to 08.11.2008
2	Refresher Course	UGC	UGC-Academic Staff College, Bharathidasan University, Tiruchirappalli held from 10.11.2010 to 30.11.2010
3	Refresher Course	UGC	UGC-Academic Staff College, Bharathidasan University, Tiruchirappalli held from 05.11.2014 to 25.11.2014

Annexure - V

Sl. No	Conduct of Examination	Date and year of Examination	Remarks
1	TNPSC- Group - II (interview post)	11-11-2018 FN	Chief Invigilator
2	TNPSC Junior Inspector of Co- Operative societies in Co- Operative department	27.01.2019 FN	Chief Invigilator
3	TNPSC- Group - I Service Preliminary Examination	03.03.2019 FN	Chief Invigilator
4	TNPSC Combined Engineering Service Examination	10.08.2019 FN & AN	Chief Invigilator
5	TNPSC- Group - IV Services Examination-IV	01.09.2019 FN	Chief Invigilator
6	TNPSC- Group-I Combined civil services-I Preliminary Examination	03.01.2021 FN	Chief Invigilator
7	Autonomous Examination	April 2018	Chief Invigilator
8	Autonomous Examination	November 2018	Additional Chief Invigilator
9	Autonomous Examination	April 2020	Chief Invigilator

Other qualification - Executive officer Year of passing 2012

- (i) Incharge of Coordinator for Co-Operative stores in 2011 - 2013
- (ii) Incharge of Coordinator for Entry into Services Coaching Classes for SC/ST/OBC and Minority Students in 2013 - 2014

- (iii) Incharge for Students Bus Pass 2014 – 2015
- (iv) Incharge for Nominal Roll 2015-2016
- (v) Treasurer for Parent Teachers Associations 2016 - 2018.
- (vi) Programme Officers for NSS 2018 to till date.