

**Government Arts college (Autonomous), Coimbatore – 18**  
**Performance - Teacher Appraisal Report**

**i) General Information**

a) Name : **Dr.P.JENITA**

b) Address (Residential) : 21A KPP Nagar,  
Kuniamuthur,  
Coimbatore-6411008.

Mobile No. 7339325622

c) Designation : Assistant Professor

d) Department : Mathematics

e) Date of Birth : 30.07.1978

f)Area of Specialization : FUZZY MATRIX THEORY



**A) Academic Qualifications**

<b>Exam Passed</b>	<b>Subjects</b>	<b>Board/ University</b>	<b>Year</b>	<b>Division/ Grade/ Merit, etc.</b>
High School	Tamil, English, Mathematics, Science, Socialscience	State Board	1993	I
Higher Secondary or Pre-degree	Physics, Chemistry, Biology, Mathematics	State Board	1996	I
Bachelor's Degree (s)	Mathematics	Bharathiar University	1999	I
Master's Degree (s)	Mathematics	Bharathiar University	2001	I
Research Degree (s)(M.Phil)	Mathematics	Avinasilingam University	2003	I

Ph.D	Mathematics	Anna University	2011	
Other Diploma/ Certificates etc.	PGDCA	Bharathiar University	2008	I

## ii) Research Experience & Training

Research Stage	Title of work / Thesis	University where the work was carried out
M. Phil. or Equivalent	1. Fuzzy relational equations of k-regular interval valued Fuzzy Block Fuzzy Matrices 2. Generalized Pseudo similar and semi similar Fuzzy Matrices	Bharathiar University
Ph. D.	A Study on Generalized Regular Intuitionistic Fuzzy Matrices	Bharathiar University
Post-Doctoral	-	-
Publications (give a list separately)	Please refer <b>Appendix - A</b>	
Research Guidance (give names of students guided successfully)	1. D. Thangamai 2. P. Lekha priya 3. E. Karuppusamy	Bharathiar University
Training (please specify)	-	-

## B) Research Projects carried out

S. No.	Title of the Project	Name of the Funding Agency	Duration	Remarks
	-	-	-	-

## C) Seminars, Conferences, Symposium Workshops etc. attended (If necessary give a separate list)

Name of the Seminars / Conferences / Symposium / Workshops etc	Name of the Sponsoring Agency	Place and Date
Foundation of Vedic Mathematics	Department of Mathematics, GAC, Coimbatore	31/08/2020 to 04/09/2020
Data cleaning using Python	Department of IT, GAC, Coimbatore	14/07/2020

Graphs from Commutative Rings	Presidency College, Chennai	10/06/2020
Enlightening young Mathematicians in Teaching and Research	Loyola College, Chennai	22/06/2020 to 23/06/2020

### iii) Teaching Experience

Courses Taught	Name of the University / College / Institution	Duration
iv) B.E	Prithvi Engineering college	02.06.2003 to 11.08.2004
v) B.E/M.E/MBA	Karpagam college of Engineering	13.08.2004 to 30.04.2010
vi) B.E/M.E	1. KPR Institute of Engineering & Technology 2. Sri Krishna college of Engineering & Technology	1. 01.06.2010 to 31.05.2012 2. 11.06.2012 to 15.05.2015
vii) Any other (UG &PG (BA / B.Sc., etc. Pass)	1. Government Arts College, Udumalpet. 2. Government Arts, Coimbatore	17.08.2015 to 01.08.2016 01.08.2016 to till date

### Total Teaching Experience (in years and months): 20 Years

- a) Under-graduate (Pass) : -  
b) Under-graduate (Hons.) : -  
c) Post-graduate : -

### viii) Innovations/ Contributions in Teaching (If necessary give a separate list)

a) Design of Curriculum :	
b) Teaching methods :	
c) Laboratory experiments :	
d) Evaluation methods :	
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	
f) Remedial Teaching / Student Counseling (academic) :	
g) Any other :	

**ix) Extension Work/ Community Service***(If necessary give a separate list)*

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.

ii) National Literacy Mission

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

**D. Participation in Corporate Life**

Please give a short account your contribution to:

a) College/ University / Institution	Tutor, Invigilator, Admission process
b) Co-curricular Activities	Soft Skill trainer, Naan Mudhalvan coordinator, Bus Pass Incharge, PG Library Incharge
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	
d) Students Welfare and Discipline	
e) Membership / Participation in Bodies / Committees on Education and National Development	
f) Professional Organization of Teachers	

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

(b) Editorship of Journal

**F.** Any other information

**(Signature of the Teacher)**

## Appendix - A

### List of Publications

#### 2014

1. P. Jenita, “k-pseudo- similar interval-valued fuzzy matrices”, International journal fuzzy mathematicalarchive, Vol.5, No.1,1-9.

#### 2015

2. P. Jenita, “k-semi- similar interval-valued fuzzy matrices”, International journal fuzzy mathematicalarchive, Vol.6, No.2,105-109.

#### 2017

3. P. Jenita, E. Karuppusamy and D. Thangamani, “k- Pseudo Similar Intuitionistic Fuzzy Matrices”, Annals of Fuzzy Mathematics and Informatics, March 2017.
4. P. Jenita and E. Karuppusamy, “Fuzzy Relational Equations of k- regular Intuitionistic Fuzzy and Block Fuzzy Matrices”, Advances in Research, 11 (2), 1-10.

#### 2018

5. P. Jenita and E. Karuppusamy, “Inverses of k-Regular Intuitionistic Fuzzy Matrices,International Journal of Pure and Applied Mathematics”, Volume 119, No. 12, 2341-2359.

#### 2019

6. P. Jenita and E. Karuppusamy “Characterization of the set of all k-g – inverses of k – regular Intuitionistic Fuzzy Matrices” International Journal of Advanced Science and Technology,28(16), 1157-1161

#### 2020

7. P. Jenita and E.Karuppusamy “Special Types of Inverses of k-Regular Intuitionistic Fuzzy Matrices”  
TEST Engineering and management, March-April, 20035-20049.
8. P. Jenita and E.Karuppusamy “ Generalized regular block intuitionistic fuzzy matrices”,  
Advances in Mathematics: Scientific Journal, 9(5), 2983-3006.

#### 2022

9. P. Jenita , E.Karuppusamy and M. Princy Flora “A Study on Ordering in Generalized Regular Intuitionistic Fuzzy Matrices”, JOURNAL OF ALGEBRAIC STATISTICS, 13(3), 1415-1422.

