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

i) General Information

a) Name   **:** Dr. N.THENMOZHI

b) Address (Residential)   : 87, Jeeva Nagar,
                                             Vilankurichi Road,
                                             Coimbatore -641 035.
                     Mobile No. : 9842859925

c) Designation   : Associate Professor

d) Department   : Information Technology

e) Date of Birth   : 06/02/1967

f) Area of Specialization   : Image Processing, Distributed Computing, Grid Computing

A) Academic Qualifications

Examination passed	Board / university	Subject	Year	Division grade/merit etc.,
High School	Tamil, English, Maths, Science, History &	Board of Secondary Education	1982	First
Higher Secondary or Pre-degree	Maths, Biology	Board of Higher secondary Education	1984	Second
Bachelor's Degree(s)	Statistics	Sri Saradha College, Salem, Madras	1987	First
Master's Degree(s)	M.C.A., Computer Applications	Bharathiar University,	1990	Second
	M.S., Software Systems	Birla Institute of Technology, Pilani.	1996	First
Research Degree (s)	M.Phil., Computer Science	Manonmaniam Sundaranar	2003	Awarded
	Ph.D., Computer Science	Mother Teresa Women's University,	2014	Awarded
Other Diploma/ Certificates etc.	-	-	-	-

ii) Research Experience & Training

Research stage	Title of thesis	University where the work was carried out.
M.Phil	Handwritten Character Recognition	Manonmaniam Sundaranar University, Thirunelvelli.
Ph.D	Some Investigations on Security Issues in Grid Networks	Mother Teresa Women's University, Kodaikanal.
No of Publication	List Enclosed - Refer Appendix A	
Research guidance(give the names of students guided successfully)	List Enclosed - Refer Appendix B	
Training(please specify)	List Enclosed - Refer Appendix C	

B) Research Projects carried out

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

C) Seminars, Conferences, Symposia Workshops etc. attended

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
List Enclosed – Refer Appendix D		

iii) Teaching Experience

Courses Taught	Name of University/ College/Institution	Duration	
		Period of employment From - To	Years of Experience
i) U.G. (B.A., / B.Sc., etc. Pass) (B.A./ B.Sc. etc., Hons.)	Govt.Arts College, Coimbatore. N.K.R. Govt Arts College for Women, Namakkal.	03.11.2015 to till date 26.12.2007 to 02.11.2015	7 years 9 months 7 years 11 months
For B.Sc, For B.E., Computer science	Sengunthar Arts and Science College, Tiruchengode. V.M.K.V. Engg., College, Salem.	02.07.2001 to 31.07.2002 16.12.1990 to 02.07.2001	1 year 1 month 10 year 6 months
ii. PG (M.A./M.Sc./MCA etc)	Govt.Arts College, Coimbatore. N.K.R. Govt Arts College for Women, Namakkal. Sengunthar Arts and Science College, Tiruchengode. Sengunthar Engineering College, Tiruchengode. V.M.K.V. Engg., College, Salem.	03.11.2015 to till date 26.02.2011 to 02.11.2015 02.07.2001 to 31.07.2002 01.08.2002 to 25.12.2007 16.08.1994 to 02.07.2001	7 years 9 months 4 years 8 months 1 year 1 month 5 years 5 months 6 years 11 months
iii. M.Phil	Govt.Arts College, Coimbatore	03.11.2015 to till date	7 years 9 months
iv. Ph.D.,	Govt.Arts College, Coimbatore.	03.11.2015 to till date	7 years 9 months
v. Others (if any)	---	---	

Total Teaching Experience (in years and months) : 32 years 8 months

a)	Under-graduate	32 years 8 months
b)	Post-graduate	24 years
c)	Research	21 years 5 months

viii) Innovations/ Contributions in Teaching

a) Design of Curriculum :	Helping the Principal, HOD in the Departmental activities, and Maintaining Discipline in the campus.
b) Teaching methods :	Lecturing, educational quiz, group discussions, seminars. Industrial visits and training.
c) Laboratory experiments :	Experiments based on problems solving ability in accordance with the syllabus, Questionnaires and
d) Evaluation methods :	Tests, seminars, experiments, paper presentation,
e) Preparation of resource material including books, reading materials,laboratory manuals etc.:	e-material prepared and submitted for uploading, Prepared Lab manual.
f) Remedial Teaching / Student Counseling (academic) :	Conduct of student seminars
g) Any other :	Periodical counselling to students of the Department.

IX) Research Contribution

a). PhD/M.Phil undergoing scholars

Sl. No	Name of the PhD/ M.Phil(PT/FT) Scholar	Name of the University	Broad Field	Registration Number	Year of registration
1	K.Prema	Bharathiar University	Advanced Networking	CRE/CSC 21PDEC 1491/2022	01.12.2021
2	S. Karthikeyan	Bharathiar University	Advanced Networking	CRE/CSC 21PDEC 1493/2022	01.12.2021
3	NK. Radhika	Bharathiar University	Data Mining	CRE/CSC 21PDEC 1492/2022	01.12.2021
4	K Karthiga	Bharathiar University	Big Data Analysis	CRE/IT 22PNOV 1087/2022	01.11.2022

b). PhD/M.Phil Awarded

Sl.No	Name of the PhD/M.Phil (PT/FT) scholar	Name of the University	Title of the thesis	Year of registration of the scholar	Year of award of PhD
1	J. Saranya Ph,D(FT)	Bharathiar Univ, GAC(A), CBE	Time Variant Satellite Image Based Multi Feature Approximation Model for Improved Sugarcane Plant Monitoring.	28321/B1/2016	Jan 2023

X) Extension Work/ Community Service

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

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

C. Participation in Corporate Life
Please give a short account your contribution to:

a) College/ University / Institution	Helping the Principal, HOD in the Departmental activities, and Maintaining Discipline in the campus. Participate in all department activities, CLP along with the HOD for college and department welfare. Acted as a placement cell Joint Coordinator for two years. Acted as IQAC coordinator for 1 years 10 Months. Acted as NAAC coordinator for 10 Months. Acted as main hostel deputy warden for 1 year Assistant to the chief examiner in the university exam Nov 2014 and Apr 2011. Convocation duty along with the HOD for college 2022. Bus pass duty for 1 year. Acting as a member in the college cybercrime club from Aug
b) Co-curricular Activities	Conducting all the festival celebration and doing the cultural activities.
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Deputy warden from 17.07.2014 to 14.07.2015 Supervising & guiding for students in the cultural activities
d) Students Welfare and Discipline	Closely monitor student's progress and personality development, counselling, carrier guidance, helped economically poor students. Given coaching, practice and training for various programs to the students. Supported departmental activities
e) Membership / Participation in Bodies	Examiner, Question paper setter, DC External Examiner. Member of BOS in GAC, Coimbatore
f) Professional Organization of Teachers	Association for supervision and curriculum Development

D.(a) Membership of Professional Bodies, Societies, Editorship of Journals etc.
Life member in Indian Society for Technical Education (ISTE)

E. Any other information

(Signature of the Teacher)

APPENDIX – A

PUBLICATIONS

S.No.	Month & Year	Title
1	September 2010	Analysis of Impact of Symmetric Encryption algorithm in data security model of grid networks, IJCSIS, ISSN : 1947-5500 [Vol.8, No.6].
2	December 2011	Content Based Data Transfer Mechanism for Efficient Bulk Data Transfer in Grid Computing Environment, International Journal of Grid Computing and Applications (IJGCA), Vol. 2, No. 4, pp.49-69, ISSN: 0976-9404
3	October 2012	Dynamically Changing the Symmetric Encryption Algorithm for Improving Security and Performance during Data Transfer in Grid Networks, International Journal of Computer Applications (IJCA) 0975 - 8887, Vol. 55, No. 7
4	January 2015	Multi Attribute Content Distribution and Replication Based Video Streaming in Wireless Networks for QOS Improvement, COMPUSOFT, An international journal of advanced computer technology, 4 (1), January-2015 (Volume-IV, Issue-I), pp. 1467-1471, ISSN: 2320-0790
5	Feb-Mar 2015	A Study On ETL INFORMATICA Transformations, International Journal Of Computer Science & Communication Networks,Vol 5(1), pp. 27-31, ISSN :2249-5789.
6	September 2017	"A study on the Hyper Spectral Image classification Methods for Mineral Prediction" International Journal for Research in Engineering Application & Management, ISSN:24549150, Vol-03, Issues-06, Sep 17.
7	October 2017	"Secure And Trustable Data Routing In Wireless Senor Network: A Survey", IJAIST, ISSN: 2319:2682 Vol.6, No.10, October 2017.
8	December 2017	"Satellite Hyper Spectral Images to Support Diseases Surveillance", International Journal of Advanced Computer Applications, Dec 2017.
9	September 2018	"Exposure of Plant Leaf Syndromes – A Survey", IJSRD, Vol. 6, Issue Sep 2018, 2321-0613.
10	October 2018	"A Hybrid Approach for Hyper Spectral Image Segmentation using SMLR and PSO optimization", International Journal of Applied Engineering Research ISSN : 0973-4562, Vol 13, Number 5 (2018) pp.2105-2109.
11	June 2019	"A Survey On Data Dimensionality Reduction Techniques", JETIR1907T93 ISSN : 2349-5162, Vol 6, Issue 6, June 2019.
12	September 2020	"Real time satellite image based CCF approximation model for efficient sugarcane growth and yield estimation using artificial neural networks", Indian Journal of Science and Technology Sep 2020, 13(32):3237-3247.

13	March 2020	"Real Time CHIS Model for Efficient Sugarcane Plant Growth and Yield Estimation Model using Satellite Images", IJRTE,ISSN:2277-3878, volume-8 Issue-6, Mar 2020.
14	February 2021	Improved Harmonic Linear Discriminant Analysis Pairwise Based Data Dimensionality Reduction, IJCRT, ISSN:2320-2882, volume 9, Issur 2 , Feb 2021.
15	July 2021	"Satellite Image Based Dual Level Feature Approximation Technique for Efficient Sugarcane Monitoring Using ANN", Turkish Online Journal of Qualitative Inquiry (TOJQI), Volume 12, Issue 8, July 2021: 3185-3198.
16	February 2023	"Data Security in Cloud Computing: A survey", IJARESM, ISSN : 2455-6211,Volume 11, Issue 2, Feb 2023.
17	July 2023	"Advancements ih healthcare: A survey on IOT-Based health monitoring through healthcare- Aware wireless sensor networks", IRJMRS, ISSN-2455-930X, Vol -6 Issue-5, July 2023.
18	July 2023	"IOT Based Health care monitoring using microcontroller", Eur.Chem. Bull. 2023, 12(Special Issue 8), pp.3971-3983.

APPENDIX-B

RESEARCH GUIDANCE

M.Phil., Computer Science

S.No.	Register No.	Name	Month & Year	University	Title
1	02CD0799	S. Vennila	Nov 2003	Bharathidasan	Distributed Data Warehousing
2	02CD0798	C. Venkatesh	Nov 2003	Bharathidasan	Crpto Mechanisams on Network Security
3	03CD2724	S.Malathi	Nov 2004	Bharathidasan	Host System Control
4	03CD2730	S.Poongodi	Aug 2004	Bharathidasan	Information System and Mobile Dictionary using WAP
5	03CD2744	K.N.Sangeetha	Aug 2004	Bharathidasan	Client Side Web Caching System
6	04CD2005	S.Vijayarai	Aug 2005	Bharathidasan	Digital Image Processing System
7	06DCCC	A. Kavitha	Sep 2005	Periyar University	Broad Band Wireless Revolution using WIMAX
8	05CD18853	M.Indhumathi	Apr 2006	Bharathidasan	RAID
9	06DCCC2072	M.Devi	Sep 2007	Periyar University	Adoptionand Feasibility of Backup and Recovery in a Distributed System
10	06DCCC1178	D. Uma	Oct 2007	Periyar University	Pick Packet Distributed Parallel Architecture
11	06DCCC2841	K.S.Keerthiga	Sep 2007	Periyar University	Efficient Key Management to offer Data Confidentiality for Secure Multicast
12	06DCCC1165	K.Preetha	Oct 2007	Periyar University	An Architectural Framework for the Security of Mobile Agents
13	06DCCC1179	S.S.Shanthi	Oct 2007	Periyar University	Alternate Path Routing for Multicast
14	06DCCC2537	S. Pradeep Gnanam	Dec 2009	Periyar University	Aframework for comparing web based learning environments
15	605021090504	A. Balakrishnan	Dec 2009	Vinayaka Missions University, Salem	Distributed Firewall System
16	2016PR0429 FT	K.Prema	13.03.2018	Bharathiar Univ, GAC(A), CBE	Ranking Production Based Path Analyzing using threshold level based node selection algorithm in WSN.
17	2016PR0167 PT	N.Manjuladevi	13.03.2019	Bharathiar Univ, GAC, CBE	A design and development of an algorithm in identifying heterogeneous form of diseases in paddy using digital image processing techniques.
18	2017 PR0178 PT	H. Fousia Banu	20.02.2020	Bharathiar Univ, GAC(A), CBE	Improved Harmonic Linear Discriminant Analysis Pairwise Based Data Dimensionality Reduction

Ph.D., Computer Science

S.No.	Register No.	Name	Month & Year	University	Title
1	28321/B1/2016	J. Saranya	Jan 2023	Bharathiar Univ, GAC(A), CBE	Time Variant Satellite Image Based Multi Feature Approximation Model for Improved Sugarcane Plant Monitoring.

TRAINING

Research Experience & Training

Research Stage	Title of Work/Thesis	University where the work was carried out
UGC sponsored Orientation Course	Academic Staff College of University of Madras and Tamil Nadu State Council for Higher Education	Chennai, From 26.12.2007 to 24.01.2008
Refresher course	Academic Staff College, Bharathiar University	Coimbatore, From 03.12.2009 to 23.12.2009
FDP	FDP on Soft Skill, Sponsored by NASSCOM	Cognizant, Coimbatore, 25th to 28th Aug 2008
UGC Sponsored Refresher Course (Environmental Studies)	Academic Staff College, Bharathiar University	HRDC Bharathiar University, Coimbatore. 10.05.2017 To 30.05.2017
UGC Sponsored Refresher Course	Academic Staff College, Bharathiar University	HRDC Bharathiar University, Coimbatore. 13.02.2019 To 05.03.2019
Refresher Course/FDP (Inter-Disciplinary) on Research Methodology and Data Analysis	Teaching, Learning Centre, Ramanujan College, University of Delhi. Ministry of Education PMMM National Mission on Teachers and Teaching	Ramanujan College, University of Delhi. 17.05.2021 To 31.05.2021

1. SEMINARS - ATTENDED

S.No.	Name of the Seminar	Name of the sponsoring Agency	Place and Date
1	Staff Development Program on "Grid Computing"	AICTE	Muthayammal Engg., College, Rasipuram, 14th to 25th May 2012
2	State level - "Recent Trends in Information Technology"	UGC	N.K.R. Govt. Arts College (w), Namakkal, 24th Feb 2012
3	Hands on Training on NS-2 and GloMoSim		Kongu Engineering College, Perundurai, 30th & 31st Oct 2010
4	National level - "E-Learning"		N.K.R. Govt. Arts College (w), Namakkal, 29th Sep 2010
5	IEEE Distinguished Lecture Programme	IEEE & EDS	Muthayammal Engg., College, Rasipuram, 09th Apr 2010
6	Higher Education of students with hearing Impairment	Dr.M.G.R. HHSC & SRCTC, Chennai	V.M.Medical College, Salem, 26th Feb 2010
7.	Higher Education for all	Chennai	12.10.2015, TNGCTA, University of Madras, Chennai.

2. WORKSHOP - PARTICIPATED

S.No.	Name of the Workshop	Name of the sponsoring Agency	Place and Date
1	"Embedded and Software package"	UGC	N.K.R. Govt. Arts College for Women, Namakkal, 23rd to 25th Sep 2014
2	"Network Simulation"		Anna University Regional Centre, Coimbatore, 09th & 10th Oct 2013
3	"Web Development"		N.K.R. Govt. Arts College (w), Namakkal, 30th Sep 2013 & 1st Oct 2013
4	"Multimedia Tools"		Anna University Regional Centre, Coimbatore, 25th Sep 2013
5	"Software for Data Mining"		Anna University Regional Centre, Coimbatore, 17th & 18th Sep 2013
6	"Android Applications and		Anna University Regional Centre,

	Development"		Coimbatore, 27th Aug 2013
7	"Teaching – Learning and Evaluation"	UGC	N.K.R. Govt. Arts College (w), Namakkal, 9th Feb 2012
8	"Grid Computing"		Muthayammal Engineering College, Rasipuram 15th July 2011
9	"Grid Computing" –WGC 2011	DST, Hyderabad	MIT Campus, Anna University, Chennai, 7th to 11th Feb 2011
10	"Grid and Cloud Computing"	ACM	PSG College of Technology, Coimbatore, 28th to 30th Jan 2011
11	"Mobile Computing using Rough Set Theory"		Periyar University, Salem, 13th Nov 2010
12	International Workshop on "Cloud Computing"	AU, University of Melbourne, Australia	MIT Campus, Anna University, Chennai, 20th Oct 2010
13	"Research in CS – Issues and Challenges"		K.S.R. Rangasamy College of Technology, Tiruchengode, 17th Apr 2010
14	"Grid and Cloud Computing"	UGC	Annamalai Univ., Faculty of Engineering Technology, Annamalai Nagar, Chithembaram, 12th & 13th Feb 2010
15	" Grid Computing" - **A Session handled**		Muthayammal Engineering College, Rasipuram 7th & 8th Mar 2008
16	"Mobile Computing"		Periyar University, Salem, 30th Aug 2008
17	Python		21.02.2018 & 22.02.2018, GAC, CBE

3. INTERNATIONAL CONFERENCE - PAPER PRESENTED

S.No.	Title of the paper	Sponsor	Place & Date
1	"An Improved trust based authentication using entropy"	Ayyan Thiruvalluvar College of Arts & Science	Coimbatore, 19th & 20th Dec 2012
2	"A study on the security and data transfer in Grid network on GARUDA through NS2 Simulation framework"	Paavai Engineering College	Namakkal, 16th to 18th June 2011
3	"Performance Analysis of Indian Grid Network Topology – GARUDA"	Park College of Engg., and Technology	Coimbatore, 12th to 14th Aug 2010
4	Message authentication and source anonymity for wireless sensor network	Erode Arts and Science College (Autonomous), Erode.	14.02.2015

5	Comparison of Cloud services on Enhanced security issues using high impact Encryption methodologies	Vivekanandha College of Arts & Sciences for Women, Tiruchengode.	22.12.2014

4. NATIONAL CONFERENCE - PAPER PRESENTED

S.No.	Title of the paper	Sponsor	Place & Date
1	"Message Authentication and Source Anonymity for Wireless Sensor Network"	UGC - Erode Arts College	Chennimalai, 14th Feb 2015
2	"Comparison of Cloud Services on Enhanced Security Issues using high impact Encryption Methodologies"	UGC - Vivekandha Arts & Science for Women (Autonomous)	Tirchengode, 22nd Dec 2014
3	State level Technical Symposium "Grid Network"	Sengunthar Arts College,	Tiruchengode, 27th Feb 2014
4	"Evaluation of Quality Practice in Higher Education"	UGC-IQAC, Sri Saradha College for Women	Salem, 26th Mar 2011
5	"Dynamically Changing the symmetric Encryption Algorithm for Improving Security and Performance during Data Transfer in Grid Network"	Muthayammal Engineering College	Rasipuram, 26th Feb 2011
6	"A Comparative Study of Various Block Ciphers in Symmetric Key Encryption Algorithm"	Muthayammal Engineering College	Rasipuram, 23rd Apr 2010
7	"Security Issues and Services in Grid Computing : A Review"	Vivekanandha College of Arts & Science for Women	Truchengode, 02nd Mar 2010
8	"A Study on Grid Internetworking Infrastructure in ECGIN, ERNET and GARUDA Projects"	Sengunthar Arts & Science College	Tiruchengode, 01st Mar 2010
9	"Power System of Wide-Area Monitoring and Control for Grid Security"	Sengunthar Engineering College	Tiruchengode, 14th Aug 2008
10	Information Technology	Namakkal, TamilNadu.	27.02.2016
11	Satellite Hyper Spectral Images To Support Diseases Surveillance	Vivekanandha Institute of Information and Management Studies, Tiruchengode	30.08.2018 &31.08.2018,