

FACULTY PROFILE



- 1. Name : R.Thilagavathi
- 2. Designation : Assistant Professor
- 3. Qualification : M.Sc, M.Phil,
- 4. Department : Mathematics
- 5. Mobile Number : 98439 09009
- 6. E-mail ID : thilagamowrriya.mano@gmail.com
- 7. Languages Known : Tamil and English

8. Particulars of Educational Qualification:

Name of the Degree	Specialization	Name of the College	Name of the University	Month & Year of Passing	Class obtained
M.Phil	Mathematics	Kongu Nadu Arts and Science College, Coimbatore.	Bharathiar university Coimbatore	March 2003	I Class
M.Sc.	Mathematics	Govt. Arts College, Coimbatore.	Bharathiar university Coimbatore	April 2001	I Class
B.Sc.	Mathematics	Gobi Arts and Science College, Gobi	Bharathiar university, Coimbatore	May 1999	I Class

9. Additional Qualification : **SET** Qualified

Qualified the Tamil Nadu **STATE ELIGIBILITY TEST FOR LECTURESHIP (SET-2016)** conducted by Mother Teresa Women’s University, Kodaikanal, Tamil Nadu under General Category.

10. Area of Specialization : Differential Equations, Operations Research

11. Experience: (Academic: 17 years)

Name of the Institution	Designation	Period	
		From	To
Velalar College of Engineering and Technology(Autonomous)	Assistant Professor	01.01.2011	Till Date (Feb 28 th , 2022)
	Lecturer	05.06.2008	31.12.2010

Dr.N.G.P. Arts and Science College, Coimbatore	Lecturer	01. 06. 2006	13.11. 2006
Maharaja Arts and Science College, Coimbatore.	Lecturer	02. 07. 2003	31.05. 2006

12. NPTEL Courses:

Registered the following NPTEL Online Courses during July 2018. Attended the Examinations on 28th October 2018 and awarded the certificates with Elite from IIT, Ropar and IIT, Madras respectively.

(i) Discrete Mathematics (with Elite)

(ii) Transform Techniques for Engineers (with Elite)

13. Summer schools / Workshops / Seminars / Symposium / Conferences, etc., attended

S. No.	Period		Name of the Event	Topic / Title	Organized by	Participated and presented the paper
	From	To				
1.	18.09.2020	18.09.2020	Seminar	Bharathiyin Parvaiyil Bharatham	Desiya Chinthanai Kazhagam, Tamizhnaadu, Department of Science and Humanities and Rotaract Club, VCET	Participated
2.	16.05.2020	16.05.2020	Webinar	Methods and Tools for Qualitative Research writing	Department of Science and Humanities, Karpagam College of Engineering, Coimbatore.	Participated
3.	08.05.2020	08.05.2020	Webinar	Effective Conduct of Online Classes	Department of EEE, Sri Eswar College of Engineering,	Participated
4.	08.11.2019	08.11.2019	National Seminar	Probability Theory and Linear Algebra in Artificial Intelligence (UGC Sponsored)	Department of Mathematics, Coimbatore Institute of Technology, Coimbatore – 14.	Participated

S. No.	Period		Name of the Event	Topic / Title	Organized by	Participated and presented the paper
	From	To				
5.	18.09.2019	18.09.2019	National Seminar	Emerging Applications of Number Theory(CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
6.	10.07.2019	10.07.2019	National Seminar	Applications of Mathematics in Artificial Intelligence and Machine Learning (CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
7.	14.12.2018	14.12.2018	National Seminar	Fuzzy Clustering in Image Segmentation by Markovian Random Fields (CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
8.	26.11.2018	26.11.2018	National Workshop	Applications of Graph Labeling in Communication Networks (CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
9.	03.10.2018	03.10.2018	National Workshop	Statistical Analysis Using R	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
10.	21.03.2018	21.03.2018	National Level Seminar	Nanomaterials for Energy Applications (CSIR Sponsored)	Department of Physics, Velalar College of Engineering and Technology, Erode-12.	participated

S. No.	Period		Name of the Event	Topic / Title	Organized by	Participated and presented the paper
	From	To				
11.	08.03.2018	09.03.2018	Workshop	Science Academies' Lecture Workshop on Engineering Mathematics	Department of Mathematics, Kongu Engineering College, Perundurai, Erode-52.	participated
12.	22.02.2018	22.02.2018	National workshop	Applications of Graph Theory in Communication Networks(CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	participated
13.	22.06.2017	23.06.2017	Workshop	Science Academies' Lecture Workshop on Real Analysis	Department of Mathematics, Vellalar College For Women, Erode-12.	participated
14.	06.01.2016	06.01.2016	Workshop	Teaching and Learning through Google Drive and Blogs	Velalar College of Engineering and Technology, Erode-12.	participated
15.	06.11.2015	06.11.2015	Workshop	Intellectual Property Rights and Innovations	Velalar College of Engineering and Technology, Erode-12	participated
16.	30.04.2014	30.04.2014	Workshop	Spoken Tutorial project, IIT Bombay, funded by National Mission on Education through ICT, HRD, Govt of India	Velalar College of Engineering & Technology, Erode-12.	participated
17.	27.03.2014	27.03.2014	National Seminar	Applications of Statistical Quality Control(CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	participated

S. No.	Period		Name of the Event	Topic / Title	Organized by	Participated and presented the paper
	From	To				
18.	09.01.2014	09.01.2014	National Conference	Current Scenarios in the Applications of Mathematical Sciences.(CSIR Sponsored)	PG Department of Mathematics, Vellalar College For Women, Erode-12.	Participated
19.	31.12.2013	31.12.2013	Workshop	Workshop on Numerical techniques with computer applications for the problems of Engineering (CSIR Sponsored)	Department of Mathematics, Velalar College of Engineering and Technology, Erode-12.	Participated
20.	28.12.2013	28.12.2013	National Seminar	Avenues of Research	Research & Development cell, Velalar College of Engineering and Technology, Erode-12.	Participated
21.	17.03.2012	17.03.2012	National Conference	National Conference on Recent Trends in Modern Science and Linguistics	Velalar College of Engineering & Technology, Thindal, Erode-12.	Participated and presented the paper
22.	02.03.2012	03.03.2012	National workshop	National Workshop on Mathematics for Electrical and Mechanical Sciences (MEMS-2012)	PSG College of Technology, Coimbatore.	Participated
23.	18.03.2011	19.03.2011	National Seminar	National Seminar on Fuzzy Rough Set Theory and its Applications (FRSTA -2011)	Department of Mathematics, Kongu Engineering College, Erode-52.	Participated

14. Refresher / Orientation course / FDP, etc., attended

Sl. No	Period		Topic / Title	Organized by
	From	To		
1.	24.05.2021	29.05.2021	Anna University, sponsored online SIX Day FDTP on Algebra And Number Theory	Department of Mathematics, KGiSL Institute Of Technology,(Affiliated to Anna university, Chennai), Saravanampatti, Coimbatore-641035
2.	20.07.2020	25.07.2020	Six Day FDP on Applications of Mathematics in Engineering	Department of Mathematics, KPR Institute of Engineering and Technology, Coimbatore
3.	22.06.2020	23.06.2020	Recent Trends in Fourier Transform & Machine Learning: A Mathematical Approach	Department of Science and Humanities, KGiSL Institute Of Technology, Coimbatore
4.	18.06.2020	20.06.2020	Online FDP on Mathematical Modeling In Biomedical Engineering - 2020	Department of Science and Humanities, Dr.N.G.P. Institute of Technology,Coimbatore
5.	17.06.2020	23.06.2020	One week international FDP on Avant-Garde Trends in Mathematics	Department of Mathematics, Bannari Amman Institute of Technology, Sathyamangalam
6.	11.05.2020	13.05.2020	Improving Your Research Visibility – Research Impact and Metrics	Velalar College of Engineering and Technology, Erode - 12
7.	25.11.2019	30.11.2019	AICTE Sponsored Short Term Training Programme on Design and Development of Engineering Applications Using Free/Open Source	Department of ECE, Velalar College of Engineering and Technology Erode-12.
8.	10.08.2018	10.08.2018	HR Panel Training Programme on Excel Essentials	CII HR Panel, Velalar College of Engineering and Technology Erode-12.
9.	28.11.2017	11.12.2017	Contemporary Issues On Effective Teaching in Management Sciences(AICTE Sponsored)	Department of MBA, Velalar College of Engineering and Technology Erode-12.

Sl. No	Period		Topic / Title	Organized by
	From	To		
10.	02.06.2016	03.06.2016	Resource Management Techniques	Velalar College of Engineering and Technology, Erode-12.
11.	20.05.2016	26.05.2016	Graph Theory and its Applications	Sengunthar Engineering College, Tiruchengode.
12.	23.01.2016	23.01.2016	Engineering Mathematics and its Applications	Velalar College of Engineering and Technology, Erode-12.
13.	12.01.2016	13.01.2016	Effective Communication for New Generation Learners	Velalar College of Engineering and Technology, Erode-12.
14.	08.12.2014	14.12.2014	MA6451- Probability and Random Processes	Velalar College of Engineering and Technology, Erode-12.
15.	18.07.2014	18.07.2014	Techniques And Advances Of Effective Teaching	Department of MBA, Velalar College of Engineering and Technology Erode.
16.	18.06.2014	19.06.2014	Bridge Course on Mathematics	Centre for Faculty Development, Anna University, Chennai.

15. Funded Programs organized:

Sl. No	Date		Event	Topic / Title	Name of the Coordinator	Name of the funding agency and Grant sanctioned
	From	To				
1.	31.12.2013	31.12.2013	Workshop	Numerical Techniques With Computer Applications For The Problems Of Engineering.	R.Thilagavathi, V.Kalaivani	CSIR/ 20,000
2.	15.05.2019	15.05.2019	National Level Workshop	Graph – Theoretic and Algorithmic Aspects of Social Media Networks	R.Thilagavathi	CSIR/ 15,000

16. Resource person in FDP / Summer schools / Workshops / Seminars / Symposium / Conferences, etc.

S. No	Period	Event	Topic / Title	Beneficiary
1.	25.09.2018	Guest Lecture organized by Association of of Computer Science Engineering, M.P.Nachimuthu M.Jaganathan Engineering College,	Discrete Mathematics	Students

17. FDP / Summer schools / Workshops / Seminars / Symposium / Conferences, etc., organized: **(Mathematics Colloquium Activity)**

S. No.	Title of the Program	Duration	Beneficiary
1.	FDP on Calculus	31.07.2018	Faculty Members
2.	Math Quest	01.03.2019	Students
3.	Mind Mapping	First Week of March, 2019	Students
4.	Math Quest	04.10.2019	Students
5.	Math Quest for Second year B.E/B.Tech Students	26 & 27.08.2020	Students
6	National Mathematics Day Celebration to Commemorate the 133 rd Birth Anniversary of Srinivasa Ramanujan	22.12.2020	Faculty & Students
7	Poster Making Contest- Applications of Calculus in Engineering	Third week of February 2021	Students
8.	Math Quest for First year B.E/B.Tech Students	23 & 24.06.2021	Students
9.	National Mathematics Day Celebration to Commemorate the 134 th Birth Anniversary of Srinivasa Ramanujan	22.12.2021	Faculty & Students
10.	Math Quest for First year B.E/B.Tech Students	11& 12.02.2022	Students

18. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
1.	Indian Society for Technical Education	Life member (2009, LM 65245)

19. Awards/Recognitions :-

1. Honored with Book on Teacher's Day for **BEST TEACHER** by the Management of VCET during the Year 2019.
2. Awarded a Book on Teacher's Day for the receipt of **Seminar Grant** from **CSIR**, New Delhi by the Management of VCET during the Year 2019.
3. Received Certificate of appreciation and cash award for produced best results in the University Examinations during the academic year 2011 - 2012.

20. Roles and Responsibilities

- **Coordinator** for Mathematics Colloquium.
- **Class Advisor and Class Mentor** for First Year classes since inception
- **Coordinator** for I Year Induction Programme
- **Test Coordinator** For I Year B.E./ B.Tech., Programs