

FACULTY PROFILE

1. Name : T.Saranya
2. Designation : Assistant Professor
3. Qualification : M.Sc.,M.Phil.,
4. Department : Mathematics
5. DOB & Age as on 28.02.2022 : 05.07.1988 & 33 Years
6. Gender : Female
7. Address : 97, Kombai Nagar, Salem Road,
Tiruchengode - 637211
8. Phone –Mobile : 7373718444
9. E_mail ID : saranmaths5@gmail.com
10. Marital Status : Married
11. Languages Known : Tamil, English
12. Particulars of Educational Qualification :



Name of the Degree	Specialization	Name of the College	Name of the University	Month & Year of Passing	% of Marks / Grade obtained	Class obtained
M.Phil.,	Mathematics	Avinashilingam University, Cbe	Avinashilingam University, Cbe	July 2013	85%	I Class with Distinction
M.Sc.,	Mathematics	Avinashilingam University, Cbe	Avinashilingam University, Cbe	May 2011	80%	I Class with Distinction
Diploma	Web Designing and Hosting	Avinashilingam University, Cbe	Avinashilingam University, Cbe	April 2009	82%	I Class with Distinction
B.Sc.	Mathematics	Avinashilingam University, Cbe	Avinashilingam University, Cbe	May 2009	78%	I Class with Distinction

13. Additional Qualification :

i. GATE Score (In case of B.E. / B.Tech.) -

ii. NET / SLET (In case of M.C.A. / M.Sc. / M.A.) -

14. Title of Ph.D. Thesis : -

15. Faculty in which Ph.D. was awarded/doing : -

16. Area of Specialization : -

17. Academic Experience as on 28.02.2022 :

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
Velalar College of Engineering and Technology	Assistant Professor	07.06.2012	Till date	9	8	21
Total				9	8	21

Add rows for additional information

18. Industrial Experience: NIL

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Total							

19. Research Experience : NIL

20. Number of projects: NIL

i) Completed

Sl. No.	Title of the project	Funding Agency	Amount	Year (From-To)

ii) On-going

Sl. No.	Title of the project	Funding Agency	Amount	Date of Commencement	Expected date of completion

21. Number of Ph.D. candidates successfully completed : NIL

22. Number of Ph.D. candidates currently working : NIL

23. Number of M.Phil.Candidates successfully completed : NIL

24. Number of M.Phil.Candidates currently working : NIL

25. Publications: NIL

i) Books

Sl. No.	Author/s	Title	Publisher	Year of publication	Page No.

ii) Articles in Journals

Sl. No.	Title of Article	Journal	Volume No.	Page No.	Month & Year

iii) Monographs/Reports (if any) : NIL

iv) NPTEL Courses: NIL

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

S. No.	Period		Name of the Event	Topic / Title	Organized by	Only participated	Participated and presented the paper
	From	To					
1	16.03.2013	16.03.2013	Conference	Recent Trends in Modern Science and Linguistics	Velalar College of Engineering and Technology, Erode-12		Two Phase Retrial Queue With Balking, Reneging, Server Breakdown
2	28.12.2013	28.12.2013	Seminar	Avenus of Research	Velalar College of Engineering and Technology, Erode-12	Participated	-

3	31.12.2013	31.12.2013	Workshop	CSIR sponsored Workshop on Numerical Techniques with Computer Applications for the Problems of Engineering	Velalar College of Engineering and Technology, Erode-12	Participated	-
4	28.06.2014	28.06.2014	Workshop	TEQIP-II Sponsered One Day Hands-on Training in Effective Research Documentati on using Latex	PSG College of Technology, Coimbatore	Participated	-
5	4.12.2016	5.12.2016	Workshop	Applications of Computational Intelligence Techniques Using MATLAB	Velalar College of Engineering and Technology, Erode-12	Participated	-
6	06.01.2016	06.01.2016	Workshop	Teaching and Learning through Google Drive and Blogs	Velalar College of Engineering and Technology, Erode-12	Participated	-
7	04.04.2016	04.04.2016	Seminar	Recent Advances of Topology in Bio Medical Image Processing	Kongu Engineering College, Perundurai	Participated	-
8	21.10.2016	21.10.2016	Seminar	Application of Neural Networks in Diagnosing Cancer Disease	Kongu Engineering College, Perundurai	Participated	-

				Using Biomedical Image Processing			
9	22.02.2018	22.02.2018	Workshop	Applications of Graph Theory in Communication Networks	Velalar College of Engineering and Technology, Erode-12	Participated	-
10	08.03.2018	09.03.2018	Workshop	Science Academies Lecture Workshop on Engineering Mathematics	Kongu Engineering College, Perundurai	Participated	-
11	21.03.2018	21.03.2018	Seminar	Nanomaterials for Energy Applications	Velalar College of Engineering and Technology, Erode-12	Participated	-
12	22.06.2018	22.06.2018	Seminar	Biomaterials Based 3D Cell Printing for Next Generation Therapeutics and Diagnostics	Department of Mechanical Engineering, VCET	Participated	-
13	26.11.2018	26.11.2018	Workshop	Applications of Graph Labeling in Communication Networks	Department of Mathematics, VCET	Participated	-
14	14.12.2018	14.12.2018	Seminar	Fuzzy Clustering in Image Segmentation by Markovian Random Fields	Department of Mathematics, VCET	Participated	-
15	22.03.2019	22.03.2019	Seminar	Applications of Mathematics in Cryptography and	Department of Mathematics, VCET	Participated	-

				Information Security			
16	14.03.2019	14.03.2019	Seminar	Contribution on Mathematical Models in Biomedical Imaging	Velalar College of Engineering and Technology, Erode-12	Participated	-
17	15.05.2019	15.05.2019	Workshop	Graph-Theoretic and Algorithmic Aspects of Social Media Networks	Department of Mathematics, VCET	Participated	-
18	09.08.2019	09.08.2019	Seminar	Dynamical Systems and Differential Equations	Department of Mathematics, VCET	Participated	-
19	18.09.2019	18.09.2019	Seminar	Emerging Applications of Number Theory	Department of Mathematics, VCET	Participated	-
20	02.05.2020	02.05.2020	Webinar	Web-based Training on Virtual Classroom	KPR Institute of Engineering and Technology, Coimbatore	Participated	-
21	08.05.2020	08.05.2020	Webinar	Effective Conduct of Online Classes	Sri Eshwar Engineering College	Participated	-
22	12.05.2020	12.05.2020	Webinar	Energy Auditing and Career Opportunities	Sri Eshwar Engineering College	Participated	-
23	18.05.2020	18.05.2020	Online Quiz	Aptitude and logical reasoning	Vivekanandha college, Tiruchengode	Participated	-
24	22.05.2020	22.05.2020	Webinar	Guidelines for Writing a Research Paper	Arasu Engineering College, Kumbakonam	Participated	-
25	25.05.2020	25.05.2020	Online Quiz	Mathematics E-Quiz	Sengunthar Arts and Science College, Tiruchengode	Participated	-
26	28.05.2020	28.05.2020	Webinar	Cyber	CH.S.D.ST.Ther	Participated	-

				Security Awareness	esa's College for Women, Eluru		
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27. Refresher / Orientation course / FDP, etc., attended

Sl. No	Period		Topic / Title	Organized by	Expenses met by VCET / Own / Organizer
	From	To			
1	13.09.2012	15.09.2012	Research Ethics and Post Research Methods	Avinashilingam Institute for Home Science and Higher Education for Women	Avinashilingam Institute for Home Science and Higher Education for Women
2	20.11.2014	23.11.2014	Indian Women and Mathematics Teachers Training Programme	Vellalar College for Women, Erode-12	
3	08.12.2014	14.12.2014	MA6451- Probability and Random Processes	Velalar College of Engineering and Tecnology, Erode-12	
4	24.06.2015	25.06.2015	Effective Communication for New Generation Learners	Department of English, Velalar College of Engineering and Technology	
5	23.01.2016	23.01.2016	Engineering Mathematics and its Applications	Velalar College of Engineering and Tecnology, Erode-12	
6	25.05.2016	26.05.2016	Graph Theory and its Applications	Velalar College of Engineering and Technology, Erode-12	
7	02.06.2016	03.06.2016	Resource Management Techniques	Velalar College of Engineering and Technology, Erode-12	
8	29.11.2016	29.11.2016	Research Grants- Insights and Issues	Department of English, Velalar College of Engineering and Technology, Erode-12	
9	28.11.2017	11.12.2017	Contemporary Issues on Effective Teaching in Management Studies	Department of MBA, Velalar College of Engineering and Technology, Erode-12	
10	11.05.2020	13.05.2020	Improving your research visibility – Research Impact and	Velalar College of Engineering and Technology, Erode-12	

			metrics		
11	11.05.2020	16.05.2020	Innovation to Academicians	Ramachandra College of Engineering, Eluru	
12	29.05.2020	29.05.2020	The Importance of Emotional Intelligence for Teachers	Sengunthar Arts and Science College, Tiruchengode	
13	30.08.2021	05.09.2020	Software tools for Institute of Technology	Bannari Amman Institute of Technology	
14	25.10.2021	29.10.2021	Inculcating Universal Human Values in Technical Education	AICTE	

28. Seminars / Conferences / Symposia / STTP / SDP / Workshops organized

Sl. No	Date	Event	Status as organizer	Topic / Title	Name of the funding agency	Grant (Rs.)	Status (Applied/Granted/In Progress / Completed) If completed the date of submission of UC with reference
	10.07.2022	Seminar	Convener	Applications of Mathematics in Artificial Intelligence and Machine Learning	CSIR	Rs.20,000	Completed

29. Referee ship / Editorship of Journals, Conferences/Seminars chaired etc.:

Sl. No.	Name of the Journals and Conferences/ seminar	Organized by	Date / Period

30. Chairman/Member of Authority/Committee etc:

Sl. No.	Chairman/Member/Secretary	Committee/Authority	Year (From-To)

31. Membership to professional Organization/Associations:

Sl. No.	Name of the Association/Organizations	Life member/Ordinary member
1		

32. Travelled Abroad for training or Studies (if 'yes' fill the following details)

Country visited	Period of Visit		Purpose of Visit
	From	To	

33. Consultancy Information's, if any

34. Details of the Patents, if any

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Sl. No.	Dairy Number	Title	status

35. Contribution for the Development of the Institution/ Department

A	To The Institution	-
b	To the Department	<ul style="list-style-type: none"> • S&H Department Stores Officer for the Academic year 2014-2015 • Acted as Class Advisor for the period 2012 to 2013 and 2015- 2021. • Class Mentor for I BE,Mech (2013 Batch) from August 2013 to December 2013. • Mathematics Department Newsletter Incharge from the Academic year 2017 to till date.

36. Academic Performance

a. Results obtained:

Sl .	Academic Year	Course	Sem	Class	Course	No. of Student	Pass %
1.	2012-2013	Theory	Odd	12IT1B	Mathematics I	40	75
				12MBA01	Statistics for Management	56	58
			Even	12IT2B	Mathematics II	40	80
				12MBA02	Applied Operations Research for Management	56	92
2.	2013-2014	Theory	Odd	13EE1B	Mathematics I	55	91
				13MCS01	Applied Probability and Statistics	17	71
3.	2014-2015	Theory	Odd	14MCS01	Applied Probability and Statistics	20	65
				14MBA01	Statistics for Management	58	56
			Even	14MCS02	Theoretical Foundations of Computer Science	20	85
				14MBA02	Applied Operations Research	58	72
4.	2015-2016	Theory	Odd	15EC1A	Mathematics I	56	96
				14EE3A	Transforms & Partial Differential Equations	52	60
			Even	15EC2A	Mathematics II	56	82
				14MCA4A	Resource Management Techniques	25	76
5.	2016-2017	Theory	Odd	16IT1B	Mathematics I	52	87
				15CS3A	Transforms & Partial Differential Equations	51	86
			Even	16IT2B	Mathematics II	52	79
				15ME4C	Statistics & Numerical Methods	36	58
6.	2017-2018	Theory	Odd	17BM1A	Mathematics I	62	98
				16CEG03	Transforms & Partial Differential Equations	54	76

			Even	17BM2A	Mathematics II	61	92
				16EE4B	Numerical Methods	52	88
7.	2018-2019	Theory	Odd	18EE1A	Engineering Mathematics I	40	78
				17EC3B	Transforms and Partial Differential Equations	63	88
			Even	18EE2B	Engineering Mathematics II	39	92
				17EE4B	Numerical Methods	61	93
8.	2019-2020	Theory	Odd	19EC1B	Engineering Mathematics I	51	88
				18BM3A	Transforms and Partial differential Equations	53	96
			Even	19EC2B	Engineering Mathematics II	51	100
				18BM4B	Probability and Random Processes	55	100
9.	2020-2021	Theory	Odd	20MD01	Engineering Mathematics I	54	87
				19EE3A	Transforms and Partial Differential Equations	44	72
			Even	20MD02	Engineering Mathematics II	54	100
				19CS4B	Probability and Statistics	64	100

b. Student's Projects guided:

Sl. No	Academic Year	UG/PG	No. of Students	Title of the Project	Awards if any

37. Awards/Recognitions :

38. Self Assessment of Performance

S.No	Strengths	Weakness
1	Sincerity, Hard work, Dedication	

