

### FACULTY PROFILE

1. Name : Dr .P.Kirthika
2. Designation : Associate Professor
3. Qualification : M.Sc.,M.Phil., Ph.D.
4. Department : Physics
5. DOB & Age : 1.3.82 & 39
6. Gender : Female
7. Address :10, West Street,Kothukaran pudhur,R.N.Pudur(Po),Erode-5
8. Phone –Mobile 9003638369
9. E\_mail ID : kirthusudha@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
Ph.D	Thinfilm Physics	Velalar College of Engineering and Technology	Anna University	August &2023	-	-
M.Phil	Physics	Erode Arts and Science College	Bharathiar	2012	56	Second class with Highly Commended
M.Sc	Physics	Vellalar College for Women	Bharathiar	May 2007	76	First
B.Sc	Physics	Vellalar College for Women	Bharathiar	May 2005	77	First Class with Distinction
HSC	Maths with Computer Science	Kalaimagal kalvi Nilayam	State Board	March 2002	82.25	First
SSLC		Kalaimagal kalvi Nilayam	Matriculation	March 1999	79	First

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 : Synthesis and Characterization of Electrodeposited Nickel Manganese Tungsten Phosphorous Thin films for Magnetic Storage Devices

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

16. Area of Specialization : Thinfilms & Nanomaterials

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 & Technology	Assistant Professor	05.08.2015		6	6	25
EBET Group of Institutions	Assistant Professor	01.06.2009	04.08.2015	6	2	4
K.S.R.Polytechnic College	Lecturer	01.06.2007	24.05.2009	1	11	24
Total				14	8	19

Add rows for additional information

18. Industrial Experience:

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

19. Research Experience : \_\_\_\_\_ years

20. Number of projects:

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 : \_\_\_\_\_

22. Number of Ph.D. candidates currently working : \_\_\_\_\_

23. Number of M.Phil. Candidates successfully completed : \_\_\_\_\_

24. Number of M.Phil. Candidates currently working : \_\_\_\_\_

25. Publications:

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
1.	Effect of Deposition time and Bath temperature on Electrodeposited Nickel manganese Magnetic Thinfilms	Materials Today Proceedings	42(2021)	1361-1365	Feb 2021
2.	Modulating the hardness and magnetic property of NiMnWP by an organosulphur additive for magnetic storage application	Digest Journal of Nanomaterials and Biostructures	16, No. 3, July – September 2021	855 – 862	July 2021
3.	Influence of bath temperature and deposition time on hardness and magnetization of Electrodeposited Nickel Manganese Tungsten thinfilms	Journal of Ovonic Research	Vol no19, No 2,	231-238	April 2023

iii) Monographs/Reports (if any) \_\_\_\_\_

iv) NPTEL Courses



							UC with reference

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	Admission related works
b	To the Department	NBA Module Coordinator, Yoga In charge, Class Mentor, Department meeting Minutes In charge

36. Academic Performance

a. Results obtained:

Sl. No	Academic Year	Course	Sem	Class	Course	No. of Students	Pass %
1	2018-19	B.Tech	01	BIT01A	18PHT11&ENGINEERING PHYSICS	48	93.75
		BE	01	MDE	18PHT11&ENGINEERING PHYSICS	30	100
2	2019-20	BE	01	BME01A	18PHT11&ENGINEERING PHYSICS	43	100
		BE	01	MEC01A	18PHT11&ENGINEERING PHYSICS	34	93.94
		BE	02	BME02A	18BMT23&MEDICAL PHYSICS	43	100
		BE	02	MEC02A	18PHT21&MATERIALS SCIENCE	34	100
3	2020-21	BE	01	ECE01A	18PHT11&ENGINEERING PHYSICS	57	100
		BE	01	ECE01C	18PHT11&ENGINEERING PHYSICS	58	98.28
		BE	02	ECE02A	18PHT23&PHYSICS FOR ELECTRICAL SCIENCES	57	100
		BE	02	ECE02C	18PHT23&PHYSICS FOR ELECTRICAL SCIENCES	58	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.	Can plan and Arrange any type of students and Faculty related programmes.	Time Management
2.	Can apply research proposals & Research related works	
3.	Can do Students counseling Effectively	