FACULTY PROFILE

1. Name : Dr .P.Kirthika

2. Designation : Assistant 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
PhD	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	Relieving Date	Experience		
Name of the Conege	Designation	Date	Keneving Date	Years	Months	Days
Velalar College of	Assistant	05.08.2015		6	6	25
Engineering	Professor					
&Technology						
EBET Group of	Assistant	01.06.2009	04.08.2015	6	2	4
Institutions	Professor					
K.S.R.Polytechnic	Lecturer	01.06.2007	24.05.2009	1	11	24
College						
	14	8	19			

Add rows for additional information

18. Industrial Experience:

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving	Experience		Relieving Experienc Date	ce
Organisation		OI WOIK	Date	Date	Years	Months	Days	
Total								

19.	Research Experience	:	vears

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	Funding	Amount	Date of	Expected date of
	project	Agency		Commencement	completion

21. Number	of Ph.D. candid	lates successfull	y completed	÷			
22. Number	of Ph.D. candid	lates currently w	orking	:			
23. Number	of M.Phil. Can	didates successf	fully completed	:			
24. Number of M.Phil. Candidates currently working :							
25. <u>Publications</u> :							
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 Septem ber 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	Apri 1 2023

iii) Monographs/Reports (if any)

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

S.	Period		Name of the Event	Topic / Title	Organized by	Only	Participat
No	From	То		_	J J	partici pated	ed and presented the paper
1	4th Sep 2019		National Conference	Recent Trends in Smart Materials and Technologies in Bio Resources and Environment Safety	Department of Physics, VCET	Partici pated	
2	15th Dec 2019	17th Dec 2019	International Conference	Advanced Materials	Department of Sciences, Amrita School of Engineering, Coimbatore		Presented
3	25th May 2020		National Webinar	Characterization of materials at Nano order scale length-A SAXS approach	SNS College of Technology,Coi mbatore	Partici pated	
4	3rd Sep 2020		National Webinar	Role of Liquid Crystals in day to day life style	Velalar College of Engineering and Technology	Partici pated	
5	20th November 2020	21st Novemb er 2020	Conference	Recent advances in Materials and Manufacturing	Velalar College of Engineering and Technology		Presented

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

Sl.	Period		Topic /	Organized	Expenses met by VCET /
No	From	То	Title	by	Own /
					Organizer

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
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Sl. No		e Journals and	Organ	ized by	D	Date / Period	
	Conferen	nces/ seminar					
30. Chai	rman/Member of A	Authority/Commit	tee etc:				
Sl. No.	Chairman/Men	nber/Secretary	Comm	Committee/Authority		Year (From-	
31 Men	nbership to professi	ional Organizatio	n/Association	s·			
Sl.	Name of the A	Association/Organ	izations	zations Life member/Or		Ordinary member	
No. 1							
32. Trav	elled Abroad for tr	aining or Studies	(if 'yes' fill t	he following	details))	
	elled Abroad for tr			he following			
	elled Abroad for tr untry visited		of Visit To	he following		ose of Visit	
		Period	of Visit	he following			
		Period	of Visit	he following			
Со		Period From	of Visit	he following			
Со	untry visited	Period From	of Visit	he following			
Co 33. Cons	untry visited sultancy Information	Period From on's, if any	of Visit	he following			
33. Cons 34. Deta	sultancy Information	Period From on's, if any	of Visit	he following			
Co 33. Cons	sultancy Information	Period From on's, if any	of Visit				

35. Contribution for the Development of the Institution/ Department

a	To The Institution	Admission related works
b	LLO the Denartment	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		B.Tech	01	BIT01A	18PHT11&ENGINEERING PHYSICS	48	93.75
	2018-19	BE	01	MDE	18PHT11&ENGINEERING PHYSICS	30	100
	2 2019-20	BE	01	BME01A	18PHT11&ENGINEERING PHYSICS	43	100
2		BE	01	MEC01A	18PHT11&ENGINEERING PHYSICS	34	93.94
2		BE	02	BME02A	18BMT23&MEDICAL PHYSICS	43	100
		BE	02	MEC02A	18PHT21&MATERIALS SCIENCE	34	100
		BE	01	ECE01A	18PHT11&ENGINEERING PHYSICS	57	100
3	2020-21	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	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	