

FACULTY PROFILE



1. Name (Block letters) : Dr. VEENA E.
2. Date of Birth : 25-05-1986
3. Mother tongue : Kannada
4. Blood group : O⁺Ve
5. Present designation : Assistant Professor
6. Category : 3B
7. Residential Address : #62\A, Ganawari
House, Timber market
Munishwara Nagar, Unkal
cross, Hubballi 580031
8. Permanent Address : C/o Lakshmiddevamma W/o Lt. Shivanna
TMR compound, Railway station road, Tiptur 572201
9. Phone Numbers
Residence Phone No
Mobile No: : 9036549243
Email : veenaphy.e@gmail.com
10. Academic Qualifications: (from UG course)

Sl. No.	Qualification	University	Year of Passing	Class	Awards
1	PhD,	National Institute of Karnataka	2017	Course work CGPA: 7.67	Doctorate
2	MSc.,	Tumkur University	2010	First Class	-
3	BEd.,	Tumkur University	2012	First Class	-

11. Service particulars :

Sl. No.	Position	Year		Name of the Institution
		From	To	
1	Lecturer	August 2010	July 2013	Jindal PU and degree College for women
2	Teaching assistant	July 2013	July 2017	National institute of technology Karnataka
3	Guest Faculty	August 2017	May 2019	Vijaynagar Government first grade and Basweshwara degree college for science.
4	Assistant Professor	July 2019	Till date	KLE'S P.C. Jabin Science College, Hubballi 580031

12. Research

- a) Title of the Research : Growth and Characterization of spray deposited PbZnS Thin films.
- b) Projects applied/ : Seed money project:01(on going)
- c) Title of Minor/major projects : --
Grant (in lakhs) : --
- d) Projects completed/Submitted : NIL
- e) Publications : 13.

Sl No	Journal
1	Influence of lead precursor concentration on the properties spray deposited lead sulphide thin films. <i>International journal of pure and applied physics</i> , 12, 2, 97-112.
2	Effect of annealing on the properties of spray pyrolysed lead sulphide thin films for solar cell application. <i>Applied physics A</i> , 123:366.
3	Effective role of thickness on structural, electrical and optical properties of lead sulphide thin films for photovoltaic applications. <i>Materials science and engineering B</i> , 223, 64-69.
4	Study on structural, optical and electrical properties of spray pyrolysed Pb_xZn_{1-x} thin films for opto-electronic applications. <i>Optics</i> 144, 528-538.
5	Effect of substrate temperature on the structural and electrical properties of spray deposited lead sulphide thin films. <i>Materials today proceedings.</i> , 3, 2225-2231.

6	Influence of zinc precursor concentration on the properties spray deposited lead sulphide thin films. AIP conference proceedings 1859, 020115-1-7.
7	Structural and luminescence properties of highly efficient Ag/CeO ₂ nanomaterial synthesized via hydrothermal route. https://doi.org/10.1063/5.0017679 , 2020, AIP Conference Proceedings 2265, 030087 (2020). 64 th DAE solid state physics symposium.
8	Optimization of the deposition parameters of spray pyrolysed PbS thin films in preparation of lead zinc sulphide thin films for solar cell applications. https://doi.org/10.1063/5.0018357 . 05 November 2020, AIP Conference Proceedings 2265, 030255 (2020). 64 th DAE solid state physics symposium.
9	Dielectric and magnetic properties of zinc copper ferrite nanoparticles. Journal of Ovonic Research Vol 17, N0 6, Dec2021,589-594.
10	Synthesis and Characterization of Silver Nanoparticles using Green Route. Int. J. Adv. Sci. Eng. Vol.8 No.3 2252-2259 (2022) 2252.
11	Structure, morphology, and ferroelectric behavior of Ba _{1-y} Zn _y TiO ₃ (y = 0.2, 0.4, 0.6 & 0.8) nanoceramics, Digest Journal of Nanomaterials and Biostructures, Vol. 17, No. 1, January - March 2022, p. 317 – 322.
12	High saturation magnetization in Ni _{0.2} Mn _{0.8} Fe ₂ O ₄ nanoparticles, Journal of Ovonic Research , Vol. 18, No. 4, July - August 2022, p. 591 – 600.
13	Growth and characterization of stoichiometric Pb _x Zn _{1-x} S (x = 0.5) thin films by spray pyrolysis for solar cell window applications. Materials today proceedings. , 5 2214-7853.

f) Guideship : NIL

g) Number of M. Phil/Ph.D registered and produced. NIL

13. Participation in Symposia, Seminars, Conferences and Workshops.

International	National	State	Total
6	5	2	13

1	Effect of substrate temperature on the structural and electrical properties of spray deposited lead sulphide thin films. International conference on Recent Advances in Nano Science and Technology-2015, held at Sathyabama University, Chennai during 8 th – 10 th July 2015 secured best paper award.
2	Growth & characterization of Pb _x Zn _{1-x} S thin films by spray pyrolysis. International Conference 4 th nano today conference – 2015, held in Dubai, during 6 th – 10 th December 2015.
3	Workshop on “Recent advances in optoelectronic materials and devices,” 30 th -31 st , July 2014, N. M. A. M. Institute of technology, NITTE.
4	Effective role of annealing temperature on the structural properties of spray deposited lead sulphide thin films." National conference on Condensed Matter Physics and Applications, held at Manipal Institute of Technology, during March, 27 th -28 th 2015.

5	Work shop on “Novel functional materials for energy conversion,” 4 th -7 th , October 2016, National institute of technology Karnataka.
6	Influence of zinc precursor concentration on the properties spray deposited lead sulphide thin films. International conference on functional materials, characterization, solid state physics, power, thermal and combustion energy, held in Elur, Andhra Pradesh, during 7 th -8 th April 2017 secured best presentation award
7	Effective role of spray rate on Structural and optical properties of zinc sulphide thin films, held at KLE Society’s S Nijalingappa College, during October 5 th 2018.
8	Optimization of the deposition parameters of spray pyrolysed PbS thin films in preparation of lead zinc sulphide thin films for solar cell applications. 64 th DAE solid state physics symposium. held at Jodhpur, on Dec 2019.
9	Space week 2021- held from Nehru science center, in association with space geek, Mumbai from oct 10 th 2021 to 16 th oct 2021.

10	International Webinar	Participation	Career Opportunities in Sports, Fitness & Allied Sectors	13-07-2021.	P.C.Jabin Science College Hubballi
11	Webinar	Participation	National education policy 2020-institutional best practice	17-07-2021	R T E society’s arts science and commerce degree college ranebennur
12	International Level Virtual Technical Symposium	Participation	INTERNATIONAL LEVEL VIRTUAL TECHNICAL SYMPOSIUM ON “VIRTIT - 2K21”	08/24/2021	BELL INSTITUTE OF HOTEL MANAGEMENT & CATERING TECHNOLOGY
13	National eSymposium	Participation	Recent Trends in Physics	24th & 25th September, 2021	The Oxford College of Science, Bengaluru

14. Presentation of papers in Seminars, Symposia & Conferences.

International	National	Total
6	2	8

15. Details of presentations:

1	Effect of substrate temperature on the structural and electrical properties of spray deposited lead sulphide thin films. International conference on Recent Advances in Nano Science and Technology-2015, held at Sathyabama University, Chennai during 8 th – 10 th July 2015 secured best paper award.
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2	Growth & characterization of $Pb_xZn_{1-x}S$ thin films by spray pyrolysis. International Conference 4 th nano today conference – 2015, held in Dubai, during 6 th – 10 th December 2015.
3	Influence of zinc precursor concentration on the properties spray deposited lead sulphide thin films. International conference on functional materials, characterization, solid state physics, power, thermal and combustion energy, held in Elur, Andhra Pradesh, during 7 th -8 th April 2017 secured best presentation award
4	Effective role of annealing temperature on the structural properties of spray deposited lead sulphide thin films." National conference on Condensed Matter Physics and Applications, held at Manipal Institute of Technology, during March, 27 th -28 th 2015.
5	Effective role of spray rate on Structural and optical properties of zinc sulphide thin films, held at KLE Society's S Nijalingappa College, during October 5 th 2018.
6	Structural and luminescence properties of highly efficient Ag/CeO ₂ nanomaterial synthesized via hydrothermal route. https://doi.org/10.1063/5.0017679 , 2020, AIP Conference Proceedings 2265, 030087 (2020). 64 th DAE solid state physics symposium.
7	Optimization of the deposition parameters of spray pyrolysed PbS thin films in preparation of lead zinc sulphide thin films for solar cell applications. https://doi.org/10.1063/5.0018357 . 05 November 2020, AIP Conference Proceedings 2265, 030255 (2020). 64 th DAE solid state physics symposium.
8	Review on E- Commerce, Two day international conference on Sustainable growth through nano science and artificial intelligence for safeguard of environment.. SGNACE 2021, KLE Society,s Nijalingappa College, Bangalore, 29 th and 30 th October 2021. (Online)

16. Participation in Orientation and Refresher courses:

Sl. No.	Programme/course	Duration	Name of the University
1	3030 Ekalvya Prohramme	24 th sep2021 to 24 th October 2021	Centre for creative learning,IIT Gandhinagar, collaboration with CBSE (online)
2	Faculty in universties/colleges/institutions of higher education.	17 th sep 2021 to 16 th October 2021	Teaching learning center, ramanujan college university of delhi.

17. Institute level FDP attended

1	One Day FDP	Participation	Give Your Stress Wings and Let IT fly	14-10-2019	P.C.Jabin Science College Hubballi
2	One Day FDP	Participation	Faculty Mindset for effective classroom Delivery to Enhance Quality	16-10-2019	P.C.Jabin Science College Hubballi
3	One Day FDP	Participation	e-Administration	18-10-2019	P.C.Jabin Science College Hubballi

18. Contribution as Resource Person/judge/Key note speaker/rapporteur/etc:

Sl No	Title of the lecture or speech	Place & date
-	-	-

19. Teaching Innovations : Welcome new ideas, Work together as a team, Referring to books on creativity, love what I Do, Introducing lessons like story, Audio and Video Tools.

20. Extracurricular activities : Singing

21. Important responsibilities held : Chief Mentor of college mentor mentee System, Member of college forum, member of College NAAC criteria 5 and chairman of physics association of department.

22. Training Programmes attended :

Sl no	Event	Subject	Place	Date
1	Online course	Student solar Ambassador	IIT Bombay	01-05-2019 to 31-12-2019

23. Computer literacy : Basics And Tally

24. Award Received : May 2018

25. Proficiency in languages : Kannada, English, Telugu, Hindi, Tamil and Tulu.

26. Memberships-Academic/Professional/social : NIL

27. Duties/responsibilities assigned at the college:

- Member of Board of studies(BOS)
- Member of Forum
- Member NAAC Criteria II & member of AAA-2019-20
- Member NAAC Criteria VI & member of AAA-2020-21
- Mark list & Attendance in-charge B.Sc.-I & II Sem
- Laboratory Incharge of B.Sc.-I & II Sem
- Incharge question paper setting
- Member of Women Empowerment cell
- Mentor-Mentee system
- Stock verification committee
- Convener of ‘‘constructivism’’ one day online national workshop.
- Convener of ‘‘learn to meditate’’ one day awareness programme.

- Co-ordinator for certification course – nano science and technology-2021-22
- Selected as “Ranger Leader” for guides in college from 2021-22
- Convener of “ Challenges in Space Science for Youth” one day online national seminar 2021-22.
- Organising secretary of “ Functional nano and soft materials: fundamentals and applications” one day hybrid mode national level seminar 2021-22

28. Sports and Hobbies

: Indoor and Outdoor Games

DECLARATION

Above given information is correct and true to the best of my knowledge.

Signature of Faculty

Signature of HOD

Signature of Principal