UVR & SR POLYTECHNIC POLYTECHNIC FOR WOMEN, ETHAMUKKALA

Department of Physics

STAFF PROFILE

Name of the Faculty: R V KRISHNAIAH

Designation: Lecturer in Physics

Scale of Pay:Rs. 57700-182400

Date of birth:12.02.1986 **SEX : Male**

Employee Id:080766

CFMS ID: 14215418

Cell No : 8919693460

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Education details:

Qualification	**Year of passing**	**Name of the Board/University**	**Class**
SSC	2001	SSC, State	1st Class with Distinction
INTERMEDIATE (12th Class)	2003	Board of Intermediate Education, State	1st Class with Distinction
B.Sc., (M. P. C)	2006	Sri Venkateswara University	Distinction
M.Sc., (Physics)	2008	Sri Venkateswara University Campus	Outstanding (O-Grade)

Date of joining in the Department : 04.03.2013

Date of joining in the Present Institute: 13.01.2022

Details of Experience:

1) **Teaching : 13 years**
2) **Industrial : Junior Research Fellow – DMRL - DRDO – Hyderabad 1 ½ year**

Details of Career Advance Scheme :

S.No	CAS Particulars	Date of award
1	**Lecturer (Senior Scale)**	**04.03.2019**

Details of Training Program Particulars Undergone:

S.NO.	Name of the training programme attended	Institute and Place of training attended	Duration of the training	Training programme attended	
				From	To
1	Instructional Design and Delivery System	NITTTR – Chennai	1 week	21.07.2014	25.07.2014
2	Student Psychology	NITTTR - Chennai	1 week	05.06.2017	09.06.2017
3	Principles and Applications of Nanoscience	NITTTR - Chennai	1 week	28.08.2017	01.09.2017
4	Induction Training Program	NITTTR - Chennai	2 weeks	04.06.2018	15.06.2017
5	Refresher Course on Engineering Physics	NITTTR - Chennai	2 weeks	30.09.2019	11.10.2019
6	IT Essentials Instructor Training	CISCO Network Academy - Vijayawada	1 week	24.07.2017	28.07.2017
7	Emerging Pedagogical and Heutagogical Practice	NITTTR - Chennai	2 weeks	30.05.2022	10.06.2022
8	Industrial three-week programme for faculty (ITF)	IISER – Tirupati	3 weeks	25.09.2023	13.102023
9	Advanced Pedagogy	NITTTR – Chennai	1 week	09.09.2024	13.09.2024
10	Industrial Training Programme for Physics Teachers	NITTTR - Chennai	3 weeks	02.06.2025	20.06.2025

PUBLICATION DETAILS

S. NO.	TITLE OF THE ARTICLE/ JOURNAL	YEAR OF PUBLISHING
1	Observation of direct and indirect magnetoelectricity in lead-free ferroelectric ($Na_{0.5}Bi_{0.5}TiO_3$)–magnetostrictive ($CoFe_2O_4$) particulate composite https://doi.org/10.1063/1.4745840 **Applied Physics Letters: Impact Factor: 4.0**	2012
2	Effect of $CoFe_2O_4$ mole percentage on multiferroic and magnetoelectric properties of $Na_{0.5}Bi_{0.5}TiO_3/CoFe_2O_4$ particulate composites https://doi.org/10.1016/j.ceramint.2013.12.123 **Ceramics International: Impact Factor: 5.6**	2014
3	Ferroelectric, piezoelectric, and mechanical properties in lead-free (0.5) Ba ($Zr_{0.2}Ti_{0.8}$) O_3–(0.5)($Ba_{0.7}Ca_{0.3}$) TiO_3 electroceramics https://doi.org/10.1016/j.ceramint.2014.08.127 **Ceramics International: Impact Factor: 5.6**	2015
4	The effect of lattice strain on magnetic properties of $BaFe_{12}O_{19}$ and $NiFe_2O_4$ thick films prepared via tape casting method https://doi.org/10.1016/j.physb.2025.417227 **Physica B: Condensed Matter: Impact Factor: 2.800**	2025

PUBLICATION DETAILS OF BOOKS:

SNO	TITLE OF THE BOOK	PUBLISHING AUTHORITY
1	A Textbook of Engineering Physics	Radiance Publishers
2	A Textbook of Basic Physics	Radiance Publishers
3	A Textbook of Applied Physics	Radiance Publishers

AWARDS RECEIVED INCLUDING STATE AWARDS:

S.NO	TITLE OF AWARD	AWARD ISSUED AUTHORITY & YEAR OF AWARD
1	State Best Teacher Award – 2024	Govt. of AP - 2024
2	Best Poster Award - 2016	**International Seminar** on Luminescence and Materials ISLM-2016 & Luminescence Society of India
3	Best Poster Award- 2024	**National Conference** on NCSAMST- 2024, Department of Physics, Govt Degree College Kadapa and Dept, of Biotechnology, Govt. of India.

ADDITIONAL QUALIFICATIONS:

1. **All India 185th Rank – CSIR (NET) - 2019 conducted by NTA**
2. **Qualified APSET - 2012**

CONFERENCES ATTENDED (IF ANY)

S No	Name of the conference	Organized by	Dates	National or International	Title of the Poster	Remarks
1	International Symposium on Nanomaterials for Health & Energy	Department of Chemistry, JSS Science & Technology University - Mysuru	2nd Sept 2024	International	Microwave Absorption Properties of Barium Hexaferrite ($BaFe_{12}O_{19}$) and Nickel ferrite ($NiFe_2O_4$) composite thick films with PVDF as polymer Matrix	
2	2nd International Conference on Recent Trends in Applied Physics & Material Science (RAM -2024)	Department of Physics, Bikaner Technical University, Bikaner-334004 Rajasthan	15th &16th November 2024	International	Magnetic Spring Exchange Coupling between Barium Hexaferrite and Nickel Ferrite Flexible Thick Films with PVDF as Polymer Matrix (G1-0020)	
3	National Conference on Synthesis of Advanced Materials for Science and Technology (NCSAMST-2024)	Department of Physics & Electronics, Govt. College for Men(A) Kadapa – 516004	25th November 2024	National	The Effect of Lattice Strain on Magnetic Properties of $BaFe_{12}O_{19}$ and $NiFe_2O_4$ Thick Films Prepared by the Tape Casting Method	Received Best Poster - 1 Award
4	National Seminar on Emerging Trends and Advanced Multi-Functional Materials (NSETAFM - 2025)	Department of Physics, Acharya Nagarjuna University-Guntur	20th & 21st March 2025	National	In-Plane and Out-of-Plane Magnetic Properties of Flexible Barium Hexaferrite ($BaFe_{12}O_{19}$) Thick Films Prepared by Tape Casting Method	