



SRI VIDYA MANDIR ARTS & SCIENCE COLLEGE-UTHANGARAI

PG & RESEARCH DEPARTMENT OF PHYSICS

STAFF APPRAISAL REPORT [ARRIL 2015 – JANUARY 2019]

Dr. K. Venkatesan
Assistant Professor
PG & Research Department of Physics
Sri Vidya Mandir Arts & Science College (Autonomous)
Katteri, Uthangarai, Krishnagiri(Dt)
Tamil Nadu, India - 636 902.
Mobile: 9789239583
Email: kvphy6@gmail.com



***Currently working as a Assistant Professor and Head in Sri Vidya Mandir Arts and Science College (Autonomous) from August 2007 – still.**

1. NAME : **K.Venkatesan .**
2. DESIGNATION : Assistant Professor
3. DATE OF JOINING : 27.07.2007
4. QUALIFICATION : M.Sc., M.Phil., Ph.D.

S.N o	Course	Institution/ University	Year of Passing	Class
1	10 th	Dominic savio Higher Secondary School, Thirupattur, Vellore (D.T), Tamilnadu	1998	First (75.44%)
2	12 th	Dominic savio Higher Secondary School, Thirupattur, Vellore (D.T), Tamilnadu	2000	First (60.16%)
3	B.Sc (Physics)	Sacred Heart College, Tirupattur	2004	First (72%)
4	M.Sc (Physics)	Sacred Heart College, Tirupattur	2007	First (69.6%)
5	M.Phil (Physics)	Vinayaga Mission University, Salem	2008	First (74.5%)

6	Ph.D. (Physics)	Periyar University	-	Highly Commended
----------	--------------------	--------------------	---	---------------------

5. TEACHING EXPERIENCE

: UG – 17 Years, 11 Months.

PG – 16 Years, 11 Months

M.PHIL – 4 Years, 9 Months

6. RESEARCH EXPERIENCE

: 15 Years, 5 Months.

7. LIST OF RESEARCH PUBLICATIONS IN THE NATIONAL/ INTERNATIONAL JOURNALS AFTER 2015

S.NO	Authors Name	Title of Paper	Name of the Journal	Year	Volume & Page Number	ISSN	Impact Factor
1.	K.Venkatesan	Crystal growth and Characterization of pure and Potassium doped Lithium Sulphate Non Linear Single crystal	Journal for advanced Research in applied sciences	2018	Accepted	ISSN :2394-8442 Scopus	5.8
2.	K.Venkatesan	Growth, structural, optical, Z-scan and dielectric analysis of 2-Amino-4-methylpyridinium 2-chloro 4-nitro benzoate crystals for third order non-linear optical applications	Journal of Molecular Structure	2022	Volume :1258 & Pages :132687	SSN :1872-8014.	4.0
3.	K.Venkatesan	Structural growth dynamics of 2, 3-Diaminopyridinium 4-carboxy butanoate single crystalline linear and nonlinear optimization: spectroscopic and optoelectronics applications	Journal of Molecular Structure	2021	Volume :1242 & Pages :130756	SSN :1872-8014.	4.0
4.	K.Venkatesan	Synthesis and controllable growth dynamics of third order nonlinear optical material of 2-amino-4-methylpyridinium 2-chloro 4-nitro benzoate electro-mechanical investigation ...	Journal of Minerals and Materials Characterization and Engineering	2021	Volume : 9 Issue : 5 Pages : 407-431	SSN :2327-4077	4.0
5.							

8. LIST OF BOOK PUBLISHED AS A SINGLE AUTHOR OR EDITOR

S.No	Authors Name	Title of the Book	Name of the Publisher	Year	ISBN
1.	K.Venkatesan et al	A Text book Major Physics Practicals	Raja Publication Tirchi	2017	978-93-80394-43-5
2.	K.Venkatesan et al	A Text book Major Physics Practicals	Thannambikkai Publication Coimbatore - 41	2016	978-93-84234-85-0
3.	K.Venkatesan et al	Fundamentals of Digital Electronics and its application	Royal Book Publishing Coimbatore- 41	2019	978-93-88413-51-0
4.	K.Venkatesan et al	Space Science	Royal Book Publishing Coimbatore- 41	2019	978-93-88413-51-3
5.	K.Venkatesan et al	Fundamentals of Microprocessor	Royal Book Publishing Coimbatore- 41	2019	976-93-88412-51-5

9. LIST OF CONFERENCES / WORKSHOPS / SEMINARS/FACULTY DEVELOPMENT PROGRAMME PARTICIPATED

OR PAPER PRESENTED (NATIONAL/ INTERNATIONAL LEVEL)

S.No	Title of the Program	Place	Participated/ Paper Presented	Title of the Paper	Date, Month and Year
1	National conference on Emerging Trends in	Erode Arts College,Erode	Presented	Crystal Growth and Characterization of Pure	February-2018

	materials Science(NCETMS-2018)			and Potassium doped Lithium sulphate Non linear single crystal	
2	22 nd National seminar on crystal growth and application	Sacred Heart college- Tirupattur	Presented	Influence of lithium on structural and optical properties of glycine single crystals	29 to31,January 2018
3	International conference on Emerging Materials and Modeling(ICEMM-2019)	K.S.Rangasamy College of Arts and Science,tiruchangodu	Presented	UV,FTIR and XRD Studies on Picric doped Lithium sulphate crystal	February 4 -2018
4	National Symposium on advances in Functional and Exotic Materials	MRSI Trichay and Bharathidasan University	Presented	Crystal growth characterization on Lithium Sulphate	29 to31,January 2018
5	National Symposium on advances in Functional and Exotic Materials	MRSI Trichay and Bharathidasan University	Presented	Crystal growth characterization on Lithium Sulphate	14-16,Feb 2018
6	National Symposium on advances in Functional and Exotic Materials	MRSI Trichay and Bharathidasan University	Presented	Crystal growth characterization on Lithium Sulphate	14-16,Feb 2018
7	International conference on Emerging Materials and Modeling(ICEMM-2019)	K.S.Rangasamy College of Arts and Science,tiruchangodu	Presented	UV,FTIR and XRD Studies on Picric doped Lithium sulphate crystal	Jan 7 – 9 2019
8	National Conference on “ Recent Innovations in Nanomaterials for Environmental and Biomedical Applications (RINEBA – 2025)”	PG & Research Department of Physics, Sri Pushpam College (Autonomous), Poondi.	Presented	Srtuctral Growth Dynamics of Potassium para nitrophenol based third order non linear hybrid nanocatalysis for electrical and mechanical optimization	17-18 Feb 2025
9	”International Conference On Research In	PG and Research Department of Physics, Sri	Presented	Growth, structural, optical, Z-scan and	21-22 Feb 2024

	Emerging Advanced Materials And Spectroscopy (ICREAMS - 2024)”	Vidya Mandir Arts & Science College (Autonomous), Katteri - 636902, Uthangarai.		dielectric analysis of 2-Amino-4-methylpyridinium 2-chloro 4-nitro benzoate crystals for third order non-linear optical applications	
10	“National Conference on Material Synthesis and Environmental Sustainability (NCMSES-2023)”	PG and Research Department of Physics, Sacred Heart College (Autonomous) Tirupattur- 635601	Presented	Green synthesis of Zinc Oxide nanostructures using Hibiscus cannabinus leaf extract	26 Sep 2023
11	“One day International Virtual Conference on Material Science and Nanotechnology (ICMSN-2023)”	Department of Physics, St. Joseph College of Arts and Science for Women, Pagalpatty,Salem.	Presented	Growth and Characterization of Lithium Doped Copper Sulphate single Crystal	28 Feb 2023
12	“National conference on Advances in Material Research” (NCAMR) - 2022	PG and Research Department of Physics, Sacred Heart College (Autonomous) Tirupattur- 635601	Presented	Growth and Characterization of Lithium Picric acid doped Copper Sulphate single Crystal	30 Sep 2022
13	”National Symposium on Materials Innovation and Leadind Exploration (NSMILE 2024)”	PG and Research Department of Physics, Sri Vidya Mandir Arts & Science College (Autonomous), Katteri - 636902, Uthangarai.	Presented	Growth, structural, optical, Z-scan and dielectric analysis of 2-Amino-4-methylpyridinium 2-chloro 4-nitro benzoate crystals for third order non-linear optical applications	27-28 December 2024

10. PARTICIPATED IN THE CONFERENCES / WORKSHOPS / SEMINARS/FACULTY DEVELOPMENT PROGRAMME
(NATIONAL/ INTERNATIONAL LEVEL)

S.No	Title of the Program	Place	Date, Month and Year
1.	Advanced Material Science	Sacred Heart College,Thirupattur	August 2016
2.	Physics Experiment Workshop	Madras Scientifics Supplies, Salem.	8 August 2016,Salem
3.	Recent advanced in physicalChemistry	NKR Arts college for Women,Namakkal	12 July 2017
4.	Workshop on Research Methdology	Sri Vidya Mandir arts and science college,Uthangarai	24 January-2017
5.	E-Content Development	Ramanujan College, University of Delhi	From 21 – 27 August, 2023
6.	3rd International Faculty Development Programme (FDP) on Advanced Functional Materials: Energy, Environment and Sustainable Development - 2025	Department of Physics, in association with the Department of Mechanical Engineering, SRM TRP Engineering College Tiruchirappalli – 621105	28 th February – 06 th March 2025
7.	Six Days Faculty Development Programme on Recent Advances, Trends, and Challenges in Nanomaterials Characterization and Techniques (RCINMCT-2024)	Department of Physics, Koneru Lakshmaiah Education Foundation, Guntur - 522302	9 th September 2024 – 14 th September 2024

8.	Five Days Faculty Development Programme on “Recent Trends of Advanced Functional Materials”	Department of Physics, Velammal College of Engineering, Madurai – 625009.	25 th – 28 th March 2024 & 01 st April 2024
9.	Five Days Faculty Development Programme on Advanced Materials for Energy Applications	Sathyabama Institute of Science and Technology, Chennai	9 th October 2023 – 13 th October 2023
10.	“NAAC Accreditation Framework”	Guru Shree Shantivijai Jain College for Women, Chennai-600007.	9 th September 2023 – 16 th September 2023
11.	“Two Day Online Faculty Development Programme On Condensed Matter Physics”	Jamal Mohamed College (Autonomous), Tiruchirappalli– 620020 in collaboration with Indian SpectroPhysics Association (ISPA-Chennai)	24 th January 2022 - 25 th January 2022

11. LIST OF WORKSHOPS / SEMINARS/ INSPIRE CAMPS ORGANIZED with External FUNDING AGENCIES

S.No	Title of the Program	Sponsored/collaboration	Date, Month and Year	Nature of the Work
1	Young Student Scientist Programme – 2019	Sponsored by TNSCST, Tamil Nadu	03 – 17 May 2019	Organizing Member
2	Science Academies’ Lecture Workshop in Recent Trends in Applied Physics for Technology (SALWRTAPT)	Sponsored by Indian Academy of Sciences (Bangalore) Indian National Science Academy (New Delhi) The National Academy of Sciences (Allahabad)	21 & 22 July, 2017	Organizing Member
3	Inspire Camp 2016	Sponsored by DST, India	24 – 28 September 2016	Organizing Member
4	Science Academies Lecture workshop on recent trends in	Sponsored by	2 & 3 Jan 2015	Organizing Member

	Materials Science	Indian Academy of Sciences (Bangalore) Indian National Science Academy (New Delhi) The National Academy of Sciences (Allahabad)		
5	Inspire Camp 2015	Sponsored by DST, India	26 – 30 September 2015	Organizing Member
6	Creation of Scientific Awareness Programme 2013 (CSAP 2013)	Sponsored by TNSCST, Tamil Nadu	29 – 31 January 2013	Organizing Member
7	International Conference on Modern Materials & Research 2016 (ICMMR 2016)	Collaboration with Indian Spectro Physics Association, Chennai.	19 & 20 December 2016	Treasure

12. LIST OF CONFERENCES / WORKSHOPS ORGANIZED with Internal FUNDING AGENCIES

S.No	Title of the Program	Sponsored/collaboration	Date, Month and Year	Nature of the Work
1	National Symposium on Materials Innovation and Leading Exploration	Collaboration with Indian Spectro Physics Association, Chennai.	27 & 28 December 2024	Organizing Secretary
2	International Conference on Research in Emerging Advanced Materials and Spectroscopy (ICREAMS 2024)	Collaboration with Indian Spectro Physics Association, Chennai.	21 & 22 February 2024	Organizing Member
3	International Virtual Conference on Physics of Emerging Materials and Molecules	Collaboration with Indian Spectro Physics Association, Chennai.	04 & 05 March 2021	Organizing Member

	(IVCPEMM 2021)			
4	International workshop on Recent Advances in Material Science	Sri Vidya Mandir Arts & Science College, Katteri, Uthangarai, Krishnagiri(D.T), Tamilnadu.	14 February 2019	Organizing Member
5	International Conference on Modern Materials & Research 2016 (ICMMR 2016)	Collaboration with Indian SpectroPhysics Association, Chennai.	19 & 20 December 2016	Organizing Member
6	National Conference on Advanced Materials 2014 (NCAM 2014)	Collaboration with Indian SpectroPhysics Association, Chennai.	18 & 19 July 2014	Organizing Member
7	International Conference on Recent Advances in Physics 2013 (ICRAP 2013)	Collaboration with Indian SpectroPhysics Association, Chennai.	12 & 13 August 2013	Organizing Member
8	National Conference on Recent Advances in Physics 2012 (NCRAP – 2012)	Collaboration with Indian Spectro Physics Association, Chennai.	20 & 21 July 2012	Organizing Member

13. LIST OF CO - CURRICULAR AND EXTENSION ACTIVITIES

Sl. No.	Name of Co-curricular and Extension Activities	About the Activity (Provide a brief write-up)	Year / Period of Activity
1	Discipline Committee (DC) Member	Monitoring and regulate the students in discipline aspects	June 2007 – Till Date
2	Board of Studies (BoS)- Physics in SVMASC	The Board of Studies is a statutory body and reports to the Academic Council through the Head of department Concerned. Each Academic Department shall have a Board of Studies. All academic matters like	June 2020- Till date

	Board Member	Introduction of a new Academic Programme, Revision of a programme / course, review of academic rules, etc. shall be handled by the board of studies.	
--	--------------	--	--

14. AWARDS

Sl. No.	Title of the Award	Organization Confer the Award	Purpose	Year
1	Best Teacher Award	Sri Vidya Mandir Arts & Science College, Katteri, Uthangarai, Krishnagiri(D.T), Tamilnadu.	Academic	2020

Date: 29.03.2025

Place: Katteri, Uthangarai

K.VENKATESAN