

PROFILE

1. Name : Mr.G.PRAVEENKUMAR
2. Designation : Assistant Professor
3. Qualification : M.Sc., M.Phil.
4. Area of Specialization : Biomaterials & Nanoscience
5. Department : PHYSICS
6. DOB & Age as on 28.02.2022 : 25.09.1995 & 28 Yrs
7. Gender : Male
8. Permanent Address : 4/6266, Kattarasampatti (Vill), Poyyapatti (PO),
Harur (TK), Dharmapuri (DT)-636906
Tamilnadu, India.
9. Communication Address : VCET Men's Hostel, Vellalar Campus.
10. Phone –Mobile : 7397034351, 9159989058
11. E-mail ID : (i) praveenkumarg@velalarengg.ac.in
(ii) praveenganesan322@gmail.com
12. Marital Status : Unmarried
13. Languages Known : Tamil & English



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
M.Phil	Applied Physics	Anna University, Chennai-600 025	Anna University, Chennai-600025	April 2020	75.2	First Class with Distinction
M.Sc	Physics	University Department of Physics	Periyar University, Salem-11	April 2018	71.8	First Class with Distinction
B.Sc	Physics	Sri Vidya Mandir Arts & Science College	Periyar University, Salem-11	April 2016	86.4	First Class with Distinction

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 (Autonomous)	Assistant Professor	08.11.2021	Till Date	-	-	-
Total				-	-	-

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

S.No	Period		Name of the Event	Topic / Title	Organized by	Only participated	Participated & presented the paper
	From	To					
1.	29.08.2022	31.08.2022	International Conference	Crystal Growth & Spectroscopy	Department of Physics, Jt. Joseph's College, Trichy-620002	Only Participated	-
2.	03.09.2022	-	International Workshop	Emerging Materials & Modelling for Future Tech	Centre For Nanoscience & Technology, Anna University, Chennai-25.	Only Participated	-
3.	16.05.2022	21.05.2022	Summer School	2 nd Indian Summer School on Crystal Growth	SSN Research Centre, SSN Institutions (Autonomous) Chennai-603110	Only Participated	-
4.	29.10.2021	02.11.2021	State Level Workshop	Foundamental Aspects of Quantum Mechanics	Department of Physics, B.S.Abdur Rahman Crescent Institute of Scieience & Technology, Chennai-600048	Only Participated	-
5.	13.09.2021	15.09.2021	International Conference	Solution Grown Crystals and Their useful Applications	SSN Research Centre, SSN Institutions (Autonomous), Chennai-10	Only Participated	-
6.	09.09.2020	11.09.2020	International Conference	Recent Trends in Energy Materials	Department of Physics, Alagappa University, Karaikudi-630 003	Only Participated	-

7.	11.09.2020	12.09.2020	International Conference	Advanced Materials Science and Eng	Department of Physics, Bannari Amman Institute of Technology (Autonomous), Sathyamangalam	Only Participated	-
8.	8.9.2020	9.09.2020	International Conference	Supercapacitor & Batteries for future Avenues	International Relationship Centre, Bharathidasan University, Triuchirappalli- 620 024	Only Participated	-
9.	25.08.2020	-	National Webinar	Lasers and Nano-Optics	Department of Physics, National Institute of Technology, Triuchirappalli- 620 015	Only Participated	-
10.	07.08.2020	08.08.2020	International Conference	Advanced Materials For Sustainable Development	Department of Chemistry, Bannari Amman Institute of Technology (Autonomous), Sathyamangalam- 638 401.	-	Participated & Presented
11.	26.08.2020	28.08.2020	International Conference	Advances in Functional Materials	Department of Physics, Kalinga Institute of Industrial Technology (KIIT) Bhubaneswar- 751024, Odisha.	-	Participated & Presented
12.	26.08.2020	28.08.2020	International Conference	Virtual International Transdisciplinary Conference (VITC-2020)	Department of Physics, Vellore Institute of Technology (VIT) Deemed to be University, Vellore	-	Participated & Presented
13.	10.08.2020	14.08.2020	International Workshop	Physics and Technical Innovations in Brachytherapy: Clinical Challenge	Department of Medical Physics, Anna University, Chennai 600025	Only Participated	-
14.	10.07.2020	30.7.2020	Internship Programme	1 st Virtual Summer School on Nanoscience and Nanomaterial	National Centre for Nanoscience and Nanotechnology, University of Madras Guindy Campus, Chennai-600 025	Only Participated	-

15.	20.07.2020	25.07.2020	Six-day International Symposium	Medical and Radiation Physics	Department of Physics, Women's Christian College (Autonomous), Chennai	Only Participated	-
16.	15.07.2020	17.07.2020	International Conference	Advances in Nanomaterials and It's Recent Application	Department of Physics, Dr.N.G.P. Institute of Technology Coimbatore	Only Participated	-
17.	04.07.2020	10.07.2020	One week work shop	Materials Technology Advancements in current scenario	Department of Physics, Sathyabama Institute of Science and Technology Chennai-600 119	Only Participated	-
18.	03.07.2020	04.07.2020	Two days E-Work Shop	Virtual Labs in Physics and Electronics	Department of Physics and Electronics, Aurora's Degree and PG College, Hyderabad-500020	Only Participated	-
19.	01.07.2020	02.07.2020	Lecture Series	Advanced Materials and Modern Applications	SSN Research Centre, SSN College of Engineering (Autonomous) Kalavakkam, Chennai 603 110	Only Participated	-
20.	30.06.2020	01.07.2020	International Conference	High-Performance Materials for Energy, Envir & Healthcare in the Digital Era	Centre for Materials Technology, VIT Vellore-632 014	Only Participated	-
21.	26.06.2020	27.06.2020	International Conference	Advanced Materials for Energy and Envi Applications	International Relations Centre, Bharathidasan University, Tiruchirappalli-620 024	Only Participated	-

22.	23.06.2020	-	International Conference	Photovoltaics and Material Science	Centre for Crystal Growth, Vellore Institute of Technology Vellore.	Only Participated	-
23.	17.06.2020	19.06.2020	International Conference	Advanced Nanomaterials Applications	Centre for Nanotechnology Research (CNR), Vellore Institute of Technology Vellore.	Only Participated	-
24.	17.06.2020	-	Virtual Symposium	Multifunctional Materials	Department of Physics, SRM Institute of Science and Technology, Chennai-89	Only Participated	-
25.	11.06.2020	13.06.2020	International Webinar Lecture Series	Lasers, Optics & Photonics	Department of Physics, Chikkanna Government Arts College Tiruppur	Only Participated	-
26.	04.06.2020	06.06.2020	International webinar	Recent Advances in Materials Science and Nanotechnology	Department of Physics, Bannari Amman Institute of Technology, Sathyamangalam, Erode (Dist)	Only Participated	-
27.	01.06.2020	02.06.2020	International Virtual Seminar	Emerging Technologies in Energy Conversion and Storage	Centre for Nanoscience and Nanotechnology Sathyabama Institute of Science and Technology Chennai- 600 119	Only Participated	-
28.	25.05.2020	30.05.2020	Six days International workshop	Smart Materials Sensors and Energy Devices	SSN Research Centre, SSN College of Engineering (Autonomous), Kalavakkam, Chennai 603 110	Only Participated	-
29.	14.05.2020	23.05.2020	Summer School	Indian Summer School on Crystal Growth	SSN Research Centre, SSN Institutions (Autonomous) Chennai-603110	Only Participated	-

30.	16.05.2020	-	Virtual symposium	International Light of Day	IEEE Photonics society and SPIE student chapters, Department of Physics, IIT Guwahati, Assam-781039	Only Participated	-
31.	01.03.2018	2.03.2018	National Conference	Emerging Materials and Methods for Advanced Applications	Department of Physics, Periyar University, Salem- 11	Only Participated	-

Refresher / Orientation course / FDP, etc., attended

Sl. No	Period		Topic / Title	Organized by	Expenses met by VCET / Own / Organizer
	From	To			
1	12.09.2022	20.09.2022	International FDP on Foremost Frontiers of Material Science	Department of Physics, Sathyabama Institute of Science & Technology, Chennai-600 119	Own
2	06.08.2022	13.08.2022	FDP on PH3151-Engineering Physics	Department of Physics, College of Engineering, Guindy Campus, Anna University, Chennai-600 025	Own
3	25.07.2022	30.07.2022	FDP on Recent Trends in Applied Physics	Department of Physics, Easwari Engineering College (Autonomous), Chennai.	Own
4	01.11.2021	02.11.2021	Cultivation of Research Excellence to Enhance Innovations and Professional Development	Department of Physics, Panimalar Engineering College, Chennai-6000123	Own
5	21.09.2021	27.09.2021	Emerging Research Trends in Applied Science Technology	Department of S & H (Physics) & Centre for Materials Research, Nehru Institute of Technology, Coimbatore	Own
6	01.07.2021	06.07.2021	Emerging Trends in Science and Technolgy	Department of Physics, Easwari Engineering College (Autonomous), Chennai.	Own

7	14.06.2021	19.06.2021	PH8151-Engineering Physics	Department of Physics, Indra Ganesan College of Engineering, Tiruchy.	Own
8	July 2020	-	One Week Online Course “ Nonlinear Dynamics: Introduction”	BECH-RUSA 2.0 & School of Physics, Bharathidasan University, Tiruchirappalli-620024	Own
9	08.06.2020	10.06.2020	Nanotechnology Innovations in Energy and Biomedicine	Department of Physics, Kamaraj College of Engineering & Technology, Madurai (Dt)	Own
10	08.06.2020	14.06.2020	Physics of Materials	Department of Physics, Kalasalingam Academy of research & Education, Krishnankoil-626126	Own

Contribution for the Development of the Institution/ Department

A	To The Institution	Red Ribbon Club Coordinator
B	To the Department	Websites Coordinator, Department meeting minutes Incharge

E-CONTENTS

1. Introduction to Engineering Physics:

https://velalarenggacin-my.sharepoint.com/:b:r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/1.1%20Introduction%20to%20Engineering%20Physics.pdf?csf=1&web=1&e=Rcm1Da

2. Advanced Materials - Bio Materials:

https://velalarenggacin-my.sharepoint.com/:b:r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/Advanced%20Materials%20%20Bio%20Materials.pdf?csf=1&web=1&e=Kkl0bH

3. Basic Ultrasound & Application:

https://velalarenggacin-my.sharepoint.com/:b:r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/BASIC%20ULTRASOUND%20%26%20APPLICATION.pdf?csf=1&web=1&e=p2p9uz

4. Conducting Materials:

https://velalarenggacin-my.sharepoint.com/:b:r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/CONDUCTING%20MATERIALS.pdf?csf=1&web=1&e=j5MrVV

5. **Dielectric Materials:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/DIELECTRIC%20MATERIALS.pdf?csf=1&web=1&e=e2UH7a

6. **Einstein's Coefficient and Laser Applications:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/Einstein%E2%80%99s%20Coefficient%20and%20laser%20applications.pdf?csf=1&web=1&e=SnZhED

7. **Laser Introduction:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/LASER%20INTRODUCTION.pdf?csf=1&web=1&e=J0bKFv

8. **Optical Materials:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/Optical%20%20Materials.pdf?csf=1&web=1&e=gtT4nS

9. **Semiconducting Materials:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/SEMICONDUCTING%20MATERIALS.pdf?csf=1&web=1&e=geXsOg

10. **Thermal Physics:**

https://velalarenggacin-my.sharepoint.com/:b:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS/Thermal%20Physics.pdf?csf=1&web=1&e=fnZE5e

11. https://velalarenggacin-my.sharepoint.com/:f:/r/personal/praveenkumarg_velalarengg_ac_in/Documents/E-MATERIALS?csf=1&web=1&e=DvRwTZ

