CURRICULUM VITAE

Dr. A. Suvitha M.Sc., M.Phil., **Ph.D.**
Associate Professor, Department of Physics, CMRIT

Experience: **Teaching** : 15 years
Research : 15 years

Number of Publications : 72

Career Objectives:

Looking for a responsible position where I can use my expertise and technical skills to represent my organization with zeal and dedication.

Career Responsibilities:

- Commitment to assisting university students in achieving their maximum academic potential.
- Strong teaching philosophy and understanding of a variety of approaches for motivating students to gain expertise in particular fields.
- Encourage discussion in the classroom by proposing subjects, modelling best practices when discussing scientific concepts, and interjecting when needed.
- Dedicated supporter of university services and community outreach activities that encourage learning and community support.

Citation Index:

Name	Citations	h-index	i10
Research Gate https://www.researchgate.net/profile/Suvitha_Suvi	**637**	**13**	**11**
Google Scholar https://scholar.google.co.in/citations?user=4K94wcoAAAAJ&hl=en&oi=ao	**580**	10	10
Scopus Preview https://www.scopus.com/authid/detail.uri?authorId=57218331018	**503**	9	**9**
Orcid https://orcid.org/0000-0002-3010-472X	-	-	-

Academic Profile:

Degree	College/University	Period	Grade
Ph.D.[Physics]	**Periyar Maniyammai University Thanjavur,Tamilnadu**	**Sep 2011-Nov 2015 Reg No. 211011863003**	**A Grade**
M.Phil. [Physics]	Mother Teresa Women's University, Kodaikanal	July 2005 – May 2006	87 % University First Rank Gold Medalist
M.Sc. [Physics]	Women's Christian College, Nagercoil	July 2003 – April 2005	71.4 %
B.Sc. [Physics]	Women's Christian College, Nagercoil	July 2000 – April 2003	70.82 %

Software Skills:

- DFT Gauss View
- Gaussian 09
- Gab edit
- Origin
- Gauss sum
- Swiss ADME
- Marvin Sketch
- VEDA
- Auto dock
- Avogadro
- Multiwfn
- VVD etc…

Research Skills:

- Chemical Kinetics
- Structure elucidation
- Stability assessment
- Molecular spectroscopy
- Internal dynamics of molecules
- Physical, chemical, and structural properties of the molecules
- Biological metabolism
- Experimental and computational (DFT) analysis

Career Summary:

College	Designation	Period
CMR Institute of Technology ,ACES Layout Bangalore.	**Associate Professor**	**July 2016- Till date,**
St Francis College, Bangalore	Lecturer	Apr 2011-April 2014
Krupanidhi college of Science, Bangalore	Lecturer	June 2007-march 2011
Bangalore City College, Bangalore	HOD Assistant Professor	June 2006 – March 2007

Guiding 3 PhD Students

Awards / Honors:

1. Selected for UGC's Post-Doctoral Fellowship for Women Candidates (2017-18).
2. Received Best Researcher Award, NCTEMP, Puducherry 2014.
3. Received Gold Medal for University First Rank in M. Phil from Dr.APJ.Abdul Kalam
4. Selected for WOS A Scheme Scientist in DST 2013.
5. Poster got selected for International Symposium on Quantum Science & Technology, Scotland, UK 2018.
6. Secured Topper 5% in NPTEL course, Computer Aided Drug Design Examination October, 2018.
7. Received Best Poster Award, in International symposium MCGPD Feb 2019, Chennai.
8. Selected Candidate in Central University (API Score 9th Rank), Karnataka, as an Assistant Professor, 2019.
9. Selected Candidate in Central University, Tamil Nadu, as an Assistant Professor, 2019.
10. Shortlisted candidate under, DST / Swarna jayanthi 2019-2020 (Physical science).
11. Presented a paper in WORLD RECORD ATTEMPT, ESN Publications, Chennai held on 3rd to 9th September 2020.
12. Received BEST Presenter Award in International conference / ICOWOBAS, 25th & 26th of August 2021, Indonesia.

Mooc Course:

Degree	College/University	Period	Grade
Patent Drafting for Beginners	NPTEL	Jan 2018-April 2018	Elite
Computer Aided Drug Designing	NPTEL	June 2018- Sep 2018	Elite
Multidimensional NMR Spectroscopy for Structural Studies of Biomolecules	NPTEL	Jan2019-March 2019	Elite Topper in 5%
Medicinal Chemistry	NPTEL	Jan2019-April 2019	Elite
Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	NPTEL-Swayam	July 2019- Nov 2019	Elite
Introduction to Professional Scientific Communication	NPTEL-Swayam	Jan2020-April 2020	Completed
Introductory Mathematical Methods for Biologists	NPTEL-Swayam	Jan2020-April 2020	Completed
Introduction to Molecular Spectroscopy	Coursera	Nov 2020 - Jan 2021.	Completed
Introduction to C++	Coursera	May-Jul 2022	Completed
Fundamentals Of Electronic Materials And Devices	NPTEL-Swayam	Jan 2023- March 2023	Completed

List of Important Paper Publications :

1. A. Suvitha ,S. Periandy ,S. Boomadevi , M. Govindarajan "Vibrational frequency analysis, FT-IR, FT- Raman, ab initio, HF and DFT studies, NBO, HOMO–LUMO and electronic structure calculations on pycolinaldehyde oxime" Spectrochimica Acta Part A: 117 (2014) 216–224. Impact factor.3.23. (Q2 Journal)
2. M. Govindarajana, M. Karabacak, A. Suvitha, S. Periandy "FT-IR, FT-Raman, ab initio, HF and DFT studies, NBO, HOMO–LUMO and electronic structure calculations on 4-chloro-3-nitrotoluene" Spectrochimica Acta Part A 89 (2012)137– 148. Impact factor.3.23 (Q2 Journal)
3. A.Suvitha, S. Periandy, M. Govindarajan and S.Ramanlingam "Vibrational frequency analysis, HF and DFT(B3LYP and B3PW91) studies,HOMO–LUMO and electronic structure calculations on 2-chloro-5- nitropyridine" Asian Journal of physics 23, no 6, (2014) 1069-1078. Impact factor.1.166
4. A.Suvitha, S. Periandy, and M. Govindarajan "Vibrational spectroscopic studies, HOMO–LUMO, NBO, UV and NMR analysis of 4-acetylpyridine" Asian Journal of physics 23, no 6(2014)1053-1062. Impact factor.1.166
5. A.Suvitha, S. Periandy, M. Govindarajan and P.Gayathri "FT-IR, FT-Raman spectra and HF-DFT methods and NBO, HOMO-LUMO and electronic transition studies on 2, 2, 4 trimethyl Pentane" Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 138 (2015)900– 912. Impact factor.3.23. (Q2 Journal)
6. Umadevi M, Suvitha A, Latha K, Rajkumar BJ, Ramakrishnan .v "Spectral investigations of preferential solvation and solute-solvent interactions of 1,4-dimethylamino anthraquinone in CH2Cl2/C2H5OH mixtures". Spectrochim Acta A Mol Biomol Spectroscopy 67(2007)910-915. Impact factor 3.23. (Q2 Journal)
7. A.Suvitha, S. Periandy, and P.Gayathri "NBO, HOMO–LUMO, UV, NLO, NMR and vibrational analysis of veratrole using FT-IR, FT-Raman, FT-NMR spectra and HF–DFT computational methods" Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 138 (2015) 357–369. Impact factor.3.23. (Q2 Journal)
8. Sudhir M. Hiremath, A. Suvitha, Ninganagouda R. Patilc , Chidanandayya S. Hiremathd, , , Seema S. Khemalapured,Subrat K. Pattanayake, Veerabhadrayya S. Negalurmath, Kotresh Obelannavar, Molecular structure, vibrational spectra, NMR, UV, NBO, NLO, HOMO-LUMO and molecular docking of 2-(4, 6-dimethyl-1-benzofuran-3-yl) acetic acid (2DBAA): Experimental and theoretical approach, Journal of Molecular Structure, 1171 (2018) 362-374 May 2018. Impact factor.2.02 (Q2 Journal)
9. Sudhir M. Hiremath, A. Suvitha, Ninganagouda R. Patil, Chidanandayya S. Hiremath, Seema S. Khemalapure, Subrat K.Pattanayak, Veerabhadrayya S. Negalurmath, Kotresh Obelannavar, Sanja J. Armaković, Stevan, ArmakovićSynthesis of 5-(5-methyl-benzofuran-3-ylmethyl)-3H-[1, 3, 4] oxadiazole-2-thione and investigation of its spectroscopic, reactivity, optoelectronic and drug likeness properties by combined computational and experimental approach. Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy, 205 (2018) 95–110, July 2018. Impact factor.3.23. (Q2 Journal)
10. Suvitha A, Spectral investigations, NLO, NBO, HOMO-LUMO, MEP, ADME parameters of 2-methyl-benzoquinoneUsing quantum computations and CADD technique, AIP Conference Proceedings 2162, 020037 Impact factor.1.2 (2019).
11. A. Suvitha, Insights of structure-based pharmacophore studies and inhibitor design against Gal3 receptor through molecular dynamics simulations, Taylor & Francis / Journal of Biomolecular Structure and Dynamics, IF: 3.22 (2020). (Q2 Journal).
12. A.Suvitha, Quantitative experimental and theoretical research using the DFT technique on the structural, UV, electronic, and FMO properties of Gammaxene 11, 6, (2021), 14240 - 14250 Bio interface Research in Applied Chemistry, Scopus (Elsevier) (Q4 Journal).
13. A.Suvitha, Nonlinear Optical Crystalline Nature Bis (2, 6-Diaminopyridine) Hydrogen Phthalate Nitrate Monohydrate (APPN) : Development and its Phase Matching Nature, Results in Optics 3 (2021) 100075.
14. A.Suvitha, The adsorption of 1-Chloro-1,2,2,2-tetrafluoroethane onto the pristine, Al-, and Ga-doped boron nitride nanosheet", has been published in Iranian Journal of Science and Technology on 28th May 2021, Transactions A: Science(2021) (Q2 Journal).
15. A.Suvitha, Quantum Chemical Studies on Structural, Spectroscopic, Thermochemistry, Photo-physical and Bioactivity Properties of m-Cresol Purple Dye(2021) has been accepted for publication in Bio interface Research in Applied Chemistry, Scopus (Elsevier) (Q4 Journal).
16. A.Suvitha, Exploring crystal electronic optical and NLO properties of ethyl 4-(3,4 dimethoxy Phenyl 6 methyl 2 thioxo 1,2,3,4 tetrahydro Pyrimidine 5 carboxalate (MTTHPC), published on 22nd July 2021 in Optical and Quantum electronics(Q2)
17. A.Suvitha, Boosted electronic, optical and NLO responses of Homo P nanoclusters via conducting polymeric substituents, Published on 21st June 2021 in Computational and theoretical chemistry(Q3)

18. A.Suvitha, Molecular structure, FT Raman, IR, NLO, NBO, HOMO-LUMO analysis, physicochemical descriptors, ADME parameters, pharmacokinetic Bioactivity report on 2, 3, 5, 6 –Tetra Chloro-P- Benzoquinone, accepted on April 2021 in Journal of Structural Chemistry/ Journal(Q3)
19. A.Suvitha, Experimental and theoretical validation studies of ASnO3 (A=Ba, Ca, Sr) nanofibers for bioactivity applications, accepted on Jan 2023, on International Journal of Nanotechnology/ Journal(Q4)
20. A.Suvitha, Optimizing pharmacokinetics via ADMET, Bioactivity of Zr substituted Samarium-Doped Ceria Nanomaterials, accepted on 4th June 2021 on International Journal of Nanotechnology/ Journal(Q4)
21. A.Suvitha, Experimental and theoretical analysis for the structural, FT-IR, NLO, NBO and RDG properties of Lindane using DFT Technique, accepted on 25th and 26th August 2021 in AIP conference proceedings
22. A.Suvitha, Exploring the electronic and optical absorption properties for homo and hetero pyrrole-graphene quantum dots, published, 2021 in Journal of Computational Electronics (Q2)
23. A.Suvitha, Experimental, Computational analysis of Butein and Lanceoletin for Natural Dye Sensitized Solar cells and stabilizing efficiency by IoT published on September 14th 2021 in Environment, Development and Sustainability (Q2)
24. Optical limiting behavior, Nonlinear optical studies geometrical descripters, chemical properties and Topology analysis on Tetraethylammonium L-tartarate dihydrate Single Crystal, Journal of Molecular Crystals and Liquid Crystals (Q3), published, November 2021.
25. Boosted electronic, NLO and absorption characteristics for quercetin and taxifolin; comparative experimental and DFT studies, Journal of Bio interface Research in Applied Chemistry (Q3), 7th November 2021.
26. Organic hexamine p-nitrophenol crystal: growth, optical, electrical, mechanical and density functional theoretical studies for nonlinear optical applications, optical materials (Q1), 26th march 2022.
27. Exploring the crystal, ft-ir, optical, and nlo properties of 3,4-dichloro-6-ehtyl-6h-pyrano[3,2-c]quinoline-2,5-dione (DCPQ), Letters in Applied Nano Bio Science, Jan 2022.
28. Diamond Morphology CuO Nanomaterial's Elastic properties, ADMET, Optical, Structural Studies, Electrical Conductivity and Antibacterial Activities Analysis, Inorganic and Nano-Metal Chemistry (Q3), Published Jan 2022..
29. Growth, optical, electrical properties and DFT studies on piperidinium 4-nitrophenolate NLO single crystal in acetone published Jan 2022. Journal of Crystal Growth (Q1).
30. Novel La1−xCaxTi1−yTayO3-δ perovskites with enhanced conductivity for solid oxide fuel cell electrodes Journal of Alloys and Compounds 915, may 2022.165371(Q1).
31. On the Viability of Divergent Donor Moieties in Malononitrile-Based Donor-π-Acceptor Photosensitizers for DSSCs: A DFT/TD-DFT Study, Journal of Physical Organic Chemistry, July 2022(Q3).
32. Optical limiting behavior, nonlinear optical studies, geometrical descriptors, chemical properties data, topology analysis on tetraethylammonium L-tartarate dihydrate crystals, Molecular Crystals and Liquid Crystals,2021.
33. Structural, photophysical and optoelectronic activity of triphenylamine-based push–pull chromophores: a theoretical study Optical and Quantum Electronics, Oct 2022
34. Utilization Of Carbon Based Nanomaterial to Sense Vinyl Chloride in the Gas Phase: Theoretical Investigation, Diamond and Related Materials /Elsevier, Dec 2022 (Q1)
35. Investigating the physicochemical properties and pharmacokinetics of curcumin employing density functional theory and gastric protection, Chemical Physics Impact, Dec 2022
36. Computational, Investigational Explorations on Structural, Electro-Optic Behavior of Pelargonidin Organic Colorant for TiO2 Based DSSCs, Symmetry, Jan 2023.
37. Experimental and Theoretical Analysis for the Structural, FT-IR, NLO, NBO and RDG Properties of Lindane Using DFT Technique, AIP conference proceedings, Jan 2023
38. New Quantum approach on Epilepsy drug 3'-Aminothymidin based on Pharmacokinetic, Topological and Molecular docking report, Bio interface Research in Applied Chemistry, Jan 2023
39. ADMET, Pharmacokinetic and Docking properties of the fungal drug 2- (2, 4-difluorophenyl)-1, 3-bis (1, 2, 4 triazol-1-yl) propan-2-ol by using Quantum computational methods, feb 2023
40. Crystallographic (X-rays), Spectroscopic (FT-IR, FT-Raman, NMR), electronic (NBO, FMOs) and NLO analyses for Zidovudine (ZDV); correlated experimental and theoretical studies Article DOI: 10.1007/s11082-023-04728-6, Optical and Quantum Electronics, published May 2023.
41. Toxicity, Pharmacokinetic Profile, and Compound Protein Interaction Study of Polygonum minus Huds Extract, Applied Biochemistry and Biotechnology-Q2 Journal,May 2023, https://doi.org/10.1007/s12010-023-04499-6
42 Hypothetical, investigational explorations on potential metal organic single crystal Bis (2, 6 diaminopyridin 1 lum) hexaaquacobalt (1) disulfatedihydrate, MRS Communications(Q2 Journal), June 2023, https://doi.org/10.1557/s43579-023-00372-2

43.Understanding the adsorption behavior of C2H3Cl on pristine, Al-, and Ga-doped boron nitride nanosheets, Computational and Theoretical Chemistry, Q3 Journal, Sep 2023,https://doi.org/10.1016/j.comptc.2023.114318

44.Investigational, computational explorations on betanin, lycopene, cyanidin, and peonidin organic photo sensitizers for green energy harvesting,https://doi.org/10.1016/j.seta.2023.103451, Q1 Journal, Sep 2023

Guest Lecture

1. Invited Talk for Molecular Spectra, Decotta programme, Universities of Airlangga, Indonesia on 22nd November 2021.
2. Invited Talk for Rotational Spectra, Decotta programme, Universities of Airlangga, Indonesia on 29nd November 2021.
3. Invited Talk for Nanomaterials for Innovative Drug Design, KPR Institute of Engineering and Technology, Coimbatore on 20th April, 2022.

List of Papers Presented in International / National Conference:

	Title	Paper presented	Venue and date
1	International Conference on Emerging Trends in Physics (ICETP-13)	Vibrational frequency analysis, HF and DFT (B3LYP and B3PW91) studies, on 2-chloro-5-nitropyridine.	St.Joseph's College of Arts & Science ,cudalore 21st & 22nd February 2013
2	The internal dynamics of the Molecules	Vibrational spectroscopic studies, HOMO–LUMO, NBO, UV and NMR analysisof 4-acetylpyridine	Tagore arts college, Puducherry 28th Feb. 2013
3	Advanced materials and Applications	HOMO–LUMO and electronic Structure calculations on 2-chloro-5-nitropyridine.	NIT, Trichi 4th and 5th April 2013

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1	International Conference on Emerging Trends in Physics (ICETP-13)	Vibrational frequency analysis, HF and DFT (B3LYP and B3PW91) studies, on 2-chloro-5-nitropyridine.	St.Joseph's College of Arts & Science ,cudalore 21st & 22nd February 2013
2	The internal dynamics of the Molecules	Vibrational spectroscopic studies, HOMO–LUMO, NBO, UV and NMR analysis of 4-acetylpyridine	Tagore arts college, Puducherry 28th Feb. 2013
3	Advanced materials and Applications	HOMO–LUMO and electronic structure calculations on 2-chloro-5-nitropyridine.	NIT, Trichi 4th and 5th April 2013
4	International Conference on Recent Advances in Physics (ICRAP-13)	Vibrational frequency analysis, FT-IR, FT-Raman, ab initio, HF and DFT studies, NBO, HOMO–LUMO and electronic structure calculations on pycolinaldehyde oxime	Sri Vidya Mandir Arts and ScienceCollege,Krishnagiri 12th&13th Aug 2013
5	National conference on "Theoretical and Experimental molecular Physics" NCTEMP	FT-IR,FT-Raman spectra and HF-DFT methods and NBO,HOMO-LUMO and electronic transition studies on 2,2,4 trimethyl Pentane Got Best Paper Award	Tagore arts college, Puducherry 14th March. 2014
6	National conference on recent advances in molecular spectroscopy, NCRAMS	FT-IR, FT-Raman spectra and HF-DFT methods and NBO, HOMO-LUMO and electronic transition studies on veratrole	Tagore Arts college puducherry, page no 47, NCRAMS-14 14h September 2014
7	National Conference RTAST-2017	Vibrational analysis of 2, 3, 5, 6 – Tetrachloro-P- Benzoquinone using Quantum Computations (HF and DFT) and Experimental Spectra	Alliance University, Bangalore OP 9, RTAST-2017, 27th Oct 2017.
8	International Conference on New Materials and Arid Land(ICNMAL-2018)	An Experimental (FT-IR, FT-Raman) and Theoretical (DFT)studies on the vibrational spectra of 5-(6 –methyl-benzofuran-3-ylmethyl)-3H-[1,3,4]oxadiazole -2-thione.	St.Joseph's College of Arts & Science ,cudalore 15th & 16th March 2018
9	International Symposium on MCGPD 2019, Chennai.	Spectral Investigations (FT-IR, FT-Raman, NBO, NLO, Molecular geometry, HOMO-LUMO, MEP calculations of 1-[(2R, 4S, 5S)-4-azido-5-(hydroxyl methyl) oxolan-2-yl]-5-methylpyrimidine-2, 4-dione [1] by DFT method	SSN Research Centre, Chennai 26-28th February 2019
10	International Symposium on MCGPD 2019, Chennai.	X-ray and NMR spectral investigation, DFT calculations, Molecular dynamics, physicochemical descriptors, ADME parameters, pharmacokinetic Bioactivity report on 1-[(2R, 4S, 5S)-4-azido-5-(hydroxyl methyl) oxolan-2-yl]-5-methylpyrimidine-2, 4-dione [1]	SSN Research Centre, Chennai 26-28th February 2019
10	WORLD RECORD ATTEMPT	Spectral Investigations (Ft-Ir,Nmr & Uv-Visible), Nbo, Nlo, Molecular Geometry,Mulliken Charges, Homo-Lumo, Mep Calculations And Admet Properties Of 2-(2,4-Difluorophenyl)-1,3-Bis(1,2,4-Triazol-1-Yl) Propan-2-ol By Density Functional Theory Method	ESN Publications, Chennai held on 3rd to 9th September 2020
11	ICOWOBAS, 25th & 26th of August 2021, Indonesia.	Experimental and theoretical analysis for the structural, FT-IR, NLO, NBO and RDG properties of Lindane using DFT Technique,	25th and 26th August 2021,Indonesia accepted in AIP conference proceedings

Book chapter Publication

A computational effort to deciphering putative COVID-19 3C-like protease binders in the selected recipes of Kurdish ethnomedicine: An approach to find an antiviral functional tea. Halgurd Nadhim Mohammeda , Layth Jasim Mohammedb , Isaac Karimib , A. Suvitha, Functional Food Center / Functional Food Health Institute(FFHD), USA. (2020), Scopus.

Patent Details:

1. Application Design Application No.329668-001, (2020) **Granted** Jan 2023
2. Product patent application No.2756832-008, Published on 18th Sep. 2020.
3. Product patent application No.202141026323, filed on 15th June 2021
4. Product patent No.202241005354 published on 11th Feb2022.
5. Product patent Application No.202141043880, published on 28th Sep 2021.
6. Product patent Application filed,MAGLEV LEVITATION FOLDABLE LAMP 202241032195 on 29 April 2022.
7. Design Patent filed Power bank with mobile carry wallet, 382677-001 on 27th March 2023.
8. Design Patent filed Day slot medicine box on 25th July 2023
9.

Reviewer in Below Journals:

1. Spectrochimica ActaPartA: Molecular and Biomolecular Spectroscopy
2. Journal of Molecular Structure
3. Walailak Journal of Science and Technology
4. Applied Physics A
5. Chemical data collections
6. Inorganic and Nano-Metal Chemistry

Affiliations to Professional Organizations:

Name of the Professional Body	Grade of Membership	Number of Membership	Year of Selection
Institute for Engineering Research and Publication (IFERP)	Professional	(PMIN71985032)	2019-2020
Teaching and Education Research Association (TERA)	Life Time	(TERA-M19109)	2019,Life Time
International Association of Advanced Materials(IAAM)	Life time	(82832914714)	2019,Life Time
Member of Centre of Excellence, Material Science, CMRIT	Core Member		2018

Startups and I&E Innovations

S.No	Startup	Registration	Place	Members	
1	Prayogh	International	Bangalore, India	Physics, Chemistry &Maths	High
2	Eco friendly Catalytic Filter for Incinerator	International/ Patent published	Bangalore	Dr.A.Suvitha Dr. Agalya Mrs. Ranjitha	High

Research & Development

Sponsored Research Projects

Sl. No.	Project Title	PI or Co-PI	Project Amount (in INR)	Funding Agency	Outcome, If any
1	Eco friendly Catalytic Filter for Incinerator	PI	30,00000	SERB Power	Under Review
2	**Awards for Research Publications (ARP)**	PI	25,000	VGST	Under Review, final stage
3	Novelty in the creation of innovative pharmaceuticals utilizing CADD by DFT	PI	500000	TECHNOLOGY AND INNOVATION (STI) INTERVENTIONS IN THE STATE, by KSCST	Under Review
4	Young Research Award - 2022-2023	PI	1500000	Tata Fellowship	Applied
5	Quantum computational drug design of selected nanoparticles for immune enhancement	PI	30,0000	Abdul Kalam Technology Innovation National Fellowship	Applied
6	Repurposing of Antiviral 2019-nCoV Drugs using	PI	5,00000	SERB(TARE)	Applied
7	Ligand creativity to counter COVID 19 by Quantum computational	PI	25,00000	DST / Swarna jayanthi 2019-2020 (Physical	Applied

8	Award	PI	100000	VGST(ARP)	Applied
9	Award	PI	100000	VGST(ARP)	Applied
10	Spectroscopic and CADD study of compounds	PI	500000	VGST(RGS/F)	Applied
11	Re purposing of Neurological Drugs using CADD Technique	PI	965548	S. Ramachandran-national	Applied, Selected for final round.
12	Molecular studies on neurological drugs using quantum	PI	38,00001	DST-Swarna Jayanti Fellowships	Applied
13	Spectroscopic and Quantum computationa	PI	21,00000	Scheme for Early career Research	Applied
14	Molecular structure activity on	PI	15,00000	TATA INNOVATION	Applied
15	Molecular reports on neurological drugs	PI	50,00000	Scheme for Funding Industry	Applied
16	Quantum Computational studies of certain	PI	1,00000	Jawaharlal Nehru memorial fund	Applied
17	Molecular structure activity on pharmaceutical applications of certain molecules using	PI	5,30000	Women's Scientist award A scheme	Applied

Professional Roles:

- COE Material Science,
- CMRIT Startup Coordinator
- Development Activities Academic Coordinator
- Newsletter Coordinator
- Calendar of event Coordinator
- NAAC, NBA, Result Analysis
- Coordinator Guiding VTU Phd. Scholars
- Teaching & Training Counseling & Motivation
- Mentoring Students
- Key Planning & Control
- Quantum computational research
- Product & Design Patent Drafting

Personal Profile:

Web link for some more details:

https://sites.google.com/a/cmrit.ac.in/dr-a-suvitha/

Father's Name & occupation	:	Prof. T. Athisaya raja (Retd.)
Husband's Name & occupation	:	G. Rajesh, Creative Lead, Bangalore
Date of Birth	:	3rd August 1982
Sex	:	Female
Marital Status	:	Married
Nationality	:	Indian
Home Address	:	ACES layout, Bangalore.

Contact:

Mobile	:	9632814332
E-Mail	:	suvidanam@gmail.com, suvitha@cmrit.ac.in

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Dr.A. Suvitha