

Curriculum –Vitae

Dr. C.C.SANGEETHA

Assistant Professor (C) (Physics, BS&H)

School of Engineering and Technology

Sri Padmavati Mahila Visvavidyalayam,

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ACADEMIC QUALIFICATIONS

Degree	Board/University	Year of Passing	Specialization/Area
Ph.D	M.S.University,Tirunelveli	June 2017	Material Science
M.Phil	Bharathidasan University,Trichy	Nov 2006	Nanotechnology
M.Sc	Annamalai University, Chidambaram	May 2005	General Physics
B.Sc	Madras University, Chennai	April 2003	General Physics

Ph.D. Topic : Quantum Mechanical Density Functional Theory and FTIR & FT-Raman spectral Analysis of certain Pharmaceutically Active Compounds

(a) Details of NET/GATE/CSIR : -

(b) Details of SET/SLET : -

PROFESSIONAL EXPERIENCE

Organization	Position	Period	No. of Years
School of Engineering & Technology, Sri Padmavathi Women's University, Tirupati-517502.Andra	Assistant Professor	2018-Till Date	2

Pradesh.			
School of Engineering & Technology, Sri Padmavathi Women's University, Tirupati-517502.Andra Pradesh.	Academic Consultant	2014-2016	2
St.Joseph's College of arts and Science (Autonomous), Cuddalore-607 001.Tamilnadu.,	Assistant Professor	2005-2013	8

RESEARCH EXPERIENCE : 9 years

DETAILS OF RESEARCH GUIDANCE:

- Approved M.Phil Guide in Thiruvalluvar University since 2011. **Ref.No.TU/R/M.Phil (PHYSICS)/FT-PT/guideship/sjca/ccs/2010/3149/date/09-03-2011**
- Guided for Eight M.Phil Scholars and Fifteen M.Sc Projects.

RESEARCH PUBLICATIONS:

- **List of Publications in International Journals : 5**
 - National : -
 - International : 5
- **Book Publication : -**
- **Seminars/Workshops Presentations:**
 - National Level : 5
 - International Level : 3

List of Publications:

1. **C.C.Sangeetha**, R.Madivanane. Experimental and theoretical spectroscopic properties of Quinazoline. Asian Journal of Chemistry; Vol 28, No 4 (2016), 844-852.
2. **C.C.Sangeetha**, R.Madivanane, V.Pouchaname, R.Vijaya Prasath. Experimental (FTIR&FT-Raman) and theoretical investigation, Electronic properties of Quinoxaline, Int. Journal of ChemTech Research, Vol 6, No.5 (2014), 2854-2865.
3. **C.C.Sangeetha**, R.Madivanane, V.Pouchaname. The vibrational spectroscopic (FTIR&FTR) study and HOMO&LUMO analysis of 6-Methyl Quinoline using DFT studies, Scholars Research Library, Archives of Physics Research, 2013, 4(3): 67-77.
4. Antidiabetic Activity of Gold Nanoparticles Synthesized Using Wedelolactone in RIN-5F Cell Line, by Vinayagam Ramachandran, Mariadoss Arokia Vijaya Anand, **Casimeer C. Sangeetha** et.al., *Antioxidants* 2020, 9(1), 8; <https://doi.org/10.3390/antiox9010008> - 21 Dec 2019.
5. Polydatin Encapsulated Poly [Lactic-co-glycolic acid] Nanoformulation Counteract the 7,12-Dimethylbenz[a] Anthracene Mediated Experimental Carcinogenesis through the Inhibition of Cell Proliferation, by Sankaran Vijayalakshmi, Arokia Vijaya Anand Mariadoss, Vinayagam Ramachandran, Vijayakumar Shalini, Balupillai Agilan, **Casimeer C.Sangeetha**, et.al, *Antioxidants* 2019, 8(9), 375; <http://doi.org/10.3390/antiox8090375>-05 Sep 2019.
6. Green synthesis of gold nanoparticle using Eclipta alba and its antidiabetic activities through regulation of Bcl-2 expression in pancreatic cell line, by Shalini Vijayakumar, Ramachandran Vinayagam, Mariadoss Arokia Vijaya Anand, Karthikkumar Venkatachalam, Kandasamy Saravanakumar, Myeong-Hyeon Wang, **Sangeetha Casimeer C**, Gothandam KM, Ernest David, *Journal of Drug Delivery Sciences and Technology*, 58(2020), 101786.

List of Workshops/Seminars/Faculty Development Programmes

Attended:

1. Paper presented in National conference on recent advances in molecular structure organized by Aaru padaiveedu Institute of Technology, Vinayaka Mission University in July 2007.

2. Paper presented in International Conference on Globalization- Impact, Challenges and opportunities organized by St.Joseph's College of arts and science, Cuddalore, in March 2008.
3. Participated in International Conference on Nano and Microelectronics organized by Pondicherry Engineering college, Puducherry on 5th January 2008.
4. Participated in 6th National conference on emerging trends in crystal growth and Nano materials organized by Loyala College, Chennai on February 28th&29th 2008.
5. Presented a paper in National conference on advances in material science, organized by St.Joseph's College of arts and science, Cuddalore, in March 2009.
6. Presented a paper in International conference on waves and material science organized by Department of Physics, St.Joseph's College of arts and science, Cuddalore, on 23rd August 2009.
7. Participated in National Conference on New Renaissance in chemical research organized by SRM University, Chennai on 4th March 2011.
8. Presented a paper in National Conference on Impact of Higher Education on women folk organized by Department of chemistry, St.Joseph's College of arts and science, Cuddalore.
9. Participated in International conference on Advanced Materials (ICAM-2012) organized by Loyala College, Chennai held from 5th to 7th January 2012.
10. Participated in International conference on recent trends in Advanced Materials ICRAM-2012 organized by VIT University, Vellore on 20th -22nd February 2012.
11. Presented a paper in International Conference on Emerging Trends in Physics (ICETP-13) organized by Department of Physics, St.Joseph's College of arts and science, Cuddalore, on 21,22 of February 2013.
12. Presented a paper in "AP Science Congress" held at Sri Venkateswara University, Tirupati in 27th-29th January 2016.
13. Participated in "Some Academies lecture workshop on spectroscopic Techniques & Applications in Material Charecterization organized by IASE Bangalore and Department of Chemistry, Sri venkateswara University, Tirupati on February 15th- 17th 2016.

14. Presented a Paper in “National conference on recent advances in materials and molecules “ held at Sri Padmavathi Women’s University, Tirupati-517502 on 22nd and 23rd February 2019.
15. Participated in National Seminar on “Recent advances in material sciences and chemical science” Held at Sri Venkateswara University, Tirupati-517501 on 28th February 2019.
16. Completed a NPTEL Course on Experimental Physics –I conducted by IIT Kharagpur from Jan-April 2019.
17. Completed a NPTEL Course on Solar Photovoltaics Fundamentals, Technology And Applications conducted by IIT Roorkee from July 2019-Aug 2019.
18. Participated in International Symposium on medical and Radiation Physics ISMARP-2020 organized by the Department of Physics, Women's Christian College, Chennai from 20-25th July 2020.
19. Participated in Webinar series on conceptual and applied Physics organized by Sourashtra University, Rajkot from 5th-8th May 2020.
20. Participated in Webinar on Micro & Nanotechnology and its applications organized by GTN Arts college, Dindigul on 14th May 2020.
21. Completed a three days course on Bio Medical Nanotechnology from Indian Academic Researchers Association, Trichy from 7th-9th May 2020.
22. Participated in Webinar on Crystallography and its applications Organised by Er. Perumal Manimekalai College of Engineering on 8th May 2020.
23. Participated in Webinar on NAAC Assessment and accreditation Process and awareness about the NEP 2020.

Faculty Development Programmes

1. Participated in two days staff development programme workshop on research methods organized by St. Joseph’s College of arts and science, Cuddalore, on 11th & 12th of December 2009.
2. Participated in FDP Programme on Foundation Programme in ICT for Education from Sep 13-Oct 18 (42 Days) organized by IIT Bombay.
3. Participated in FDP Programme on Pedagogy For online and blender teaching-Learning Process from Oct 30-Dec 12 (45 Days) organized by IIT Bombay.

4. Participated in FDP Programme on Statistical Mechanics on 25th May-29th May 2020 organized by PSGR Krishnammal college for women, Coimbatore.
5. Participated in the Two Week Faculty Development Program on Advanced Computational and Experimental Research in Physics from 27 July 20 to 8 August 20 organized by SRM IST, Ramapuram Campus, Ramapuram, Chennai-89.

Administrative Positions & Skills:

- Worked as Coordinator for National conference on advances in material science , St.Joseph's College of arts and science, Cuddalore, in March 2009.
- Member in Editorial Board for International conference on waves and material science organized by Department of Physics, St.Joseph's College of arts and science, Cuddalore, in August 2009.
- Board of Studies Member for B.Sc and M.Sc Physics, St.Joseph's College of Arts and science, Cuddalore From 2007-2013.
- Coordinator, Women Empowerment Cell, School of Engineering and Technology, SPMVV from the years 2018 to till date.
- Worked as staff Coordinator for Non Technical Events (VIRINICHI-2020), School of Engineering and Technology, Sri PadmavatiMahilaVisvavidyalayam, Tirupati.
- Ability to initiate new research projects and motivate the students towards the new scopes of Physics.

Personal Details:

Name	Dr.C.C.SANGEETHA
Date of Birth	01/07/2020
Gender	FEMALE
Father's Name	Mr.E.CASIMEER
Religion & Nationality	CHRISTIAN & INDIAN
Marital Status	MARRIED
Languages Known	English (read, write and speak) Tamil (read, write and speak) Telugu (Speak)

Address For Communication	18/37,Military Colony Golla palli check post, Avilala village,Near Uppara palli Tirupati – 517502. Mobile : 9676157126 Email: carosangee@gmail.com
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DECLARATION

I hereby declare that foregoing information is correct and complete to the best of my knowledge and belief.

Tirupati

01/10/2020

Yours sincerely,

(Dr.C.C.SANGEETHA)