



SCOTT CHRISTIAN COLLEGE (Autonomous), Nagercoil.

Department of Chemistry and Research Centre

Name :Dr.G.S.PRABHA LITTIS MALAR

Designation :Assistant Professor

Qualification :B.Sc.,M.Sc.,M.Phil.,Ph.D

Date of Birth :07.07.1986

Gender :Female

Date of Appointment :18.10.2016

Mobile Number :9965134136

Email :jaiprabha246@gmail.com

Approved Guide by :M.S University,Ref.No:MSU/RES/SF/GUIDESHIP/R5/2017

Membership :Indian Society for Technical Education, New Delhi

ISTE-LM 70179



Ongoing Research Scholars : 4

S.No	Name	Title	Reg. No& Date of Commencement	Full time / Part time
1	R. JESLIN RESHI	Molecular Docking and Spectroscopic studies on the Interaction of Bis-Heterocyclic Compounds with Protein Nanoparticles	21213162032047 &31-01-2022	Full time
2	ROSHAN B JOHN	Synthesis, characterization and applications of β -cyclodextrin ZnO-graphene oxidized	22213162031009&5-12-2022	Full time



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		nanocomposites from fruit waste		
3	ANCI R F	Molecular docking, spectroscopic studies and applications of medicinal plants compounds	22213162032015&4-12-2022	Full time
4	ADLIN JANEefa J	Molecular docking, spectroscopic studies and applications of heterocyclic compounds in green chemistry	2213162032012&5-12-2022	Full time

Completed Research Scholars: 3

S.No	Name	Title	Completed year	Reg No	Full time / Part time
1.	R.SUBITHA & Old No.1-70 A, New No:1-206, Ben Villa, Keezha Pammam, Marthandam-629165	Synthesis, Characterisation and Applications of heterocyclic polymers-Silica Nanocomposites	27-07-2021	18213162032014	FT
2	A.ASHA & Novel Laptop store, 313B, 4, KP Road, Near Jeya sekaran Hospital, Nagercoil-629003	Studies on Polymeric Nanoparticles from natural Polymers by various techniques	31-1-2024	18213162032033	FT
3	A.SAHILA GRACE & 5-44 Main road, Nalloor Post-629704	Synthesis, Characterization and Applications of Silica/Graphene Oxide Composites from agricultural sources	11-11-2023	18213162032015	FT



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M.Phil Scholars Guided - 6

S.No	Name	Title	Completed year	Reg No	Full time / Part time
1.	Muthu Lekshmi T	Synthesis and Characterisation of Gold Nanoparticles from Fermented Cow Urine	2018	1720	Part Time
2.	Jacquelin Selva Angel P	Synthesis and Characterisation of Gold Nanoparticles from Solanum Trilobatum Leaf Extract	2018	1718	Part Time
3.	Stanley Bai R	Synthesis and Characterisation of Zinc Oxide Nanoparticles from Carica Papaya Seed Extract	2019	1821	Part Time
4.	Jenish Alex	Production and Testing of Biodiesel from Egg oil	2020	19030	Full Time
5.	Jeslin Reshi R	Synthesis, Characterisation and Applications of Casein Conjugated Gold Nanocomposites	2021	20011	Full Time
6.	Guja JB	Development characterization and antimicrobial activity of casein protein-chitosan blend edible cells	2022	21008	Full time

Awards/Recognition: 4

S.No.	Name of Award	Awarding Agency	Year
1.	Endowment Prize First Rank in M.Phil Chemistry	Scott Christian College(Autonomous),Nagercoil	2010
2.	Class Topper Award in M.Phil	Scott Christian College(Autonomous),Nagercoil	2009
3.	Paper Topper Award in M.Phil	Scott Christian College(Autonomous),Nagercoil	2009
4.	Best Research Paper Award	Scott Alumni Association, Scott Christian College(Autonomous),Nagercoil	2020



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List of Publications: 22

1. R.Subitha,**Dr.G.S.PrabhaLittisMalar**,Removal of heavy metal ions using polyindole-silicananocomposites,Journal ofXidianUniversity,1001-2400,2020,14(3),1143-1152.
2. R.Subitha,**Dr.G.S.PrabhaLittisMalar**,Synthesis andcharacterizationof polypyrrole-silica nanocomposites,Studies inIndian PlaceNames,2394-3114,2020,40(80),19-25.
- 3.R.Subitha, **Dr.G.S.PrabhaLittisMalar**, Synthesis of Nano silica particlesfromOryzasativaHusk,OrientalJournal ofChemistry,0970-020x,2020,36(2), 344-347.
4. A.Sahila Grace, **Dr.G.S.PrabhaLittisMalar**,Synthesis and Characterisation of grapheneoxide from Coconut Husk ash,OrientalJournal ofChemistry,0970-020x,2020,36(2),348-352.
5. A.Sahila Grace, **Dr.G.S.PrabhaLittisMalar**,Synthesisof Silica Nanoparticles from CocosNucifera Huskash,International Journal of Scientific Research andReviews,2279-0543,2020,9(1),293-301.
6. **G.S.Prabha Littis Malar**,Dr.S.Begila David, Synthesis and Characterisation of Novel Citric-acid derivedpolyesters from Linseed Oil. Cibtech Journal of Bio-Protocols,2319-3840,2014,Vol. 3 (2),1-6.
7. **G.S.Prabha Littis Malar**,Dr.S.Begila David,Development ofNovel Citric Acid Based Biodegradable Polyesters fromSesame Oil.International Journal ofChemistry and Applications,0974-3111,2014,Vol 6(2), 133-138.
8. **G.S.Prabha Littis Malar**,Dr.S.Begila David,Synthesis and Characterisationof Novel Citric Acid Based Polyester Elastomers from Sunflower Oil.InternationalJournal of Scientific Research,2277-8179,2014,Vol.3(10), 79-81.
9. **G.S.Prabha Littis Malar**,Dr.S.Begila David,Novel Biomimetic Polyesters from Linseedoil for TissueEngineering Applications,The InternationalJournal of Science and Technoledge,2321-919x,2014, Vol. 2 (10),132-135.
10. **G.S.Prabha Littis Malar**,Dr.S.Begila David,Synthesis and Characterization of BiodegradablePolyesters Basedon Sesame Oil for Biomedical Field.International Journal of Science and Research,2319-7064,2015,Vol. 2(4),1950-1964.



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11. **G.S.Prabha Littis Malar**, Dr.S.Begila David, Studies on Polyester elastomers using Palm Olein for Drug Delivery, International Journal of Scientific Engineering and Applied Science, 2395-3470, 2015, Volume-1, Issue-5.
12. **G.S.Prabha Littis Malar**, Dr.S.Begila David, Studies on Biodegradable Polyesters from Sesame oil for Soft Tissue Engineering, International Journal of Emerging Technology and Advanced Engineering, 2017, 7(9), 126-130.
13. R. Jeslin Reshi, **Dr. G.S. Prabha Littis Malar**, Synthesis, Characterisation and Applications of Casein Conjugated Gold Nanocomposites, International Journal of All Research Education and Scientific Methods (IJARESM), ISSN: 2455-6211, Volume 9, Issue 8, August -2021.
14. R.Subitha, **Dr.G.S.Prabha Littis Malar**, Removal of heavy metal ions using low cost adsorbents, Journal of Critical Reviews, vol 7, Issue 15, 2020, ISSN: 2394-5125.
15. A.Sahila Grace, **Dr.G.S.Prabha Littis Malar**, A Comparative study of nanosilica synthesis from coconut and Rice husk ashes, Journal of Xidian University, volume 15, Issue 4, 2021, ISSN: 1001-2400.
16. A.Asha, **Dr.G.S.Prabha Littis Malar**, Synthesis of Drug loaded egg Albumin cross linking Glutaraldehyde Nanoparticles, Journal of Xidian University, volume 15, Issue 4, 2021, ISSN: 1001-2400.
17. A.Asha, **Dr.G.S.Prabha Littis Malar**, Synthesis of Drug loaded Tapioca Polymeric Nanoparticles, GIS Science Journal, volume 8, Issue 7, 2021, ISSN: 1869-9391.
18. Asha, **Dr.G.S. Prabha Littis Malar**, Synthesis of Insulin Loaded Nanoparticles and Their Antidiabetic Studies, Oriental Journal of Chemistry, 2021, vol.3, no.6, 1458-146
19. Asha, **Dr.G.S. Prabha Littis Malar**, "Preparation, and applications of drug loaded albumin/pectin cross linking nanoparticles "Periodico di Mineralogia, vol. 91, no 3, pp 493-504.
20. Asha .A, **G.S Prabha Littis Malar** "cytotoxicity, antidiabetic and anticancer studies of insulin and curcumin loaded polymeric nanoparticles, " Biomedical and pharmacology journal Vol 15, no 3 pp 1653-1661, 2022.
21. A.Sahila Grace, **Dr.G.S.Prabha Littis Malar**, Preparation, Characterisation and Applications of Chitosan-Nanosilica-Graphene Oxide Nanocomposite, Asian Journal of Chemistry, 2021, vol.33, No.11, 2789-2795.



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22.A.Sahila Grace, **Dr.G.S.PrabhaLittisMalar**, Synthesis, Characterisation of Chitosan /Nanosilica Composite and their Applications of Heavy metal ions Cu(II),Cr(VI) and Pb(II) removal from aqueous solution, Tierarztliche Praxis, vol 42, Issue 3, 2022.

Project Details : Nil

Seminars and Conferences Attended : 44

Title/ Institution	Confere nce/ Seminar / Worksh op/ Symposi um	Level: State/ National/ International	Status of Participation Presentation / Participator	Year
FDP on Development Programme on Learning Management System using moodle, Scott Christian College (Autonomous), Nagercoil	Seminar	Regional	Participator	2020
Research Based Pedagogical Tools, Scott Christian College (Autonomous), Nagercoil	Workshop	Regional	Participator	2020
Research methodology and catalysis in chemical sciences, NMCC, Marthandam	Webinar	National	Participator	2020
Research Capacity Building, V.O.C, Thoothukudi	FDP		Participator	2020
Tutorial on NAAC Accreditation Framework, Stella Maris College (Autonomous), Chennai	Webinar	National	Participator	2020



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Advanced Functional Materials for Biomedical and Energy, Loyola College, Chennai	Webinar	International	Participator	2020
Human Footprint on the Environment, Shri Nehru Maha Vidyalaya College, Coimbatore	Webinar		Participator	2020
Emerging Trends in Chemistry Education and Research, Wilson College, Mumbai	Webinar	International	Participator	2020
National workshop on Development of Teachers e-kit-chemistry, Guru Angad Dev Teaching Learning Centre SGTB Khalsa College, University of Delhi	Webinar	National	Participator	2020
GChem paint and Libre Office Suite Writer, D.K.M College for Women, Vellore	FDP		Participator	2020
Human Excellence is our Life Breath, Nirmala College for Women, Coimbatore	FDP		Participator	2020
Value Based Education-2020, Scott Christian College, Nagercoil	Conference	National	Participator	2020
Mr. K.M. George-Second Endowment Lecture, Scott Christian College, Nagercoil	Endowment Lecture		Participator	2020
Chemistry in our Day-to-day life, Jamal Mohamed College, Tiruchirapalli		National	Participator	2020



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Sustainable Materials and Technologies, Vivekananda College of Arts and Sciences for Women, Tiruchengode, Nammakal	FDP		Participant	2020
Role of Nanomaterials in Electrochemical Devices and Photocatalysis, Dr. M.G.R Educational and Research Institute, Chennai	Webinar	National	Participant	2020
Green Chemistry, Sadakathullah Appa College, Tirunelveli	Webinar	International	Participant	2021
Innovation Research in Chemical Sciences: Polymers in Electronics, Scott Christian College, Nagercoil	Conference	International	Participant	2021
Adverse Health Effects of Micro Plastics, Mahendra Arts and Science College	Webinar		Participant	2021
Group theory & its applications in Chemistry, NMCC Marthandam	Seminar (UGC sponsored)	National	Participant	2019
Expanding Frontiers in Chemistry, Arul Anandar College (Autonomous), Karumathur	UGC Sponsored Conference	International	Participant	2019
Modern trends in Chemical Sciences, Scott Christian College (Autonomous), Nagercoil.	Seminar	National	Presentation	2019
Non power applications of nuclear energy, Scott Christian College (Autonomous), Nagercoil	Seminar	National	Participant	2019
Workshop on Outcome based	Workshop	State	Participant	2019



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Education organized by IQAC				
Seminar on Climate Action for Peace organized by CSI.Kanyakumari Diocese and ScottChristianCollege (Autonomous),Nagercoil	Seminar	Regional	Participator	2019
Entrepreneur Skill Development Training in “Preparation of Simple Chemical Products” at ScottChristianCollege (Autonomous),Nagercoil	Workshop	Regional	Participator	2019
Sixth Parker Memorial Lecture on “MarunthillaMaruthuvam” ScottChristianCollege (Autonomous),Nagercoil	Seminar	Regional	Participator	2019
Ethics and Values in Higher Education Jointly organized by Globethics.net India and ScottChristianCollege(Autonomous),Nagercoil.	Conference	National	Participator	2019
National Seminar on Recent Advances in Chemistry (CHEM-RAC-2018),HolyCrossCollege (Autonomous),Nagercoil,	Seminar	National	Participator	2018.
Nineth All India Conference on Scott Research Forum, ScottChristianCollege (Autonomous),Nagercoil.	Conference	National	Participator	2017
Recent Trends in NanoScience,Scott Christian College(Autonomous), Nagercoil	Seminar	National	Participator	2017
Workshop on Green and Sustainable Chemistry, ScottChristianCollege (Autonomous),Nagercoil,	Workshop	National	Participator	2019



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Workshop on Human Value Education, Scott Christian College (Autonomous), Nagercoil	Workshop	National	Participant	2018
Frontiers in Chemistry, Scott Christian College (Autonomous), Nagercoil	Seminar	National	Participant	2018
Entrepreneurship Awareness Camp organized by Centre of Entrepreneurship Development (Tamilnadu), Scott Christian College (Autonomous), Nagercoil.	Workshop (Ministry of Science and Technology)	National	Participant	2018
Innovative Strategies In Astro and Synthetic Organic Chemistry, Holy cross college (autonomous) Ngl	conference	International	participant	2023
14 th All India Conference organized by the Scott research forum,	Conference	National	participant	5 th and 6 th March 2024
Mr. M. GEORGE SIXTH ENDOWMENT LECTURE	Seminar		Participant	2023
International conference on chemistry for next generation application, Dept of chemistry, Sri Sivasubramaniya Nadar college of Engineering, Kalvakkam, Chennai	Conference	International	Participant	24 th and 25 th September 2021
National seminar on ethics of sustainability and environmental justice, Scott Christian college	Seminar	National	participant	2023
International seminar on "Technology Advanced Materials (ISTAM)"	Seminar	International	Participant	2019
UGC sponsored National conference on material in	Conference	National	participant	2019



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sustainable chemistry in Sadakathullah Appa College, Thirunelveli				
International seminar on "Biodiversity and climate change in scott Christian college	seminar	International	Participator	2019
UGC sponsored International conference on Innovative research in chemical science	conference	International	Participator	2019
Prof.R.NITHYANANDHAM INAGURAL ENDOWMENT LECTURE	Seminar		participator	2022
Innovative Strategies In Astro and Synthetic Organic Chemistry, Holy cross college(autonomous) Ngl	Conference	International	Participator	2023
Online international Conference on Innovation Research in Chemical sciences: Polymers in Electronics, scott Christian college	conference	international	participator	2021
International conference on biomaterials, Biodegradables and Biomimetics, Scott Christian college,Ngl	conference	International	Participator	2024



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Papers Presented in National/International Conferences and Seminars: 18

Title/ Institution	Conference/ Seminar/ Workshop/ Symposium	Level: State/ National/ International	Status of Participation Presentation/ Participant	Year
A Comparative Studies of Drug Loaded Xanthumgum/Chitosan Nanoparticles and Applications, Scott Christian College, Nagercoil	Conference	International	Presentation	2021
Expanding Frontiers in Chemistry, ArulAnandar College (Autonomous), Karumathur	UGC Sponsored conference	International	Presentation	2019
Modern trends in Chemical Sciences, Scott Christian College (Autonomous), Nagercoil.	Seminar	National	Presentation	2019
Online international Conference on Innovation Research in Chemical sciences: Polymers in Electronics, Scott Christian college	conference	international	presentation	2021
The role of nuclear energy in sustainable development and solution to climate change, Infant Jesus College of Arts and Science For Women, Mulagumoodu	seminar	state	presentation	2023
National seminar on ethics of sustainability and environmental justice, Scott Christian college	Seminar	National	participant	2023



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National seminar on ethics of sustainability and environmental justice, scott Christian college	Seminar	National	presentation	2023
Innovative Strategies In Astro and Synthetic Organic Chemistry, Holy cross college(autonomous) Ngl	Conference	International	Presentation	2023
International conference on biomaterials, Biodegradables and Biomimetics, Scott Christian college,Ngl	conference	International	Presentation	2024
International conference on biomaterials, Biodegradables and Biomimetics, Scott Christian college,Ngl	conference	International	Presentation	2024
14 th All India Conference organized by the scott research forum ,scott Christian college	conference	National	presentation	2024
International conference on chemistry for next gen application, Dept of chemistry,Sri Sivasubramaniya Nadar college of Engineering, kalvakkam,chennai	Conference	International	presentation	24 th and 25 th September 2021
International seminar on "Technology Advanced Materials(ISTAM)	Seminar	International	Presentation	2019
UGC sponsored National conference on material in sustainable chemistry in Sadakathullah Appa College, Thirunelveli	Conference	National	presentation	2019
International seminar on "Biodiversity and climate change in scott Christian college	seminar	International	presentation	2019



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UGC sponsored International conference on Innovative research in chemical science	conference	International	presentation	2019
Mr.M.GEORGE SIXTH ENDOWEMENT LECTURE	Seminar		presentation	2023
14 th All India Conference, Scott Christian college, JB.Guja	conference	National	Presentation	2024
National seminar on ethics of sustainability and environmental justice, scott Christian college	Seminar	National	presentation	2023

Seminar/Conference Organised: 7

S.No	Title	Seminar/ Conference	State level/ National/ International
1.	Organising Member in the National Seminar on Recent Trends in Nano Science On 23 rd August 2017 organised by the Department of Chemistry & Research Centre, Scott Christian College Nagercoil.	Seminar	National
2.	Organising Member in the National Seminar on Frontiers in Chemistry on 12 th March 2018 organised by the Department of Chemistry & Research Centre, Scott Christian College Nagercoil.	Seminar	National
3.	Organising Member in the workshop on Green and sustainable Chemistry on 6 th February 2019	Workshop	



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	organised by the Department of Chemistry & Research Centre, Scott Christian College Nagercoil.		
4.	Coordinator in the Webinar 'How to strength our Innovation through Intellectual Property Rights' on 21 st June 2021 organised by the Department of Chemistry & Research Centre, Scott Christian College Nagercoil..	Seminar	State
5.	Organising Secretary in the Conference on Innovation Research in Chemical Sciences:Polymers in Electronics,Scott Christian College,Nagercoil	Conference	International
6.	Convenor for conducting the Online vocal Patriotic song competition conducted by the Department of Chemistry on the occasion of 75 th Independence day celebration	Online vocal Patriotic song	State
7.	Coordinator for MOU &Skill Development Programme on 18.03.2022	MOU	National

Served as Doctoral Committee Member: 1

1. Florina Solomon S,Reg.No.21213162032018,24.01.2022

Served as Resource Person:

1. *Entrepreneurship and Professional Skill Development Programme conducted by youth welfare ,Scott Christian College.(Funded by Rajiv Gandhi National Institute of Youth Development)



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Additional Responsibilities:

- *The Coordinator for Department activities and successfully conducted State Level Conference and International seminars for the promotion of entrepreneurship.
- *Appointed as the mentor of the students.
- *Participated in the Faculty Development Programme on Learning Management System Using Moodle (25.2.2020).
- *Participated in the Practical session on “Evaluation of Outcome Attainment” organized by IQAC on 22-3-21.
- *Participated in conference on Ethics and values in Higher Education organized by Globethics.net India.
- *Participated in Entrepreneurship Awareness Camp organized by CED, Tamilnadu, sponsored by Ministry of Science and Technology, New Delhi.
- *Participated in Regional Workshop on Research Based Pedagogical tools organized by the Department of Science and Technology, Govt.of India and IISER, Pune (MHRD, Govt. of India).
- *Two weeks Faculty Development Programme on “Managing Online Classes and Co-creating Moocs” from 20.4.2020 to 6.5.2020 organised by Ramanujan College, University of Delhi sponsored by MHRD, PanditMadan Mohan Malaviya, National Mission on Teachers and Teaching.
- *Participated many national and international seminars/conferences, FDP Programme etc...



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Declaration

I hereby declare that the information given above is true to the best of my knowledge and belief.

Yours faithfully

Nagercoil

Dr.G.S.Prabha Littis Malar