Name	:	Dr.G.Allen Gnana Raj
Gender	:	Male
Designation	:	Associate Professor
Department	:	Chemistry
Date of Birth	:	17.07.1964
Date of Appointment	:	02.01.1998
Mobile Number	:	9487311237
E-mail	:	allengraj@gmail.com
Profile URL	:	https://vidwan.inflibnet.ac.in//profile/124103
Orcid Id	:	0000-0001-6736-3963
Qualification	:	M.Sc, Ph.D
Approved Guide	:	Manonmaniam Sundaranar University, Tirunelveli.
		Bharathiar University, Coimbatore.
		Annamalai University, Chidambaram.

- Conducted the PhD viva voce Examination of **Ms. Jone Celestina** whose thesis title, Development of Novel Chelating Chromophore for sensing and biological Application.
- PhD vivavoce Examination of the Scholar **Ms. Lydia** with thesis entitled, Photodegradation studies of Organic Pollutants using Titania based Photocatalysts held on 10th June 2022 at Eastaff hall
- Coordinator for Prof. R. Nithyanandham second Endowment Lecture held on 27th Jan 2022.
- Convenor for two day Awareness Program on Atoms in on 110th ,11th August 2022 the service of the nation
- Scrutinizing member as a subject expert in Chemistry for CAS held on 24th Feb 2023 at ST Hindu College, Nagercoil
- Doctoral Committee member of Ms. D. Sonia, Research Scholar of Dr. C. Isac Sobana Raj, NMCC.
- Question Setter for B. Sc Chemistry , Annamalai University for Nov 2022 Semester examination

Coordinator for the Examinations conducted by

- Annamalai University
- Tamilnadu Open University

- Alagappa University
- Tamilnadu University of Teacher Education
- Indian Institute of Chartered Accountant

Other Responsibilities

- Appointed as Member-Secretary for academic council from 14.09.2023
- Appointed as the Dean of Inter Institutional Relations from 14th September 2023.
- Participated in the scrutinizing committee as subject expert in Chemistry for CAS in Pioneer Kumaraswamy College, Nagercoil on **22.09.2023.**
- Participated in the scrutinizing committee as subject expert in Chemistry for CAS in ST Hindu College, Nagercoil on **30.06.2023.**
- Organizing secretary for National Conference on Biomaterials at SCC Nagercoil on 21-04-2023.
- Participated in the scrutinizing committee as subject expert in Chemistry for CAS in Nesamony Memorial Christian College, Marthandam on **22.03.2022.**
- Participated in the scrutinizing committee as subject expert in Chemistry for CAS in ST Hindu College, Nagercoil on **06.04.2022.**
- Subject expert in selection committee meeting on **20.08.2019** at St. Jude's College, Thoothoor for selection of Assistant Professor in Chemistry Department.
- Coordinator to conduct Departmental Examinations, **Dec 2020** at Scott Christian College(Autonomous),Nagercoil.
- Subject Expert of interview committee to prepare the panel of contractual part-time teacher for the academic year **2015-2016**,at Kendriya Vidhyalaya, Konam, Nagercoil.
- Subject expert in selection committee meeting to select faculty members for FDP Programme on **25.09.2014** at Holy Cross College(Autonomous),Nagercoil.
- Subject expert in selection committee meeting to select faculty members for FDP Programme on **06.08.2014**, Adhithanar College of Arts & Science,Tiruchendur.
- Dean of Placement & Industry Corporation Relation of Scott Christian College from **18th March 2022.**
- Reviewer of Avion, Multidisciplinary Article, Annai Velankanni College, Tholayavattom **29.08.2016.**
- Subject expert in selection committee meeting on **26.08.2014** at Lekshipuram College of Arts & Science,Neyoor, for selection of Assistant Professor in Chemistry Department.
- Subject expert in selection committee meeting to select project fellow in the UGC Major Project on **21.09.2012** at Women's Christian College,Nagercoil.

Board of Studies

Board of study member in Chemistry for Sadakathullah Appa College ,Palayamkottai with effective from **14.03.2022.**

External Subject Expert, Board of studies for B.Sc Chemistry, Sourashtra College(Autonomous),Madurai on **18.03.2020.**

External Subject Expert, for UG, PG, M.Phil Syllabus Ayya Nadar Janaki Ammal College,Sivakasi, **on 03.03.2020.**

External Subject Expert, Board of studies Holy Cross College,Nagercoil, **11.12.2015.**

External Subject Expert, Board of studies Holy Cross College,Nagercoil,**15.12.2014.**
External Subject Expert, Board of studies Holy Cross College, Nagercoil **08.01.2014**.
External Subject Expert, Sarah Tucker College, Tirunelveli from **19.10.2012 to 18.10.2014.**
Member, Board of studies ,Manonmaniam Sundaranar University,**22.02.2013**.
Member, Board ofstudies , Manonmaniam Sundaranar University,**30.05.2012.**
Additional Examiner for Valuation, PG Board Third week of May **2008.**

Examiner

Conducted PG Chemistry Practical Examination, at Holy Cross College(Autonomous) on **25.03.2015.**
Conducted PG project Viva Voce Examination on **27.03.2015.**
Conducted PG Chemistry Practical Examination, at Holy Cross College(Autonomous) on **26.03.2014.**
Conducted PG Chemistry Practical Examination, at Holy Cross College(Autonomous) on **18.04.2013.**
External Examiner for B.Sc Chemistry Practical Examination held at Nesamony Memorial College Marthandam, from 21.03.2011 to 29.03.2011. at MSU from 23.12.2008 to 30.12.2008.
Controller **27.6.2017 to 29.11.2021.**
Assistant Controller **07.10.2011.**
Member, Academic Staff council, **05.052012.**

High Achiever award **2003.**

Ph.D awardees

S.No.	Reg.No	Name	Title	Viva voce date	Mode of Registration
1.	2231	Mrs. J. Prema Kumari	Photophysical behaviour of some selected organic Fluorophores in alpha Cyclodextrin	23.05.2011	Part-Time Internal
2.	2264	Mrs. S. Begila David	Studies on the Development of Polymeric Materials from Renewable Plant Products	02.05.2011	Part-Time Internal
3.	2467	Mrs. J. Shakina	Studies on Biodegradable Ecofriendly Biopolymers from Renewable Natural Resources	21.10.2013	Part-Time External
4.	2598	Mrs. T. Jothi Stella	Studies on biopolyester polymers from Renewable Resources	11.04.2012	Part-Time External
5.	2681	Mrs. G. Shanthi	Studies on the effect of background radiation on the natural edible items and estimation of ingestion dose to the population of Kanyakumari District of Tamilnadu	18.11.2010	Part-Time External
6.	R-Ph.D E 2008-0050	Mr. K. Esai Selvan	Population dose resulting from combined routes of exposure of radiation in the residents of natural high background radiation areas of Kanyakumari District In Tamilnadu	18.03.2016	Part-Time External
7.	3051	Mrs. V. Gnana Glory Kanmani	Photodegradation of Organo phosphorus Insecticide Chlorofos and its Residual Effect In the Environment	21.03.2014	Full Time FDP

8.	3065	Mrs. P. Mary Saroja	Studies on Radioactive Radiations Heavy Metal accumulation and changes in Biomolecules of Selected Seaweeds of Southern Coast of Tamilnadu	16.04.2013	Full Time FDP
9.	3135	Mr. M. Princely John	Studies on the impact of Fluoride Toxicity on Some Growth Parameters of Groundnut(ARACHIS HYPOGEAE VAR-TMV-7	26.02.2018	Part-Time External
10.	3553	Mrs. Sheeba Daniel	Photophysics and Photochemistry of Ruthenium(II)Polypyridyl Complexes in Homogeneous and Microheterogeneous Medium	19.06.2014	Full time (NET-JRF)
11.	3554	Mr. D.R. Soban Kumar	Studies on Microemulsion of Vegetable Oils Encapsulated with Nanoparticles of Bioactive Natural Molecules	12.07.2019	Part-Time External
12.	3672	Mr. D.P. Abilash	Integrated Environmental Assessment on the Fresh Water System of Neyyar River, Kerala	30.11.2017	Part-Time Internal
13.	3673	Mrs. S. Viola Rose	Evaluation of water qualities of underground water with special reference to fluoride content in Vilavancode Taluk, Kanyakumari District	19.04.2013	Part-Time Internal
14.	R-Ph.D-E 2009-1058	Mr. V. Shaji Varghese	Design of highly ordered and Bimetallic Mesoporous Silicates as effective Green Catalysts for the synthesis of Pharmceutical intermediates	30.08.2013	Part-time External
15.	4050	Mrs. E.K. Kirupa Vasam	Integrated Management of Azodyes Using Photo and Bio Degradation Systems	06.12.2013	Part-Time Internal
16.	4122	Mrs. A. Jepa Malar	Investigations on the Photolysis of 2,2'-dinitrodiphenylmethanes	18.12.2013	Part-Time Internal
17.	2397	Mr. C. Isaac Sobana Raj	Studies on metal complexes with functionalized polymers from cardanol	03.10.2012	Full time FDP
18.	5968	Sunila Vasi	Crystal growth and characterization	30.07.2014	part-time internal
19.	9076	Mrs. P. Buela Nesa Kumari	Photocatalytic Degradation of Aquatic Pollutants by modified Titania	12.09.2018	Part-time External
20.	9288	Mrs. T. Sumitha Celin	Photophysics and Photochemistry of metal polypyridyl complexes	09.12.2019	Part-Time Internal
21.	10124	Mrs. B. Malini	Photocatalytic degradation ofa pollutant using titania supported Metallic catalyst.	06.01.2020	Part-Time External
22.	11087	Mrs. M. Jeba Jeeva Rani	Photocatalytic and Biodegradative Investigation of Rhodamine B Using Modified Metal Free Graphitic Carbon Nitride Composites and Selected Bacterial Strains	19.07.2018	Full time

23.	2E+13	Ms. K.L. Sree Vidhya	Green Synthesis and structural Characterzation of Pure and Matal Doped Manganese Oxide nana particles ,A study on the Effect of concentration of dopant in the properties	ongoiing	Full Time
24.	2.00E+13	Ms. C. Lydia	Photodegradation studies of organic Pollutants using Titanium based Photoatalysts	10.06.2022	Full Time
	2.11132E+13	N S Sushmi	Synthesis, Characterization and Photocatalytic degradation Studies Of non Metal Doped TiO_2 On Organic Pollutants	ongoiing	Full Time
		J Mary Juli Jenisha	Photodegradation Of Organic Pollutants Applying Metal-Metallods Doped Catalyst	ongoiing	Full Time

ADMINISTRATIVE/OTHER EXPERIENCE

Name of the Organization	Designation	Joining Date	Relieving Date	Years	Months
Scott Christian College	Assistant Controller of Examination	07-10-2011	26-06-2017	5	8
Scott Christian College	Controller of Examination	27-06-2017	29.11.2021	4	5
Scott Christian College	Dean of Placement &Industry Corporation Relation	18.03.2022			
Scott Christian College	Dean of Inter- Institutional Relationship				

Publications of Dr. G. Allen Gnana Raj from 1992-2024

1.	Photocatalytic treatment of N-Nitrosomorpholine by undoped TiO2-ZnO & Si-doped TiO2-ZnO nanocatalyst,J.Mary Juli Jenisha,**G.Allen Gnana Raj**, Indian Journal of Chemical Technology,2024,31(2),240-247.
2.	Luminescence quenching studies of $[Ru(dMeObpy)_3]^{2+}$complex by quinone derivatives - effect of micelles, T. Sumitha Celin, **G. Allen Gnana Raj,** Journal of Particle Science and Technology, 2023,9(1),35-42
3.	Sonophotocatalytic Treatment Of Hexamethyl Pararosaniline Chloride Degradation By Cobalt-Doped Titanium Dioxide-Zinc Oxide Photocatalyst **G.Allen Gnana Raj** ,J.Mary Juli Jenisha, International Journal of Creative Research Thoughts 12 (1), d117-d123.
4.	Luminescence quenching studies of $[Ru(dMeObpy)_3]^{2+}$complex by quinone derivatives - effect of micelles, T. Sumitha Celin, **G. Allen Gnana Raj,** Journal of Particle Science and Technology, 2023,9(1),35-42
5.	Green synthesis, characterization, antimicrobial studies of NiO nanoparticles and enhanced photocatalytic degradation of organic pollutant, Kalyanasundaram Indhu, **Thangadurai Sumitha Celin*,** George Allen Gnana Raj, *Romanian Journal of Ecology & Environmental Chemistry, 5(2), 2023,41-49,https://doi.org/10.21698/rjeec.2023.204*
6.	Effective Degradation of Rh-B over Metal Free Graphitic Carbon Nitride/Amide Composite Photocatalyst, G.Allen Gnana Raj, M. Jeba Jeeva Rani, Journal of Emerging Technologies and Innovative Research,2023,10(3),1-10
7.	Novel synthesis and photocatalytic activity of polymer doped g-C3N4 composite photocatalyst, **G.**

	Allen Gnana Raj, M. Jeba Jeeva Rani, Asian Journal of Research in Chemistry and Pharmaceutical Sciences,2023,11(1),1-8.
8.	A study of Binding of DNA extracted from onion with Ruthenium polypyridyl complexes, Abisha, T. Sumitha Celin, **G. Allen Gnana Raj**, *Research Journal of Chemical Sciences*, vol 12(3),20-24, Oct 2022.
9.	Preparation and solar assisted photocatalytic performance of Ag- doped ZnO for Rose Bengal dye degradation, B.Malini, **G.Allen Gnana Raj**, International Research Journal of Modernization in Engineering Technology and Science,**2021**,3(2),1231-1238.
10.	Binding study of novel Ru(II) Bipyridine Benzoyl Picolinic acid complex on E.Coli genomic DNA, Santhiya. S, Sheeba Daniel, Sumitha Celin.T**, Allen Gnana Raj**.G, Crossian Resonance, **2021**, vol12(1), 87-95.
11.	Photoinduced Electron Transfer Reactions of tris(4,4'-dimethoxy-2,2'-bipyridyl)ruthenium(II) cation with quinones in aqueous medium, T. Sumitha Celin, **G. Allen Gnana Raj,** Advanced Materials Letters, 11(1), **2020, pp**
12.	Luminescence quenching of tris(4,4′-dimethyl-2,2′-bipyridyl)ruthenium(II) complex with quinones in aprotic polar medium, T. Sumitha Celin, **G.Allen Gnana Raj,** Indian Journal of Chemistry, 59A, **2020,** 923-928.
13.	Basic Fuchsine Dye Degradation using (1:3, 1:4) N-TiO_2 Photocatalysts, C.Lydia, **G.Allen Gnana Raj,** IJASRM, 4(11),**2019**.
14.	Photodegradation of Basic Fuchsine Dye using Sulphur doped Titanium Dioxide Photocatalysts, C.Lydia, **G.Allen Gnana Raj,** IJASRM, 4(10),**2019**.
15.	Photodegradation of Basic Fuchsin Dye using Titanium Dioxide doped with Nitrogen Photocatalysts, C. Lydia, **G.Allen Gnana Raj** ,IJASRM, 4(9), **2019**.
16.	A review on photodegradation of various dyes using photocatalysts, C. Lydia, **G.Allen Gnana Raj,** IJASRM, 4(7),**2019**.37-42.
17.	Synthesis and Characterization of Photocatalyst for the Photodegradation Process Of Detergent for Potential Applications , International Journal of Advanced Scientific Research and Management, , C.Lydia, **G. Allen Gnana Raj** ,Special Issue 4, pp.35-40, **2019**
18.	A Study on the Binding Interaction of $[Ru(bpy)_3]^{2+}$ complex with quinones in neutral micellar medium, T. Sumitha Celin,**G. Allen Gnana Raj,** International Journal of Advanced Scientific Research and Management, Volume **4,** Year **2019,** Pages 72-76
19.	Micellar Effect on Photoinduced Electron Transfer Reactions of Ruthenium(II)Polypyridyl Complexes with Quinones: Effect of CTAB, T. Sumitha Celin, **G. Allen Gnana Raj**, Open Journal of Inorganic Chemistry, **2019**, 9, pp.1-10.
20.	Photocatalytic Degradation of Basic Fuchsine Dye Using 1:3, 1:4 Sulphur Doped Titanium Dioxide Catalyst, C. Lydia, **G. Allen Gnana Raj,** Think India Journal, 22(19),**2019**.
21.	Binding of tris(4,4'-dimethoxy-2,2'-bipyridyl)ruthenium(II) Cation with Quinones in 50% Aqueous Acetonitrile, T.SumithaCelin, **G. Allen Gnana Raj**, J. Adv. Chem. Sci, 5(1), **2019**,pp.609-611.
22.	Effect of Oxygen on Photoinduced Electron Transfer Reactions of Ru(II) Polypyridyl Complex with Quinones in 50% Aqueous Acetonitrile and Aqueous Medium, T.Sumitha Celin, **G. Allen Gnana Raj**, Int. J. Res. Chem. Environ, **2019** ,9(1) ,11-15.
23.	Luminescent Quenching studies of tris(2,2'-bipyridyl)Ruthenium (II) cation with Quinones in aprotic polar medium, T. Sumitha Celin, **G. Allen Gnana Raj**, Crossian Resonance, 10(2), **2019**, pp.112-120.
24.	Process for the production of Phytostanols from soybean oil deodorizer distillate, D.R.Sobhan Kumar, J.Christudhas, **G.Allen Gnana Raj**, International Journal of Sciences and Applied Research, **2018**,5(1),18-24
25.	Binding Studies of Ruthenium(II) Polypyridyl Complexes with Quinones in Triton X-100, T.SumithaCelin, **G. Allen Gnana Raj**, Chemical Science Transactions, **2018**,7(4),703-707

26.	Binding of Ruthenium (II) Polypyridyl Complexes with Quinones in DMF,T.SumithaCelin, **G.AllenGnana Raj**, International Journal of Chemical and Physical Sciences, **2018**, 7(4),23-27.
27.	Synthesis,Characterization and Photocatalytic Activity of Cobalt Doped TiO_2Nanaphotocatalysts for Rose Bengal Dye Degradation under Day Light Illumination, B. Malini**, G. Allen Gnana Raj**, Chemical Science Transactions, **2018**,7(4),687-695
28.	C,N and S-doped TiO_2-characterization and photocatalytic performance forrosebengal dye degradation under day light,B. Malini, **G. Allen Gnana Raj**,Journal of Environmental Chemical Engineering, **2018**,5763-5770
29.	Effect of solvent on the Luminescence Quenching of Ruthenium(II)Polypyridyl Complexes with Polyphenols,Sheeba Daniel, **G. Allen Gnana Raj**,Journal of Chemical and Pharmaceutical Research,2018,10(4),10-15
30.	Synthesis And Characterization Of Schiff Base Metal Complexes Of Zr(IV) And Th(IV) Using (DFMPM) And L-Alanine, A.Anusha, C. Isac Sobana Raj,**Allen Gnana Raj G** , International Journal of Engineering and Science Invention (IJESI),**2018**,7(8),35-42
31.	Synthesis and Characterization of Bioactive Transition Metal Complexes of Cu(II), Co(II) and Ni(II) using DFMPM and 1,4-Diamino Butane, A.Anusha, C.Isac Sobana Raj, **Allen Gnana Raj G**, International Journal of Research in Chemistry and Environment,**2018**,8(3), 9-16
32.	Binding Studies of Ruthenium (II) Polypyridyl Complex with Quinones in Aprotic Polar Medium, T.SumithaCelin, **G. Allen Gnana Ra**j, International Journal of Innovative Research in Science, Engineering and Technology, **2017**, 6(3), 1478-1483
33.	Micellar Effect on the Photoinduced Electron Transfer Reactions of Ruthenium (II)-Polypyridyl Complexes with Quinones, T. SumithaCelin**, G. Allen Gnana Raj,** Journal of Chemical and Material Research, **2017**, 6 ((2,3)), 31-36
34.	Spectrophotometric Characterization of Ruthenium (II)-Polypyridyl Complexes with para Quinones in aqueous medium, T.SumithaCelin**, G. Allen Gnana Raj**, International Journal of Advanced Research, **2017,** 5 (2), 843-847
35.	Importance of hydrophobic interactions on the luminescence quenching of Ru(II)-polypyridyl complexes with phenolic acids and quercetin in Triton X-100, Sheeba Daniel, **G. Allen Gnana Raj**, Journal of Chemistry and Materials Research, **2017**, 6 (2,3), 37-45
36.	Effect of pH on the binding of tris(2,2'-bipyridyl)ruthenium(II) complex with polyphenols in aqueous medium, Sheeba Daniel, **G. Allen Gnana Raj**, International Journal of Latest Trends in Engineering and Technology, **2017**, 40-44
37.	Luminescence quenching of tris(4,4'-dinonyl-2,2'-bipyridyl)ruthenium(II) cation with phenolate ions in DMSO, Sheeba Daniel, **G. Allen Gnana Raj**, Arabian Journal of Chemistry, **2017**, 10 (1), S2429-S2435
38.	Quenching of tris(4,4'-dinonyl-2,2'- bipyridyl)ruthenium(II) complex with gallic acid and quercetin in DMSO, Sheeba Daniel, **G. Allen Gnana Raj**, International Journal of Latest Trends in Engineering and Technology, **2017**, 22-29
39.	Binding of ruthenium(II)polypyridyl complexes with Gallic acid and Quercetin in Triton X-100, Sheeba Daniel, **G. Allen Gnana Raj**, Crossian Resonance, **2017**, 8(2), 144-150
40.	Experimental Studies of Photocatalytic Degradation of Rhodamine B by Doped Titania under Solar Light Radiation, P. BuelaNesaKumari, **G. Allen Gnana Raj**, International Journal of Science and Research (IJSR), **2017**,6 (9) 206-210
41.	Synthesis, Characterization and Photocatalytic Activity of Amino Acid Doped Metal Free g-C_3N_4 Composite Photocatalyst, M. JebaJeeva Rani, **G. Allen Gnana Raj**, International Journal of Engineering and Advanced Technology, **2017**, 6 (3), 170-175
42.	Visible Light Driven Photocatalytic Activity of Modified Glutamic Acid g-C_3N_4 and Polyaniline - g-C_3N_4- Composites, M. JebaJeeva Rani, **G. Allen Gnana Raj**, International Journal of Engineering Trends and Applications (IJETA), 2017, 4(6), 24 -32
43.	Modification of Metal FreeOrganic Semiconductor Graphitic Carbon Nitride Photocatalyst by

	Codoped with Diamide, M. JebaJeeva Rani, **G. Allen Gnana Raj**, Indian Journal of Advances in Chemical Science**, 2017**, 5(2), 86 - 91
44.	Visible Light induced Photocatalytic Degradation of Rhodamine B Dye using Nitrogen SulphurCodoped TiO_2 Photocatalyst, P. BuelaNesaKumari**, G. Allen Gnana Raj**, Journal of Chemistry and Chemical Sciences**, 2017**, 7(11), 952 - 960
45.	Photocatalytic degradation of synthetic Dye Rhodamine B to environmentally Non-toxic products under solar light using Doped TitaniaNanoPowder synthesized by Sol-gel method, P. BuelaNesaKumari**, G. Allen Gnana Raj**, Asian Journal of Research Chemistry, **2017**, 10(6),1- 6
46.	Preparation of a New Carbon /g-C_3N_4 composite and its photocatalytic activity, M. JebaJeeva Rani, **G.AllenGnana Raj**, International Journal for Research in Applied Science and Engineering Technology (IJRASET), **2017**, 5(12), 17- 23
47.	Zn(IV) and Th(IV) complexes with Schiff Base Ligands:Synthesis,Characterization, Antimicrobial Studies, Bismi S Prakash,IsacSobana Raj, **G.AllenGnana Raj**, Internal Refereed Journal of Engineering and Science (IRJES**), 2017**, 6(10), 43-53
48.	Synthesis, Characterization of Zirconium and Thorium SchiffBase Complex and its spectral and biological Nature,Bismi S Prakash,IsacSobana Raj, **G.AllenGnana Raj**, IOSR Journal of Engineering (IOSRJEN),**2017**,7(11),26-36
49.	Environmental Application of Photochemical Method for the Degradation of Rhodamine B Dye in Aqueous Media Using Modified Titania, P. BuelaNesaKumari, **G.Allen Gnana Raj**, Chemical Science Transactions, **2016**, 5 (2), 514-522
50.	Effect of Fluoride and Fertilizers on Protein and Amino Acid Content of Groundnut (Arachishypogaea Var. TMV-7), M. Princely John, P. Sri Renganathan, V. Selvaraj, **G. Allen Gnanaraj** and G. Leema Rose, Indian J. Environmental Protection, **2016**,36(7), 600-605
51.	Luminescence quenching of tris(2,2'-bipyridyl) ruthenium(II) cation with phenolate ions in aqueous medium, Sheeba Daniel, **G.Allen Gnana Raj**, Crossian Resonance, **2016**, 7 (1), 117-122
52.	Binding of tris (1,10-phenanthroline)ruthenium(II) cation with polyphenols in aqueous medium, Sheeba Daniel, **G. Allen Gnana Raj,** International Journal of Innovative Research in Science, Engineering and Technology, **2016**, 10296-10301
53.	Synthesis, Characterization and biological Activities of Co(II), Ni(II) and Cu(II) complexes with (DFMPM) and glycine, C.Blessy,C. IsacSobana Raj, **G. Allen Gnana Raj**, Der PharmaChemica, **2016**, 8(18), 364-370
54.	Synthesis and Characterization of Bioactive Schiff base complexes from Cardanol, C.Blessy, C.Isac Sobana Raj, **G. Allen Gnana Raj**, International Journal of Research in Chemistry and Environment, **2016**, 6(2), 69-77
55.	Binding of tris(2,2'-bipyridyl)ruthenium(II) cation with antioxidants in aqueous acetonitrile,Sheeba Daniel,**G. Allen Gnana Raj,** Crossian Resonance,**2015**, 6 (1), 120-124
56.	Photoluminescence electron transfer quenching of ruthenium(II)-polypyridyl complexes with biologically important phenolate ions in aqueous acetonitrile solution,Sheeba Daniel,**G. Allen Gnana Raj,** Journal of the Iranian Chemical Society, **2015**, 12(4), 695–705
57.	Synthesis And Characterization of Bioactive Transition Metal Complexes of Zr(IV) and Th(IV) using Di α-formylmethoxybis (3-pentadecenylphenyl)methane[(DFMPM] derived from Cardinol, **G. Allen Gnana Raj**, C.IsacSobana Raj, Asian Journal of Chemical and Pharmaceutical Research, **2015,** 3 (1), 208-214
58.	Study of some Physico-Chemical Water Quality Parameters of Neyyar River,Kerela-An attempt to Estimate Pollution Status,D.P.Abhilash,B.Indirani, **G. Allen Gnana Raj,** International Journal of Green and Herbal Chemistry,**2015**,4(1),86-92
59.	Binding of ruthenium(II)-polypyridyl complexes with polyphenols in aqueous medium, Sheeba Daniel, **G. Allen Gnana Raj**, Green Chemistry and Technology Letters, **2016**, 1 (1), 77–81.
60.	Effect of sodium dodecyl sulphate on the photoinduced electron transfer reactions of ruthenium(II)-polypyridyl complexes with polyphenols, Sheeba Daniel**, G. Allen Gnana Raj**, Journal of Applicable Chemistry, **2014**, 3 (3), 1108–1114

61.	Investigation on growth and properties of $(LA)_x(K_2SO_4)_{1-x}$ single crystals, SunilaVasi, **G. Allen Gnana Raj**, Pelagia Research Library, Der ChemicaSinica, **2014**, 5(2), 95-100
62.	Trace Elements in Marine Macro algae (Gracilariaedulis) on the Southern Coast of Tamil Nadu, India, P. Mary Saroja, G. Immanuel, **G. Allen Gnana Raj,** Asian Journal of Research in Chemistry, **2014**, 7(3), 295-299
63.	Static quenching of ruthenium(II)-polypyridyl complexes by gallic acid and quercetin in aqueous and micellar media, Sheeba Daniel, **G. Allen Gnana Raj,** International Letters of Chemistry, Physics and Astronomy, **2014**, 13(1), 21–31
64.	Luminescent quenching of tris(4,4'-dinonyl-2,2'-bipyridyl) ruthenium(II) cation with gallic acid and quercetin in DMSO and 50 % aqueous acetonitrile, Sheeba Daniel, **G. Allen Gnana Raj**, The International Journal of Science and Technology, **2014**, 2(10), 162–164
65.	Effect of α–Cyclodextrin on 4-Nitro Benzoic Acid and 3, 5-Dinitro Benzoic Acid, AG Punitha, J.PremaKumari**, G. Allen Gnana Raj,** International Journal of Chemical & Physical Science, **2014**, 3(4), 11-21.
66.	Synthesis, Characterization, metalion intake and antibacterial Activityof Schiff Base complexes of Zr(IV) and Th(IV) derived from Di-α-formylmethoxybis(3-pentadecenyl phenyl) methane [DFMPM] and Aniline, C.IsacSobana Raj, **G. Allen Gnana Raj**, International Journal of Research in Chemistry and Environment, **2014**, 4(2),36-42
67.	Design and Biological Evaluation of 2.2'- Dinitrodiphenylmethane Derivatives, A. Jepa Malar, M.Christudhas, **G. Allen Gnana Raj**, Chemical Science Transaction, **2013**, 2(3), 859-864
68.	Preparation, Characterization and PhotocatalyticBehaviour of CodopedNanophotocatalyst, EK KirupaVasam, **G. Allen Gnana Ra**j, Chemical Science Transactions, **2013**, 2(4),1282-1287
69.	Assessment of Radioactivity and Estimation of Effective Radiation Dose Received By Villagers Residing At Natural High Background Areas of Coastal Regions of Tamil Nadu, EsaiselvanKanthasamy, **Allen Gnana Raj,** International Journal of Innovative Research in Science, Engineering and Technology, **2013,** 6(2), 2243-2247
70.	Highly Selective Synthesis of Ortho-Prenylated Phenols and Chromans by using a New Bimetallic CuAl-KIT-5 with a 3D-Cage-type Mesoporous Structure, S Varghese, C Anand, D Dhawale, GP Mane, **G.AllenGnana Raj,** MA Wahab,A Mano, S.Nagarajan, A. Vinu, ChemCatChem, **2013**, 5(4), 899-902
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