

National Institute of Technology, Tiruchirappalli: Performa for CV of Faculty/ Staff Members

8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Ph.D.	Bharathidasan University	1992	Highly Commended	Inorganic chemistry
M.Sc.	Madras University	1985	A	General Chemistry
B.Sc.	Madras University	1983	First class	Chemistry

9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/Institution	From	To
Dean(Students Welfare)	NITT	13-9-2013	18-9-2015
Head	Dept. of Chemistry NITT	2009	2012

10. Academic/Administrative Responsibilities outside the University

Position	Institution	From	To

11. Awards, Associateships etc.

Year of Award	Name of the Award	Awarding Organization
2014	Distinguished Alumni Award	NIT(Golden Jubilee)

12. Fellowships

Year of Award	Name of the Fellowship	Awarding Organization	From (Month/Year)	To (Month/Year)

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13. Details of Academic Work

(i) Curriculum Development

(ii) Courses taught at Postgraduate and Undergraduate levels

Inorganic Chemistry subjects(M.Sc.)

Engineering Chemistry(B.Tech.)

(iii) Projects guided at Postgraduate level

Sl.No.	Year	Title of The M.Phil. & M.Sc. Project Works
1.	1997	Uranium (Vi), Vanadium (Iv) And Thorium (Iv) Complexes of N,N ¹ -Bis(Morpholinobenzyl) Urea And Piperidinobenzylurea (M.Phil.)
2	2016	Synthesis , Corrosion and Inhibition studies of phthalimide Mannich base in acidic medium
3	2016	Antioxidant studies of benzamide Mannich base derivatives
4	2016	Aynthesis and Antibacterial studies of thioacetamide Mannich base and its complexes
5	2015	Synthesis and Characterization of 2-(3-phenylaminopropionyloxy) –benzoic acid and its Corrosion inhibition studies of Aluminium
6	2015	Synthesis and Characteirzaion of 1-(((H-benzimidazole-2-thio)-methyl) thiourea and its Biological studies
7	2015	Design, Synthesis, Characterisation of N-((2-hydroxy phenyl)(morpholino methyl)benzamide as Anticorrosion inhibitor
8	2015	Synthesis, Characterization and Corrosion study of (4-Phenyl-piperazin-1-yl-methyl)-benzene-1,3, diol
9	2014	Synthesis and Charectarization of 1-((4-nitrophenyl)pyridine-2-ylamino)methyl)pyrrolidine-2,4-dione and its Corrosion studies.
10	2014	Synthesis and Charectarization of 1-(morpholino(4-nitrophenyl)methyl) urea and its Metal complexes.
11	2014	Synthesis and Charectarization of 1-((4-nitrophenyl)(phenyl amino)methyl)pyrrolidine-2,5-dione and its Anticorrosion activity.
12	2013	Synthesis and Charectarization of 1-((4-methylpiperazine-1-yl)(phenyl)methyl)thiourea and its Co(II), Ni(II) and Cu(II) Metal complexes.
13	2013	Synthesis and Charectarization of 1-((cyclohexanamino)(phenyl)methyl)naphthalene-2-ol and its Corrosion studies.
14	2012	Synthesis and Charectarization of ((phenylamino)methyl)pyrrolidine-2,5-dione and 1-((benzylamino)(phenyl)methyl)naphthalene-ol and their Anticorrosion, Antioxidant studies.
15	2012	Synthesis and Charectarization of 1-((cyclohexylamino)methyl)pyrrolidine-2,5-dione and N-(uriedomethyl) acetamide and their Anticorrosion activity.
16	2012	Synthesis and characterization of 1-((methylphenylamino)methyl urea and 1-morpholino(phenyl)methyl)naphthalene-2-ol and their metal complexes.
17	2011	Synthesis, anticorrosion and antioxidant activities of urea Mannich bases
18	2011	Synthesis, characterization of 1,3-bis-[phenyl-(pyridin-2-ylamino)-methyl]-thiourea and N-phenyl(pyrrolidine-1-yl)methyl) acetamide and their electrochemical studies

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19	2011	Synthesis, characterization of 1,3-bis-(morpholin-4-yl-phenyl-methyl)thiourea and 3- (morpholino methyl) benzothiazole-2-thione and their electrochemical corrosion studies
20	2010	Synthesis and Characterization of Barbituric acid Mannich bases and their metal complexes
21	2010	A study on new Mannich bases of barbituric acid and their transition metal complexes along with electrochemical studies
22	2010	Synthesis and study of barbituric acid based Mannich bases and their transition metal complexes along with electrochemical studies
23	2009	Synthesis and characterization of new Mannich bases of Barbituric acid and their Zn(II), Cd(II) and Hg(II) complexes.
24	2008	A study on Removal of Toxic Metal Ions At PPM Level From Water Using Mannich Bases As Ligands
25	2008	Application of Mannich Bases To Remove Toxic Metal Ions At PPM Level From Water.
26	2007	Chromium(III) Complexes of (Morpholinobenzyl) Thiourea and (Morpholinomethyl) thiourea.
27	2007	Chromium (III) Complexes of (Morpholinobenzyl) Urea and (Morpholinomethyl) Urea.
28	2006	Synthesis And characterization of Bimetallic Core-shell silver-Platinum Colloidal nanoparticles.
29	2006	Towards Synthesis of Sialic Acid Analogues Via 2,3-DiDeoxy Hex-2-Enopyranosides.
30	2006	Electro-reduction of U(VI) to U(IV) for Nuclear Fuel Reprocessing Application.
31	2005	Synthesis of Mono dispersed Iron Oxide Nano particles.
32	2005	Degradation of Dyes in Wastewater using Photocatalyst.
33	2005	2-Deoxythioglycosides as Glycosyl Donors in the Synthesis of Alkyl and Aryl 2-deoxyglycosides.
34	2005	Synthesis and Characterization of Functional Oxides and Silver Nanowires.
35	2005	Synthesis of Fluoro Intermediates For the Bio-Active Molecules.
36	2004	Study of Solvent Effects on Electronic And Vibrational Spectra of 4-Dimethylamino-4'-Nitroazobenzene And 4-Hydroxyazobenzene.
37	2003	Transport of Metal Ion Through Liquid Membrane.
38	2002	Studies on The Inhibition Performance of Mannich Bases For The Corrosion of Mild Steel In Sulphuric Acid Solution.
39	2001	Corrosion Inhibition Studies On Mild Steel Using Mannich Bases.
40	2001	Role of N,N ¹ -Bis(Morpholinobenzyl)Urea, N,N ¹ Bis(Morpholinobenzyl) Thiourea & N,N ¹ -Bis(Piperidino 4-Methylbenzyl)Thiourea As Corrosion Inhibitors on Mild Steel.
41	2000	Treatment Of Toxic Metal Effluents Using Mannich Bases.
42	2000	Synthesis And Characterisation of (Pyrrolidinobenzyl)Acetamide And Its Complexes With Copper Salts.
43	1999	Studies on Electrogeneration of Polyaniline Film on Stainless Steel Sheets.
44	1998	Synthesis And Characterisation of N-Ethyl Polyanilines As Conducting

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		Polymers.
45	1997	The Structural And Morphological Aspects of Electrodeposited Copper.
46	1997	Electrodeposition of Lead - Effect of Electrolyte Additives.
47	1995	Metal Complexes of N,N ¹ -Bis(Morpholinobenzyl)Thiourea.
48	1994	Reclamation of Lubricating Oil.

(iv) Other contribution(s)

14. Details of Major R&D Projects

Title of Project	Funding Agency	Duration		Status
		From	To	Ongoing/ Completed

15. Number of PhDs guided: 4

Name of the PhD Scholar	Title of PhD Thesis	Role(Supervisor/ Co-Supervisor)	Year of Award
Dr.J. Manjula	Synthesis and Characterization of New Mannich bases of Urea and Thiourea and their Metal Complexes	Supervisor	2008
Dr.L. Muruganandam	Synthesis and Characterization and antimicrobial studies of New Mannich bases of Acetamide, Acrylamide and Benzamide and their Metal Complexes.	Supervisor	2008
Dr.D. Tamil Vendan	Synthesis, Characterization And Biological Activity of New Mannich Bases of Succinimide, Phthalimide and Acrylamide and Their Metal Complexes	Supervisor	2011

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Dr. Ms.S. Rajeswari	Synthesis, Characterisation and Crystallographic Studies of Some New Mannich Bases Derived from Succinimide and Their Metal Complexes With Mn ^{II} , Co ^{II} , Ni ^{II} , Cu ^{II} , Zn ^{II} , Cd ^{II} and Hg ^{II} ions	Supervisor	2011
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16. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

1	Protection of Mild Steel Corrosion with 1-((Pyridin-2-Ylamino)(Pyridin-4-Yl)Methyl)Pyrrolidine-2,5-Dione in Acid Media, Mani Jeeva and G. Venkatesa Prabhu, iSAEST-10 international symposium (2013) CSIR-CECRI, Karaikudi, India. January 28-30,2013.
2.	Synthesis, Characterization and Biological Activities of a New Mannich Base N-[Morpholino(phenyl) Methyl]acetamide and some of its metal complexes L.Muruganandam, G.Venkatesa Prabhu International Conference on Coordination & Organometallic Chemistry(ICCOC – 2009), Department of Chemistry, Bharathiar University,Coimbatore, March 19-20, 2009.
3.	Synthesis and Characterization of Zn(II), Cd(II) AND Hg(II) complexes of 1-(Pyridin-2-yl aminomethyl)-pyrrolidine-2,5-dione. D.Tamil Vendan, G.Venkatesa Prabhu International Conference on Coordination & Organometallic Chemistry(ICCOC – 2009), Department of Chemistry, Bharathiar University,Coimbatore, March 19-20, 2009.
4.	Crystal Structure of 1-[(2,5-dioxopyrrolidin-1-yl)(phenyl) methyl] thiourea S.Rajeswari, G.Venkatesa Prabhu, D.Tamil Vendan, V.Ramkumar, Three Day International Conference on Frontiers in Chemical Research (ICFCR-2008), Department of Chemistry, Mangalore University, Mangalore,December 29-31, 2008.
5.	Synthesis and Characterization of 1-(Pyridin-2-yl aminomethyl)pyrrolidine-2,5-dione and 1-(Pyridin-2-yl aminobenzyl) pyrrolidine-2,5-dione from aminopyridine, D.Tamil vendan, G.Venkatesa Prabhu, S.Rajeswari, K.Krishnakumar Three Day International Conference on Frontiers in Chemical Research (ICFCR-2008), Department of Chemistry, Mangalore University, December 29-31, 2008.
6.	Synthesis and Characterization of 1,3-Bis-[phenyl—(pyridine-2-ylamino)-methyl]-thiourea and its Co ^{II} , Ni ^{II} , Cu ^{II} , Zn ^{II} Cd ^{II} and Hg ^{II} metal ion complexes, G.Venkatesa Prabhu,J.Manjula, Inorganic Chemistry 2008 Conference, Department of Chemistry, University of Canterbury, Christchurch, New Zealand, December 14-18, 2008.

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7.	Synthesis of N-substituted Morpholine And Pyrrolidines Through Mannich reaction and Their Characterization, J.Manjula , G.Venkatesa Prabhu, Florida Heterocyclic And Synthetic Conference, Florida Centre For Heterocyclic Compounds, University of Florida, USA, March 9 -12, 2008.
8.	Synthesis and Characterization of Novel Mannich Base of Succinimide, S.Rajeswari, K.Krishnakumar, G.Venkatesa Prabhu, First Asian Spectroscopy Conference & Asian Biospectroscopy Conference, Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bangalore, 29th January - 2nd February, 2007.
9	Elucidation of Structure of Piperidinobenzylurea by Proton NMR Spectral Study, International Conference on Spectrophysics, Indian Spectrophysics Association, Department of Physics, Pachaiyappa's College, Chennai, February 9 – 12, 2005.
10	Adsorption and Corrosion Inhibitive Properties of 1-(Morpholino(Pyridin-4-Yl)Methyl)Urea on Mild Steel in Hydrochloric Acid Medium, Mani Jeeva and G. Venkatesa Prabhu, National Conference on Frontiers in Chemical Sciences (FICS-2012), IISC
11.	Crystal Structure of 1-[morpholino(phenyl)methyl]pyrrolidine-2,5-dione, S.Rajeswari, G.Venkatesa Prabhu, D.Tamil Vendan, V.Ramkumar, National Conference on emerging Trends in Chemical Research (NCETCR 2008), Department of Chemistry, Annamalai University, October 17-18, 2008.
12.	Synthesis and spectral Characterization of 1-(pyridin-2-yl aminomethyl)-pyrrolidine-2,5-dione and their anticorrosion study, D.Tamil Vendan, G.Venkatesa Prabhu, S.Rajeswari, K.Krishnakumar, National Conference on emerging Trends in Chemical Research (NCETCR 2008), Department of Chemistry, Annamalai University, October 17-18, 2008.
13	Application of new Mannich bases to remove metal ions from dilute streams of treated industrial effluents-model study, L.Muruganandam, G.Venkatesa Prabhu, State level seminar on Recent Trends in Chemistry (SSRTC-2008), Department of Chemistry, AVVM Sri Pushpam College, Poondi, August 22, 2008.
14	Synthesis and spectral characterization of new Mannich bases derived from substituted antipyrine, K.Krishnakumar, S.Rajeswari, D.Tamil Vendan, G.Venkatesa Prabhu, National Conference on Analytical Chemistry-Vision 2020, Department of Chemistry, Indian Institute of Chemical Technology, Hyderabad, March 27-28, 2008.
15	Synthesis and Characterization of 1-[(2,5-Dioxopyrrolidin-1-yl)(Phenyl)Methyl]Thiourea, S.Rajeswari, K.Krishnakumar, G.Venkatesa Prabhu, National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry, Department of Chemistry, Sri Venkateswara University, Tirupati, February 25-26, 2008.
16	Synthesis and characterization on New Mannich bases derived from Thiourea, ethanalamine and benzaldehyde, K.Krishnakumar, S.Rajeswari, D.Tamil Vendan, G.Venkatesa Prabhu, National Seminar on Recent Research Trends in Synthetic Organic and Natural Products Chemistry, Department of Chemistry, Sri Venkateswara University, Tirupati, February 25-26, 2008.
17	Synthesis and Spectral Characterization of Novel Mannich Bases of Biologically

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	Active Antipyrine, K.Krishnakumar, S.Rajeswari, D.Tamil Vendan, G.Venkatesa Prabhu, National Seminar on Theoretical Chemical Sciences (TACS 2008) Department of Chemistry, Annamalai University, Annamalai Nagar, February 22 – 23, 2008.
18	Invitro Evaluation of Antimicrobial Properties of a new Mannich base and Its Metal Complexes with V^{IV} , Ce^{IV} , Th^{IV} and U^{VI} ions against Human Pathogenic Microorganisms, L.Muruganandam, G.Venkatesa Prabhu, National Seminar on Emerging Biomedical Sciences and Potential Applications, Department of Zoology Holy Cross College, Tiruchirappalli, January 7 – 8, 2008
19	A study on complexes of oxovanadium(II), dioxouranium(II), thorium(IV) and cerium(IV) with diphenylaminomethyl acetamide, L.Muruganandam, G.Venkatesa Prabhu 44th Annual Convention of Chemists, Indian Chemical Society, Mahatma Gandhi Institute of Applied Sciences Jaipur, December 23 – 27, 2007
20	“Synthesis, Characterisation And Antimicrobial Activities of Diphenylaminomethyl Acetamide And Some of Its Metal Complexes” L.Muruganandam, G.Venkatesa Prabhu Modern Trends in Inorganic Chemistry 6-8, December 2007 Indian Institute of Technology, Chennai
21	A study on the Cu(II) complexes of the Mannich base N,N’bis(morpholinobenzyl)thiourea, L.Muruganandam, G.Venkatesa Prabhu National Conference on Recent Trends in Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli October 12, 2007.
22	Synthesis, Characterization and Antimicrobial Activities of Vanadium, Cerium, thorium and Uranium complexes of Diphenylaminomethyl Acrylamide, L.Muruganandam, G.Venkatesa Prabhu National Conference on Recent Trends in Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli, October 12, 2007.
23.	Synthesis and Characterization of a New Mannich Base derived from Succinimide, morpholine and benzaldehyde, S.Rajeswari, G.Venkatesa Prabhu, National Conference on Recent Trends in Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli , October 12, 2007.
24	Synthesis and spectral studies of a novel N-substituted Thiourea, K.Krishnakumar, S.Rajeswari, D.Tamil Vendan, G.Venkatesa Prabhu, National Conference on Recent Trends in Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli, October 12, 2007.
25	Synthesis and spectral studies of a new substituted imidazole, D.Tamil Vendan, K.Krishnakumar, S.Rajeswari, G.Venkatesa Prabhu, National Conference on Recent Trends in Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli, October 12, 2007.
26	Synthesis and Spectral Studies of a new N-substituted urea, K.Krishnakumar, S.Rajeswari, G.Venkatesa Prabhu, National Conference on Recent Advances in Chemistry (RAC-2007) Department of Chemistry Periyar University, Salem, 1-2 March 2007.
27	Synthesis and Characterisation of N,N’-Bis(morpholinobenzyl)thiourea and its Interactions with Zn(II), Cd(II) and Hg(II) Metal ions, J.Manjula, G.Venkatesa Prabhu, National Seminar on Novel Trends in Synthesis, Structure, Reaction Dynamics

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	and Biological Studies of Coordination Compounds, Gandhigram Rural Institute-Deemed University, Gandhigram March 3-4,2005.				
28	Synthesis and Characterisation of N,N ¹ -Bis(2-pyridinaminomethyl)thiourea and its Interactions with Some Transition Metal ions, J.Manjula, G.Venkatesa Prabhu, Second Regional CRSI Symposium in Chemistry , School of Chemistry Bharathidasan University Tiruchirappalli , January 7 – 8, 2005.				
29	Synthesis and characterization of new Mannich bases of diphenylamine, L.Muruganandam, G.Venkatesa Prabhu, Second Regional CRSI Symposium in Chemistry School of Chemistry, Bharathidasan University Tiruchirappalli, January 7 – 8, 2005.				
30	Synthesis and Characterisation of N,N ¹ -Bis(pyrrolidinomethyl)thiourea and its Metal Complexes, J.Manjula, G.Venkatesa Prabhu, National Symposium on Resent Trends in Heterocyclic Chemistry, Jamal Mohamed College, Tiruchirappalli, September 24-25, 2004				
31	Infrared and NMR Spectral Investigation on Piperidinibenzylurea, A.sebastiyan, M.Sivasubramanian, S.Sesadri, G.Venkatesa Prabhu, National Symposium on Photonics And Spectroscopy , Raman School of Physics, Pondicherry University Pondicherry, March 14-16, 2001.				
32	Synthesis ,Characterisation and Antimicrobial Activity of N,N ¹ -Bis(1-piperidinobenzyl) thiourea and its metal complexes, A.N.Mohamed Kasim, G.Venkatesa Prabhu, D.Venkappayya, National Conference on Recent Research In Coordination Chemistry , Department of Chemistry REC, Tiruchirappalli, March 4-5, 1999.				
33	Synthesis, Characterization and Antimicrobial Studies of Some Novel Mannich Bases of Urea, G.Venkatesa Prabhu, D.Venkappayya, National Seminar on Social Relevance of Some Advanced Chemical Research In Independent India Department of Chemistry Bharathidasan University, Tiruchirappalli, March 16-17, 1998.				
Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue

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17. Workshops/ Symposia/ Conferences/ Colloquia/Seminars Organized (as Chairman/ Organizing Secretary/ Convenor / Co-Convenor)

1. Chief Organiser for UGC sponsored National Level Conference on “Recent Research in Coordination Chemistry” during 3 & 4 March 1999.
2. Coordinator for Workshop on “Social awareness on drinking Water Quality” 28th February, 2008 sponsored by TEQIP. (Workshop Conducted Under TEQIP Community Services)
3. National Level Student Symposia (Postgraduate) Conducted:

Sl.No.	Details	Period
1.	Convenor – National Level Students Symposium on Cheminformatics Horizon 2005	30 th September & 1 st October 2005
2.	Convenor – National Level Students Symposium on Corrosion And Its Control Horizon 2001	September 29 & 30, 2001
3.	Convenor – National Level Students Symposium on Spectral Applications In Industrial Analysis Horizon 2000	30-09-2000 & 01-10-2000

Title of Activity	Level of Event (International/ National/ Local)	Date (s)	Role	Venue

18. Invited Talks delivered

Topic	Date	Inviting Organization

19. Membership of Learned Societies

Type of Membership (Ordinary Member/ Honorary Member / Life Member)	Organization	Membership No. with date

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20. Academic Foreign Visits

Country	Duration of Visit	Programme
University of Canterbury, Christchurch, Zealand, New	December 14-18, 2008	Inorganic Chemistry 2008 Conference
University of Florida, USA	March 9 -12, 2008	.Florida Heterocyclic And Synthetic Conference, Florida Centre For Heterocyclic Compounds
Institute for Environment Brunel University, London, UK,	22 nd Oct – 20 th Nov 2007	TEQIP Removal of Heavy Metal Ions from Industrial Effluents using Organic Ligands(TEQIP Training)-

21. Publications

(A) Refereed Research Journals:

1	Synthesis, growth, optical and DFT calculation of 2-naphthol derived Mannich base organic nonlinear optical single crystal for frequency conversion applications A.Dennis Raj , M.Jeeva , M.Shankar , R.Purusothaman , G.Venkatesa Prabhu , I. Vetha Potheher Physica B 501(2016) 45–56
2	Interactions and Inhibition Effect of Urea-Derived Mannich Bases on a Mild Steel Surface in HCl Mani Jeeva , G. Venkatesa Prabhu , Maria Susai Boobalan , and Chinnaiyan Mahalingam Rajesh J. Phys. Chem. C, 2015, 119 (38), pp 22025–22043 DOI: 10.1021/acs.jpcc.5b05788 Publication Date (Web): September 6, 2015
3	First principles and DFT supported investigation on spectra and electric structure of 2-((phenylamino)methyl)isoindoline-1, 3-dione – An antioxidant active Mannich base. M.S. Boobalan, S. Ramalingam, M. Amaladasan, D. Tamilvendan, G.Venkatesa Prabhu, M. Bououdina, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 137 (2015)962-978

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4	Vibrational spectra and electronic structure of 3-((1-H-pyrrol-1-yl) methyl)naphthalen-2-ol- A computational insight on antioxidant active Mannich base Maria .Susai. Boobalan, S. Ramalingam, M. Amaladasan, D. Tamilvendan, G.Venkatesa Prabhu, M. Bououdina, <i>Journal of Molecular Structure 1081 (2015) 159-174</i>
5	In Silico vibrational spectroscopic investigation on antioxidant active Mannich base 1-[Anilino (Phenyl) Methyl] Pyrrolidine-2,5-Dione Maria Susai Boobalan, M Amaladasan, D Tamilvendan, S Ramalingam, G Venkatesa Prabhu, <i>Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 131 (2014) 303-318</i>
6	Study on the Inhibition of Mild Steel Corrosion by 1,3-bis-(morpholin-4-yl-phenyl-methyl)- thiourea in Hydrochloric Acid Medium Devaraj Karthik, D.Tamilvendan and G. Venkatesa Prabhu <i>Journal of Saudi Chemical Society(2014) 18, 835-844</i>
7	A computational perspective on equilibrium geometry, vibrational spectra and electronic structure of antioxidant active Mannich Base - 1-[(pyridin-2-yl amino) methyl] pyrrolidine- 2, 5-dione, M.S. Boobalan, S. Ramalingam, M. Amaladasan, D. Tamilvendan, G.Venkatesa Prabhu, M. Bououdina, <i>Journal of Molecular Structure 1072 (2014) 153-172</i>
8	Coordination Modes of a New Mannich Base N-[Phenyl(pyrrolidin-1-yl)methyl]acetamide and its Metal Complexes with ZnII, CdII and HgII Ions: Synthesis, Spectroscopic and Antimicrobial Studies L. Muruganandam1, K. Balasubramanian1, K.Krishnakumar and G. Venkatesa Prabhu <i>Che Sci Rev Lett 2013, 1(4), 218-223 ISSN 2278-6783</i>
9	In vitro evaluation of antimicrobial properties of a new Mannich base N-[(Diphenylamino)methyl]acrylamide and its Oxovanadium(IV), Cerium(IV), Thorium(IV) and Dioxouranium(VI) metal chelates against human pathogenic Microorganisms L.Muruganandam, K.Balasubramanian, K.Krishnakumar and G.Venkatesa Prabhu <i>Journal of Experimental Sciences 2012, 3(9): 51-55 ISSN: 2218-1768</i>
10	Structural and Spectral Analysis of a Mannich Base: 3-(Morpholin-4-ylmethyl)-1,3-Benzothiazole-2-Thione S.Franklin, D.Tamilvendan, G.Venkatesa Prabhu , T. Balasubramanian <i>J Chem Crystallogr (2012) 42:29–33 DOI 10.1007/s10870-011-0199-z</i>
11	Syntheses, Spectral, Crystallographic, Antimicrobial And Antioxidant Studies of Few Mannich babses D.Tamil Vendan, , S.Rajeswari, S.IIavenil K.Chakkaravarthy and G.Venkatesa Prabhu, <i>Med. Chem. Res. (2012) 21:4129-4138</i>
12	1,5-Dimethyl-2-phenyl-4-[phenyl(pyridin-2-ylamino)methyl]-1H-pyrazol-3(2H)-one K. Krishnakumar, S. Franklin, G. Venkatesa Prabhua and T. Balasubramanian <i>Acta Cryst. (2012). E68, o3193 doi:10.1107/S1600536812042936 ISSN 1600-5368</i>
13	Crystal Structure, Conformation and Vibrational Analysis of a Mannich Base: 2-[(phenylamino) methyl]-isoindole-1,3-dione S. Franklin, D. Tamilvendan, G. Venkatesa Prabhu, T. Balasubramania <i>J Chem Crystallogr (2011) 41:1120–1123</i>

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14	1-[(pyridine-2-ylamino)methyl]pyrrolidine-2,5-dione : Supramolecular Aggregation via cooperative H-bonded network of N-H...N and C-H...O interactions. Dhanapal Tamilvendan, Ganesan Venkatesa Prabhu, Frank R. Fronczek, Nagarajan Vembu <i>J. Chem Crystallogr</i> 2010 40:981-984
15	Synthesis characterization and antimicrobial activity of Cu(II), Co(II), Ni(II) and Zn(II) complexes derived from 1-(pyridine-2-yl aminomethyl)pyrrolidine-2,5-dione and 1-phenyl(pyridine-2-yl aminomethyl)pyrrolidine-2,5-dione D.Tamil vendan, S.Rajeswari, S.Ilavenil, G.Venkatesa Prabhu <i>Inorganic Chemistry: An Indian Journal</i> 5(2), 2010.
16	Crystal Structure, Conformation and Vibrational Analysis of a Mannich Base: 2-[(phenylamino) methyl]-isoindole-1,3-dione S.Franklin, D.Tamilvendan, G.Venkatesa Prabhu, Balasubramanian Thangavel <i>J. Chem Crystallogr.</i> 41(8):1120-1123 · August 2011
17	Cobalt (II), nickel (II), copper (II) and zinc (II) complexes of 1-(phenyl(phenylamino) methyl)pyrrolidine-2,5-dione and 2-((phenylamino)methyl) isoindoline-1,3-dione and their biological activity D. Tamil Vendan, S. Rajeswari, S. Ilavenilb, G. Venkatesa Prabhu <i>Orbital – The Electronic Journal</i> (2010) 2 (2), 202-209.
18	1-[2,5dioxopyrrolidin 1-yl(phenyl)methyl thiourea and its transition metal(II)complexes: Synthesis, structural characterization and antimicrobial study S'Rajeswari, D.Tamilvendan, G.Venkatesa Prabhu <i>Inorganic Chemistry: An Indian Journal</i> 5(3), 2010.
19	Dicyclohexylammonium 3-[(hydroxymethyl)carbamoyl]propanoate Subadra Rajeswari, Ganesan Venkatesa Prabhu, Dhanapal Tamilvendan, Helen Stoeckli-Evans <i>Acta Cryst.</i> (2010). E66, o3096.
20	<i>Spectroscopic Studies and Crystal Structure of 1-(Morpholino (Phenyl) Methyl) Pyrrolidine-2,5-Dione</i> S. Rajeswari, G. Venkatesa Prabhu, D. Tamilvendan, V. Ramkumar <i>J. Chem. Crystallogr</i> (2010) 40:437 – 442
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(B) Conferences/Workshops/Symposia Proceedings

1	Protection of Mild Steel Corrosion with 1-((Pyridin-2-Ylamino)(Pyridin-4-Yl)Methyl)Pyrrolidine-2,5-Dione in Acid Media, Mani Jeeva and G. Venkatesa Prabhu, iSAEST-10 international symposium (2013) CSIR-CECRI, Karaikudi, India. January 28-30,2013.
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3.	Synthesis and Characterization of Zn(II), Cd(II) AND Hg(II) complexes of 1-(Pyridin-2-yl aminomethyl)-pyrrolidine-2,5-dione. D.Tamil Vendan, G.Venkatesa Prabhu International Conference on Coordination & Organometallic Chemistry(ICCOC – 2009), Department of Chemistry, Bharathiar University,Coimbatore, March 19-20, 2009.
4.	Crystal Structure of 1-[(2,5-dioxopyrrolidin-1-yl)(phenyl) methyl] thiourea S.Rajeswari, G.Venkatesa Prabhu, D.Tamil Vendan, V.Ramkumar, Three Day International Conference on Frontiers in Chemical Research (ICFCR-2008), Department of Chemistry, Mangalore University, Mangalore,December 29-31, 2008.
5.	Synthesis and Characterization of 1-(Pyridin-2-yl aminomethyl)pyrrolidine-2,5-dione and 1-(Pyridin-2-yl aminobenzyl) pyrrolidine-2,5-dione from aminopyridine, D.Tamil vendan, G.Venkatesa Prabhu, S.Rajeswari, K.Krishnakumar Three Day International Conference on Frontiers in Chemical Research (ICFCR-2008), Department of Chemistry, Mangalore University, December 29-31, 2008.
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7.	Synthesis of N-substituted Morpholine And Pyrrolidines Through Mannich reaction and Their Characterization, J.Manjula , G.Venkatesa Prabhu, Florida Heterocyclic And Synthetic Conference, Florida Centre For Heterocyclic Compounds, University of Florida, USA, March 9 -12, 2008.
8.	Synthesis and Characterization of Novel Mannich Base of Succinimide, S.Rajeswari, K.Krishnakumar, G.Venkatesa Prabhu, First Asian Spectroscopy Conference & Asian Biospectroscopy Conference, Department of Inorganic & Physical Chemistry, Indian Institute of Science, Bangalore, 29th January - 2nd February, 2007.
9	Elucidation of Structure of Piperidinobenzylurea by Proton NMR Spectral Study, International Conference on Spectrophysics, Indian Spectrophysics Association, Department of Physics, Pachaiyappa's College, Chennai, February 9 – 12, 2005.

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10	Adsorption and Corrosion Inhibitive Properties of 1-(Morpholino(Pyridin-4-Yl)Methyl)Urea on Mild Steel in Hydrochloric Acid Medium, Mani Jeeva and G. Venkatesa Prabhu, National Conference on Frontiers in Chemical Sciences (FICS-2012), IISC
11.	Crystal Structure of 1-[morpholino(phenyl)methyl]pyrrolidine-2,5-dione, S.Rajeswari, G.Venkatesa Prabhu, D.Tamil Vendan, V.Ramkumar, National Conference on emerging Trends in Chemical Research (NCETCR 2008), Department of Chemistry, Annamalai University, October 17-18, 2008.
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Author(s)	Title of Abstract/ Paper	Title of the Proceedings	Page numbers	Conference Theme	Venue	Year

(C) Books & Monographs

Author(s)	Title of Book/Monograph	Name of Publishers	Year of Publication	ISSN/ISBN Number

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