



Srinivas University

(Private University established by Karnataka State Govt. Act no. 42 of 2013, Recognized by UGC, New Delhi, Member of Association of Indian Universities, New Delhi)

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(Department of chemistry)

1. List of Guide :**Dr.Praveen B M, Dr.NarayanaHebbar and Dr.SandhyaShenoy**
- 2.List of PhD Students (Srinivas University only):-----Nil-----
- 3.Publications of the whole college (Department wise) :**93**
4. Conference Publications(Department wise):**40**
5. Book /Chapter Publications (Department wise):**05**
6. Syllabus copy for Course work Examinations(Department wise):
7. Sponsored Projects

Sl. No.	Title of the Project	Sanction No.	Total Cost (₹)	Agency	Present Status
1	Modernization of Chemistry laboratory	Ref. No 8024/RIFD/MOD 292 /2010-11 dated 31-03-2011	9,00,000 /-	AICTE under MODROBS scheme	Completed
2	Development of Nickel Si ₃ N ₄ nano particles composite coating by Pulse Electrodeposition method and their corrosion behavior for Technological applications”	Ref No SR/FT/CS/147/20 11 dated 13-07-2012	24,16,000/-	DST under Fast Track Scheme for young scientist	Completed
3	Development of Nickel – Nano Particles composites by Electrodeposition Method for Industrial Applications	Ref No: GRD 313/ dated 01/01/2015	30,00,00/-	Centres Of Innovative Science And Engineering Education (CISEE) BY VGST, Govt. of Karnataka	On Going
4	Development of Nanostructured Multilayer	ISRO/RES/3/723/ 16-17 dated	19,50,000/-	ISRO-Respond	On Going

	Coating by Electrodeposition for Aerospace Application at elevated temperature and its corrosion studies	02/02/2017			
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8. Collaborations:

9. Dates & Brochure of 2 Conferences Planned

10. Atomic Research Centers& Faculty In-charge with Objective, Publications, Working Papers

11. List of Working Papers (Departmentwise): **75**

Format for Journal Publications

Si No	Authors	Title	Journal Name, Volume, Page no, Year ISBN no, DOI Publisher	Impact factor
1	B.M.Praveen , T.V.Venkatesha, S.K.Rajappa, K Vathsala, K O Nayana.	Corrosion inhibition studies of zinc and steel in hydrochloric acid medium	KuvempuUniv. Sci. J. 3(1) (2006) 88-95.	----
2	B.M. Praveen .,T.V.Venkatesha, .Y.ArthobaNaik, K. Prashantha	Corrosion studies of carbon nanotubes – Zn Composite coating	Surface and Coatings Technology, 201(2007) 5836 - 5842.	1.8
3	B M Praveen , T V Venkatesha Y ArthobaNaik, K Prashantha	Corrosion Behavior of Zn - TiO ₂ Composite Coating	Synthesis & Reactivity Inorganic, Metal-Organic, & Nano-Metal Chemistry. 37 (2007) 461–465.	1.2
4.	B.M. Praveen , T.V. Venkatesha	Electrodeposition and properties of Zn-nanosized TiO ₂ composite coatings	Applied Surface Science 254 (8) (2008) 2418-2424.	2.6
5	S.K.Rajappa , T.V.Venkatesha, B.M.Praveen	Chemical treatment of zinc surface and its corrosion inhibition studies	Bulletin of Materials Science 31(1) (2008) 37-41.	1.2
6	B.M. Praveen , T.V. Venkatesha	Generation and corrosion behavior of zn-nano sized carbon black composite coating	International journal of electrochemistry 4(2)(2009) 258-266	---

7	R.A. Prabhu, T.V.Venkatesha, A.V. Shanbhag , B.M. Praveen , G.M. Kulkarni, R.G.Kalkhambkar	Quinol-2-thione compounds as corrosion inhibitors for mild steel in acid solution	Materials chemistry and Physics 108 (2008) 283–289.	2.5
8	B.M. Praveen , T.V. Venkatesha	Metol as corrosion inhibitor for steel	International journal of electrochemistry 4(2)(2009) 267-275	----
9	N. Shankaresha, T. V. Venkatesha, GaneshaAchary, B. M. Praveen , Y. Arthoba Naik	Surface modification of steel by a condensation product and its corrosion studies	Bulletin of electrochemistry 23 (2007) 123-127.	
10	B.M. Praveen , T.V. Venkatesha	Electrodeposition and properties of Zn-Ni-CNT composite coatings	Journal of alloys and compounds 482 (2009) 53-57	1.2
11	K Vathsala, T.V.Venkatesha, B.M.Praveen , K O Nayana	Electrochemical Generation of Zn-Chitosan Composite Coating on Mild Steel and its Corrosion Studies	Engineering2 (2010) 580-584.	1
12	B.S Shylesha, T.V. Venkatesha, G. Harshini B.M. Praveen	Veratradehyde as Corrosion Inhibitor for Mild Steel in Different Acid Medium	Journal of chemistry and chemical engineering 4 (8) 2010 35 - 41	-
13	T.V.Venkatesha1, K.V.Srinath, B.M.Praveen	New schiff.s bases as corrosion inhibitor for mild steel in HCl medium	Materials Science : An Indian Journal 7(1), 2011 [1-6]	0.8
14	K. O. Nayana T. V. Venkatesha, B. M. Praveen , K. Vathsala,	Synergistic effect of additives on bright nanocrystalline zinc electrodeposition	Journal of Applied Electrochemistry, 41 (1) (2011) 39-49	0.7
15	B.M.Praveen , V.S.ReddyChannu, SUN-IL Mho., Thieu Minh Triet	Preparation and characterization LiMn ₂ O ₄ nano materials for Li ion Batteries	Materials Science, An Indian Journal, Vol. 8, Issue 5, 2012 page no 207-212	0.8
16	B.S. Shylesha, T.V. Venkatesha and B. M. Praveen	Veratraldehyde as Corrosion Inhibitor for Zinc in Different Acid Medium	Der PharmaChemica, 2010, 2(6): 295-301	--
17	B.S. Shylesha, T.V. Venkatesha and B. M. Praveen	Ziprasidone as a corrosion inhibitor for zinc in different acid medium	Journal of Chemical and Pharmaceutical Research 2011, 3(1):501-507 ISSN : 0975-7384	--
18	S.E. Nataraj, T.V. Venkatesha,and B. M. Praveen	Corrosion inhibition of steel in acid media by S-	Der PharmaChemica,	--

		Benzylthiuronium chloride	2011, 3(1): 388-398	
19	B.S. Shylesha, T.V. Venkatesha and B. M. Praveen	New Electroactive compounds as corrosion inhibitors for zinc in acidic medium	Advances in Applied Science Research, 2011, 2 (2): 333-341	0.5
20	A.V.Shanbhag , T.V.Venkatesha,R.A.Prabhu and B.M.Praveen	Inhibition effects of acetyl coumarines and thiazole derivatives on corrosion of zinc in acidic medium	Bulletin of Materials Science 2011, 34(3) 571–576.	1.2
21	B.M. Praveen , T.V. Venkatesha	Electrodeposition and Corrosion Resistance Properties of Zn-Ni/TiO ₂ Nano Composite Coatings	International journal of electrochemistry, volume 2011 doi:10.4061/2011/261407	---
22	B.M. Praveen , T.V. Venkatesha	New brightener for Zn-Fe alloy plating from sulphate bath,	International journal of electrochemistry volume 2011, doi:10.4061/2011/132138	---
23	B.S. Shylesha, T.V. Venkatesha, B.M. Praveen	. Corrosion Inhibition studies of mild steel by new inhibitor in different corrosive medium	Research Journal of chemical sciences 1(7), 46-50, (2011)	---
24	B.S. Shylesha, T.V. Venkatesha, B.M. Praveen and K.V.Srinath	Corrosion Inhibition Effect of Substituted Quinoline and Its Condensation Products on Mild Steel in Acidic Media	Analytical & Bioanalytical Electrochemistry. . 3 (3) (2011) 249-260	1.2
25	P.R.rangaraju, T.V.Venkatesha, R. Ramachandrappa, B. M. Praveen	Kinetic and mechanistic studies on the oxidation of tinidazole by bromamine-t (bat) in hcl medium	Research Journal of Pharmaceutical, Biological and Chemical Sciences, 2(4) 2011, 947-957.	---
26	B.M. Praveen , T.V.Venkatesha S.K Rajappa, H.P Sachin, K. Vathsala, K.O. Nayana	Surface modification of zinc by new organic compounds and its corrosion study	Der PharmaChemica, 2011, 3 (6):565-575	---
27	B.M. Praveen , T.V. Venkatesha	New brightener for Zn-Ni alloy plating from sulphate	Chemical Engineering	1.5

		bath	Communications, 199 (6)(2012) 812-822	
28	B.M Praveen , T V Venkatesha, K G Chandrappa, S E Nataraj, M K Punith Kumara, S Ranganath, C M Praveen Kumar P Sarala and M K Pavithra	Metol as corrosion inhibitor for zinc	Transactions of Indian Institute of Metals, 65 (3) 2012, 297-302	0.8
29	B.S Shylesha, T.V. Venkatesha, B.M. Praveen , S.E. Nataraja	Acid corrosion inhibition of steel by lamotrigine	International Scholarly Research Network , ISRN Corrosion Volume 2012, Article ID 932403, 8 pages, doi:10.5402/2012/932403	0.5
30	Sachin H.P. Praveen B. M. and Abd Hamid S.B.	Corrosion Inhibition of Zinc by a New Inhibitor in Hydrochloric Acid Medium	<i>Research Journal of Chemical Sciences</i> ,Vol. 3(11) 82-89 (2013)	---
31	R.A. .Prabhu, T.V.Venkatesha, B.M. Praveen	Electrochemical study of the corrosion behavior of zinc surface treated with a new organic chelating inhibitor	International Scholarly Research Network , ISRN Metallurgy Volume 2012, Article ID 940107, 7 pages doi:10.5402/2012/940107	0.5
32	N. B. Rithin Kumar, Vincent Crasta, Rajashekar F. Bhajantri, and B.M. Praveen	Microstructural and Mechanical Studies of PVA Doped with ZnO and WO ₃ composites Films	Volume 2014, Article ID 846140, 7 pages http://dx.doi.org/10.1155/2014/846140	---
33	R. A. Prabhu, T. V. Venkatesha, B. M. Praveen , K. G. Chandrappa, S. B. Abd Hamid	Inhibition Effect of <i>Azadirachta indica</i> , a Natural Product, on the Corrosion of Zinc in Hydrochloric Acid Solution	Transactions of the Indian Institute of Metals, (2014) 67(5):675–679	0.8
34	A V Shanbhag, T. V. Venkatesha, B. M. Praveen , S. B. Abd Hamid	The Inhibition Effects of Chloroquinolines on the Corrosion of Mild Steel in Hydrochloric Acid Solution.	Journal Of Iron And Steel Research, International, 2014, 21 (8) 804-808	

35	A V Shanbhag, T. V. Venkatesha, B. M. Praveen , S. B. Abd Hamid	The Inhibition Effects of Chloroquinolines on the Corrosion of Mild Steel in Hydrochloric Acid Solution.	Journal Of Iron And Steel Research, International, 2014, 21 (8) 804-808	0.5
36	N. B. Rithin Kumar, Vincent Crasta, B. M. Praveen , B. Shreeprakash, and F. Viju	Micro structural studies of PVA doped with metal oxide nanocomposites films	AIP Conference Proceedings 1591, 493 (2014); (http://dx.doi.org/10.1063/1.4872650) (AIP Publications)	-
37	B. M. Prasanna, B M Praveen , NarayanaHebbar , T V Venkatesha, H C Tandon	Ketosulfone Drug as a Green Corrosion Inhibitor for Mild Steel in Acidic Medium	Industrial Engineering and Chemistry Research (ACS publication) 2014 , 53 (20), pp 8436–8444	3.0
38	NarayanaHebbar , B M Praveen , B M. Prasanna, , T V Venkatesha, <u>S. B. Abd Hamid</u>	Anthralic acid as corrosion inhibitor for mild steel in hydrochloric media	Procedia Materials Science 5 (2014) 712 – 718	---
39	, N. B. Rithin Kumar, Vincent Crasta, and B.M. Praveen	Advancement in Microstructural, Optical and Mechanical Properties of PVA (Mowiol 10-98) Doped by ZnO Nanoparticles	Physics Research International, Volume 2014, Article ID 742378, 9 pages http://dx.doi.org/10.1155/2014/742378	0.3
40	Polyethylene glycol as a corrosion inhibitor for lead and lead free solders in acidic medium	Vani R, Praveen B.M* and Girish Kumar,	International Journal of Mechanical Engineering and Robotics Research Vol. 4, No. 1, January 2015 128-135	0.5
41	NarayanaHebbar , B M Praveen , B M. Prasanna, , T V Venkatesha	Inhibition effect of an anti-HIV drug on the corrosion of zinc in acidic medium	Transactions of the Indian Institute of Metals, 68 (4) 543-551, 2015	0.8
42	N. B. Rithin Kumar, Vincent Crasta, and B.M. Praveen	Enhancement of Optical, Mechanical and Micro Structural Properties in	International Journal of Structural	0.5

		Nanocomposite Films of PVA doped with WO ₃ Nanoparticles	Integrity. Vol. 6 Iss: 3, pp.338 – 354, 2015	
43	SK Rajappa BM Praveen and TV Venkatesha	Chemical and electrochemical studies of ranitidine as a corrosion inhibitor for mild steel in hydrochloric acid medium	International Research Journal of Chemistry Vol. 1(2), pp. 010-017, 2014	-----
44	NarayanaHebbar,BM Praveen, BM Prasanna and TV Venkatesha	Corrosion inhibition behavior of ketosulphide for mild steel in acidic medium	International Research Journal of Chemistryvol. 2(1), pp. 018-020, January, 2015	---
45	Mohan Reddy R, BM Praveen , CM Praveen Kumar, T V Venkatesha	. Pulse Electrodeposition, characterization and corrosion behavior of Ni–Si ₃ N ₄ composites	Journal of Materials Engineering and Performance 24(5) (2015) 1987-1994	1.5
46	Mohan Reddy R, BM Praveen	Development of Ni-Si ₃ N ₄ Nanocomposites by Electrodeposition	International Journal of Engineering Sciences & Research Technology, 4(2): February, 2015, 505-508	3.2
47	BM Prasanna, BM Praveen, NarayanaHebbar and TV Venkatesha	Anticorrosion Potential of Hydralazine for corrosion of mild steel in 1 M hydrochloric acid solution	Journal of Fundamental and Applied science, 2015, 7(2) 222-243.	0.6
48	NarayanaHebbar,BM Praveen, BM Prasanna and TV Venkatesha	Corrosion Inhibition behavior of Ketosulfone for zinc in acidic medium	Journal of Fundamental and Applied science, 2015, 7(2) 271-279.	0.6
49	Chandrappa K.G, Venkatesha T.V., Praveen B.M. andShylesha B.S.	Generation of Nanostructured MgO Particles by Solution Phase Method	<i>Research Journal of Chemical Sciences</i> Vol. 5(5), 13-18, May (2015)	---
50	Rithin Kumar N B, Vincent Crasta, B. M. Praveen, and Shreeprakash B	Enhancement of micro structural properties of PVA doped with MWCNT's and metal oxide nanocomposites films	Citation: AIP Conference Proceedings 1665, 140002 (2015); doi: 10.1063/1.4918211	---

51	Mohan Reddy R, Praveen B. M , Praveen C. M, Venkatesha T. V, and Rithin Kumar N B	Development and characterisation of Ni-Si ₃ N ₄ nanocomposites	AIP Conference Proceedings 1665, 080031 (2015); doi: 10.1063/1.4917935	---
52	. NarayanaHebbar ,Praveen B M ,Prasanna B M , T V Venkatesha	The Corrosion inhibition effect of Hydralazine.HCl on the zinc in Acidic media	Moroccan Journal of Chemistry, 3 (3) (2015) 496-506.	0.35
53	BM Prasanna , BM Praveen , NarayanaHebbar , TV Venkatesha , HP Sachin , KG Chandrappa and SB Abd Hamid	The inhibition effect of hydralazine hydrochloride on corrosion of mild steel in hydrochloric acid solution	International Research Journal of Chemistry and Chemical Sciences Vol. 2(2), pp. 021-025	---
54	NarayanaHebbar, B. M. Praveen , B. M. Prasanna, T V. Venkatesha	Anticorrosion potential of a pharmaceutical intermediate Floctafenine for zinc in 0.1 M HCl solution	International Journal of Industrial chemistry (2015) 6:221–231, DOI 10.1007/s40090-015-0049-5	---
55	Rithin Kumar N B, Vincent Crasta, B. M. Praveen	Studies on Structural, Optical and Mechanical Properties of MWCNTs and ZnO nanoparticles doped PVA nanocomposites	Nanotechnology Reviews , 4(5), 2015, 457-468	1.0
56	NarayanaHebbar, B.M Praveen , B.M Prasanna, T V Venkatesha, and S.B. Abd Hamid	Adsorption, thermodynamic, and electrochemical studies of ketosulfide for mild steel in acidic medium	Journal of Adhesion Science and Technology, Vol. 29, No 24, 2692–2708, 2015, http://dx.doi.org/10.1080/01694243.2015.1081781	1.2
57	, PoornimaShetty, Praveen B M , M. Raghavendra ·K. Manjunath, Srinivas Cheruku	SYNTHESIS AND ANTIMICROBIAL EVALUATION OF "NOVEL 4-AMINO-6-(1,3,4-OXADIAZOLO/1,3,4-THIADIAZOLO)-PYRIMIDINE DERIVATIVES.	Molecular Diversity. (2016) 20:391–398 DOI 10.1007/s11030-015-9640-0	2.5
58	B. M. Prasanna, B. M. Praveen , NarayanaHebbar , T V. Venkatesha	Corrosion inhibitory action of mild steel in 1M HCl by Chlorophenicol	Moroccan Journal of Chemistry, 3(4) 2015 824-837	0.35
59	Prasanna B.M, Praveen B.M , Narayan Hebbar , T.V.VenkateshaH.C.TandonS.B.AbdHamid,	Electrochemical Study on inhibitory effect of Aspirin on Mild Steel in 1M hydrochloric acid	Journal of the Association of Arab Universities for Basic and Applied Sciences (2017) 22, 62–69	1.7
60	B.M. Prasanna, B.M.Praveen , NarayanaHebbar , T.V.	. Inhibition Study of Mild Steel Corrosion in 1 M	Internnational Journal of Inustrial	---

	VenkateshaH.C.Tandon	Hydrochloric Acid solution by 2- Chloro 3-formylquinoline	chemistry (2016) 7:9–19 DOI 10.1007/s40090-015-0064-6	
61	B.M. Prasanna , B.M. Praveen , NarayanaHebbar , T.V. Venkatesha	Experimental and theoretical studies of hydralazine hydrochloride as corrosion inhibitor for mild steel in HCl acid medium	Anti-Corrosion Methods and Materials, Volume: 63 Issue: 1, 2016, PP 47-55	0.7
62	. R. Mohan Reddy, B. M. Praveen , K. G. Chandrappa and K. O. Nayana	Generation of Ni–Si ₃ N ₄ nanocomposites by DC, PC and PRC electrodeposition methods	Surface Engineering, 32(7) 501-507, 2016 : http://dx.doi.org/10.1080/02670844.2016.1148323	0.8
63	R. Mohan Reddy, B. M. Praveen , C.M. Praveen Kumar, T.V. Venkatesha,	Ni - Si ₃ N ₄ Electrodeposition, Properties and corrosion behavior	Surface Engineering and Applied Electrochemistry, 2017, Vol. 53, No. 3, pp. 258–264	1.0
64	PoornimaShetty, BeekanahalliMokshanatha Praveen , Srinivas Cherukua, MamjojiRaghavendra and KumsiManjunath	Synthesis and Antimicrobial Evaluation of 6-(4-(4-Chlorophenylamino)piperidine-1-yl) pyrimidin-4-amino Analogues	<i>Iranian Journal of Organic Chemistry</i> Vol. 8, No. 2 (2016) 1755-1764	1.5
65	NB Rithin Kumar, Vincent Crastaand BMPraveen 3(5) (2016) 055012, doi:10.1088/2053-1591/3/5/055012	Dielectric and electric conductivity studies of PVA (Mowiol 10-98) doped with MWCNTs and WO ₃ nanocomposites films	Materials Research Express 3(5) (2016) 055012, doi:10.1088/2053-1591/3/5/055012	0.5
66	R. Mohan Reddy, B.M. Praveen and C.M. Praveen Kumar,	Ni-Nb ₂ O ₅ Composites Prepared by Pulse Electrodeposition Method	Surface Engineering and Applied Electrochemistry, 2017, Volume 53, Issue 2 , pp 179–185, doi:10.3103/S1068375517020090	1.0
67	PoornimaShetty, B M Praveen , Srinivas Cherukua, T V Venkatesha, Vathsala.	Microwave-Assisted, Palladium Catalyzed Synthesis of Novel 4,6-Diamino Pyrimidine Derivatives.	International journal of Innovative research and Development 5(11) 2016, 118-123.ISSN 2278 – 0211	1.2

68	N. B. Rithin Kumar, B. M. Praveen , Vincent Crasta	ElectroactiveSulfonatedPolysulfone Polymer as Corrosion Inhibitor for Mild Steel in Acidic Medium	Journal of Bio and Tribo Corrosion, 3 (4) 2017 1-10 DOI 10.1007/s40735-017-0106-z	0.3
69	Praveen B M, Prasanna B M, and NarayanaHebbar	Experimental approach of Sulfamethoxazole as a corrosion Inhibitor for Carbon Steel in 1M HCl	JNNCE Journal of Engineering and Management (JJEM) 1(1)2017 1-4.	---
70	PoornimaShettya , B. M. Praveen, Srinivas Cherukua , M. Raghavendraba , K. Manjunath	Synthesis and antimicrobial evaluation of some novel 6-(4-benzylpiperidin-1-yl)-4-amino/benzylamino/phenylamino/phenoxy-pyrimidine derivatives	Iranian Journal of Organic Chemistry Vol. 9, No. 3(2017) 2123-2133	1.5
71	H.P. Sachin and B M Praveen	Treatment of Industrial Azo Dye Effluents by Electrochemical Technique and Its COD Measurement	Journal of Applicable Chemistry 2017, 6 (6): 1149-1157	0.5
72	NarayanaHebbar . B. M. Praveen . B. M. Prasanna . H. P. Sachin	Anticorrosion Potential of Flectofenine on Mild Steel in Hydrochloric Acid Media: Experimental and Theoretical Study	Journal of failure analysis and prevention https://doi.org/10.1007/s11668-018-0416-6	0.4
73	B. M. Praveen , B. M. Prasanna, NarayanaHebbar, P. Shivakeshava Kumar, M. R. Jagadeesh,	Experimental and Theoretical Studies on Inhibition Effect of the Praziquantel on Mild Steel Corrosion in 1 M HCl	https://doi.org/10.1007/s40735-018-0137-0	--
74	Bhat, D.K. and Shenoy, S.U.	Enhanced Thermoelectric Performance of Bulk Tin Telluride: Synergistic Effect of Calcium and Indium Codoping.	<i>Mat. Today Phys.</i> , 4, 12 – 18, 2018, ISSN: 2542-5293 DOI: https://doi.org/10.1016/j.mtphys.2018.02.001 Elsevier publication	
75	Sadiq, M.M.J., Shenoy, S.U. and Bhat, D.K.	Novel NRGO-CoWO ₄ -Fe ₂ O ₃ nanocomposite as an efficient catalyst for dye	<i>Mat. Chem. Phys.</i> , 208, 112 – 122, 2018,	: 2.084

		degradation and reduction of 4-nitrophenol.	ISSN: 0254-0584 DOI:https://doi.org/10.1016/j.matchemphys.2018.01.012. Elsevier publication	
76	Shenoy, S.U. and Shetty, N.A.	A Simple Single Step Approach towards Synthesis of Nanofluids Containing Cuboctahedral Cuprous Oxide Particles Using Glucose Reduction.	<i>Front. Mater. Sci.</i> , 12, 74 – 82, 2018, ISSN: 2095-0268 DOI: https://doi.org/10.1007/s11706-018-0411-6. Springer publication	SCI impact factor: 1.471
77	Perumal, S., Bellare, P., Shenoy, S.U. , Waghmare, U.V. and Biswas, K.	Low Thermal Conductivity and High Thermoelectric Performance in Sb and Bi co-doped GeTe: Complementary Effect of Band Convergence and Nanostructuring.	<i>Chem. Mater.</i> , 29, 10426 – 10435, 2017, ISSN: 1520-5002 DOI:10.1021/acs.chemmater.7b04023. ACS publication	SCI impact factor: 9.466
78	Shenoy, S.U. and Bhat, D.K.	Enhanced Bulk Thermoelectric Performance of Pb _{0.6} Sn _{0.4} Te: Effect of Magnesium Doping.	<i>J. Phys. Chem. C</i> , 121, 20696 – 20703, 2017, ISSN: 1932-7447 DOI:10.1021/acs.jpcc.7b07017. ACS publication	SCI impact factor: 4.536
79	Sadiq, M.M.J., Shenoy, S.U. and Bhat, D.K.	NiWO ₄ -ZnO-NRGO ternary nanocomposite as an efficient photocatalyst for degradation of methylene blue and	<i>J. Phys. Chem. Solids</i> , 109, 124 – 133, 2017,	SCI impact factor: 2.048

		reduction of 4-nitro phenol.	ISSN: 0022-3697 DOI:10.1016/j.jpccs.2017.05.023. Elsevier publication	
80	Sadiq, M.M.J., Shenoy, S.U. and Bhat, D.K.	Enhanced photocatalytic performance of N-doped RGO-FeWO ₄ /Fe ₃ O ₄ ternary nanocomposite in environmental applications.	<i>Mat. Today. Chem.</i> , 4, 133 – 141, 2017, ISSN: 2468-5194 DOI: http://dx.doi.org/10.1016/j.mtchem.2017.04.003 . Elsevier publication	ESCI
81	Bhat, D.K. and Shenoy, S.U.	High Thermoelectric Performance of Co-Doped Tin Telluride Due to Synergistic Effect of Magnesium and Indium.	<i>J. Phys. Chem. C</i> , 121(13), 7123 – 7130, 2017, ISSN: 0022-3697 DOI:0.1021/acs.jpcc.7b00870. ACS publication	SCI impact factor: 4.536
82	Roychowdhury, S., Shenoy, S.U. , Waghmare, U.V. and Biswas, K.	An enhanced Seebeck coefficient and high thermoelectric performance in p-type In and Mg co-doped Sn _{1-x} Pb _x Te via the co-adjuvant effect of the resonance level and heavy hole valence band.	<i>J. Mater. Chem. C</i> , 5, 5737 – 5748, 2017, ISSN: 2050-7534 DOI:10.1039/C7TC00009J. RSC publication	SCI impact factor: 5.256
83	Shenoy, S.U. , Waghmare, U.V., Lingampalli, S.R., Roy, A. and Rao, C.N.R.	Effects of aliovalent anion substitution on the electronic structures and properties of ZnO and CdS.	<i>Isr. J. Chem.</i> , 57, 477 – 489, 2017, ISSN: 1869-5868 DOI: 10.1002/ijch.201600120. Wiley-VCH publication	SCI impact factor: 2.455

84	Banik, A., Shenoy, S.U. , Saha, S., Waghmare, U.V. and Biswas, K.	High Power Factor and Enhanced Thermoelectric Performance of SnTe-AgInTe ₂ : Synergistic Effect of Resonance Level and Valence Band Convergence.	<i>J. Am. Chem. Soc.</i> , 138, 13068 – 13075, 2016, ISSN: 1520-5126 DOI: 10.1021/jacs.6b08382. ACS publication	SCI impact factor: 13.858
85	Roy, A., Shenoy, S.U. , Manjunath, K, Vishnoi, P., Waghmare, U.V. and Rao, C.N.R.	Structure and Properties of Cd ₄ P ₂ Cl ₃ , an Analogue of CdS.	<i>J. Phys. Chem. C</i> , 120, 15063 – 15069, 2016, ISSN: 0022-3697 DOI: 10.1021/acs.jpcc.6b04058. ACS publication	SCI impact factor: 4.536
86	Sadiq, M.M.J., Shenoy, S.U. and Bhat, D.K.	Novel RGO/ZnWO ₄ /Fe ₃ O ₄ nanocomposite as high performance visible light photocatalyst.	<i>RSC Adv.</i> , 6, 61821 – 61829, 2016, ISSN: 2046-2069 DOI: 10.1039/C6RA13002J. RSC publication	SCI impact factor: 3.108
87	Lingampalli, S.R., Manjunath, K, Shenoy, S.U. , Waghmare, U.V. and Rao, C.N.R.	Zn ₂ NF and Related Analogues of ZnO.	<i>J. Am. Chem. Soc.</i> , 138, 8228 – 8234, 2016, ISSN: 1520-5126 DOI: 10.1021/jacs.6b04198. ACS publication	SCI impact factor: 13.858
88	Roychowdhury, S., Shenoy, S.U. , Waghmare, U.V. and Biswas, K.	Effect of potassium doping on electronic structure and	<i>Appl. Phys. Lett.</i> , 108, 193901-1 –	SCI impact

		thermoelectric properties of topological crystalline insulator.	193901-5, 2016, ISSN: DOI: 10.1063/1.4948969. AIP publication	factor: 3.411
89	Shenoy, S.U. , Gupta, U., Narang, D.S., Late, D.J., Waghmare, U.V. and Rao, C.N.R.	Electronic structure and properties of layered gallium telluride.	<i>Chem. Phys. Lett.</i> , 651, 148 –154, 2016, ISSN: 0009-2614 DOI: http://dx.doi.org/10.1016/j.cplett.2016.03.045 . Elsevier publication	SCI impact factor: 1.815
90	Roychowdhury, S., Shenoy, S.U. , Waghmare, U.V. and Biswas, K.	Tailoring of Electronic Structure and Thermoelectric Properties of a Topological Crystalline Insulator by Chemical Doping.	<i>Angew. Chem. Int. Ed.</i> , 54, 15241 – 15245, 2015, ISSN: 1433-7851 DOI: 10.1002/anie.201508492. Wiley-VCH publication	SCI impact factor: 11.994
91	Subramanya, B., Bhat, D.K., Shenoy, S.U. , Ullal, Y. and Hegde, A.C.	Novel Fe-Ni-Graphene Composite Electrode for Hydrogen Production.	<i>Int. J. Hydrogen Energy</i> , 40, 10453 – 10462, 2015, ISSN: 0360-3199 DOI: http://dx.doi.org/10.1016/j.ijhydene.2015.06.040 . Elsevier publication	SCI impact factor: 3.582

92	Subramanya, B., Ullal, Y., Shenoy, S.U. , Bhat, D.K. and Hegde, A.C.	Novel Co-Ni-Graphene Composite Electrodes for Hydrogen Production.	<i>RSC Adv.</i> , 5, 47398 – 47407, 2015, ISSN: 2046-2069 DOI: 10.1039/C5RA07627G. Elsevier publication	SCI impact factor: 3.108
93	Banik, A., Shenoy, S.U. , Anand, S., Waghmare, U.V. and Biswas, K.	Mg Alloying in SnTe Facilitates Valence Band Convergence and Optimizes Thermoelectric Properties.	<i>Chem. Mater.</i> , 27, 581 – 587, 2015, ISSN: 1520-5002 DOI: 10.1021/cm504112m . ACS publication	SCI impact factor: 9.466

Format for Conference Publications

Si NO	Authors	Title	Name of the Conference	Date, Venue of the Conference
01	N. B. Rithin Kumar, Vincent Crasta, B. M. Praveen , B. Shreeprakash, and F. Viju	Micro structural studies of PVA doped with metal oxide nanocomposites films	AIP Conference Proceedings 1591, 493 (2014); (http://dx.doi.org/10.1063/1.4872650) (AIP Publications)	VIT, Tamilnadu
02	NarayanaHebbbar, B M Praveen , B M. Prasanna, , T V Venkatesha, <u>S. B. AbdHamid</u>	Anthralic acid as corrosion inhibitor for mild steel in hydrochloric media	Procedia Materials Science 5 (2014) 712 – 718	NITK, Surathkal

Format for Projects

Si No	Title	Name of the Principal Investigator	Sanctioned amount	Sponsored agency	Status Completed /Ongoing
01	Modernization of Chemistry laboratory	Dr.Praveen B M	9,00,000 /-	AICTE under MODROBS scheme	Completed
02	Development of Nickel Si ₃ N ₄ nano particles composite coating by Pulse Electrodeposition method and their corrosion behavior for Technological applications”	Dr.Praveen B M	24,16,000/-	DST under Fast Track Scheme for young scientist	Completed
03	Development of Nickel – Nano Particles composites by Electrodepsoition Method for Industrial Applications	Dr.Praveen B M	30,000,00/-	Centres Of Innovative Science And Engineering Education (CISEE) BY VGST, Govt. of Karnataka	On Going
04	Development of Nanostructured Multilayer Coating by Electrodeposition for Aerospace Application at elevated temperature and its corrosion studies	Dr.Praveen B M	19,50,000/-		ongoing