

Resume

Name : DR. Y. ARTHOBA NAYAKA
Father Name : YANJERAPPA
Date of Birth : 11-09-1971
Sex : Male
Nationality : Indian
Marital Status : Married
Languages known : Kannada, English & Hindi,
Designation : **SENIOR PROFESSOR**



Address : Department of Studies and Research in Chemistry,
Kuvempu University, SHANKARAGHATTA,
Shimoga District, Karnataka, India, 577 451.
Phone: 08282-256308(O), 257541(R)
Mobile: +91 94488 55078
E-mail: drarthoba@yahoo.co.in
drarthoba@kuvempu.ac.in
Fax: 08282-656255

Educational Qualifications

Qualification	Name of the board/ University	Year of Passing	Subjects Studied	Class Obtained	% of Marks
SSLC	KSEE Board, Bangalore, Karnataka.	1988	Science, Maths, Social studies, Languages-Kannada, English and Hindi.	I Class	67.33
B.Sc.	Kuvempu University, Shimoga, Karnataka.	1995	Physics Chemistry and Mathematics.	I Class	70.00
M.Sc.	Kuvempu University, Shimoga, Karnataka.	1997	Chemistry	I Class/ I Rank	72.72
NET	CSIR-UGC	1997	Chemical Sciences	CSIR-JRF	-
SLET	KSETC Board, Bangalore	1997	Chemistry	-	-
Ph.D	Kuvempu University, Shimoga, Karnataka.	2002	Electrochemistry (Industrial Zinc Electroplating)	-	-

Teaching and Research Experience:

Designation	Subjects taken	Duration	Place of work
Guest Lecturer	Chemistry (Theory and Practicals)	One year 1997-1998	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Lecturer	Chemistry (Theory and Practicals)	11-05-1998 to 31-12-2002	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Senior Scale Lecturer	Chemistry (Theory and Practicals)	01-01-2003 to 10-05-2007	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Reader	Chemistry (Theory and Practicals)	11-05-2007 to 10-05-2010	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Associate Professor	Chemistry (Theory and Practicals)	11-05-2010 to 10-05-2013	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Professor	Chemistry (Theory and Practicals)	11-05-2013 to 10-05-2023	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.
Senior Professor	Chemistry (Theory and Practicals)	11-05-2023 to present	Department of PG Studies and Research in Chemistry, Kuvempu University, Shimoga Dist. Karnataka.

Research Experience: Since 1998.

Title of the Research Work:

Development and Optimization of Brighteners for Industrial Zinc Electroplating from Acid and Non-Cyanide Alkaline Baths.

Awards & Patents

Awards:

Gold Medal: Puranik Mathada Veeraiah Memorial Gold Medal for securing **I Rank** in M.Sc.

Best Paper Award: Studies on nanocrystalline zinc coating [31(4), 585-591, 2008]. This paper has been awarded the **MRSI Prize** for the **Best Paper** published in the Bulletin of Materials Science in the year 2008. 10-02-2009.

Amulya-2012 award: Appreciation Certificate given by the **Karnataka State Innovation Council & Department of Industries and Commerce, Govt. of Karnataka** for having filed an application entitled “Absolute Graphite Electrode System For Voltammetric Studies And Thereof (Patent Filling Number: 3512/CHE/2012) before the Indian Patent Office.

Nomination to Shanti Swarup Bhatnagar Prize: Nominated three times (2013, 2014 and 2015) by Kuvempu University for the prestigious **Shanti Swarup Bhatnagar Prize** for Science & Technology, Human Resource and Development, Govt. of India.

Patents:

Absolute Graphite Electrode System For Voltammetric Studies And Thereof (Patent Filling Number: 3512/CHE/2012) – Filed before the Indian Patent Office.
Granted: Patent No. 346059, 04.09.2020.

Companies/ Research Centers by Alumni:

Dr. Chathana, B.K.

Rohini Scientific – A Biotechnology Company,
Maratha Beedi, Narasimhaswamy Temple Road, Old Town
Bhadravathi – 577301

Email: rohiniscientific@gmail.com

Web: www.rohiniscientific.com

Dr. Kalachar, H.C.B.

DR. ARTHOS SOLUTIONS PRIVATE LIMITED,
Door No. 4-838, First Floor, Shivanagar, Dharmavaram,
Anantapur, Andrapradesh, India-515671.

Research Projects:

Sl. No.	Title of the Project	Funding Agency/ Head	Amount (Rs.)	Major/ Minor	P.I/ C.I	Remarks
01	The Effect of Aldehydes, Amines, & Ketones on Electrodeposition of Zinc from acid baths.	Kuvempu University, Shankaraghatta, Shimoga / UGC Unassigned Grants	15,000=00	Minor	P.I.	Completed
02	Solar energy based electrochemical recovery of heavy metals from industrial effluents-An eco-friendly process	University Grants Commission (UGC), New Delhi	6,48,00=00	Major	P.I.	1-4-2007 to 31-3-2010 Completed
03	Development of new pollution-free addition agents for industrial zinc plating.	University Grants Commission (UGC), New Delhi	3,47,600=00	Major	C.I.	1-4-2007 to 31-3-2010 Completed
04	Chemical and Electro-chemical Generation of ZnO, CuO, SnO ₂ , TiO ₂ , Fe ₂ O ₃ and MgO nanoparticles for the degradation of Textile Dyes from Industrial Effluents (Low-cost, Eco-friendly And Renewable Method)	DST, New Delhi	33,75,680=00	Major	P.I.	March 2009 to Feb. 2012 Completed
05	Tailoring of substituted metal phthalocyanines for solar energy harvesting	UGC, New Delhi	8,09,800=00	Major	C.I.	March 2010 to Feb. 2013 Completed
06	Generation of metal oxide Nanoparticles for ground Water purification – A low-Cost and eco-friendly Method.	VTU, Belgaum	19,11,000=00	Major	C.I.	Ongoing Dec 2010 to Nov. 2013 Completed
07	Generation of dye sensitized Transition metal doped semiconductors for efficient solar energy harvesting-A-Cost Method	SERB (DST), New Delhi	12,00,000=00	Major	P.I.	Completed 2013 – 2015
08	Two Days National Conference On Exploring Innovative Research and Developments Chemical Sciences	SERB (DST), New Delhi	75,000=00	Minor	P.I.	Completed 2019

Ph.D. / M.Phil. Guidance

Ph.D. Guidance (Awarded):

Order number: KU:AC-4:64:3301:2003-2004 dated 26thAugust 2003

Sl. No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Sachin, H.P.	Electro organic synthesis of some technologically important compounds 08-06-2004, 640 / 15-05-2007
2	Ganesha Achary	Synthesis of electro active organic compounds for the surface modification of some industrially important metals 08-06-2004, 641 / 13-07-2007
3	Shivakumara, S.	Electrodeposition of zinc and its alloys for industrial Applications. 09-11-2005, 715 / 19-02-2008
4	Muralidhara, H.B.	A study on the effect of electroactive compounds on electroplating of zinc and its alloys 28-02-2006, 833 / 04-12-2008
5	John, A. Kallikat	Development of new synthetic methodologies towards the synthesis of some cinnamic esters and nitrogen heterocycles and their biological activity studies 21-10-2006, 951 / 09-02-2009
6	Basavanna, S.	Electrodeposition of zinc alloys and composites for industrial applications 21-10-2006, 956 / 07-12-2009
7	Sheela, T. (Under UGC Project)	Preparation of Nanoparticulate Metal oxides and Hydroxides and their Application in the Removal of Toxic Heavy Metal Ions from Wastewater KU/EB/Ph.D-143/049/2012, 21-03-2012.
8	Kalachar, H.C.B.	Electrochemical investigation of aminoacids, peptides and proteins for their neurotransmitt-ing activity KU/EB/Ph.D.-57/6486/2012, 14-08-2012
9	Vishwanatha, R. (Under DST Project)	Preparation of metal oxide nanoparticles as materials for solar energy harvesting devices KU/EB/Ph.D.-256/14972/2012-2013, 06-03-2013
10	Chethan, B.K.	Voltammetric studies on biologically important organic compounds available in commercial samples and in plant extracts. KU/EB/Ph.D.-256/14972/2012-2013, 06-03-2013
11	Vidyasagar, C.C.	Synthesis and Characterization of semiconducting nanoparticles for voltaic cells. KU/EB/Ph.D.-145/14971/2012-2013, 06-03-2013
12	Venkatesha, T.G. (Under DST Project)	Generation of nanomaterials and their application for the removal of organic water pollutants. KU/EB/Ph.D.-145/14971/2012-2013, 06-03-2013

13	Naveen Kumar, T.	Kinetic and mechanistic studies of some biologically important molecules by analytical techniques. Reg.: 2009. Award.: KU/EB/Ph.D.,CHE:07(15)/1284/2019-2020, 04-05-2019.
14	Deepa, K.	Synthesis of Nano/Micro structured metal oxides and development of corrosion resistant coatings. Reg. 2015. Award: KU/EB/Ph.D.-1/Che:203:10476: 2019-2020, 20.02.2020.
15	Yathisha, R.O.	GENERATION OF DYE-SENSITIZED TRANSITION METAL DOPED SEMICONDUCTORS FOR EFFICIENT SOLAR ENERGY HARVESTING-A LOW-COST METHOD. Reg.: 2015. KU/EB/Ph.D-1/:Che:225:11116:2019-2020, 04-03-2020.
16	Manjunatha, P.	DEVELOPMENT OF MODIFIED ELECTRODES FOR THE ELECTEROCHEMICAL INVESTIGATION OF BIOLOGICALLY IMPORTANT MOLECULES. Reg.: 2012. KU/EB/Ph.D-1/:Che:1(09):11286:2019-2020, 10-03-2020.
17	Purushothama, H.T.	Electrochemical Studies on Cardiovascular Drugs and Antidepresants using Modified Electrodes. Regn.: 206/ 18-02-2015 Award: KU/EB/Ph.D-1/:Che:206:632:2019-2020, 18-06-2020.
18	Basavarajappa, K.V.	SYNTHESIS OF NOVEL COUMARIN DYES FOR EFFICIENT DYE-SENSITISED SOLAR CELLS (DSSCs) APPLICATION. Reg.: KU/AC/Ph.D:AC-02/3124: 2015-16, Date: 28.08.2015. Award: 2020
19	Thippeswamy, D.	Development of Low-Cost and Non-Toxic Aqueous Electroplating Baths for Composite Coatings. Reg.: KU/CHE/Ph.D./PRG-04/ 31-01-2012. Award: 06.02.2021
20	Vinay, M.M	Development of Electrochemical Sensors for the Investigation of Anti-Pyretics and Anti-Bacterial Drugs in Pharmaveuticals and Real Samples. Award: 2021

Ph.D. Co-Guidance (Awarded):

Sl.No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Shankarsha, N.	Design of organic molecules as surface modifiers for some industrially important metals 12-04-2004, 583 / (Awarded)
2	Praveena, B.M.	A study on the effect of addition agents on electrodeposition and corrosion of zinc 23-03-2006, 819 / (Awarded)
3	Prakash Kariyajjanavar	Chemical and Electrochemical degradation of industrial effluents 14-06-2007, 1028 / KU/EB/Ph.D-1028/12266/2011-12, Date: 30.01.2012./ (Awarded)
4	Deepa, M.B.	Cyclic voltammetric studies of some bioactive molecules at modified electrodes/ (Awarded)
5	Veena, M.S.	Kinetics Study of Important Biological Compounds Using Voltammetry and Spectroscopic Techniques November 2010, 1KS10PGN01 Date: 09-01-2018 Awarded: 2018
6	Rangaswamy, P.	Low-Temperature Synthesis of Fluorophosphates Electrode Materials for Rechargeable Lithium and Sodium Ion Batteries. (Awarded)

Ph.D. Guidance (Working):

Sl. No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Pradeepa, E.	Electrochemical studies on biologically important electroactive compounds 634/28.01.2020.
2	Gireeshkumar, B.C.	Flow Batteries 860/03.09.2021.
3	Sharath Kumar B.	Electrochemical energy systems 861/03.09.2021.
4	Malashri B.S.	Development of Transition Metal based electrocatalysts for Energy Storage Devices, 17/07-07-2022
5	Sahana H.R.	Development of electrochemical sensors for the voltammetric investigation of some pesticides, 18/07-07-2022
6	Aishwarya K.G.	Development of modified electrodes for voltammetric investigation of heavy metal ions and biologically important electroactive molecules, 50/28-07-2022
7	Chaithra. J	Development of Electroplating bath solutions for the

	electrodeposition of Zn-Nanocomposites for industrial applications. 168/11-08-2023
--	---

M.Phil. Guidance (Awarded):

Sl. No	Name of the candidate	Research Topic / Reg. date Reg. No./ Date of Award
1	D. Thippeswamy	Electrodeposition of Zn-Mn alloy for industrial applications. 01-08-2007 / 09-02-2009
2	S. Manjunatha	Electrodeposition of Zn for industrial applications from acid bath. 01-08-2007 / 12937, 09-02-2009
3	Nagabhushana	Electrodeposition of Zn-Ni alloy from acid sulphate bath. 01-08-2007 / 12940, 09-02-2009
4	S. Bindiya	Electrochemical Deposition of Composite Coating and Their Characterization KU/EB/M.Phil /0825/ 26-11-2010.

Publications (as on 21-03-2025) : 165

Citations (as on 21-03-2025) : 4709

H-Index (as on 21-03-2025) : 34

i10-Index (as on 21-03-2025) : 82

Scopus Indexed (as on 1-03-2021) : 103

Book Citations : 06

Research gate total Reads (as on 21-03-2025) : 31,737

List of Papers Published:

Sl. No.	Title of the paper, Authors, <i>Journal</i> , IF, Vol./ Ed., Page No., Year.
165	Selective detection of carbendazim in the presence of 2,4-dichlorophenoxyacetic acid via electrochemical route using CTAB@MET modified pencil graphite electrode as a sensor, H.R. Sahana, Y. Arthoba Nayaka, E. Pradeepa, <i>Journal of Molecular Structure</i> , 1330 (2025) 141476, IF(4.0), https://doi.org/10.1016/j.molstruc.2025.141476 . (Published on 17.01.2025)
164	Electrochemical investigation of nickel selenide/carbon spheres composite as an electrode material for high efficiency supercapacitors, Malashri Boraiah Sannaobaiah, Sharath Kumar Basavaraju, Gireeshkumar Basavaraj Chavati, Muralidhara Handanahalli Basavarajaiah, Krishna Venkatesh, Arthoba Nayaka Yanjerappa, <i>Journal of the Indian Chemical Society</i> , 102 (2025) 101487, https://doi.org/10.1016/j.jics.2024.101487 .
163	Electrochemical determination of ascorbic acid using sensitive and disposable methylene blue modified pencil graphite electrode, K.G. Aishwarya, Y. Arthoba Nayaka, E. Pradeepa, H.R. Sahana, <i>Analytical Biochemistry</i> , 698 (2025) 115733, https://doi.org/10.1016/j.ab.2024.115733 .
162	Engineering Graphene Oxide-Incorporated Iron Vanadate Nanocomposites as Electrode Material for High-Performance Redox Flow Battery and Supercapacitor Performances, Sharath Kumar Basavaraju, Gireeshkumar Basavaraj Chavati, Malashri Boraiah Sannaobaiah, Handanahally Basavarajaiah Muralidhara, Arthoba Nayaka Yanjerappa,* Krishna Venkatesh, and Keshavanarayana Gopalakrishna, <i>ACS Applied Electronic Materials</i> , 6 (2024) 8912-8928. I.F.(4.3), https://doi.org/10.1021/acsaelm.4c01614 .
161	Synergetic Functionalization of the ZnS@ASCs Biocomposite: For Enhanced Electrochemical Performance of Redox Flow Batteries and Supercapacitors, Gireeshkumar Basavaraj Chavati, Sharath Kumar Basavaraju, Arthoba Nayaka Yanjerappa, Handanahally Basavarajaiah Muralidhara, Krishna Venkatesh, and Keshavanarayana Gopalakrishna, <i>ACS Applied Electronic Materials</i> , 6 (2024) 6072-6084. I.F.(4.3), https://doi.org/10.1021/acsaelm.4c00943 .
160	Development of simple and effective poly methyl orange modified pencil graphite electrode for the voltammetric investigation of aminotriazole in presence of 2,4-dichlorophenoxyacetic acid, H.R. Sahana, Y. Arthoba Nayaka, E. Pradeepa, <i>Microchemical Journal</i> , Elsevier, 199 (2024) 109959. I.F.(4.8), https://doi.org/10.1016/j.microc.2024.109959 .
159	Development of an inexpensive poly(MO)/CNT@PGE for voltammetric investigation of Methocarbamol in presence of Levofloxacin, E. Pradeepa, Y. Arthoba Nayaka, H.R. Sahana, <i>Inorganic Chemistry Communications</i> , Elsevier, 161 (2024) 112041. I.F.(3.8), https://doi.org/10.1016/j.inoche.2024.112041 .
158	Electrochemical investigation of an anticancer drug 5-Fluorouracil in the presence of Theophylline using low-cost and disposable poly(GLY) modified pencil graphite electrode, E. Pradeepa, Y. Arthoba Nayaka, H.R. Sahana, <i>Analytical Biochemistry</i> , Elsevier, 2024 (687) 115451. I.F.(2.8), https://doi.org/10.1016/j.ab.2023.115451
157	Synthesis of Cauliflower-like Reduced Graphene Oxide Nickel Sulfide Nanocomposites for the Vanadium Redox Battery and Supercapacitor Application, Sharath Kumar Basavaraju, Gireeshkumar Basavaraj Chavati, Arthoba Nayaka Yanjerappa, Krishna Venkatesh, Manne Venkateswarlu, and Handanahally Basavarajaiah Muralidhara, <i>ACS Applied Electronic Materials</i> , 5 (2023), 5, 3698-3707, https://doi.org/10.1021/acsaelm.3c00426 .
156	Improving energy storage efficiency through carbon doping of niobium oxide nanomaterials derived from areca husk in redox flow batteries and supercapacitors, B.C. Gireeshkumar, B. Sharath Kumar, Y. Arthoba Nayaka, H.B. Muralidhara, Krishna Venkatesh, A. Ramadas, <i>Journal of Energy Storage</i> , Elsevier, 71 (2023) 108139. I.F.(8.90), https://doi.org/10.1016/j.est.2023.108139
155	Solvent free Synthesis of 2-[(5-methyl-1,3-benzoxazol-2-yl)sulfanyl] Acetohydrazide Derivatives as

	Novel Antimicrobial and Antitumor Agents, J. Paveendra, H.M. Vagdevi, D. Thippeswamy, Y. Arthobha Nayaka , <i>Journal of Pharmaceutical Research International</i> , 35 (2023) 36-45. DOI: 10.9734/JPRI/2023/v35i137368
154	Sensitive and selective determination of vanillin in the presence of dopamine and uric acid using low-cost and trouble-free pencil graphite electrode modified with methyl orange, E. Pradeepa, Y. Arthoba Nayaka , N.R. Manjushree, <i>Materials Chemistry and Physics</i> , 296 (2023) 127180. I.F(4.77), https://doi.org/10.1016/j.matchemphys.2022.127180
153	Combustion synthesis of Pr ₆ O ₁₁ nanoparticles as an effective and sensitive sensor for detection of vanillin in the presence of uric acid, E. Pradeepa, Y. Arthoba Nayaka , <i>Chemical Data Collections</i> , 41 (2022) 100917. Scopus (Elsevier), https://doi.org/10.1016/j.cdc.2022.100917
152	Cerium oxide nanoparticles via gel-combustion for electrochemical investigation of pantoprazole in the presence of epinephrine, E. Pradeepa, Y. Arthoba Nayaka , <i>Journal of Material Science: Materials in Electronics</i> , 33 (2022) 18374-18388. I.F(2.77), https://doi.org/10.1007/s10854-022-08692-x
151	Optoelectronic, DFT and current-voltage performance of new Schiff base 6-nitro-benzimidazole derivatives, K. Upendranath, Talavara Venkatesh, Y. Arthoba Nayaka , M. Shashank, G. Nagaraju, <i>Inorganic Chemistry Communications</i> , IF(2.495) , Vol. 139 (2022) 109354 , https://doi.org/10.1016/j.inoche.2022.109354
150	Fabrication of reduced graphene oxide/ruthenium oxide modified graphite electrode for voltammetric determination of tryptophan, Mahesh Bhaskar Hegde, Kikkeri Narasimha Shetty Mohana, Ambale Murthy Madhusudhana, M.M. Vinay, Y. Arthoba Nayaka & Ningappa Kumara Swamy, <i>Graphene and 2D Materials Technologies</i> , 6 (2021) 25-34 (Springer), https://doi.org/10.1007/s41127-021-00042-8
149	Co-deposition of micro and nano-sized SnO ₂ particles in the Zn-matrix composite coatings produced from a Zn-sulphate bath by electroplating, Deepa, K., Arthoba Nayaka, Y. , Purushothama, H.T., Yathisha, R.O., <i>Chemical Data Collections</i> , 32 (2021) 100657, https://doi.org/10.1016/j.cdc.2021.100657
148	Development of electrochemical and optoelectronic performance of new 7-[[1H-indol-3-ylmethylidene] amino]-4-methyl-2H-chromen-2-one dye, Talavara Venkatesh, K. Upendranath and Y. Arthoba Nayaka , <i>Journal of Solid State Electrochemistry</i> , Jan (2021), doi.org/10.1007/s10008-020-04892-9 .
147	Investigation the influence of Zn ²⁺ doping on the photovoltaic properties (DSSCs) of MgO nanoparticles, R.O. Yathisha, Y. Arthoba Nayaka , H.T. Purushothama, P. Manjunatha, K.V. Basavarajappa, M.M. Vinay, <i>Journal of Molecular Structure</i> , Vol. 1217 (2020) 128407 .
146	Development of Azure-B modified pencil graphite electrode as an electrochemical sensor for the investigation of Levofloxacin in pharmaceutical and biological samples, Vinay M.M., Y. Arthoba Nayaka , R.O. Yathisha, K.V. Basavarajappa, P. Manjunatha, H.T. Purushothama, <i>Chemical Data Collections</i> , 28 , 2020, 100441 .
145	Effect of solvents on structural, optical and electrical properties of ZnO nanoparticles synthesized by microwave heating route, R.O. Yathisha, Y. Arthoba Nayaka , <i>Inorg. Chem. Commun.</i> 115 (2020) 107877 .
144	Development of Single Walled Carbon Nanotube-Molybdenum Disulfide Nanocomposite/Poly-ethylene Glycol Modified Carbon Paste Electrode as an Electrochemical Sensor for the Investigation of Sulfadiazine in Biological Samples, Matad Mallikarjunaiah Vinay, Yanjerappa Arthoba Nayaka , Kempugonapla Virupakshappa Basavarajappa, Puttaiah Manjunatha, Hanumasagara Thimmappa Purushothama, and Rangapura Onkarappa Yathisha, <i>Anal. Bioanal. Electrochem.</i> , Vol. 12, No. 2 , 2020, 155-167 .
143	Optical and electrical properties of organic dye sensitized Cr-ZnO and Ni-CdO nanoparticles, R.O. Yathisha, Y. Arthoba Nayaka , <i>SN Applied Sciences</i> (2020) 2:451 .
142	Optical, electrochemical and current-voltage characteristics of novel coumarin based 2, 4-dinitrophenylhydrazone derivatives, KV Basavarajappa, Y Arthoba Nayaka , HT

	Purushothama, RO Yathisha, MM Vinay, BJ Rudresha, KB Manjunatha, <i>Journal of Molecular Structure</i> , 1199 , 2020, 126946.
141	Electrochemical Determination of Propranolol using Reduced Graphene Oxide Modified Carbon Paste Electrode, Hanumasagara Thimmappa Purushothama and Yanjerappa Arthoba Nayaka , <i>Analytical and Bioanalytical Electrochemistry</i> , 11 (3) 2019, 396-406.
140	An electrochemical study of Atenolol using Patton and Reeder's modified pencil graphite electrode as an electrochemical sensor, H.T. Purushothama, Y. Arthoba Nayaka , K.V. Basavarajappa, R.O. Yathisha, P. Manjunatha, M.M. Vinay, <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 1-12.
139	Pencil graphite electrode based electrochemical system for the investigation of antihypertensive drug hydrochlorothiazide: An electrochemical study, H.T.Purushothama, Y. Arthoba Nayaka , <i>Chemical Physics Letters</i> , Vol. 734 , 2019, 136718.
138	Electrochemical determination of Chlorpromazine using L-Cysteine modified carbon paste electrode, H.T.Purushothama, Y. Arthoba Nayaka , P.Manjunatha, R.O.Yathisha, M.M. Vinay, K.V. Basavarajappa, <i>Chemical Data Collections</i> , 23 , 2019, 100268.
137	Synthesis, characterization, optical, electrochemical and current-voltage characteristics of coumarin dyes, KV Basavarajappa, Y Arthoba Nayaka , R.O.Yathisha, P.Manjunatha, <i>Journal of Fluorescence</i> , 5 (29) 2019, 1201-1211.
136	Optoelectronic and current-voltage studies for novel coumarin dyes, KV Basavarajappa, Y Arthoba Nayaka, HT Purushothama, MM Vinaya, Albin Antony, P Poornesh, <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 1-14.
135	Iron oxide (Fe ₂ O ₃) nanoparticles modified carbon paste electrode as an advanced material for electrochemical investigation of paracetamol and dopamine, Vinay M M, Y. Arthoba Nayaka , , <i>Journal of Science: Advanced Materials and Devices</i> , 4 (3) 2019, 442-450.
134	OH functionalized Multi-Walled Carbon Nanotube modified electrode as electrochemical sensor for the detection of Aceclofenac, Vinay M.M., Y. Arthoba Nayaka , Purushothama H T, Yathisha R O, Basavarajappa K V & Manjunatha P, <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 1-12.
133	Cetyltrimethylammonium bromide-gold nanoparticles composite modified pencil graphite electrode for the electrochemical investigation of cefixime present in pharmaceutical formulations and biology, P. Manjunatha, Y. Arthoba Nayaka , <i>Chemical Data Collections</i> , 21 , 2019, 100217.
132	Single-walled carbon nanotubes-based electrochemical sensor for the electrochemical investigation of pantoprazole in pharmaceuticals and biological samples, P. Manjunatha, Y. Arthoba Nayaka , H.T. Purushothama, R.O. Yathisha, MM Vinay, <i>Ionics</i> , 5 (25) 2019, 2297-2309.
131	Effect of Vanadium Pentoxide (V ₂ O ₅) on the Corrosion Protection Performance of Zn-Mn-V ₂ O ₅ Composite Coating on Mild Steel, Dyamanna Thippeswamy, Yanjerappa Arthoba Nayaka* and Matad Mallikarjunaiah Vinay, <i>Analytical and Bioanalytical Electrochemistry</i> , 11 (3) 2019, 396-406.
130	Role of the newly synthesized brightener in modification of surface properties of Zn-Ni alloy electrodeposited on steel substrate, Jyoti S. Kavirajwar, Basavanna Shivarudraiah, Yanjerappa Arthoba Nayaka , <i>J. Electrochem. Sci. Eng.</i> , 9(3) (2019) 175-185.
129	Study on the effect of Zn ²⁺ doping on optical and electrical properties of CuO nanoparticles, R.O. Yathisha, Y. Arthoba Nayaka , P. Manjunatha, H.T. Purushothama, M.M. Vinay, K.V. Basavarajappa, <i>Physica E: Low-dimensional Systems and Nanostructures</i> , 108 (2019) 257–268.
128	Doping, structural, optical and electrical properties of Ni ²⁺ doped CdO nanoparticles prepared by microwave combustion route, R.O. Yathisha, Y. Arthoba Nayaka , P. Manjunatha, M.M. Vinay, H.T. Purushothama, <i>Microchemical Journal</i> , IF (2.745), 145 , 630–641, 2019.

127	Triclinic LiVPO ₄ F/C cathode for aqueous rechargeable lithium-ion batteries, Rangaswamy Puttaswamy, Suresh Gurukar Shivappa, Mahadevan Kittappa Malavalli, Yanjerappa Arthoba Nayaka, <i>Advanced Materials Letters</i> , 10(3), 193-200, 2018.
126	Corrosion Inhibition Of Zinc In Hydrochloric Acid By A New Condensation Product, Ganesh Achary, Y. Arthoba Nayaka, <i>Global Journal For Research Analysis</i> , IF (0), 7 (12) 2018, 115-117.
125	One-pot Microwave Synthesis and Effect of Cu ²⁺ ions on Structural Properties of Cu-ZnO Nano Crystals, C. C. Vidyasagara *, Gururaj Hosamanib , Prakash Kariyajjanavarc , R.O. Yathishad, Y. Arthoba Nayaka, <i>Materials Today: Proceedings</i> 5, 22171–22180, 2018.
124	Carbon-Nanotube-Encapsulated LiTiOPO ₄ Composite Electrode for Aqueous Rechargeable Battery Applications, Rangaswamy Puttaswamy, Gurukar Shivappa Suresh, Kittappa Malavalli Mahadevan, and Yanjerappa Arthoba Nayaka, <i>ChemistrySelect</i> , IF(1.5), 3, 3056 – 3069, 2018.
123	Pencil graphite electrode as an electrochemical sensor for the voltammetric determination of chlorpromazine, H.T. Purushothama, Y. Arthoba Nayaka, M.M. Vinay, P. Manjunatha, R.O. Yathisha, K.V. Basavarajappa, <i>Journal of Science: Advanced Materials and Devices</i> , 3, 161-166, 2018.
122	Synthesis of Copper Oxide Nano-Rods by Microwave-Assisted Combustion Route and their Characterization Studies, Yathisha R.O., and Y. Arthoba Nayaka, <i>International Journal of Nanoelectronics and Material</i> , 11 (2), 233-240, 2018.
121	Development of multi-walled carbon nanotubes modified pencil graphite electrode for the electrochemical investigation of aceclofenac present in pharmaceutical and biological samples, P. Manjunatha, Y. Arthoba Nayaka, B.K. Chethana, C.C. Vidyasagar, R.O. Yathisha, <i>Sensing and Bio-Sensing Research</i> , 17, 7–17, 2018.
120	Electrochemical study of hydrochlorothiazide on electrochemically pretreated pencil graphite electrode as a sensor, H.T. Purushothama, Y. Arthoba Nayaka, <i>Sensing and Bio-Sensing Research</i> , 16, 12–18, 2017.
119	Development of Gold Modified Disposable Pencil Graphite Electrode for the Electrochemical Investigation of Acetaminophen Present in Pharmaceutical formulations and Biological samples, Manjunatha Puttaiah and Arthoba Nayaka Yanjerappa, <i>Analytical & Bioanalytical Electrochemistry</i> , 9 (7), 841-861, 2017.
118	Structural, optical and electrical properties of zinc incorporated copper oxide nanoparticles: doping effect of Zn, R. O. Yathisha, Y. Arthoba Nayaka, <i>Journal of Materials Science</i> , IF(2.99), 53 (1), 678–691, 2018.
117	Electrochemical Studies of Zn-Mn Alloy Plating from Acid Sulphate Bath using Condensation Product 4-Chloro-2-Nitro-N-Phenyl Methylidene Aniline using as a Brightener, D. Thippeswamy and Y. Arthoba Nayaka, <i>J. Chemical and Pharmaceutical Research</i> , 9 (7), 146-153, 2017.
116	Chemical oxidation of phenylephrine by using chloramine-t in acid media: A kinetic and mechanistic study, M. S. Veena, M. K. Prashanth, B. K. Jayanna, K. Yogesh Kumar, Y. Arthoba Nayaka and H. B. Muralidhara, <i>IJPSR</i> , IF(0.9), Vol. 8(3), 1449-1458, 2017.
115	Electrodeposition of Zn-Graphite Oxide Nanocomposite Coatings on Stainless Steel from Sulfate Bath, its Surface Morphological and Corrosion Protection Studies, Ganesh Achary, D.A. Prathima Mathias, Y. Arthoba Nayaka, <i>Asian Journal of Chemistry</i> , Vol. 29(4), 917-922, 2017.
114	Influence of 2-methyl-5-nitro-N-phenylmethylidene aniline (CP ₁) on Zn-Mn alloy plating from acid sulphate bath. D. THIPPESWAMY, Y. ARTHOBA NAYAKA, <i>J. Electrochem .Soc. India</i> , Vol. 65 (3-4), 200-207, 2016.
113	Microwave combustion synthesis of hexagonal prism shaped ZnO nanoparticles and effect of

	Cr on structural, optical and electrical properties of ZnO nanoparticles R.O. Yathisha, Y. Arthoba Nayaka, C.C. Vidyasagar, <i>Materials Chemistry and Physics</i> , IF(2.2) , 181 , 167-175, 2016.
112	Surfactant (PEG 400) effects on crystallinity of ZnO nanoparticles, C.C. Vidyasagar, Y. Arthoba Naik, <i>Arabian Journal of Chemistry</i> , IF (4.0) , 9 , 507-510, 2016
111	An Organically Modified Exfoliated Graphite Electrode for the Voltammetric Determination of Lead Ions in Contaminated Water Samples Ganesha Achary, M. N. Kumaraswamy, R. Viswanatha, and Y. Arthoba Nayaka, <i>Russian J. Electrochem.</i> , IF (0.762) , 51(7) , 679-685, 2015.
110	Kinetics and mechanistic study of oxidation of amoxicillin by Chloramine-T in acid medium, M. S. VEENA, M. K. PRASHANTH, K. YOGESH KUMAR, H. B. MURALIDHARA, Y. ARTHOBA NAYAKA, <i>J. Chil. Chem. Soc.</i> , 60(3) , 3063-3068, 2015.
109	Cost effective and shape controlled approach to synthesize hierarchically assembled NiO nanoflakes for the removal of toxic heavy metal ions in aqueous solution K Yogesh Kumar, H B Muralidhara, Y Arthoba Nayaka, H Hanumanthappa, M S Veena and S R Kiran Kumar, <i>Bull. Mater. Sci.</i> , IF(0.870) , 38(1) , 271-282, 2015.
108	Effect of Annealing on Structural, Crystallinity and Optical Properties of Anatase Cr-TiO ₂ Nanoparticles, C. C. Vidyasagar, H. B. Muralidhara, Yanjerappa Arthoba Naik, Gururaj Hosamani, Murugaiya Sridar Ilango, <i>Energy and Environment Focus</i> , 4 (x) , 1-10, 2015.
107	Hydrothermal Synthesis of Hierarchical Copper Oxide Nanoparticles and its Potential Application as Adsorbent for Pb(II) with High Removal Capacity, K. Yogesh Kumar, H. B. Muralidhara, Y. A. Nayaka, H. Hanumanthappa, M. S. Veena, S. R. Kiran Kumar <i>Separation Science and Technology</i> , IF(1.171) , 49(15) , 2389-2399, 2014.
106	Simultaneous electrochemical determination of ascorbic acid, dopamine and uric acid using hollow gold nanospheres modified electrode S. Basavanna, B. K. Chethan and Y. Arthoba Naik, <i>Journal of Chemical and Pharmaceutical Research</i> , 6(12) , 823-831, 2014.
105	Electrochemical studies on lawsone and its determination in henna (<i>Lawsonia inermis</i>) extract using glassy carbon electrode B.K. Chethana, S. Basavanna, Y. Arthoba Naik, <i>J. Analytical Chemistry</i> , IF(0.67) , 69(9) , 887-891, 2014.
104	Magnificent adsorption capacity of hierarchical mesoporous copper oxide nanoflakes towards mercury and cadmium ions: Determination of analyte concentration by DPASV Kumaraswamy Yogesh Kumar, Handanahally Basavarajiah Muralidhara, Yanjerappa Arthoba Nayaka, <i>Powder Technology</i> , IF(2.26) , 258 , 11-19, 2014.
103	Electrochemical Degradation of C.I. Vat Orange 2 Dye on Carbon Electrode, Prakash Kariyajjanavar, J Narayana, Y Arthoba Nayaka, <i>Water & Environment</i> , 2013(3) , 106-112, 2013.
102	Cyclic voltammetric studies of Simvastatin at Glassy carbon electrode modified with Poly(p-toluene sulphonic acid), M.B. Deepa, G.P. Mamatha, Y. Arthoba Naik, B.S. Sherigara, <i>International J. Pharmaceutical Chemistry</i> , 3(1) , 9-16, 2013.
101	ZnO-NiO nanocomposites as highly recyclable adsorbent for effective removal of Pb(II) and Cd(II) from aqueous solution, K.Y. Kumar, H.B. Muralidhara, Y. Arthoba Nayaka, H. Hanumanthappa, K.S. Veena, S.R.K. Kumar, <i>IEEE Xplore</i> , 95-101, 2013.
100	Degradation of textile dye C.I. Vat Black 27 by electrochemical method by using carbon electrodes, Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka <i>Journal of Environmental Chemical Engineering</i> 1 (2013) 975-980.
99	Low-cost synthesis of metal oxide nanoparticles and their application in adsorption of commercial dye and heavy metal ion in aqueous solution, K. Yogesh Kumar, H.B. Muralidhara, Y. Arthoba Nayaka, J. Balasubramanyam, H. Hanumanthappa, <i>Powder Technology</i> , IF(2.26) , 246 , 125-136, 2013.

98	Low-cost synthesis of mesoporous Zn(II)Sn(II) mixed oxide nanoparticles for the adsorption of dye and heavy metal ion from aqueous solution K. Yogesh Kumar, H.B. Muralidhara, Y. Arthoba Nayaka , J. Balasubramanyam, <i>Desalination and Water Treatment (Taylor & Francis)</i> , IF(0.99) , 52(22-24), 4568-4582, 2013.
97	Adsorption of Ponceau S from aqueous solution by MgO nanoparticles T.G. Venkatesha, Y. Arthoba Nayaka , B.K. Chethana, <i>Applied Surface Sciences</i> , IF(2.103) , 276, 620-627, 2013.
96	Hierarchically assembled mesoporous ZnO nanorods for the removal of lead and cadmium by using differential pulse anodic stripping voltammetric method, K. Yogesh Kumar, H.B. Muralidhara, Y. Arthoba Nayaka , J. Balasubramanyam, H. Hanumanthappa, <i>Powder Technology</i> , IF(2.26) , 239, 208-216, 2013.
95	Synthesis, characterization and optical properties of Sn-ZnO nanoparticles, R. Viswanatha, Y. Arthoba Nayaka , T.G. Venkatesha, C.C. Vidyasagar, <i>Nanoscience and Nanotechnology: An International Journal</i> , Refereed, 3(1) , 16-20, 2013.
94	Electrochemical Degradation of Anthraquinone Reactive Textile Dye Novacron Blue 4R on Graphite Electrodes, Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka , R. Viswanatha, <i>Chemical Engineering</i> , Refereed, 2013 (1) , 1-8, 2013.
93	Electrochemical studies on Usnic acid from <i>Usnea pseudosinensis</i> using multi walled carbon nanotube modified pencil graphite electrode H. C. B. Kalachar, Y. Arthoba Nayaka, K.S. Vinayaka, R. Viswanatha, M.S. Vasanth Kumar, <i>International Journal of Analytical and Bioanalytical Chemistry</i> , IF(..) , 2(3), 179-184, 2012.
92	Electrochemical degradation of C.I. Vat Brown 1 dye on carbon electrode, Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka , <i>Advanced Chemistry Letters</i> , Referred, 1(1) , 32-39, 2012.
91	Facile synthesis of ZnO-NiO nanocomposites for the removal of Hg(II) ions: Complete adsorption studies by using differential pulse anodic stripping voltammetry, K. Yogesh Kumar, H.B. Murulidhara Y. Arthoba Nayaka , <i>J. Chem. Pharma. Res.</i> Refereed, 4(12) , 5005-5019, 2012.
90	Stability Indicating RP- High-Performance Liquid Chromatography - Determination of Tegaserod Maleate in bulk and solid dosage formulations, Venugopala Reddy KR, Anantha ram G, Harish MNK,, Arthoba Naik Y , Keshavayya J, <i>Research Journal of Pharmaceutical, Biological and Chemical Sciences</i> , Refereed, 3(2) , 20-26, 2012.
89	Optical properties of Dye Sensitized Anatase Cu-TiO ₂ Nanoparticles, C.C. Vidyasagar, Y. Arthoba Naik , T.G. Venkatesh, R. Viswanatha, <i>International J. Nanomaterials and Biostructures</i> , Refereed, 2(3) , 34-38, 2012.
88	Electrochemical oxidation and determination of ascorbic acid present in natural fruit juices using a methionine modified carbon paste electrode, B.K. Chethana, Y. Arthoba Naik , <i>Analytical Methods</i> , Refereed IF (1.938) , 4, 3754-3759, 2012.
87	Electrochemical Studies of Antibiotic Drug Ciprofloxacin Using Tyrosine Modified Carbon Paste Electrode, B.K. Chethana, Y. Arthoba Naik , <i>Med. Chem.</i> 3 , 1-8, 2012.
86	Optical Properties of Dye-Sensitized Films Based onCd-ZnO Nanoparticles, C.C. Vidyasagar, Y. Arthoba Naik , R. Viswanatha , T.G. Venkatesh, <i>Nanoscience and Nanotechnology: An International Journal</i> , Refereed, 2(4) , 18-23, 2012.
85	Surface Modification of Zinc with an Oxime for Corrosion Protection in Chloride Medium, Ganesha Achary, Y. Arthoba Naik , <i>Journal of Chemistry</i> , IF (0.622) , 1-6, 2012.
84	Electrochemical studies of Simvastatin at glassy carbon electrode and immobilized by Sodium dodecyl sulfate surfactant, M.B. Deepa, G.P. Mamatha, Y. Arthoba Naik , B S Sherigara, S Manjappa, B Vijaya, <i>J. Chem. Pharma. Res.</i> Refereed, 4(5) , 2803-2816, 2012.
83	Simultaneous Electrocatalytic determination of Simvastatin and Gemfibrozil at Poly (glycine)

	modified glassy carbon electrode, M.B. Deepa, G.P. Mamatha, Y. Arthoba Naik , B S Sherigara, <i>Int. J. Chem. Pharm. Sci. (IJPCS)</i> , Refereed, 3(2) , 60-69, 2012.
82	Cyclic voltammetric studies of gemfibrozil at poly (Gabapentin) film modified glassy carbon electrode, M.B. Deepa, G.P. Mamatha, Y. Arthoba Naik , B S Sherigara, S Manjappa, G Pradeep, <i>Int. J. Pharma. Chem (IJPC)</i> , Refereed, 2(2) , 36-46, 2012.
81	Voltammetric Determination of Diclofenac Sodium Using Tyrosine Modified Carbon Paste Electrode, B.K. Chethan, S. Basavanna, Y. Arthoba Naik , <i>Industrial & Engineering Chemistry Research (ACS)</i> , Refereed IF(2.237) , 51 , 10287-10295, 2012.
80	Kinetics and thermodynamics of reactive and vat dyes adsorption on MgO nanoparticles, T.G. Venkatesh, R. Viswanatha, Y. Arthoba Nayaka , B.K. Chethan, <i>Chemical Engineering Journal</i> , Refereed IF(3.46) , 198-199 , 1-10, 2012.
79	Solid-State Synthesis and Effect of Temperature on Optical Properties of CuO Nanoparticles, C.C. Vidyasagar, Y. Arthoba Naik , T.G. Venkatesh, R. Viswanatha, <i>Nano-Micro Letters</i> , 4(2) , 73-77, 2012.
78	Electrochemical synthesis and photocatalytic behavior of flower shaped ZnO microstructures, T.G. Venkatesh, Y. Arthoba Nayaka , R. Viswanatha, C.C. Vidyasagar, B.K. Chethan, <i>Powder Technology</i> , IF(2.26) , 225 , 232-238, 2012.
77	Structural and Optical Properties of Mg doped ZnO Nanoparticles, R. Viswanatha, Y. Arthoba Nayaka , C.C. Vidyasagar, T.G. Venkatesh, <i>J. Chem. Pharm. Res.</i> , 4(4) , 1983-1989, 2012.
76	Electrochemical degradation and cyclic voltammetric studies of Fast Sulphon Black F and Eriochrome Black T - A Comparative study, P. Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka , H.C.B. Kalachar, <i>Wireless Communication and Network</i> , Vol.2012 (3) , 1-6, 2012.
75	Nanocrystalline zinc coating on steel substrate using condensation product of glycyl-glycine (GGL) and vanillin (VNL) and its Corrosion study, H. B. Muralidhara, Y. Arthoba Nayaka J. Balasubramanyam, K. Yogesh Kumar, H. Hanumanthappa and M. S. Veena, <i>Int. J. Chem. Sci.</i> , 10(1) , 524-538, 2012.
74	Kinetics and thermodynamics of cadmium and lead ions adsorption on NiO nanoparticles, T. Sheela, Y. Arthoba Nayaka , <i>Chemical Engineerig Journal</i> , IF (3.473) , 191 , 123-131, 2012.
73	Preparation and Characterization of ZnO and Mg-ZnO nanoparticle, R. Viswanatha, T.G. Venkatesh, C.C. Vidyasagar, Y. Arthoba Nayaka , <i>Arch. Appl. Sci. Res.</i> , 4(1) , 480-486, 2012.
72	A Hybrid Electrochemical-adsorption Method for the Removal of Levafix Yellow CA, R. Viswanatha, T.G. Venkatesh, Y. Arthoba Nayaka , J. Keshavayya, K. R. Venugopala Reddy, <i>Water and Environment</i> , 2 , 1-6, 2012.
71	Electrochemical and reflectance studies of bright Zn-Co alloy coatings. S. Basavanna, Y. Arthoba Naik , <i>Ind. J. Chem. Technol.</i> , IF(0.373) , 19 , pp, 2012.
70	Degradation of Simulated Dye Wastewater by Electrochemical Method on Carbon Electrodes, Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka , <i>Indian Journal of Natural Sciences</i> , II(10) , 809-821, 2012.
69	Liquid Chromatographic method for the Determination of Enantiomeric Purity of Levobetaxolol by Chiral Chromatography. G. Anantha Rama, M. N. K. Harish, Y. Arthoba Naik , J. Keshavayya, K.R. Venugopala Reddy, <i>J. Chem. Pharm. Res.</i> , 4(1) , 586-591, 2012.
68	Electrodeposition of Zn-Graphite nanoparticles composite and their characterization. H. B. Muralidhara, Y. Arthoba Naik , J. Balasubramanyam, K. Yogesh Kumar, H. Hanumanthappa, M.S. Veena, <i>J. Chem. Pharm. Res.</i> , 4(1) , 440-449, 2012.

67	Sol-Gel Synthesis Using Glacial Acetic Acid and Optical Properties of Anatase Cu-TiO ₂ Nanoparticles. C.C. Vidyasagar, Y Arthoba Naik , T.G. Venkatesha, P. Manjunatha, <i>J. Nanoeng. Nanomanuf. (ASP)</i> , 2(1) , 91-98, 2012.
66	Electrochemical studies of Peftriaxone on Eriochrome black-t polymer film modified Glassy Carbon Electrode. Deepa M.B, Mamatha G.P, Sherigar B.S, Arthoba Naik Y , <i>Int. J. Res. Chem. Environ</i> , 2(1) , 153-159, 2012.
65	Differential Pulse Voltammetric Studies on Simultaneous Determination of Tyrosine and L-dopa in Aqueous Extract of Potato Tuber. H.C.B. Kalachar, Y. Arthoba Naik , S.K. Peethambar, R. Viswanatha, P. Ravindra, <i>Pharm Ana & Qual Assur</i> , 1(271) , 1-3, 2012.
64	Determination of Vanillin in real samples using Lysine modified carbon paste electrode. B.K. Chetan, S. Basavanna, Y. Arthoba Naik , <i>J. Chem. Pharm. Res.</i> , 4(1) , 538-545, 2012.
63	Electrochemical detection of insulin in pharmaceutical sample. H.C.B. Kalachar, Y. Arthoba Naik , S.K. Peethambar, R. Viswanatha, P. Ravindra, <i>Pharm Ana & Qual Assur.</i> , 1(268) , 1-4, 2012.
62	Cyclic Voltammetric and FTIR Studies on complex formation between Cloxacillin Sodium with Zn(II) and Pb(II). C.C. Vidyasagar, H.C.B. Kalachar, Y. Arthoba Naik , <i>Med. Chem.</i> , 1(145) , 1-4, 2012.
61	Kinetics and thermodynamics studies on the adsorption of Zn(II), Cd(II) and Hg(II) from aqueous solution using zinc oxide nanoparticles. T. Sheela, Y. Arthoba Nayaka , R. Viswanatha, S. Basavanna, T.G. Venkatesh, <i>Powder Technology</i> , IF(2.26) , 217, 163-170, 2012.
60	Electrodeposition and Corrosion Properties of Zn-V ₂ O ₅ Composite Coatings. S. Bindya, S. Basavanna, Y. Arthoba Nayaka , <i>J. Mat. Engg. Perform.</i> , IF(0.981) , 21(9), 1879-1884, 2012.
59	Electrochemical studies of ceftriaxone on Patton and Reeder's polymer film modified glassy carbon electrode, M.B. Deepa, G.P. Mamatha, Y. Arthoba Naik , B.S. Sherigar, <i>J. Electrochem. Soc. India</i> , 60(3) , 89-94, 2011.
58	High Performance Liquid Chromatographic Analysis for Determination of Eprosartan Mesylate in Bulk Drug, G. Anantha Ram, M. N. K. Harish, Y. Arthoba Naik , J. Keshavayya, K.R. Venugopala Reddy, <i>J. Chem. Pharm. Res.</i> , 3(6) , 945-949, 2011.
57	Solid-state synthesis and effect of temperature on optical properties of Cu-ZnO, Cu-CdO and CuO nanoparticles. C.C. Vidyasagar, Y. Arthoba Naik , T.G. Venkatesh, R. Viswanatha, <i>Powder Technology</i> , IF(2.26) , 214, 337-343, 2011. Highlighted in AMETEK, (Industry News Provided by NewsEdge) Financial Services Front Page News, January 11, 2012. Most downloaded paper. Listed 07 out of Top 25 Hottest articles (Oct. to Dec. 2011, SciVerse, ScinceDirect). AMETEK, Inc., is a leading global manufacturer of electronic instruments and electrochemical devices with annual sales of 3.0 billion
56	Electrodeposition of Nanocrystalline Zinc on Steel Substrate from Acid Sulphate Bath and its Corrosion Study. H. B. Muralidhara, J. Balasubramanyam, Y. Arthoba Naik , K. Yogesh Kumar, H. Hanumanthappa, M.S. Veena, <i>J. Chem. Pharm. Res.</i> , 3(6) , 433-449, 2011
55	Photocatalytic Degradation Of Levafix Orange CA Using Commercial ZnO. T.G. Venkatesha, Shruthi S. Bhat, M. Pooja, Y. Arthoba Naik , <i>Water and Environment</i> , 3 , 102-105, 019, 2011.

54	Electrochemical determination of uric acid in reptilian excreta and human urine using gold modified pencil graphite electrode. H.C.B. Kalachar, Y. Arthoba Naik , <i>ChemTech.</i> , 3(3) , 1237-1245, 2011.
53	Amperometric and differential pulse voltammetric determination of 5-Hydroxy-L-tryptophan in pharmaceutical samples using gold modified pencil graphite electrode. H.C.B. Kalachar, Y. Arthoba Naik , S. Basavanna, R. Vishwanath, T.G. Venkatesha, T. Sheela, <i>J. Chem. Pharm. Res.</i> , 3(3) , 530-539, 2011.
52	Studies on degradation of reactive textile dyes solution by electrochemical method. P. Kariyajjanavar, J. Narayana and Y. Arthoba Nayaka , <i>J. Hazard. Mat.</i> , IF(4.331) , 190 (1-3) , 952-961, 2011.
51	Degradation of Textile waste-water by electrochemical method. P. Kariyajjanavar, J. Narayana and Y. Arthoba Nayaka , <i>Hydrology</i> , 2(1) , 1-7, 2011.
50	Study of the effect of new brightener on Zn-Ni alloy electrodeposition from acid sulphate bath. S. Basavanna, Y. Arthoba Naik , <i>J. Appl. Electrochem.</i> , IF(1.745) , 41 , 535-541, 2011.
49	Barium hydrogen phosphate modified carbon paste electrode for the simultaneous determination of cadmium and lead by differential pulse anodic stripping voltammetry. T. Sheela, S. Basavanna, R. Vishwanatha, H.C.B. Kalachar, Y. Arthoba Naik , <i>Electroanalysis</i> , IF(2.872) , 23(5) , 1150-1157, 2011.
48	ZnO nanoparticles – a potential for the removal of lead (II) ions from aqueous solutions. T. Sheela, Y. Arthoba Naik , S. Basavanna, R. Vishwanath, <i>Water and Environment</i> , 1(2) , 2011.
47	Electrochemical determination of L-dopa in Mucana pruriens seeds, leaves and commercial siddha product using gold modified pencil graphite electrode. H.C.B Kalachar, S. Basavanna, R. Vishwanath, Y. Arthoba Naik , D. Anand Raj, P.N. Sudha, <i>Electroanalysis</i> , IF(2.872) , 23 (5) , 1107-1115, 2011.
46	Electrochemical Degradation and Cyclic Voltammetric Studies of Textile Reactive Azo Dye Cibacron Navy WB. P. Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka , M. Umanaik, <i>Portugaliae Electrochimica Acta</i> , 28 (4) , 1647-1571, 2010.
45	<i>gem</i> -Dibromomethyl Aromatics: Efficient Aldehyde Equivalents in the Knoevenagel – Doebner Reaction. John Kallikat Augustine, Y. Arthoba Naik , Subba Poojari, Nagaraja Chowdappa, Bailur Sheena Sherigara, Kummara Areppa, <i>Synthesis</i> , IF(2.572) , 14 , 2349-2356, 2009. Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).
44	Electrochemical studies of Zn-Ni alloy coatings from acid chloride bath. S. Basavanna, Y. Arthoba Naik , <i>J. Appl. Electrochem.</i> , IF(1.496) , 39 , 1975-1982, 2009.
43	Di- <i>tert</i> -butyl Dicarboxylate: A versatile carboxylating reagent. John Kallikat Augustine, Y. Arthoba Naik , Veeramani Vairaperumal, Sharmila Narasimhan, <i>Tetrahedron</i> , IF(3.011) , 65 , 134-138, 2009. Highlighted in <i>SYNFACTS</i> under the heading “ Heighlights in Current Synthetic Organic Chemistry ”. Synfacts 2009, 2, 0201-0201, Published online: 22-01-2009.
42	Novel and Highly Regioselective Friedel-Crafts Alkylation of 3,5-Dimethoxyaniline Using an Aldehyde and Triethylsilane as Reducing Agent. John Kallikat Augustine, Y. Arthoba Naik , Ashis Baran Mandal, Padma Alagarsamy, Vani Akabotea, <i>Synlett.</i> , IF(2.762) , 16 , 2429-2432, 2008.

41	Studies on nanocrystalline zinc coating. H.B. Muralidhara, Y. Arthoba Naik, B. Mater. Sci., IF(0.944), 31(4), 1-7, 2008.
	The paper has been awarded the MRSI Prize for the Best Paper published in the Bulletin of Materials Science in the year 2008. 10-02-2009.
40	Corrosion inhibition of mild steel using m-aminoacetophenone. H.P. Sachin, M.H. Moinuddin Khan, N.S. Bhujangaiah, Y. Arthoba Naik, T.V. Venkatesha, J.T.R. Chem, 15(1), 58-64, 2008.
39	A study on brightening and corrosive resistance property of electrodeposited zinc in non-cyanide alkaline bath. H.B. Muralidhara, Y. Arthoba Naik, H.P. Sachin, Ganesh Achary, T.V. Venkatesha, Indian J. Chem. Technol, IF(0.373), 15, 259-265, 2008.
38	An electroactive Co-polymer as corrosion inhibitor for steel in sulphuric acid medium Ganesha Achary, Y. Arthoba Naik S. Vijay Kumar, T.V. venkatesha & B.S. Sherigara Applied Surface Sciences, IF(1.436), 254, 5569-5573, 2008.
	The above paper has been highlighted under the title "Research highlight" in natureINDIA Journal dated 10 th June 2008.
37	A study on brightening property of newly synthesized compound in electroplating of zinc-nickel alloy. H.B. Muralidhara, Y. Arthoba Naik, H.P. Sachin, T.V. Venkatesha, Indian J. Chem. Technol, IF(0.373), 15, 155-162, 2008.
36	Electrochemical deposition of nanocrystalline zinc on steel substrate from acid zincate bath. H.B. Muralidhara, Y. Arthoba Naik, Surf. Coat. Tech., IF(1.646), 202, 3403-3412, 2008.
35	Influence of condensation product on electrodeposition of Zn-Mn alloy on steel. S. Shivakumara, Y. Arthoba Naik Ganesha Achary, H.P. Sachin, T.V. Venkatesha, Indian J. Chem. Technol., IF(0.373), 15, 29-35, 2008.
34	An unusual Reactions of Bezalaminoacetals in Tri-fluro acetic acid: Facile Synthesis of 2-Benzylpyrazines John A. Kalikat, Y. Arthoba Naik, Ashis Baran mandal, Umesh Kundapur, J. Org. Chem., IF(4.002), 73, 1176-1179, 2008.
	Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals)
33	The corrosion inhibition of mild steel by 3-formyl-8-hydroxy quinoline in hydrochloric acid medium Ganesha Achary, H.P. Sachin, Y. Arthoba Naik, T.V. Venkatesha, Mater. Chem. Phys., IF(2.353), 107, 44-50, 2008.
32	A versatile method for the hydrolysis of gem-dibromomethylarenes bearing carboxylate or boronate group into aldehydes John A. Kalikat, Y. Arthoba Naik, Ashis Baran mandal, Nagaraja Chowdappa, Tetrahedron, IF(3.011), 64, 688-695, 2008.
31	gem-Dibromomethyarenas: A convenient substitute for noncommercial Aldehydes in the Knoevenagel-Doebner reaction for the synthesis of α , β - unsaturated carboxylic acids John A. Kalikat, Y. Arthoba Naik, Ashis Baran mandal, Nagaraja Chowdappa, & Vinuthan B. Praveen, J. Org. Chem., IF(4.002), 72, 9854-9856, 2007.
	Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).
30	Effect of condensation product on electrodeposition of zinc on mild steel. S. Shivakumara, U. Manohara, Y. Arthoba Naik, T.V. Venkatesha, B. Mater. Sci., IF(0.944), 30(5), 463-468, 2007.

29	Corrosion Behavior of Zn-TiO ₂ Composite coating. B.M. Praveen, T.V.Venkatesha, Y. Arthoba Naik , K. Prashantha, <i>Synth. React. Inorg. Metal-Org.</i> , IF(0.576) , 37 , 461-465, 2007. Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).
28	Surface Treatment of Zinc by Schiff's Bases and its Corrosion Study Ganesha Achary, H.P. Sachin, S. Shivakumara Y. Arthoba Naik & T.V. Venkatesha, <i>Russ. J. Electrochem.</i> , IF(0.442) , 43(7) , 844-849, 2007.
27	Protection of mild steel against corrosion by polynitroaniline films H.P. Sachin, Ganesha Achary, Y. Arthoba Naik , T.V. Venkatesha, <i>Mater. Chem. Phys.</i> , IF(2.353) , 104 , 422-428, 2007.
26	Influence of additives on electrodeposition of bright Zn-Ni alloy on mild steel from acid sulphate bath S. Shivakumar, U. Manohar, Y. Arthoba Naik , T.V. Venkatesha, <i>B.Mater. Sci.</i> , IF(0.944) , 30(5) , 455-462, 2007. This is included in British Library Direct: a new service that allows you to search across 20,000 journals for free.
25	Effect of a new condensation product of electrodeposition of zinc from non-cyanide bath Ganesha Achary H.P. Sachin, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Mater. Sci.</i> , IF(0.944) , 30(3) , 219-224, 2007.
24	Electrochemical preparation of orthophenylenedi-amine on different cathodes in sulphuric acid H.P. Sachin, Ganesha Achary, S. Shivakumar, Y. Arthoba Naik , T.V. Venkatesha, <i>Russ. J. Electrochem.</i> , IF(0.442) , 43(2) , 204-210, 2007.
23	Polynitroaniline as brightener for zinc-nickel alloy plating from non-cyanide sulphate bath. H. P. Sachin, Ganesha Achary, Y. Arthoba Naik , T V Venkatesha, <i>B. Mater. Sci.</i> , IF(0.944) , 30(1) , 57-63, 2007.
22	Study of Schiff's bases as surface modifiers for corrosion protection of copper in sulphuric acid. Ganesha Achary, H. P. Sachin, Y. Arthoba Naik , T V Venkatesha, <i>Indian J. Chem. Technol.</i> , IF(0.373) , 14 , 16-21, 2007.
21	Corrosion studies of carbon nanotubes – Zn composite coating. B.M. Praveen, T.V. Venkatesha, Y. Arthoba Naik , K. Prashantha, <i>Surf. Coat. Tech.</i> , IF(2.135) , 201 , 5836-5842.
20	Influence of condensation product of Chitosan and Vanillin on electrodeposition of Zinc. Ganesha Achary, S. Shivakumara, H.P. Sachin, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> , IF(0.294) , 22 , 417-422, 2006.
19	Effect of nitro-anilines on the corrosion of Steel in Sulphamic Acid. N. Shankaresha, Y. Arthoba Naik , T.V. Venkatesha, <i>J.T.R. Chem.</i> , 13(2) , 13-17, 2006.
18	Effect of a condensation product of Glycyl-Glycine and Furfural on electrodeposition of zinc from sulphate bath. H.B. Muralidhara, Y. Arthoba Naik , T.V.Venkatesha, <i>B. Mater. Sci.</i> , IF(0.944) , 29(5) , 497-503, 2006.
17	Electrodeposition of Zinc from Sulphate solution. S Shivakumara, H. P. Sachin, Ganesha Achary, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> , IF(0.294) , 371-377, 2006.
16	Electrochemical reduction of nitroacetophenone on different metal cathodes in acidic ethanol medium. H.P. Sachin, Ganesha Achary, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> ,

	IF(0.294), 22(6), 249-252, 2006.
15	Chemical Treatment of Zinc by a new Chelating agent for Corrosion protection. Ganesha Achary, H.P. Sachin, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> , IF(0.294), 21(6), 241-245, 2005.
14	Electropolymerization of O-nitroaniline in Hydrochloric acid medium using Graphite Electrodes. H.P. Sachin, Ganesha Achary, Y. Arthoba Naik , T.V. Venkatesha, <i>J.T.R. Chem.</i> , 12(2), 1-7, 2005.
13	Acid zinc plating bath with a new brightener. Y. Arthoba Naik , T.V. Venkatesha, <i>J.T.R. Chem.</i> , 12(2), 15-23, 2005.
12	A new condensation product for zinc plating from non-cyanide alkaline bath. Y. Arthoba Naik , T.V. Venkatesha, <i>B. Mater. Sci.</i> , IF(0.944), 28(5), 495-501, 2005.
11	Bright Zinc-Nickel Alloy plating from sulphate Bath. K.G. Kariyanna, Y. Arthoba Naik , T.V. Venkatesha, <i>Transactions of the SAEST.</i> , 39, 39-43, 2004.
10	Electrodeposition of Zinc-Nickel Alloy from Chloride Bath. K.G. Kariyanna, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> , IF(0.294), 20(1), 39-44, 2004.
9	Electrodeposition of Zinc-Nickel Alloy From Sulphate-Chloride Bath. K.G. Kariyanna, Y. Arthoba Naik , T.V. Venkatesha, <i>J. Indian Council of Chemists</i> , 20(2), 43-47, 2003.
8	Electrodeposition of Zinc-Nickel Alloy from Sulphate-Chloride Bath. K.G. Kariyanna, Y. Arthoba Naik , T.V. Venkatesha, <i>J.T.R. Chem.</i> , 10(2), 31-37, 2003.
7	A New Brightener for Zinc Plating from Non-Cyanide Alkaline Bath. Y. Arthoba Naik , T.V. Venkatesha, <i>Indian J. Engg. Mater. Sci.</i> , IF(0.277), 10, 318-323, 2003.
6	Corrosion Resistance and Electrochemical Properties of Bright Zinc Deposits from Sulphate Baths Y. Arthoba Naik , T.V. Venkatesha, P. Vasudeva Nayak, <i>Transactions of the SAEST.</i> , 37-2, 39-42, 2002.
5	Electrodeposition of Zinc from Chloride solution. Y. Arthoba Naik , T.V. Venkatesha, P. Vasudeva Nayak, <i>Turk. J. Chem.</i> , IF(0.756), 26, 725-733, 2002.
4	A study on corrosion of steel and zinc in an electroplating acid baths. S.K. Rajappa, Y. Arthoba Naik , T.V. Venkatesha, <i>B. Electrochem.</i> , IF(0.294), 17(11), 489-494, 2001.
3	Effect of condensation product on bright zinc electrodeposition from sulphate bath Y. Arthoba Naik , T.V. Venkatesha, P. Vasudeva Nayak, <i>Indian J. Chem. Technol.</i> , IF(0.373), 8, 390-39, 2001.
2	Effect of Yeast Extract on Electrodeposition of zinc – Hull cell studies. Y. Arthoba Naik , T.V. Venkatesha, P. Vasudeva Nayak, <i>J. Electrochem Soc. India.</i> , 49-4, 170-173, 2000.
1	Electroplating of zinc from sulphate-chloride bath. Y. Arthoba Naik , T.V. Venkatesha, P. Vasudeva Nayak, <i>B. Electrochem.</i> , IF(0.294), 16(11), 481-486, 2000.

Best Papers/Highlighted Papers:

Sl. No.	Title of the paper, Authors, <i>Journal</i> , IF, Vol./ Ed., Page No., Year.
1	<p>Solid-state synthesis and effect of temperature on optical properties of Cu-ZnO, Cu-CdO and CuO C.C. Vidyasagar, Y. Arthoba Naik, T.G. Venkatesh, R. Viswanatha, <i>Powder Technology</i>, 1.887, 214, 337-343, 2011.</p> <p>Highlighted in AMETEK, (Industry News Provided by NewsEdge) Financial Services Front Page News, nanoparticles. January 11, 2012. Most downloaded paper. Listed 07 out of Top 25 Hottest articles (Oct. to Dec. 2011, SciVerse, ScinceDirect). AMETEK, Inc., is a leading global manufacturer of electronic instruments and electrochemical devices with annual sales of 3.0 billion.</p>
2	<p><i>gem</i>-Dibromomethyl Aromatics: Efficient Aldehyde Equivalents in the Knoevenagel – Doebner Reaction. John Kallikat Augustine, Y. Arthoba Naik, Subba Poojari, Nagaraja Chowdappa, Bailur Sheena Sherigara, Kummara Areppa, <i>Synthesis</i>, IF(2.572), 14, 2349-2356, 2009.</p> <p>Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).</p>
3	<p>Di-<i>tert</i>-butyl Dicarboxylate: A versatile carboxylating reagent. John Kallikat Augustine, Y. Arthoba Naik, Veeramani Vairaperumal, Sharmila Narasimhan, <i>Tetrahedron</i>, IF(2.869), 65, 134-138, 2009.</p> <p>Highlighted in <i>SYNFACTS</i> under the heading “Heighlights in Current Synthetic Organic Chemistry”. Synfacts 2009, 2, 0201-0201, Published online: 22-01-2009.</p>
4	<p>Studies on nanocrystalline zinc coating. H.B. Muralidhara, Y. Arthoba Naik, <i>B. Mater. Sci.</i>, IF(0.870), 31(4), 1-7, 2008.</p> <p>The paper has been awarded the MRSI Prize for the Best Paper published in the Bulletin of Materials Science in the year 2008. 10-02-2009.</p>
5	<p>An electroactive Co-polymer as corrosion inhibitor for steel in sulphuric acid medium Ganesha Achary, Y. Arthoba Naik S. Vijay Kumar, T.V. venkatesha & B.S. Sherigara <i>Applied Surface Sciences</i>, IF(1.436), 254, 5569-5573, 2008.</p> <p>The above paper has been highlighted under the title “Research highlight” in natureINDIA Journal dated 10th June 2008 (www.nature.com, doi:10.1038/nindia.2008.219, 10-06-2008).</p>
6	<p>An unusual Reactions of Bezalaminoacetals in Tri-fluro acetic acid: Facile Synthesis of 2-Benzylpyrazines John A. Kalikat, Y. Arthoba Naik, Ashis Baran mandal, Umesh Kundapur, <i>J. Org. Chem.</i>, IF(3.959), 73, 1176-1179, 2008.</p> <p>Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals)</p>
7	<p><i>gem</i>-Dibromomethyarenas: A convenient substitute for noncommercial Aldehydes in the Knoevenagel-Doebner reaction for the synthesis of α, β- unsaturated carboxylic acids John A. Kalikat , Y. Arthoba Naik, Ashis Baran mandal, Nagaraja Chowdappa, & Vinuthan B. Praveen, <i>J. Org. Chem.</i>, IF(3.959), 72, 9854-9856, 2007.</p> <p>Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).</p>

8	Corrosion Behavior of Zn-TiO ₂ Composite coating. B.M. Praveen, T.V.Venkatesha, Y. Arthoba Naik , K. Prashantha, <i>Synth. React. Inorg. Metal-Org.</i> , IF(0.576) , 37 , 461-465, 2007. Highlighted as one in 200 leading Journals by ChemInform. (Pubget: ChemInform is a weekly Abstracting Service, delivering concise information at a glance that was extracted from about 200 leading journals).
9	Electrochemical investigation of Methacarbamol using nanoparticle – modified carbon paste electrode. E. Pradeepa, Y. Arthoba Nayaka The presentation has been awarded Poster prize from Analyst at the DAE-BRNS International Conference on Electrochemistry for Industry, Health and Environment, held at BARC Mumbai on 21-25 January 2025.

List of Papers Presented:

List of Papers Presented:

Sl. No.	Title of the paper	Authors	Conference	Place	Month & Year
1	Electrodeposition of bright zinc from chloride-sulphate bath	Y. Arthoba Nayaka T.V. Venkatesha & P.VasudevaNayak	18 th Annual conference of ICC	Jalgaon	27-29 Dec. 1999
2	Industrial zinc electrodeposition from acid electrolyte	Y. Arthoba Nayaka T.V. Venkatesha & P.VasudevaNayak	National Symposium on Electrochemical Science and Technology-2000	IISc, Bangalore	28, 29 July 2000
3	Effect of electroactive compounds on zinc plating from different baths	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	19 th Annual conference of ICC	Shankaraghatta, Shimoga	27-29 Nov. 2000
4	A study on corrosion of steel and zinc in an electroplating bath	S.K.Rajappa, Y. Arthoba Nayaka & T.V.Venkatesha	19 th Annual conference of ICC	Shankaraghatta, Shimoga	27-29 Nov. 2000
5	Development of Bright Zinc Electroplating bath- A Hull cell study	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	88 th Session of Indian Science Congress held at Indian Agricultural Research Institute	New Delhi	3 -7 Jan. 2001
6	Development of bright zinc electroplating bath: A Hull cell study	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	National Convention of Electrochemists	CECRI, Karaikudi (TN)	26-27 April 2001
7	Effect of Semicarbazide and Glutaraldehyde on	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	National Symposium on Electrochemical Science and	IISc, Bangalore	20-21 July 2001

	zinc electrodeposition from Sulphate-chloride bath		Technology-2001		
8	Effect of 3,4,5-Trimethoxy benzaldehyde on Electrodeposition from Sulphate-Chloride bath	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	38 th Annual Convention of Chemists 2001	Jodhpur, India	26-29 Dec. 2001
9	Electrochemical Properties of Bright Zinc Deposits obtained from Acid Sulphate Baths	Y. Arthoba Nayaka T.V.Venkatesha & P.VasudevaNayak	National Symposium on Electrochemical Science and Technology-2002	IISc, Bangalore	19-20 July 2002
10	Zinc Plating from a Non-Cyanide Alkaline Bath	Y. Arthoba Nayaka T.V. Venkatesha & P.VasudevaNayak	21 st Annual conference of ICC	Jabalpur, (M.P)	24-26 Oct. 2002
11	Zinc Plating from a Non-Cyanide Alkaline Bath	Y.ArthobaNaik & T.V.Venkatesha	22 nd Annual conference of ICC	Roorkee, (Uttaranchal)	17-19 Oct. 2003
12	Electrochemical Synthesis of Polynitroaniline	H.P. SACHIN, GaneshaAchary, Y. Arthoba Naik & T.V. Venkatesha.	23 rd Annual Conference of ICC	K. C. College, Mumbai	3-4 Dec.2004
13	Surface treatment of Zinc corrosion protection by a new chelating agent	GaneshaAchary, H.P. SACHIN, Y. Arthoba Naik & T.V. Venkatesha.	23 rd Annual Conference of ICC	K. C. College, Mumbai	3-4 Dec.2004
14	Electrochemical Reduction of Meta-nitrobenzaldehyde and Benzophenone on Tin Cathode in acidic aqueous ethanol medium	H.P. SACHIN, GaneshaAchary, Y. Arthoba Naik & T.V. Venkatesha.	National Seminar on "Recent advances in Electrochemical and Surface Sciences for Industry and Society"	Kuvempu University	3-4 Dec.2004
15	Chemical Surface modification of Zinc by some Azo Dyes	GaneshaAchary, H.P. SACHIN, Y. Arthoba Naik & T.V. Venkatesha.	National Seminar on "Recent advances in Electrochemical and Surface Sciences for Industry and Society"	Kuvempu University	3-4 Dec.2004
16	Electrodeposition of	SreekanthJois. H.S.	National Seminar	Kuvempu	3-4

	Zinc-Nickel Alloy from Noncyanide-Sulphate bath.	H.P. SACHIN, GaneshaAchary, Y. Arthoba Naik & T.V.Venkatesha.	on “Recent advances in Electrochemical and Surface Sciences for Industry and Society”	University	Dec.2004
17	Corrosion Inhibition by the Imine Compounds for Steel in Acid medium.	S.K. Syed Murtuza Ali, SACHIN. H.P, GaneshaAchary, Y. Arthoba Naik & T.V. Venkatesha.	National Seminar on “Recent advances in Electrochemical and Surface Sciences for Industry and Society”	Kuvempu University	3-4 Dec.2004
18	Surface modification of Copper by chemical method and its corrosion study in Sulfuric acid.	GaneshaAchary, H.P. Sachin, Arthoba Naik.Y, &Venkatesha. T.V.	National seminar on “ Frontiers of Chemical Sciences”	Aurangabad College for Women, Aurangabad (Maharashtra).	12-13 Mar.2005
19	Electrochemical Reduction of Carbonyl compounds on different Metal cathodes in acidic aqueous Ethanol medium.	H.P. Sachin, GaneshaAchary, Arthoba Naik.Y, &Venkatesha. T.V.	National seminar on “Frontiers of Chemical Sciences”	Aurangabad College for Women, Aurangabad (Maharashtra).	12-13 Mar.2005
20	Effect of brightener on electrodeposition of zinc from sulphate bath.	H. B. Muralidhara, H. P. Sachin, B. M. Praveena, Y. Arthoba Naik T.V. Venkatesha	National conference on current trends in chemical research [CTCR-2006]	Mangalore University	13-14 May 2006
21	Corrosion inhibition studies of Metal for zinc and steel in HCl	B. M. Praveen, H. P. Sachin, GaneshaAchary, H. B. Muralidhara, T.V. Venkatesha Y. Arthoba Naik	National conference on current trends in chemical research [CTCR-2006]	Mangalore University	13-14 May 2006
22	Corrosion behaviour of carbon Nanotubes-Zncomposite coating	H. P. Sachin B, M. Praveen, GaneshaAchary, H. B. Muralidhara, T.V. Venkatesha Y. Arthoba Naik	National conference on current trends in chemical research [CTCR-2006]	Mangalore University	13-14 May 2006
23	Effect of coffee on electrodeposition of zinc	B. M. Praveen, H. P. Sachin, GaneshaAchary, H. B. Muralidhara, T.V. Venkatesha Y. Arthoba Naik	National conference on current trends in chemical research [CTCR-2006]	Mangalore University	13-14 May 2006
24	Electrochemical Treatment Of 4-(4-	U. Manohara, S. Shivakumar,	International Conference on	Mumbai	23-25, January

	Nitrophenylazo)-1-Naphthol In Alkaline Medium	H. P. Sachin, Ganesha Achary, H. B. Muralidhara, B. M. Praveen, Y. Arthoba Naik	Emerging Trends In Chemical Science [ICETCS-2007]		2007.
25	Effect of a new Schiff's base on corrosion inhibition of zinc in acid Medium	T. Sheela, G. Sreelatha, P. Shruthi, Y. Arthoba Naik T.V. Venkatesha	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Kuvempu University	23-24 March 2007
26	Influence of additives on electrodeposition of zinc from sulphate bath	H. B. Muralidhara, Ganesha Achary, Basavanna, S. Shiva kumara, Y. Arthoba Naik T.V. Venkatesha	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Kuvempu University	23-24 March 2007
27	Synthesis and characterization of ZnO nanoparticles	S. Yogesha, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Kuvempu University	23-24 March 2007
28	Preparation of Co ₂ O ₃ nanoparticles by simple precipitation method	K.M. Asha, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Kuvempu University	23-24 March 2007
29	A simple synthesis of CuO-ZnO nanoparticles by simple precipitation method	N.S. Ashmitha, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Kuvempu University	23-24 March 2007
30	Synthesis of nanocrystalline CuO for industrial applications	Channabasava. S Byadagi, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
31	Chemical synthesis of Fe ₂ O ₃ nanoparticles	B.C. Komala, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
32	Synthesis of CuO-NiO nanoparticles by wet chemical method and their characterization	G.P Pavithra, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007

33	Synthesis of nano sized NiO particles through wet chemical method	M.S. Sunitha, U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
34	A study on Zn-Ni-Cnts composite coatings	B.M. Praveen, GaneshaAchary, H.P. Sachin, S. Shiva kumara, U. Manohara, H. B. Muralidhara, Basavanna, T.V. Venkatesha Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
35	Corrosion resistance and electrochemical properties of bright zinc-nickel alloy deposit from sulphate bath	Basavanna, GaneshaAchary H. B. Muralidhara, B.M. Praveen, S. Shiva kumara, U. Manohara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
36	Influence of additive on electrodeposition of bright Zn-Ni alloy on mild steel	S. Shiva kumara, U. Manohara, Y. Arthoba Naik T.V. Venkatesha	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
37	Synthesis of nanocrystallineMgO for industrial application	C.R. Nirmala U. Manohara, H. B. Muralidhara, Y. Arthoba Naik	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
38	Corrosion behavior of zinc-cobalt-carbon particles composite coating	H. B. Muralidhara, U. Manohara, B.M. Praveen, Y. Arthoba Naik T.V. Venkatesha	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
39	Corrosion Behavior of TiO ₂ -Zn Composite coating	B.M. Praveen, H.P. Sachin, GaneshaAchary, H. B. Muralidhara, S. Shiva kumara, U. Manohara, T.V. Venkatesha Y. Arthoba Naik	International conference on nano-materials for electronics [ICNME-2006]	Centre for Materials for Electronics Technology (C-MET), Pune	27-29 November 2007
40	Electrochemical degradation of selected	Prakash Kariyajjanavar, J. Narayana,	National Convention of Electrochemists	Indira Gandhi Centre for Atomic	6-7 December 2007

	dyes in aqueous solutions by using carbon electrodes	Y. Arthoba Naik	[NCE-14]	Research. Kalpakkam	
41	Effect of additive on electrodeposition of Zn-Mn alloy from sulphate bath	D. Thippeswamy, H. B. Muralidhara, S. Basavanna, Y. Arthoba Naik	National Convention of Electrochemists [NCE-14]	Indira Gandhi Centre for Atomic Research. Kalpakkam	6-7 December 2007
42	Development of nanocrystalline zinc coating on steel substrate and its corrosion study	H. B. Muralidhara, Y. Arthoba Naik	National Convention of Electrochemists [NCE-14]	Indira Gandhi Centre for Atomic Research. Kalpakkam	6-7 December 2007
43	Electrochemical studies on the effect of Vanillin and serine on Zn-Ni alloy coatings	Y. Arthoba Naik S. Basavanna,	International Conference on Frontiers in Chemical Research (ICFCR-2008)	Mangalore University, Mangalore	29-31, Dec. 2008
44	Electrodeposition of Zn-Co and Zn-Ni alloys from acid sulphate bath	S. Basavanna, Y. Arthoba Naik	International Conference on Frontiers in Chemical Research (ICFCR-2008)	Mangalore University, Mangalore	29-31, Dec. 2008
45	Thermodynamics and adsorption studies of lead(II) and cadmium(II) ions onto the surface of ZnO nanoparticles	T. Sheela Y. Arthoba Naik	International Conference on Frontiers in Chemical Research (ICFCR-2008)	Mangalore University, Mangalore	29-31, Dec. 2008
46	Synthesis and characterization of Ni _{1-x} Zn _x Fe ₂ O ₄ nanoferrites.	H.E. Mallikarjuna, S. Basavanna, Y. Arthoba Nayaka K.R. Venugopala Reddy, K.M. Pradeep	National Conference on Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS-2009)	Kuvempu University, Shankaraghatta	16 & 17, Jan. 2009
47	Synthesis and characterization of Zn _{1-x} CoxFe ₂ O ₄ nanoferrites	B. Chidananda, S. Basavanna, Y. Arthoba Nayaka K.R. Venugopala Reddy, K.M. Pradeep	National Conference on Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS-2009)	Kuvempu University, Shankaraghatta	16 & 17, Jan. 2009

48	Synthesis and characterization of Ni _{1-x} Cu _x Fe ₂ O ₄ nanoferrites	K.M. Praddpa, S. Basavanna, Y. Arthoba Nayaka K.R. Venugopala Reddy, B. Chidananda, H.E. Mallikarjuna	National Conference on Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS-2009)	Kuvempu University, Shankaraghatta	16 & 17, Jan. 2009
49	Electrochemical degradation and cyclic voltammetric studies of Fast Sulphone Black-F	K. Prakash, J. Narayana, Y. Arthoba Nayaka H.S.B. Kalachar	National Conference on Recent Advances in Chemical Research	Osmania University, Hyderabad	6-7, Feb. 2009
50	The effect of temperature on decay of Ascorbic acid – A cyclic voltammetric study	H.C.B. Kalachar, Y. AthobaNaik, K.L. Rajini, B.R. Deepa, D.U. Rajeshwari	State level conference on Emerging Trends in Medicinal Chemistry and Drug Designing	S.D.M. College, Ujire, D.K.	6-7 March 2009
51	Cyclic voltammetric studies of vanillin on modified carbon paste electrode	B.K. Chethana, Y. AthobaNaik, H.C.B. Kalachar, Vishwanath	National Level Students' Symposium (CHEMEXCEL-2009)	Bapuji Institute of Engg. and Tech., Davanagere	6 th March 2009
52	Electrochemical degradation and cyclic voltammetric studies on Patton and Reeder's reagent	Kalachar H.C.B. Nischith H.M., Viswanatha R., AthobaNaik Y. and Manjunatha S.	International Symposium on Environmental Pollution, Ecology and Human Health	S.V. University, Tirupathi	25-27, July 2009
53	Electrochemical degradation and cyclic voltammetric studies of textile dye Cibacron Navy W-B.	Prakash K., Narayana J. and AthobaNaik Y.	International Symposium on Environmental Pollution, Ecology and Human Health	S.V. University, Tirupathi	25-27, July 2009
54	Drug-Metal complex formation: Interpretation by FT-IR and Cyclic Voltammetric studies	C.C. Vidyasagar and Y. Arthoba Naik	28th Annual Conference of Indian Council of Chemists	Hemchandracharya North Gujarat University, PATAN	7-10, Nov. 2009
55	Voltammetric detection of lead (II) and cadmium (II) using Carbon paste electrode modified with	Y. Arthoba Naik and T. Sheela	Three day International Conference on Recent Advances in Industrial Electrochemical Science and	Mangalore University, Mangalore	5-7, Nov. 2009

	barium phosphate and Nefion.		Technology		
56	Histidine, Imidazole, Glycine modified electrodes for high sensitivity towards Vanillin detection – A voltammetric study.	B.K. Chethan, Y. Arthoba Naik and H.C.B. Kalachar.	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
57	Effect of Histidine, Imidazole, Glycine 5-7, Nov. 2009 on electrochemical behavior of zinc - study.	H.C.B. Kalachar R. Viswanatha and Arthoba Naik	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
58	Electrochemical studies of zinc-cobalt electrodeposition in the presence of organic additive in a chloride-based acid bath	Y. Arthoba Naik and S. Basavanna	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
59	Electrodeposition and characterization of Zn-Mn alloy coatings in presence of Glutaraldehyde+L-Serine	S. Basavanna and Y. Arthoba Naik	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
60	Nano zinc oxide modified carbon paste electrode for the determination of Azo group compounds – An electrochemical study	R. Viswanatha, T.G. Venkatesha and Y. Arthoba Naik.	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
61	Preparation and characterization of barium phosphate nanoparticles and its application to the simultaneous determination of copper	T. Sheela and Arthoba Naik	Three day International Conference on Recent Advances in Industrial Electrochemical Science and	Mangalore University, Mangalore	5-7, Nov. 2009

	(II) and mercury (II).		Technology		
62	Electrochemical degradation and cyclic voltammetric studies of textile dye Cibacron Blue 4R	K. Prakash, J. Narayana and Y. Arthoba Naik	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
63	Electrochemical and Fenton's processes for the degradation of Gentian Violet	T.G. Venkatesha, H.C.B. Kalachar, R. Viswanatha and Y. Arthoba Naik.	International Conference on Current Trends in Chemistry and Biochemistry (ICCTCB-2009)	Central College Campus, Bangalore University, Bangalore	18-19, Dec. 2009
64	Electrochemical investigation of chemical constituent present in aqueous fruit extract of Diospyros Montana	B.K. Chethan, R. Y. Arthoba Naik and H.C.B. Kalachar,	International Conference on Current Trends in Chemistry and Biochemistry (ICCTCB-2009)	Central College Campus, Bangalore University, Bangalore	18-19, Dec. 2009
65	The influence of EDTA and CTAB on electrochemical behaviour of zinc ion – A cyclic voltammetric study.	H.C.B. Kalachar C.C. Vidyasagar, R. Viswanath, and Y. Arthoba Naik	International Conference on Current Trends in Chemistry and Biochemistry (ICCTCB-2009)	Central College Campus, Bangalore University, Bangalore	18-19, Dec. 2009
66	Nanocrystalline zinc coating on steel substrate from acid sulphate bath	H.B. Muralidhara and Y. Arthoba Naik	International Conference on Current Trends in Chemistry and Biochemistry (ICCTCB-2009)	Central College Campus, Bangalore University, Bangalore	18-19, Dec. 2009
67	Degradation of Reactive dye solution by electrochemical method	K. Prakash, J. Narayana and Y. Arthoba Naik	International Symposium on Trace Organic Pollutants in the Environment (ISOTOPE-10).	Bharathidasan University, Tiruchirapalli, Tamilnadu	23, Jan.2010
68	Cyclic voltammetric and LC-MS investigation of Mucunapruriens for L-DOPA detection	H.C.B. Klachar R. Viswanath, Y. Arthoba Naik, Anand and P. Sudha	National Conference on Recent Trends in Chemical Research (NCRPCR 2010)	NITK, Surathkal, Mangalore 575 025	8-10, March
69	Preparation and characterization of barium hydrogen phosphate nanoparticles	Y. Arthoba Naik and T. Sheela	National Conference on Recent Trends in Chemical	NITK, Surathkal, Mangalore 575 025	8-10, March

	and its application in voltammetric determination of Mercury(II) using carbon paste.		Research (NCRTCR 2010)		
70	Electrodeposition and corrosion properties of Zn-SnO ₂ composite coatings.	S. Bindiya and Y. Arthoba Naik	National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India	30-31 March 2010
71	Cyclic voltammetric studies of L-dopa and Dopamine at different pH conditions.	H.C.B. Kalachar, R. Viswanatha and Y. Arthoba Naik	National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India	30-31 March 2010
72	Fe ³⁺ /H ₂ O ₂ process for the degradation of Gentian Violet	T.G. Venkatesha and Y. Arthoba Naik	National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India	30-31 March 2010
73	Preparation and characterization of Zinc Oxide Nanoparticles	R. Viswanatha T.G. Venkatesha and Y. Arthoba Naik	National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India	30-31 March 2010
74	Detection of Diospyrin present in Diospyros montana using modified electrode	B.K. Chethan, Y. Arthoba Naik and H.C.B. Kalachar	National Conference on Recent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India	30-31 March 2010
75	Electrodeposition of composite coatings using SnO ₂ nanoparticals on mild steel	S. Bindiya, Y. Arthoba Naik and S. Basavanna	National Conference on Recent Trends in Chemical and Biological Sciences	Kuvempu University, Shankaraghatta, India	30-31 March 2010

			(NCRTCBS-2010)		
76	Determination of uric acid in biological samples using gold modified pencil graphite electrode.	H.C.B. Kalachar, Vishwanath R, Basavanna S and Y. Arthoba Naik	National Symposium on Electrochemical Science and Technology (NSEST-2010)	IISc, Bangalore, India	16-17, July 2010
77	Zinc-Diamond Nanoparticles Composite Coatings & its Corrosion Study	H.B. Murulidhara and Y. Arthoba Naik	International Conference on NANO Technology – Materials & Composites for Frontier Applications	Bharati Vidyapeeth Deemed University, Pune, India.	14 & 15, Oct. 2010
78	Electrodeposition of Zn-graphite nanoparticles composite and their Characterization	H.B. Murulidhara, J. Balasubramanyan and Y. ArthobaNaik	9 th International Symposium on Advances in Electrochemical Science and Technology	SAEST, Chennai India	2 -4, Dec. 2010.
79	Studies on degradation of textile C.I.Vat Brown 1 solution by electrochemical method.	K. Prakash, J. Narayana and Y. Arthoba Naik	National Conference on Global Climate Change: Prospective and Challenges (NCGCC-2011)	Dept. of Environmental Sciences, Kuvempu University	23 & 24, March 2011
80	UV-Visible studies on decolourisation of textile reactive dye solution (C.I. Reactive Blue 21) by electrochemically method.	Roopa M.C. K. Prakash, J. Narayana and Y. Arthoba Naik	National Conference on Global Climate Change: Prospective and Challenges (NCGCC-2011)	Dept. of Environmental Sciences, Kuvempu University	23 & 24, March 2011
81	Removal of mercury and lead using copper oxide nanoparticles – equilibrium and thermodynamic studies	T. Sheela, Y. Arthoba Nayaka S. Basavanna& R. Viswanath	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
82	Voltammetric determination of Insulin in pharmaceutical sample using gold modified pencil graphite electrode	S.V. Ashritha, Shruthi S Bhat, K.S. Sujay, H.C.B. Kalachar, P. Manjunatha& Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011

83	The effects of electrodeposition current density and corrosion properties of Zn-V ₂ O ₅ composite coatings	S. Bindiya, S. Basavanna, T. Sheela, R. Viswanatha & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
84	Evaluation of colour removal and degradation of textile dye wastewater by electrochemical method using graphite carbon electrodes	K. Prakash, J. Narayana and Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
86	Voltammetric determination of 5-hydroxy tryptophan in pharmaceutical samples using gold modified pencil graphite electrode	S.L. Smitha, M. Pooja, A. Brunda, H.C.B. Kalachar, P. Manjunatha & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
87	Preparation and characterization of magnesium doped zinc oxide nanoparticles	R. Viswanatha, Y. Arthoba Nayaka T.G. Venkatesha & T. Sheela	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
88	A hybrid electrochemical-adsorption approach for the removal of Levafix Yellow CA	T.G. Venkatesha R. Viswanatha & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
89	The influence of a new brightener on electrodeposition and corrosion properties of Zn-Ni alloy coatings	S. Manjunatha, S. Basavanna & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
90	Differential pulse voltammetric analysis of L-dopa in biological samples using gold modified pencil graphite	S.K. Peethambar, H.C.B. Kalachar, Rajeshwara N Achur & Y. Arthoba Naik	National Conference on Social Relevance of Chemical	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011

	electrode		Sciences (SRCS-2011)		
91	Voltammetric determination of Uric acid in reptilian excreta of common house Lizard Hemidactylus flaviviridis	L. Jyothi, B. Nandini, Mohammad Hanif Haveri, H.C.B. Kalachar, P. Manjunatha & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
92	Voltammetric behavior and determination of antihistaminic drug	B.K. Chetyan & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
93	Simultaneous determination of Tyrosine and 5-Hydroxy tryptophan by differential pulse voltammetric and cyclic voltammetric techniques	H.C.B. Kalachar, Y. Arthoba Naik & R. Viswanatha	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
94	Electrochemical fabrication and electrocatalytic characteristics studies of gold microarray electrode for the development of electrochemical sensor	S. Basavanna, B.K. Chetan, Y. Arthoba Naik & K.J.Rao	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
95	Preparation of anatase TiO ₂ nanopowder via Sol-gel method	C.C. Vidyasagar, Y. Arthoba Nayaka T.G. Venkatesha & P. Manjunatha	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011
96	Electrodeposition of nanocrystalline zinc on steel substrate from acid sulphate bath	H.B. Murulidhara, Y. Arthoba Nayaka K. Yogesh Kumar & J. Balasubramanyam	National Conference on Social Relevance of Chemical Sciences	Dept. of Chemistry, Kuvempu University	26 & 27, March 2011

			(SRCS-2011)		
97	Degradation of Textile Dye C.I. Vat Orange 2 solution by Electrochemical Method	Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka	International Conference on Synthesis and Structural Chemistry (ICSSC-2011)	Dept. of Chemistry, Mangalore University	8 – 10, Dec. 2011
98	Degradation of Textile Dye C.I. Vat Orange 2 solution by Electrochemical Method	Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka	International Conference on Synthesis and Structural Chemistry (ICSSC-2011)	Dept. of Chemistry, Mangalore University	8 – 10, Dec. 2011
99	Effect of Temperature on Crystallinity of Anatase Cr-TiO ₂ Nanoparticles	Vidyasagar, C.C. Y. Arthoba Nayaka	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015
100	Electrochemical Degradation and Cyclic Voltammetric Studies of Textile Reactive Azo Dye Reactive Black 5 (RB5)	Prakash Kariyajjanavar, J. Narayana, Y. Arthoba Nayaka	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015
101	β -Cyclodextrin Modified Carbon Paste Electrode as Pb(II) Sensor: Characterization and DPASV studies	Madhuri H R, Y. Arthoba Nayaka	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015
102	Gold nanoparticles-coated Multiwall Carbon Nanotubes-modified electrode for electrochemical determination of Dopamine	S. Basavanna, Y. Arthoba Nayaka , Vedamurthy, K. Gurumurthyappa, V.N.	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015
103	Effect of concentration of dopants on crystallinity and optical properties of CuO and Zn doped CuO nanoparticles.	Yathisha, R.O, Y. Arthoba Nayaka .	National Conference on Recent Advances in Chemical Science Research (RACSR-	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015

			2015)		
104	Study of structural, optical and electrical properties of hexagonal prism shaped ZnO and Cr doped ZnO nanoparticles by simple microwave combustion method.	Yathisha R.O , Y. Arthoba Nayaka , Vinay M M , Purushothama H T	International Conference on Chemistry for renewable energy (ICCRE-2016)	Department of chemistry, Bishop Herber College, Trichy, Tamilnadu.	25 & 26 Feb-2016
105	Doping effect of Cr ions on structural, optical and electrical properties of ZnO nanoparticles.	Yathisha R.O, Y. Arthoba Nayaka	National Conference on Chemical and Bio-Chemical Aspects in Pharmaceutical Applications (NCCBAPA-2016).	Dept.of Pharmaceutical Chemistry, P.G centre, Kuvempu University, Kadur.	23rd April-2016
106	Microwave assisted Combustion synthesis and characterization of CuO nanoparticles.	Yathisha R.O, Y.Arthoba Nayaka	National conference on Mechanical, Materials, Manufacturing Engineering (NCMMM-2016)	Dept.of Mechanical Engineering, The national institute of engineering, Mysore.	23 & 24 May 2016
107	Influence of 2-methyl-5-nitro-N-phenylmethyldene aniline (CP1) on Zn-Mn alloy plating from acid sulphate bath	D.Thippeswamy, Y. Arthoba Nayaka	National Symposium Electrochemical Science and Technology (NSEST)-2016	Dept.of Inorganic and Physical Chemistry, IISC, Bengaluru.	15 and 16 July 2016
108	Enhanced adsorption of textile dyes from aqueous solution on mesoporous alumina.	T.G. Venkatesh, Y.Arthoba Nayaka	9 th Annual KSTA Conference	Christ University, Bengaluru.	20-21 December 2016
109	Structural, morphological, optical, electrical properties of Ni doped CdO Nanostructures prepared by a simple microwave combustion method	Yathisha R.O, Y.Arthoba Nayaka	9 th Annual KSTA Conference	Christ University, Bengaluru.	20-21 December 2016
110	Sensitive electrochemical investigation of dopamine present in	P. Manjunatha, Y.Arthoba Nayaka	9 th Annual KSTA Conference	Christ University, Bengaluru.	20-21 December 2016

	pharmaceutical and biological samples using Alanine-modified carbon paste electrode.				
111	Electrochemical Investigation of hydrochlorothiazide using multiwalled carbon nanotube modified carbon paste electrode as sensor.	H.T. Purushothama, Y.Arthoba Nayaka	9 th Annual KSTA Conference	Christ University, Bangaluru.	20 & 21 December 2016
112	Voltammetric investigation of aspirin using Fe ₂ O ₃ nanoparticle modified carbon paste electrode.	M.M. Vinay, Y.Arthoba Nayaka	9 th Annual KSTA Conference	Christ University, Bangaluru.	20 & 21 December 2016
113	Development of Fe ₂ O ₃ Nanoparticle modified carbon paste electrode: For the voltammetric investigation of paracetamol.	M.M. Vinay, Y.Arthoba Nayaka	35 th Annual ICC Conference. (CYSA nominated Abstract)	Haribhai V. Desai College and College of Engineering, Pune	22-24, December 2016
114	Voltammetric study of Hydrochlorothiazide on multiwalled carbon nanotube modified carbon paste electrode.	Y.Arthoba Nayaka	35 th Annual ICC Conference.	Haribhai V. Desai College and College of Engineering, Pune	22-24, December 2016
115	Synthesis and Characterization of hexagonal prism shaped ZnO nanoparticles prepared through a microwave combustion method.	R.O. Yathisha, Y.Arthoba Nayaka	35 th Annual ICC Conference.	Haribhai V. Desai College and College of Engineering, Pune	22-24, December 2016
116	Electrochemical investigation of Paracetamol using iron oxide nanoparticle modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka , Purushothama H. T, Yathisha R. O	International Conference on Nanotechnology : The Fruition of Science (ICON-2017)	Nesamony Memorial Christian College, Marthandam-629165, Tamilnadu	15-16 February, 2017
117	Fe ₂ O ₃ -nanoparticles Modified carbon paste electrode for the voltammetric investigation of	Vinay M M, Y. Arthoba Nayaka ,	International Conference on Green Chemistry Nanotechnology Opportunities	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017

	Aspirin		Challenges-2017		
118	Investigation on the structural, optical and electrical properties of MgO and Zn doped MgO nanomembranes	Yathisha R. O, Arthoba Nayaka Y., Manjunatha P, Purushothama H. T, Vinay M M.	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
119	Simultaneous determination of hydrochlorothiazide and paracetamol using multi-walled nanotube paste electrode	Purushothama H. T, Y. Arthoba Nayaka , Yathisha R. O, Vinay M M	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
120	Electrochemical investigation Paracetamol and Dopamine Using iron oxide nanoparticle Modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka , Basavarajappa K V	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
121	An electrochemical sensor for the voltammetric Determination of Chlorpromazine	Purushothama H T, Y. Arthoba Nayaka ,	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
122	Zn doping effect on the structural, optical and electrical properties of magnesium oxide nanoparticles	Yathisha R O, Y. Arthoba Nayaka	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
117	Fe ₂ O ₃ -nanoparticles Modified carbon paste Electrode for the voltammetric investigation of Aspirin	Vinay M M, Y. Arthoba Nayaka ,	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
118	Investigation on the structural, optical and	Yathisha R. O, Arthoba Nayaka Y.,	International Conference on	Department of Chemistry,	27-28 February

	electrical properties of MgO and Zn doped MgO nanomembranes	Manjunatha P, Purushothama H. T, Vinay M M.	Green Chemistry Nanotechnology Opportunities Challenges-2017	Food Science and Technology and DDU Kaushal Kendra	2017
119	Simultaneous determination of hydrochlorothiazide and paracetamol using multi-walled nanotube paste electrode	Purushothama H. T, Y. Arthoba Nayaka , Yathisha R. O, Vinay M M	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
120	Electrochemical investigation Paracetamol and Dopamine Using iron oxide nanoparticle Modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka , Basavarajappa K V	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
121	An electrochemical sensor for the voltammetric Determination of Chlorpromazine	Purushothama H T, Y. Arthoba Nayaka ,	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
122	Zn doping effect on the structural, optical and electrical properties of magnesium oxide nanoparticles	Yathisha R O, Y. Arthoba Nayaka	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
117	Fe ₂ O ₃ -nanoparticles Modified carbon paste Electrode for the voltammetric investigation of Aspirin	Vinay M M, Y. Arthoba Nayaka ,	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
118	Investigation on the structural, optical and electrical properties of MgO and Zn doped MgO nanomembranes	Yathisha R. O, Arthoba Nayaka Y., Manjunatha P, Purushothama H. T, Vinay M M.	International Conference on Green Chemistry Nanotechnology Opportunities	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017

			Challenges-2017		
119	Simultaneous determination of hydrochlorothiazide and paracetamol using multi-walled nanotube paste electrode	Purushothama H. T, Y. Arthoba Nayaka , Yathisha R. O, Vinay M M	International Conference on Green Chemistry Nanotechnology Opportunities Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27-28 February 2017
120	Electrochemical investigation Paracetamol and Dopamine Using iron oxide nanoparticle Modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka , Basavarajappa K V	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
121	An electrochemical sensor for the voltammetric Determination of Chlorpromazine	Purushothama H T, Y. Arthoba Nayaka ,	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
122	Zn doping effect on the structural, optical and electrical properties of magnesium oxide nanoparticles	Yathisha R O, Y. Arthoba Nayaka	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
120	Electrochemical investigation Paracetamol and Dopamine Using iron oxide nanoparticle Modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka , Basavarajappa K V	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
121	An electrochemical sensor for the voltammetric Determination of Chlorpromazine	Purushothama H T, Y. Arthoba Nayaka ,	National Conference On recent Advance in Chemical Biology and Material Science for	Department of Industrial chemistry Kuvempu University	9-10 February 2018

			industry and society		
122	Zn doping effect on the structural, optical and electrical properties of magnesium oxide nanoparticles	Yathisha R O, Y. Arthoba Nayaka	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10 February 2018
120	Electrochemical investigation Paracetamol and Dopamine Using iron oxide nanoparticle Modified carbon paste electrode	Vinay M M, Y. Arthoba Nayaka, Basavarajappa K V	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10, February 2018
121	An electrochemical sensor for the voltammetric Determination of Chlorpromazine	Purushothama H T, Y. Arthoba Nayaka,	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10, February 2018
122	Zn doping effect on the structural, optical and electrical properties of magnesium oxide nanoparticles	Yathisha R O, Y. Arthoba Nayaka	National Conference On recent Advance in Chemical Biology and Material Science for industry and society	Department of Industrial chemistry Kuvempu University	9-10, February 2018
123	Effect of Vanadium Pentoxide (V ₂ O ₅) on the corrosion protection performance of Zn-Mn- V ₂ O ₅ composite coating on mild steel	DyamannaThippeswamy, Yanjerappa Arthoba Nayaka, and MatadMallikarjunai ah Vinay	National Conference On Exploring Innovative Research and Developments In Chemical Sciences	Department of Chemistry Kuvempu University	1-2, March 2019
124	OH functionalized MWCNT modified carbon paste	Vinay M M, Y. Arthoba Nayaka, Purushothama H T,	National Conference On Exploring	Department of Chemistry Kuvempu	1-2, March 2019

	electrode as sensor for electrochemical detection of aceclofenac	Yathisha R O, Basavarajappa K V, Manjunatha P	Innovative Research and Developments In Chemical Sciences	University	
125	Electrochemical determination of Chlorpromazine using Norvaline modified carbon paste electrode	Purushothama H T and Y. Arthoba Nayaka	National Conference On Exploring Innovative Research and Developments In Chemical Sciences	Department of Chemistry Kuvempu University	1-2, March 2019
126	Doping Effect of Cr ³⁺ ions in Cr-doped TiO ₂ Nano-Rods Synthesized by Microwave Combustion Method	Yathisha R O and Y. Arthoba Nayaka	National Conference On Exploring Innovative Research and Developments In Chemical Sciences	Department of Chemistry Kuvempu University	1-2, March 2019
127	Synthesis of nanostructured SnO ₂ by combustion method and its Zn-SnO ₂ composite coating for corrosion protection	K. Deepa and Y. Arthoba Nayaka	National Conference On Exploring Innovative Research and Developments In Chemical Sciences	Department of Chemistry Kuvempu University	1-2, March 2019
128	Electrochemical Determination of Propranolol using graphene oxide modified carbon paste electrode	Purushothama H.T and Y. Arthoba Nayaka	International Conference On Advanced Functional Materials For Energy, Environment and Health Care (AFMEEHC)	Center for Materials Science and Technology, University of Mysore	18-20, March 2019
129	NH ₂ functionalized MWCNT modified carbon paste electrode as sensor for electrochemical detection of Paracetamol and dopamine	Vinay M M, Y. Arthoba Nayaka , Basavarajappa K V	International Conference On Advanced Functional Materials For Energy, Environment and Health Care (AFMEEHC)	Center for Materials Science and Technology, University of Mysore	18-20, March 2019
130	Synthesis and characterization of 7-(diethylamino)-2-oxo-2H-chromene-3-carboxylic acid for photovoltaic applications	Basavarajappa K V, Y. Arthoba Nayaka , Vinay M M	International Conference On Advanced Functional Materials For Energy, Environment and Health Care (AFMEEHC)	Center for Materials Science and Technology, University of Mysore	18-20, March 2019
131	Comparative study of Zn-CuO microcomposite	Deepa K and Y. Arthoba Nayaka	International Conference On Advanced	Center for Materials Science and	18-20, March 2019

	and Zn-CuO nanocomposite for corrosion protection of steel		Functional Materials For Energy, Environment and Health Care (AFMEEHC)	Technology, University of Mysore	
132	Electrochemical Investigation of Vanillin in the presence of Uric acid at nano-Pr6O11 modified carbon paste electrode	Pradeepa E and Y. Arthoba Nayaka	National Conference on Imoact of Chemistry and Biology to the Society and Industry (ICBSI-2022)	Department of Industrial Chemistry, Kuvempu University, Shankaraghatta	20-21, May 2022
133	Electrochemical Investigation of Vanillin by simple, low cost- and trouble-free modified pencil graphite electrode	Pradeepa E and Y. Arthoba Nayaka	National Conference on Recent Advances in Chemical Science	Dept.of Chemistry, J.S.S. Arts and Commerce College, Gokak	23 rd July 2022
134	Sensitive and selective determination of vanillin in the presence of dopamine and uric acid using low-cost, trouble-free and disposable pencil graphite electrode	Pradeepa E and Y. Arthoba Nayaka	International Conference on Recent Advance in Chemistry	Dept. of Chemistry, Field Marshal K. M. Cariappa College, Madikeri	23 rd November 2022
135	Electrochemical Investigation of Theophyllin by modified Pencil graphite electrode	Pradeepa E and Y. Arthoba Nayaka	National Conference on Through the Instruments	Shri ShivagangotriM urughendrasSw amiji Arts, Science and Commerce College, Athani.	22 nd December 2022
136	Electrochemical investigation of methocarbamol using low-cost, trouble-free and disposable modified pencil graphite electrode	Pradeepa E and Y. Arthoba Nayaka	National Conferenceon Recents Developments in Chemical Sciences (RDCS-2023)	Sahyadri Science College, Kuvempu University	20-21, February 2023
137	Effect of vanadium pentoxide (V ₂ O ₅) on the corrosion protection performance of Zn-Mn-V ₂ O ₅ -Composite Coating on mild steel	Thippeswamy D and Y. Arthoba Nayaka	One Day National Conferenc e on Emerging Trends in Chemical Research (NCETCSR-2023)	Univeristy College of Science, Tumakuru	8 th , March 2023
138	Electrochemical investigation of	E. Pradeepa, Y. Arthoba	Two Day International	Jawaharlal Nehru National	1-2, March

	dopamine using low-cost, trouble-free and disposable pencil graphite electrode	Nayaka	Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	College of Engineering, Shivamogga	2024
139	Voltammetric investigation of an aminotriazole by using modified polymerized pencil graphite electrode	H.R. Sahana, Y. Arthoba Nayaka	Two Day International Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	Jawaharlal Nehru National College of Engineering, Shivamogga	1-2, March 2024
140	Improving the efficiency of niobium pentoxide used as an electrocatalyst in decorated graphite electrode significantly enhances the performance of all-iron redox flow batteries	B.C. Gireeshkumar, Y. Arthoba Nayaka , H.B. Muralidhara	Two Day International Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	Jawaharlal Nehru National College of Engineering, Shivamogga	1-2, March 2024
141	Hydrothermal synthesis of nickel chalcogenide (NIS ₂) for supercapacitor application	Sharath Kumar B, Arthoba Nayaka Y , Muralidhara H B	Two Day International Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	Jawaharlal Nehru National College of Engineering, Shivamogga	1-2, March 2024
142	Hydrothermal synthesis of NISE ₂ /GO nanocomposite as electrode material for high efficiency supercapacitors	Malashri B. S, Y. Arthoba Nayaka	Two Day International Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	Jawaharlal Nehru National College of Engineering, Shivamogga	1-2, March 2024
143	Electrochemical determination of ascorbic acid using low-cost pencil graphite electrode modified with methylene blue	Aishwarya K.G., Y. Arthoba Nayaka	Two Day International Conference on “Innovations in Sustainable Energy and Material Science (ISEM-2024)	Jawaharlal Nehru National College of Engineering, Shivamogga	1-2, March 2024
144	Voltammetric detection of fungicide in the environmental samples using Cu doped MgFe ₂ O ₄ modified carbon paste electrode.	H.R Sahana, Y. Arthoba Nayaka	3 rd International Conference on Electrochemical Science and Technologies. (ICONEST – 2024)	CSIR-National Physical Laboratory, New Delhi and ECSI Indian Institute of Science Campus Bengaluru	18-20, September 2024

145	Iron-Vanadium Doped Selenium Nanoparticles supported on Activated Carbon towards high performance vanadium flow battery.	Sharath Kumar B, Arthoba Nayaka Y, Muralidhara H B	3 rd International Conference on Electrochemical Science and Technologies. (ICONEST – 2024)	CSIR-National Physical Laboratory, New Delhi and ECSI Indian Institute of Science Campus Bengaluru	18-20, September 2024
146	Development of new brighter from the condensation of L-Methinine and glutaraldehyde for Zinc electroplating on mild steel from a sulphate bath.	J. Chaithra, Y. Arthoba Nayaka, H. R Sahana	3 rd International Conference on Electrochemical Science and Technologies. (ICONEST – 2024)	CSIR-National Physical Laboratory, New Delhi and ECSI Indian Institute of Science Campus Bengaluru	18-20, September 2024
147	Green synthesis of Iron vanadate nanoparticles using pumpkin seed extract for supercapacitor application.	Sharath Kumar B, Arthoba Nayaka Y, Muralidhara H B	Proceeding of the 23 rd Prof. K. V Thomas endowment National Seminar on Frontiers in material science.	Department of chemistry, Sacred heart college (Autonomus) Thevara, Kochi, India.	27-28, November 2024
148	Enhancing the efficiency of Nb ₂ O ₅ as an electrocatalyst on incorporated graphite electrodes significantly improves the performance of vanadium redox flow batteries.	B.C. Gireeshkumar, Arthoba Nayaka Y, Muralidhara H B	International Conference on Frontiers in Materials Science and Technology: Energy, Environment and Sustainable Development.	Department of Physics, SRM TRP Engineering College, Tiruchirapalli – 621105, Tamil Nadu, India	5-6, December 2024
149	Enhancing the performance of vanadium redox flow battery by Cerium nanoparticles.	Sharath Kumar B, Arthoba Nayaka Y, Muralidhara H B	International Conference on Frontiers in Materials Science and Technology: Energy, Environment and Sustainable Development.	Department of Physics, SRM TRP Engineering College, Tiruchirapalli – 621105, Tamil Nadu, India	5-6, December 2024
150	Synthesis and electrochemical evaluation of a novel MgNb ₂ O ₆ /Graphene oxide composite as an electrode material for high efficiency supercapacitor.	Malashri B. S, Y. Arthoba Nayaka, Muralidhara H B	International Conference on Frontiers in Materials Science and Technology: Energy, Environment and Sustainable Development.	Department of Physics, SRM TRP Engineering College, Tiruchirapalli – 621105, Tamil Nadu, India	5-6, December 2024
151	Voltammetric detection of Pesticide using modified pencil graphite electrode as	H.R Sahana, Y. Arthoba Nayaka	International conference on Advances in chemical and	Amtrita Vishwa Vidyapeetham, Mysuru Campus.	23-24, January 2025.

	a sensor		Physical Sciences (ICACPS -2025)		
152	Evaluation of Anticorrosion property of Zn-NiFe ₂ O ₄ nanocomposi sts in 3.5% NaCl medium.	J. Chaithra, Y. Arthoba Nayaka , H. R Sahana	International conference on Advances in chemical and Physical Sciences (ICACPS -2025)	AmtritaVishwa Vidyapeetham, Mysuru Campus.	23-24, January 2025.
153	Hydothermal synthesis and electrochemical charactyerization of a novel Manganese vanadate electrode for improved performance in Iron redox flow batteries.	Malashri B. S, Y. Arthoba Nayaka , Muralidhara H B	DAE-BRNS Conference on electrochemistry in Industry, Healthy and environment (EIHE) - 2025	BARC Mumbai	21-25, January 2025
154	Voltammetric investigation of Antihistamine drug citrizinedihydrochlori de in presence of Uric acid usin sensitive methyl orange modified pencil graphite electrode	Aishwarya K.G., Y. Arthoba Nayaka	DAE-BRNS Conference on electrochemistry in Industry, Healthy and environment (EIHE) - 2025	BARC Mumbai	21-25, January 2025
155	Eletrochemical investigation of Methacarbamol using nanoparticle – modified carbon paste electrode.	E. Pradeepa, Y. Arthoba Nayaka	DAE-BRNS Conference on electrochemistry in Industry, Healthy and environment (EIHE) - 2025	BARC Mumbai	21-25, January 2025

No. of Papers Presented: 154

Technical Referee/Reviewer for the Research Journals: 32

Invited/Special lectures delivered: 30

Conferences/Seminars/Workshops attended: 43

Convener for organizing Conferences / Cultural Activities:

Sl. No.	Title of the Seminar/ Workshop/Conference	Resource Persons	Participants	Year
1	One day National Seminar on Nanotechnology – Past, Present and Future	i) Prof. M.R. Gajendragad Formenr Vice-Chancellor, Kuvempu University ii) Prof. K.J. Rao, SSCU, IISc, Bangalore iii) Prof. K.C. Patil, IPC, IISc, Bangalore iv) Prof. Sampath, IPC, IISc, Bangalore v) Prof. Kulkarni, Pharmacy College Belagaum	B.Sc., M.Sc. and research students, College and University Teachers	4, April 2008
2	One day workshop on Innovative Methods of Teaching (Co-Coordinator)	Prof. M.R. Gajendragad Formenr Vice-Chancellor, Kuvempu University	UG Teachers, who specially involved in teaching for DDE students of Kuvempu University	28, Sept. 2010
3	Two day National Conference on Social Relevance of Chemical Sciences	i) Prof. P. Venkataramaiah Formenr Vice-Chancellor, Kuvempu University ii) Prof. V. Yegnaraman Director, CECRI, Karaikudi, Tamilnadu iii) Dr. P.M. Radhakrishna Provimi Animal Nutrition India Pvt. Ltd. Bangalore iv) Dr. Chandra Bajagur, Shell Technology Centre, Bangalore v) Dr. B.M. Veerasha, Shell Technology Centre, Bangalore vi) Dr. Vijaya Sarathy, General Electric Company, Bangalore vii) Dr. S. Shivaramayya, Syngene Int. Pvt. Ltd., Bangalore	UG Teachers, PG Teachers, Scientists from Industries, Research Scholars and PG Students	26 & 27, March 2011
4	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	i) Prof. P. Venkataramaiah Formenr Vice-Chancellor, Kuvempu University ii) Prof. S. Akheel Ahmed Formenr Vice-Chancellor, Yenapoya University,	UG Teachers, PG Teachers, Scientists from Industries, Research Scholars and PG Students	14 & 15, March 2015

		<p>Mangalore</p> <p>iii) Prof. A. Venkataraman, Gulbarga University</p> <p>iv) Prof. K.R. Nagasundara, Bangalore University</p> <p>v) Dr. S. Sampath IPC Section, I.I.Sc., Bangalore</p> <p>vi) Dr. Manjunatha Badigar, Aurgenine Pvt. Ltd.</p> <p>vii) Dr. Dinesh, C, Aurgenine Pvt. Ltd.</p>		
5	<p>National Conference on Exploring Innovative Research and Developments In Chemical Sciences (EIRDCS- 2019)</p>	<p>i) Prof. P. Venkataramaiah Former Vice-Chancellor, Kuvempu University</p> <p>ii) Dr. M.N. Sudheendra Rao Former Professor of Chemistry, IIT Madras.</p> <p>iii) Dr. P.M. Radhakrishna, Chemlife Innovations Pvt. Ltd, Doddaballapura, Bengaluru rural – 561203.</p> <p>iv) Dr. Veena Prasad, Scientist, Centre for Nano and Soft Matter Sciences, Bangalore.</p> <p>vi) Dr. Vijaya Sarathy, IP Strategy Leader – Exponential Markets and Externals, John F Welch Technology Center, Bangalore</p> <p>vi) Dr. S. Sampath, IPC Section, I.I.Sc., Bangalore</p> <p>vii) Dr. K.R. Prabhu, DOC, IISc, Bangalore.</p> <p>viii) Dr. S. Natarajan, Framework Solids Laboratory, Solid State and Structural Chemistry Unit, IISc, Bangalore</p>	<p>UG Teachers, PG Teachers, Scientists from Industries, Research Scholars and PG Students</p>	<p>1 & 2, March 2019</p>
6	<p>Prof. P. Vasudeva Nayak Endowment Lecture on “Amazing Outcome of Scientific Pursuits – A few illustrations”</p>	<p>Prof. Sudeendra Rao, M.N. Professor (Rtd.), Dept. of Chemistry, IIT, Madras, Former Vice- Chancellor (Acting) & Pro- Chancellor, Central University of Karnataka, Kalaburagi.</p>	<p>PG Teachers, Research Scholars and PG Students</p>	<p>25.07.2024</p>
7	<p>One Day National Seminar on Organic</p>	<p>i) Sri Prashanth H. Chief Officer, Town Municipal Council, Tarikere,</p>	<p>Post-Graduate Students, Research</p>	<p>26.07.2024</p>

	Waste Management – By A Nature Friendly Approach.	ii) Dr. Chethan, B.K., Founder & CEO, ROHINI SCIENTIFIC, Bhadravathi, iii) Smt. Tahera Tasneem, Biomedical Engineer, Town Municipal Council, Tarikere, iv) Sri Abhishek V Sudhakar, Founder & CEO, Susera Recyclers Pvt. Ltd., Manipal, v) Sri Ramesh Yadlapati, Founder & CEO, Supr Enviro Farms Pvt. Ltd., Hyderabad – 500 085, Telangana, vi) Dr. Kalachar, H.C.B., CEO & Director, Dr. Arthos Solutions Pvt. Ltd., Dharmavaram, Anatapur, Andra Pradesh.	Scholars, Teachers, Farmers, Fisheries and Poultry Farmers and others.	
--	---	---	---	--

Convener for organizing Cultural Activities:

Sl. No.	Title of the Seminar/Workshop/Conference	Chief Guests	Participants	Year
1	Two day Inter-department cultural activities (Sahyadri Sinchana)	-	PG Students of all the Departments, Jnana Sahyadri Campus.	2 & 3, Nov. 2010
2	Three day Inter-College cultural activities (Sahyadri Utsav - 2010)	1) Prof. Basavalingaiah Former Director, Rangayana, Mysore. 2) Sri Hamsalekha Music Director, Kannada Film Industry, Bangalore	Inter-College Students from affiliated colleges	20 – 22, Nov. 2010
3	Two day Inter-department cultural activities (Sahyadri Sirigandha)	-	PG Students of all the Departments, Jnana Sahyadri Campus.	10 & 11, Oct. 2011
4	Three day Inter-College cultural activities (Sahyadri Utsav - 2011)	Shivamogga Subbanna	Inter-College Students from affiliated colleges	20 – 22, Nov. 2011

Books/Study Materials (DDE) Written: 08

Academic and Administrative/ Trainings Assignments:

Orientation Programme/Refresher Course/Training Courses:

1. 24 Days Orientation Programme conducted by UGC-ASC, 23-04-2001 to 19-05-2001, Sri Venkateswara University, Tirupati, (AP).
2. UGC Refresher Course, 24-11-2004 to 14-12- 2004, Kuvempu University, Shankaraghatta, Shimoga.
3. UGC Refresher Course, 28-09-2007 to 18-10-2007, Sri Krishnadevaraya University, Anantapur, (AP).
4. Computer Hardware and Networking, Instrument Maintenance Facility (IMF) Scheme Center, 10-12, Oct. 2006. Kuvempu University, Shankaraghatta.

Life Member for Professional Bodies:

1. The Electrochemical Society of India, LF-79, I.I.Sc, Bangalore-12, India.
2. Indian Council of Chemistry, LF-761, Agra, India.
3. International Society of Teachers and Researchers in Chemistry (ISTRC), India
4. Indian Association for Crystal Growth, LF-442, Chennai, India.
5. Kuvempu University Teachers Association (KUTA).

BOS Chairman:

Chemistry (Post-Graduate), Chemistry (Under-Graduate), Kuvempu University, Shankaraghatta.

Chemistry (Under-Graduate), Sahyadri Science College, Shankaraghatta.

Doctoral Committee Member:

School of Chemical Sciences, Kuvempu University, Shankaraghatta.

Department of Chemistry, Mangalore University, Konaje, Mangalore.

BOS Member:

Chemistry (Post-Graduate and Under-Graduate), Kuvempu University.

Chemistry (Post-Graduate), University of Mysore, Mysuru.

Chemistry (Post-Graduate), VSK University, Ballari.

BOE Chairman:

Chemistry (Post-Graduate), Chemistry (Ph.D./M.Phil Course Work), Kuvempu University, Shankaraghatta.

BOE Member:

1. M.Sc. in Chemistry and Organic Chemistry, Kuvempu University, Shankaraghatta.
2. M.Sc. (Hons), Sahyadri Science College, Shimoga.
3. M.Sc. in Chemistry, Karnatak University, Dharwad.
4. M.Sc. in Analytical Chemistry, Karnatak University, Dharwad.
5. M.Sc. in Medicinal Chemistry, SDM College, Ujire.
6. M.Sc. in Chemistry, Mangalore University, Mangalore.
7. M.Sc. in Chemistry, Mysore University, Mysuru.
8. M.Sc. in Chemistry, VSK University, Ballari.

Course Coordinator:

M.Sc. Chemistry, Directorate of Distance education, Kuvempu University.

Administrative Assignments:

- Chairman** : Dept. of Studies and Research in Chemistry, Kuvempu University, 07.11.2013 to 21.01.2016.
Dept. of Studies and Research in Chemistry, Kuvempu University, 14.08.2018 to till date.
- Faculty Advisor** : P.G. Boys Hostel (Block-I), Kuvempu University.
- ECA Convener** : 2010-2012.
- Director** : Development and Projects, Development Section, Kuvempu University, 07-06-2011 to 13-10-2014.
- Director** : School of Chemical Sciences, Kuvempu University 18-11-2019 to date 17.11.2021.
- Director** : Planning, Monitoring and Evaluation Board (PMEB), Kuvempu University, 03-07-2024 to till date.
- Academic Council Member** : Kuvempu University, 28-10-2021 to 27-10-2023.
- Syndicate Member** : Vijayanagara Sri Krishnadevaraya University, Ballari, 05-09-2024 to till date (Three Years)

Academic Council Member : Kuvempu University, 03-07-2024 to date (as PMEB Director)

Member & Chairman : College Affiliation Committee.

Member : Faculty of Science and Technology, Kuvempu University,
Shankaraghatta.
