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 : **PROFESSOR**

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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	70.11
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 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: Three times (2013, 2014 and 2015) nominated by Kuvempu University for **Shanti Swarup Bhatnagar Prize** for Science &Technology, Council of Scientific & Induatrial Research, Human Resource and Development Group, New Delhi, India.

Patents:

Absolute Graphite Electrode System For Voltammetric Studies And Thereof (Patent Filling Number: 3512/CHE/2012) – Filed fore the Indian Patent Office.

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_2O_3 and MgO nano-particles 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

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**

Ph.D. Co-Guidance (Awarded):

Sl.No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Shankaresha 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)

Ph.D. Guidance (Working):

Sl. No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Leena J. Rosario	Cyclic voltammetric investigations of some pharmaceutical drugs **21-10-2006, 937 /**
2	Manjunatha, M.	Development of Modified Electtodes for the Electrochemical Investigation of Biologically Important Molecules. **KU/CHE/Ph.D./PRG-01/ 31-01-2012.**
3	Thippeswamy, D.	Development of Low-Cost and Non-Toxic Aqueous Electroplating Baths for Composite Coatings. **KU/CHE/Ph.D./PRG-04/ 31-01-2012.**
4	Basavarajappa	
5	Madhuri, H.R.	
6	Yathish	
7	Vinay, M.M.	
8	Purushothama, H.T.	

Ph.D. Co-Guidance (working):

Sl.No	Name of the candidate	Research Topic / Reg. date and Reg. No./ Date of Award
1	Veena, M.S.	Working
2	Rangaswamy	Working

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 06-09-2017) : *117*

Citations (as on 06-09-2017) : *1547*

H-Index (as on 06-09-2017) : *22*

i10-Index (as on 06-09-2017) : *38*

Book Citations : *06*

Research gate total Reads (as on 06-09-2017) : *3011*

List of Papers Published:

Sl. No.	Title of the paper, Authors, ***Journal*, IF, Vol./ Ed., *Page No.*, Year.**
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**, ***J. Chemical and Pharmaceutical Research*, 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, ***IJPSR*, 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, ***Asian Journal of Chemistry*, 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, J. Electrochem .Soc. India, **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, ***Materials Chemistry and Physics*,** IF(2.3), **181, 167-175, 2016.**
112	Surfactant (PEG 400) effects on crystallinity of ZnO nanoparticles, C.C. Vidyasagar, **Y. Arthoba Naik, *Arabian Journal of Chemistry*,** IF (3.613), **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, ***Russian J. Electrochem.***, 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, ***J. Chil. Chem. Soc.*, 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, ***Bull. Mater. Sci.*, IF(0.870), 38(1), 271-282, 2015.**
108	Effect of Annealing on Structural,Crystallinity and Optical Properties of Anatase Cr–TiO2 Nanoparticles, C. C. Vidyasagar, H. B. Muralidhara, **Yanjerappa Arthoba Naik**, Gururaj Hosamani, Murugaiya Sridar Ilango, ***Energy and Environment Focus*, 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 ***Separation Science and Technology*, 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**, ***Journal of Chemical and Pharmaceutical Research*, 6(12), 823-831, 2014.**
105	Electrochemical studies on lawsone and its determination in henna (lawsonia inermis) extract using glassy carbon electrode B.K. Chethana, S. Basavanna, **Y. Arthoba Naik, J. *Analytical Chemistry*, 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 Kumarswamy Yogesh Kumar, Handanahally Basavarajaiah Muralidhara, **Yenjerappa Arthoba Nayaka,** ***Powder Technology,*** **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, ***Water & Environment,*** **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, ***International J. Pharmaceutical Chemistry,*** **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, ***IEEE Xplore***, **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** **Journal of Environmental Chemical Engineering 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, ***Powder Technology,*** **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, ***Desalination and Water Treatment (Taylor & Francis),*** **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, ***Applied Surface Sciences,*** **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, ***Powder Technology,*** **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, ***Nanoscience and Nanotechnology: An International Journal ,*** 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, ***Chemical Engineering,*** Refereed, **2013 (1),** 1-8, 2013.
93	Electrochemical studies on Usnic acid from *Usnea pseudosinensis* 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, ***International Journal of Analytical and Bioanalytical*** **Chemistry, 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,** ***Advanced Chemistry Letters,*** **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,** ***J. Chem. Pharma. Res.*** **Refeered, 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, ***Research Journal of Pharmaceutical, Biological and Chemical Sciences,*** **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, ***International J. Nanomaterials and Biostructures,*** 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,** ***Analytical Methods,*** 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,** ***Med. Chem.*** **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, ***Nanoscience and Nanotechnology: An International Journal*** **,** 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,** ***Journal of Chemistry,*** **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, ***J. Chem. Pharma. Res,*** 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, ***Int. J. Chem. Pharm. Sci. (IJCPS),*** 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, ***Int. J. Pharma. Chem (IJPC,*** 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,** ***Industrial & Engineering Chemistry Research (ACS),*** 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, ***Chemical Engineering Journal,*** 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, ***Nano-Micro Letters*****,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, ***Powder Technology,*** **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, ***J. Chem. Pharm. Res.,*** **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, ***Wireless Communication and Network,*** **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, ***Int. J. Chem. Sci.,*** **10(1), 524-538, 2012.**
74	Kinetics and thermodynamics of cadmium and lead ions adsorption on NiO nanoparticles, T.

	Sheela, **Y. Arthoba Nayaka,** ***Chemical Engineerig Journal,*** **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,** ***Arch. Appl. Sci. Res.,*** **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, ***Water and Environment,*** **2, 1-6, 2012.**
71	Electrochemical and reflectance studies of bright Zn-Co alloy coatings. S. Basavanna, **Y. Arthoba Naik**, ***Ind. J. Chem. Technol.,*** **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**, ***Indian Journal of Natural Sciences,*** **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, ***J. Chem. Pharm. Res.,*** **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, ***J. Chem. Pharm. Res.,*** **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, ***J. Nanoeng. Nanomanuf. (ASP),*** **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,** ***Int. J. Res. Chem. Environ***, **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, ***Pharm Ana & Qual Assur,*** **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,** ***J. Chem. Pharm. Res.,*** **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, ***Pharm Ana & Qual Assur.,*** **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,** ***Med. Chem.,*** **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, ***Powder Technology,*** **IF(2.26), 217, 163-170, 2012.**
60	Electrodeposition and Corrosion Properties of Zn-V_2O_5 Composite Coatings. S. Bindya, S. Basavanna, Y. **Arthoba Nayaka,** ***J. Mat. Engg. Perform.***, **IF(0.981), 21(9), 1879-1884, 2012.**
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Best Papers/Highlighted Papers:

Sl. No.	Title of the paper, Authors, ***Journal,* IF, Vol./ Ed., *Page No.*, Year.**
1	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, ***Powder Technology*, 1.887, 214, 337-343, 2011.**
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2	*gem*-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, ***Synthesis,* IF(2.572), 14, 2349-2356, 2009.**
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3	Di-*tert*-butyl Dicarbonate: A versatile carboxylating reagent. John Kallikat Augustine, **Y. Arthoba Naik**, Veeramani Vairaperumal, Sharmila Narasimhan, ***Tetrahedron,* IF(2.869), 65, 134-138, 2009.**
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4	Studies on nanocrystalline zinc coating. H.B. Muralidhara, **Y. Arthoba Naik, B. Mater. Sci., IF(0.870), 31(4), 1-7, 2008.**
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8	Corrosion Behavior of Zn-TiO_2 Composite coating. B.M. Praveen, T.V.Venkatesha, **Y. Arthoba Naik,** K. Prashantha, ***Synth. React. Inorg. Metal-Org.*, IF(0.576), 37, 461-465, 2007.**
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List of Papers Presented:

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Sl. No	Title of the paper	Authors	Conference	Place	Month & Year
1	Electrodeposition of bright zinc from chloride-sulphate bath	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	18th Annual conference of ICC	Jalgaon	27-29 Dec. 1999
2	Industrial zinc electrodeposition from acid electrolyte	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	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 Naik**, T.V.Venkatesha & P.Vasudeva Nayak	19th 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 Naik**, & T.V.Venkatesha	19th Annual conference of ICC	Shankaraghatta, Shimoga	27-29 Nov. 2000
5	Development of Bright Zinc Electroplating bath-A Hull cell study	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	88th Session of Indian Science Congress held at Indian Agricultural	New Delhi	3 -7 Jan. 2001

			Research Institute		
6	Development of bright zinc electroplating bath: A Hull cell study	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	National Convention of Electrochemists	CECRI, Karaikudi (TN)	26, 27 April 2001
7	Effect of Semicarbazide and Glutaraldehyde on zinc electrodeposition from Sulphate-chloride bath	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	National Symposium on Electrochemical Science and Technology-2001	IISc, Bangalore	20, 21 July 2001
8	Effect of 3,4,5-Trimethoxy benzaldehyde on Electrodeposition from Sulphate-Chloride bath	**Y.Arthoba Naik**, T.V.Venkatesha & P.Vasudeva Nayak	38th 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 Naik**, T.V.Venkatesha & P.Vasudeva Nayak	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 Naik**, T.V.Venkatesha & P.Vasudeva Nayak	21st Annual conference of ICC	Jabalpur, (M.P)	24-26 Oct. 2002
11	Zinc Plating from a Non-Cyanide Alkaline Bath	**Y.Arthoba Naik** & T.V.Venkatesha	22nd Annual conference of ICC	Roorkee, (Uttaranchal)	17-19 Oct. 2003
12	Electrochemical Synthesis of Polynitroaniline	H.P. SACHIN, Ganesha Achary, **Y. Arthoba Naik** & T.V. Venkatesha.	23rd Annual Conference of ICC	K.C.College, Mumbai	
13	Surface treatment of Zinc corrosion protection by a new chelating agent	Ganesha Achary, H.P. SACHIN, **Y. Arthoba Naik** & T.V. Venkatesha.	23rd Annual Conference of ICC	K. C. College, Mumbai	
14	Electrochemical Reduction of Meta-nitrobenzaldehyde and Benzophenone on Tin Cathode In acidic aqueous ethanol medium	H.P. SACHIN, Ganesha Achary, **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	Ganesha Achary, 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 Zinc-Nickel Alloy from Noncyanide-Sulphate bath.	Sreekanth Jois. H.S. H.P. SACHIN, Ganesha Achary, **Y. Arthoba Naik** & T.V.Venkatesha.	National Seminar on "Recent advances in Electrochemical and Surface Sciences for	Kuvempu University	3, 4 Dec.2004

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17	Corrosion Inhibition by the Imine Compounds for Steel in Acid medium.	S.K. Syed Murtuza Ali, SACHIN. H.P, Ganesha Achary, **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.	Ganesha Achary, H.P. Sachin, **Arthoba Naik.Y**, & Venkatesha. T.V.	National seminar on " Frontiers of Chemical Sciences"	Aurangabad for College 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, Ganesha Achary, **Arthoba Naik.Y**, & Venkatesha. T.V.	National seminar on " Frontiers of Chemical Sciences"	Aurangabad for College 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 Metol for zinc and steel in HCl	B. M. Praveen, H. P. Sachin, Ganesha Achary, 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-Zn composite coating	B. M. Praveen, H. P. Sachin, Ganesha Achary, 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,	National conference on current trends in	Mangalore University	13-14 May 2006

		Ganesha Achary, H. B. Muralidhara, T.V. Venkatesha **Y. Arthoba Naik**	chemical research [CTCR-2006]		
24	Electrochemical Treatment Of 4-(4- Nitrophenylazo)-1-Naphthol In Alkaline Medium	U. Manohara, S. Shivakumar, H. P. Sachin, Ganesha Achary, H. B. Muralidhara, B. M. Praveen, **Y. Arthoba Naik**	International Conference on Emerging Trends In Chemical Science [ICETCS-2007]	Mumbai	23-25th, January 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	National conference on emerging areas in chemical and biological sciences [NCEACB-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	National conference on emerging areas in chemical and biological sciences [NCEACB-2007]	Kuvempu University	23-24 March 2007
27	Synthesis and characterization of ZnO nanoparticles	S. Yogesha, 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
28	Preparation of Co_2O_3 nanoparticles by simple precipitation method	K.M. Asha, 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

29	A simple synthesis of CuO-ZnO nanoparticles by simple precipitation method	N.S. Ashmitha, 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
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_2O_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, Ganesha Achary, 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, Ganesha Achary 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 nanocrystalline MgO 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, Ganesha Achary, H. B. Muralidhara, S. Shiva kumara, U. Manohara, T.V. Venkatesha	International conference on nano-materials for electronics [ICNME-2006]	Centre for Materials for Electronics Technology (C-MET), Pune	27-29 November 2007

		Y. Arthoba Naik			
40	Electrochemical degradation of selected dyes in aqueous solutions by using carbon electrodes	Prakash Kariyajjanavar, J. Narayana, **Y. Arthoba Naik**	National Convention of Electrochemists [NCE-14]	Indira Gandhi Centre for Atomic Research. Kalpakkam	6-7 December 2007
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 $Ni_{1-x}Zn_xFe_2O_4$ nanoferrites.	H.E. Mallikarjuna, S. Basavanna, **Y. Arthoba Naik,** 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 $Zn_{1-x}Co_xFe_2O_4$ nanoferrites	B. Chidananda, S. Basavanna, **Y. Arthoba Naik,** 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 $Ni_{1-x}Cu_xFe_2O_4$ nanoferrites	K.M. Praddpa, S. Basavanna, **Y. Arthoba Naik,** 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 Naik,** 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. Athoba Naik, 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, 7th March 2009
51	Cyclic voltammetric studies of vanillin on modified carbon paste electrode	B.K. Chethana, Y. Athoba Naik, H.C.B. Kalachar, Vishwanath	National Level Students' Symposium (CHEMEXCEL-2009)	Bapuji Institute of Engg. and Tech., Davanagere	6th March 2009
Received I Place in Best Paper Award					
52	Electrochemical degradation and cyclic voltammetric studies on Patton and Reeders reagent	Kalachar H.C.B. Nischith H.M., Viswanatha R., Athoba Naik 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 Athoba Naik 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 barium phosphate and Nefion.	Y. Arthoba Naik and T. Sheela	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
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 on electrochemical behavior of zinc - study.	H.C.B. Kalachar R. Viswanatha and Y. 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 (II) and mercury (II).	T. Sheela and Y. Arthoba Naik	Three day International Conference on Recent Advances in Industrial Electrochemical Science and Technology	Mangalore University, Mangalore	5-7, Nov. 2009
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 Gential 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 –	H.C.B. Kalachar C.C. Vidyasagar, R. Viswanath, and Y. Arthoba Naik	International Conference on Current Trends in Chemistry and	Central College Campus, Bangalore University,	18-19, Dec. 2009

	A cyclic voltammetric study.		Biochemistry (ICCTCB-2009)	Bangalore	
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 Mucuna pruriens 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 (NCRTCR 2010)	NITK, Surathkal, Mangalore 575 025	8-10, March 2010
69	Preparation and characterization of barium hydrogen phosphate nanoparticles and its application in voltammetric determination of Murcury(II) using carbon paste.	Y. Arthoba Naik and T. Sheela	National Conference on Recent Trends in Chemical Research (NCRTCR 2010)	NITK, Surathkal, Mangalore 575 025	8-10, March 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, 31st 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, 31st March 2010
72	Fe^{3+}/H_2O_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, 31st 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, 31st 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, 31st March 2010
75	Electrodeposition of composite coatings using SnO_2	S. Bindiya, Y. Arthoba Naik and S. Basavanna	National Symposium on Electrochemical Science and	IISc, Bangalore, India	16-17, July 2010

	nanoparticals on mild steel		Technology (NSEST-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	Electrodepostion of Zn-graphite nanoparticles composite and their Characterization	H.B. Murulidhara, J. Balasubramanyan and Y. Arthoba Naik	9th 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 Naik, 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_2O_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
85	Cyclic voltammetric determination of L-dopa	M. Tharadevi, H. Ramya, M.C.	National Conference on Social Relevance	Dept. of Chemistry,	26 & 27, March

	in Syndopa-275 tablet using gold modified electrode	Prema, H.C.B. Kalachar, P. Manjunatha & Y. Arthoba Naik	of Chemical Sciences (SRCS-2011)	Kuvempu University	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 Naik, 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 electrode	S.K. Peethambar, H.C.B. Kalachar, Rajeshwara N Achur & Y. Arthoba Naik	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 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 behaviour 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	Electyrochemical fabrication and electrocatalytic characteristics studies of gold microarray electrode for the development of	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

	electrochemical sensor				
95	Preparation of anatase TiO_2 nanopowder via Sol-gel method	C.C. Vidyasagar, Y. Arthoba Naik, 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	Electrodepostion of nanocrystalline zinc on steel substrate from acid sulphate bath	H.B. Murulidhara, Y. Arthoba Naik, K. Yogesh Kumar & J. Balasubramanyam	National Conference on Social Relevance of Chemical Sciences (SRCS-2011)	Dept. of Chemistry, Kuvempu University	26 & 27, March 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-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015
104	Study of structural, optical and electrical properties of hexagonal prism shaped ZnO and Cr doped ZnO nanoparticles by simple	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 th Feb-2016

	microwave combustion method.				
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.	23rd &24th May 2016
107	Influence of 2-methyl-5-nitro-N-phenylmethylidene 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.	15th and 16th July 2016
108	Enhanced adsorption of textile dyes from aqueous solution on mesoporous alumina.	T.G. Venkatesh, Y.Arthoba Nayaka	9th Annual KSTA Conference	Christ University, Bangaluru.	20th& 21st 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	9th Annual KSTA Conference	Christ University, Bangaluru.	20th& 21st December 2016
110	Sensitive electrochemical investigation of dopamine present in pharmaceutical and biological samples using Alanine-modified cabon paste electrode.	P. Manjunatha, Y.Arthoba Nayaka	9th Annual KSTA Conference	Christ University, Bangaluru.	20th& 21st December 2016
111	Electrochemical investigation of hydrochlorothiazide using multiwalled carbon nanotube modified carbon paste electrode as sensor.	H.T. Purushothama, Y.Arthoba Nayaka	9th Annual KSTA Conference	Christ University, Bangaluru.	20th& 21st December 2016
112	Voltammetric investigation of Aspirin using Fe_2O_3 nanoparticle	M.M. Vinay, Y.Arthoba Nayaka	9th Annual KSTA Conference	Christ University, Bangaluru.	20th& 21st December 2016

	modified carbon paste electrode.				
113	Development of Fe_2O_3 nanoparticle modified carbon paste electrode for the voltammetric investigation of paracetamol.	M.M. Vinay, Y.Arthoba Nayaka	35th Annual ICC Conference. (CYSA nominated Abstract)	Haribhai V. Desai College and College of Engineering, Pune	22nd to 24th, December 2016
114	Voltametric study of hydrochlorothiazide on multiwalled carbon nanotube modified carbon paste electrode.	H.T. Purushothama, Y.Arthoba Nayaka	35th Annual ICC Conference.	Haribhai V. Desai College and College of Engineering, Pune	22nd to 24th, December 2016
115	Synthesis and Characterization of hexagonal prism shaped ZnO nanoparticles prepared through a microwave combustion method.	R.O. Yathisha, Y.Arthoba Nayaka	35th Annual ICC Conference.	Haribhai V. Desai College and College of Engineering, Pune	22nd to 24th, 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	15th and 16th February, 2017
117	Fe_2O_3-nanoparticles modified carbon paste electrode for the voltammetric investigation of Aspirin	Vinay M M, Y. Arthoba Nayaka, Manjunatha P, Purushothama H. T, Yathisha R. O	International Conference on Green Chemistry and Nanotechnology Opportunities and Challenges-2017	Department of Chemistry, Food Science and Technology and DDU Kaushal Kendra	27th and 28th February 2017

Technical Referee/Reviewer for the Research Journals:

Sl. No.	Name of the Journal	Status
1.	Electrochemical and Solid-State Letters	**ECS Publications**
2.	J. Hazardous Materials	**ELSEVIER**
3.	Corrosion Science	**ELSEVIER**
4.	Materials Chemistry and Physics	**ELSEVIER**
5.	Synthetic Metals	**ELSEVIER**
6.	Desalination	**ELSEVIER**
7.	Inorganica Chimica Acta	**ELSEVIER**
8.	Physica E	**ELSEVIER**
9.	Journal of Electroanalytical Chemistry	**ELSEVIER**
10.	Electrochimica Acta	**ELSEVIER**
11.	Surface Coating and Technology	**ELSEVIER**
12.	Thermochimica Acta	**ELSEVIER**
13.	Materials Research Bulletin	**ELSEVIER**
14.	Bull. Matter. Sci.	**SPRINGER**
15.	Journal of Applied Electrochemistry	**SPRINGER**
16.	Chemical Engineering Communications	**Tailor & Francis**
17.	Synthesis and Reactivity in Inorganic, Metal-organic, and Nano-metal Chemistry	**Tailor & Francis**
18.	Chemistry of Materials	**ACS Paragon Plus Environment**
19.	Recent Patents on Mechanical Engineering	**Bentham Science Publishers**
20.	Portugaliae Electrochimica Acta	The Portuguese Electrochemical Society Journal
21.	Water Science and Technology	International Water Association (IWA) IWA Publishing
22.	Progress in Color, Colorant and Coatings	**Ministry of Science, Research & Technology**
23.	Chemical Engineering Journal	-
24.	Environmental Engineering and Management Journal	- **IF 1.435**
25.	J. Medicinal Plants Research	Academic Journals

Invited/Special lectures delivered:

Sl. No.	Topics	Event	Participants	Place and date
1	Thermodynamics and Spectroscopy	Special Lecture	M.Sc.(Hons.) Students	Sahyadri Science College 2005-2007
2	Analytical Chemistry and Spectroscopy	Special Lecture	M.Sc. Students	May. 2007 Bhuvaneshwari Education Society, Bangalore
3	Chemical Spectroscopy	State Level Seminar	B.Sc. Students	13-03-2007 JCBM, College, Sringeri.
4	Chromatography and Electroanalytical Techniques	Special Lecture	M.Sc. Students	2 & 3, Dec.2007 UBDT Engg. College, Davanagere.
5	Nanotechnology	Invited Lecture	B.Sc. students	16-01-2008, Sri Mahaveera First Grade College, Moodbidri, D.K.
6	Nanotechnology	Invited Lecture	B.Sc. students	16-01-2008, Sri Bhuvanendra College, Karkala, Udupi Dist.
7	Bioanalytical Techniques	Special Lecture	M.Sc. students	1 & 2, March 2008 UBDT Engg. College, Davanagere.
8	Nanotechnology	UGC Sponsored Invited Lecture	B.Sc. and M.Sc. students	20th March 2008, Govt. Science College, Chitradurga
9	Bioanalytical Techniques	Special Lecture	M.Sc. students	12, 19 & 26th April, 2008
10	Chemical fertilizers – Merits and Demerits	UGC Sponsored State Level Seminar	B.Sc. Students and Local Farmers	11th Sept. 2008, Tunga Mahavidyalaya, Thirthahalli
11	Fundamentals of Nanoscience and Technology	Vijnana Utsava	High School, PU and B.Sc. students	26-28th Feb. 2009, JCBM College, Sringeri
12	Fundamentals and applications of	Science Club	B.Sc. and M.Sc. students	12th March 2009, IDSG College,

	Nanoscience and Technology			Chikmagalur.
13	Nanomaterials and Applications	UGC sponsored State Level Seminar	B.Sc. Students and UG Teachers	14 and 15th Sept.2009, Bhandarkar's Arts and Science College, Kundapur-576 201, India
14	Recent Development in Nano Chemistry – An Overview	UGC sponsored State Level Seminar	B.Sc. Students, UG & PG Teachers	10th Oct. 2009, Govt. Science College, Hassan
15	Sri Sri Sri Valmeeki Maharshi Jayanthotsva SamaramBha	Valmeeki Maharshi Jayanthotsva	Community and Public peoples	25th Oct. 2009, Lions Club, Bhadravathi,
16	Nuclear and Radiation Chemistry	Invited Lecture	M.Sc. students and PG Teachers	10 & 11th May 2010, IDSG College, Chikmagalur.
17	An overview on Nanotechnology	Invited Lecture	PUC and B.Sc students and UG Teachers	10th Dec. 2010, Mountain View College, Chikmagalur
18	Nanoscience and Technology	Special Lecture	B.Sc and M.Sc students and Teachers	28-02-2011, (Science Day), Sir M.V. Govt. College, Bhadravathi
19	Imprtance of Nanoscience and Technology	Invited Lecture (Also as Co-Chairperson)	UGC Sponsored One Day National Seminar On Green Chemistry-Need of the Universe	Sri Sri Shivalingeshwara Swamy Govt. First Grade College & P.G. Centre, Channagiri, 28-02-2015.

Conferences/Seminars/Workshops attended:

Sl. No	Conference/Seminars/Workshops	Place	Month & Year
1	National workshop on Recent Trends in Micro-Analytical Techniques	Departments of Industrial Chemistry and Chemistry, Kuvempu University, Shankaraghatta, Shimoga.	10-13 Feb. 1998
2	Industrial Entrepreneurship Motivation programme	Departments of Industrial Chemistry and Chemistry, Kuvempu University, Shankaraghatta, Shimoga	18 Dec. 1999
3	National seminar on Polymer Technology for Industry and Society	Departments of Industrial Chemistry and Chemistry, Kuvempu University, Shankaraghatta, Shimoga	7, 8 Feb. 2000
4	18th Annual conference of Indian Council of Chemists	Jalgaon	27-29 Dec. 1999
5	National Symposium on Electrochemical Science and Technology-2000	ECSI, IISc, Bangalore	28, 29 July 2000
6	19th Annual conference of Indian Council of Chemists	Kuvempu University, Shankaraghatta, Shimoga	27-29 Nov. 2000
7	Tenth National Convention of Electrochemists	CECRI, Karaikudi (TN).	26, 27 April 2001
8	National Symposium on Electrochemical Science and Technology-2001	ECSI, IISc, Bangalore	20, 21 July 2001
9	Concise Course in Advanced Instrumental Chromatographic Techniques	Indian Council of chemists and Chromatographic Society of India, Kuvempu University, Shankaraghatta, Shimoga	6 Oct. 2001
10	38th Annual Convention of Chemists-2001	Indian Chemical Society, Jodhpur, India	26-29 Dec. 2001
11	One day National Seminar on Research Priorities in Environmental Science for 21st Century	Kuvempu University, Shankaraghatta, Shimoga	27th March 2002
12	*National Symposium on Electrochemical Science and Technology-2002*	IISc, Bangalore	19, 20 July 2002
13	21st Annual conference of ICC	Jabalpur, (M.P)	24-26 Oct. 2002
14	One-day seminar on Recent Developments in Spectroscopic Techniques	Kuvempu University, Shankaraghatta, Shimoga	27 Mar. 2003
15	One-day seminar on Drinking water quality and safety management	Kuvempu University, Shankaraghatta, Shimoga	31 Mar. 2003
16	22nd Annual conference of ICC	Roorkee, (Uttaranchal).	17-19 Oct. 2003
17	A seminar on Scenario of Research and Business Opportunities in Medicinal and Aromatic Plants in 21st Century	Kuvempu University, Shankaraghatta, Shimoga	29-31 Dec. 2003
18	National Seminar on *"Recent advances in Electrochemical and Surface Sciences for Industry and Society"*	Kuvempu University, Shankaraghatta, Shimoga	3, 4 Dec.2004

19	International workshop on crystal growth and characterization of technologically important materials	Crystal Growth Centre, Anna University, Chennai – 600 025, India	24 – 28 Feb. 2004
20	National Conference on Chemical Sciences for Industry and Society	Kuvempu University, Shankaraghatta, Shimoga	6-8 Jan. 2006
21	Computer Hardware and Networking	Instrument Maintenance Facility (IMF) Scheme Center, Kuvempu University, Shankaraghatta	10 –12 Oct. 2006
22	National conference on Emerging Areas in Chemical and Biological Sciences (NCEACB-2007)	Kuvempu University, Shankaraghatta, Shimoga	23, 24 Mar. 2007
23	Two day workshop on Self Instructional Material (SIM) writing	Kuvempu University, Shankaraghatta, Shimoga	17, 18 Dec. 2007
24	One day National Seminar on Nanotechnology – Past, Present and Future	Kuvempu University, Shankaraghatta, Shimoga	4, April 2008
25	International Conference on Frontiers in Chemical Research (ICFCR-2008)	Mangalore University, Mangalore	29-31, Dec. 2008
26	National Conference on Chemistry and Molecular Nanotechnology for Industry and Society (NCMNIS-2009)	Kuvempu University, Shankaraghatta	16 & 17, Jan. 2009
27	UGC Sponsored State Level Seminar on Recent Developments in Nanochemistry – An Overview	Govt. Science College, Hassan	10th Oct. 2009
28	Divisional Science Exhibition	JCBM College, Sringeri	10 & 11, Feb. 2010
29	A UGC-SAP Sponsored Two day National Conferecne on ecent Trends in Chemical and Biological Sciences (NCRTCBS-2010)	Kuvempu University, Shankaraghatta, India.	30-31st March 2010,
30	One day workshop on Innovative Methods of Teaching	Kuvempu University, Shankaraghatta, India.	28, Sept. 2010
31	Two day National Conference on Social Relevance of Chemical Sciences	Kuvempu University, Shankaraghatta, India.	26 & 27, March 2011
32	Two day Workshop on preparation of Self Instructional materials [SIM]	Directorate of Distance Education, Kuvempu University, Shankaraghatta	23 & 24, April 2011
33	One day Seminar on "Celebration of International Year of Chemistry – 2011, (IYC-2011).	Kuvempu University, Shankaraghatta	22, October 2011
33	Colloquium on Higher Education in 12th Five Year Plan.	Karnataka State Higher Education Council & Centre for Educational and Social Studies, Bangalore	23, Dec. 2011
34	One day Workshop on "Vision-2020" in Higher Education	Karnataka State Higher Education Council Bangalore	27, July 2012
35	One Day National Seminar On Green Chemistry-Need of the Universe (As a Resorce Person and Co-Chairperson)	Shivalingeshwara Swamy Govt. First Grade College & P.G. Centre, Channagiri.	28-02-2015.
36	National Conference on Recent Advances in Chemical Science Research (RACSR-2015)	Dept. of Chemistry, Kuvempu University	14 & 15 March-2015

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. Veeresha, 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 Coference 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, Mangalore	UG Teachers, PG Teachers, Scientists from Industries, Research Scholars and PG Students	14 & 15, March 2015

		iii) Prof. A. Venkataraman, Gulbarga University iv) Prof. K.R. Nagasundara, Bangalore University v) Dr. S. Sampath IPC Section, I.I.Sc., Bangalore vi) Dr. Manjunatha Badigar, Aurgenine Pvt. Ltd. vii) Dr. Dinesh, C, Aurgenine Pvt. Ltd.		

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:

(Study materials for Distance Education in Chemistry, DDE, Kuvempu University)

Sl. No.	Title of the Book	Course	Publisher	Year
1	Low-cost Synthesis of Semiconductor for Dye-sensitized solar cells (Green Energy for Great Life)	Textbook	LAMBERT Academic Publishing http://www.amazon.in/Low-Cost-Synthesis-Semiconductors-Dye-Sensitized-Solar/dp/3659367664	2013
2	Analytical Chemistry-I	M.Sc.(I	Directorate of Distance	2004

		Year) (Chemistry)	Education, Kuvempu University	
3	Physical Chemistry-IV	M.Sc.(I Year) (Chemistry)	Directorate of Distance Education, Kuvempu University	2004
4	Practical Physical Chemistry –III	M.Sc.(I Year) (Chemistry)	Directorate of Distance Education, Kuvempu University	2004
5	Analytical Chemistry-V	M.Sc.(II Year) (Chemistry)	Directorate of Distance Education, Kuvempu University	2005
6	Physical Chemistry-VIII	M.Sc.(II Year) (Chemistry)	Directorate of Distance Education, Kuvempu University	2005
7	Practical Physical Chemistry –VI	M.Sc.(II Year) (Chemistry)	Directorate of Distance Education, Kuvempu University	2005
8	Physical Chemistry-I	M.Sc.(I Year) (Applied. Chemistry)	Directorate of Distance Education, Kuvempu University	2007

Academic and Admistrative/ 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.

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.

1. M.Sc. (Hons), Sahyadri Science College, Shimoga.
2. M.Sc. in Chemistry, Karnatak University, Dharwad.
3. M.Sc. in Analytical Chemistry, Karnatak University, Dharwad.
4. M.Sc. in Medicinal Chemistry, SDM College, Ujire.

Course Coordinator:

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

Adminisrative Assignments:

Chairman	**:** Dept. of Studies and Research in Chemistry, Kuvempu University, 07.11.2013 to 21.01.2016.
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.
Member & Chairman	**:** College Affiliation Committee.
Member	**:** Faculty of Science and Technology, Kuvempu University, Shankaraghatta.

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