


Resume of Prof.B.M.VENKATESHA

Dr. B.M. Venkatesha M.Sc.,Ph.D.	
	
Designation & Address	Professor Department of Chemistry(UG&PG) Yuvaraja's College University of Mysore, Mysore-570005, INDIA
Email Id	bmvenkatesha@ycm.uni-mysore.ac.in bmvenkatesha123@gmail.com
Phone	Mobile:+91 9449264996 +919606343549
Area of Specialization	Reaction Kinetics, Production and characterization of Biodiesel. Pharmaceutical analysis techniques. Synthesis and characterization of Nano particles

Academic Qualification:

Course	University	Subject	Year	Remark
Ph.D.	University of Mysore	Chemistry (Physical Organic Chemistry)	1994	Awarded
M.Sc.	University of Mysore	Chemistry (Phy.Chem)	1988	First class
B.Sc.	University of Mysore	Phy, Chem, Maths	1986	First class with Distinction

Professional Career:

Period	Position	Institution(Location)
Jul 2018 to present	Professor	Department of Chemistry,{UG & PG} Yuvaraja's College, University of Mysore, Mysore
Nov 2008 to Jul 2018	Associate professor	Department of Chemistry,{UG & PG} Yuvaraja's College, University of Mysore, Mysore
July2016 to Dec2017	Associate Professor & Controller of Examination	Yuvaraja's College(Autonomous) University of Mysore, Mysore
Sept 2015to Jul 2016	Associate professor &P G Coordinator	P.G.Dept of Chemistry Yuvaraja's College, University of Mysore,Mysore
Nov 2008 to Nov 2010	Associate Professor & Head	Department of Chemistry,{UG & PG} Yuvaraja's College, University of Mysore, Mysore
Nov 2005 to Nov 2008	Reader	Department of Chemistry,{UG & PG} Yuvaraja's College, University of Mysore, Mysore
Nov-1996 to Nov 2005	Lecturer	Department of Chemistry,{UG & PG} Yuvaraja's College, University of Mysore, Mysore
July 1993 to Nov 1996	Lecturer	Govt.P.U.College,Harave, Chamarajanagara
Sept 1992 to May 1993	Lecturer (Teaching & Research)	Department of studies in Chemistry, University of Mysore,Manasagangotri, Mysore
Feb 1990 to Sept 1992	Research Fellow	Department of studies in Chemistry, University of Mysore, Manasagangotri, Mysore
Nov 1988 to Feb 1990	Lecturer	Department of Chemistry, Yuvaraja's college, University of Mysore, Mysore

Administration Career:

Head of the Department: Department of Chemistry, Yuvaraja's College, University of Mysore.
[Sept 2008- Sept 2010]

Controller of Examination : Form July 2016 to Dec 2017 , Yuvaraja's College (Autonomous)
University of Mysore , Mysuru

Honors and Awards:

- 1) National merit scholarship (government of India) during post graduate studies.
- 2) CSIR senior research Fellowship.
- 3) Best paper presentation award- "6th international Conference and exhibition on Materials Science and Engineering" held on 12-14 sept 2016 at ATLANTA , USA.

Abroad Visit

- 1) Institute of Process Engineering, Chaineese academy of sciences, Beijing, CHAINA.
- 2) Dept. of Chemistry Sanghui University , Beijing, CHAINA.
- 3) Hong kong Polytechnique university, HONG KONG.
- 4) 6th International Conference on Materials Science and Engineering ATLANTA, USA.
- 5) Tufts University , Boston , USA.

Thrust Area of Research:

Reaction Kinetics, Physical organic chemistry, Production and characterization of Biodiesel.
Pharmaceutical analysis.

Research Guidance: PhD – 03, M Phil - 04

Supervision for Ph.D Degree

Sl. No.	Name of the Research Scholar	Title	Status
1	Chandrashekar	Kinetic and Mechanistic Studies of Oxidation of some biologically active compounds with Haloamines as oxidants	Awarded 2013
2	Veeranna R.Kattimani	Trans esterification of non-edible oil extract and a comparative study of properties with biodiesel	Awarded 2015
3	A.K.Amruthraj	To Develop new methods involving chemical and chromatographic techniques for the Determination of pharmaceutical drugs containing hetrocyclic moieties	Awarded 2015
4	K.N.Krishnakumar	Kinetics and Mechanistic studies of oxidation of some Hetero cycles by n-metallo-N-aryl-Halo-sulphonamides	Working
5	H.S.Sindhushree	Synthesis of nanomaterials, Modification of electrodes and their Applications for the degradation of some organic compounds.	working
6	K.M.Chaithra		working
7	Basheer M H Almaswari		working

Supervision for M.Phil Degree

Sl. No.	Name of the Candidate	Title	Status
1	K.C.Prakasha	An efficient transfer hydrogenation system for the reduction of azides to amines polymer supported fomate and magnesium	Awarded 2008
2	K.S.Shruthi	Chemoselective synthesis of anilines from nitrocompound using diammonium hydrogen phosphate and magnesium	Awarded 2008
3	N.Mallesha	Synthesis and Structure – Activity studies of bactenecins analogous	Awarded 2008
4	K.H.Hemakumar	Novel tetralone intermediates for the synthesis of podophyllotoxin analogues	Awarded 2008

Supervision for M.Sc., Dissertation

Sl. No.	Name of the Candidate	Title	Status
1	Manjula. M.	Spectrophotometric kinetic study of vanadium (V) catalysed oxidation of indigocarmine dye by chloramine-T in acidic buffer medium	2013
2	Bhanupriya. B. M.	Oxidation of indigocarmine dye by chloramine-T catalysed by manganese (II) ion in acidic buffer medium a	2013

		spectrophotometric kinetic study	
3	Rohith. A. R.	Quantitative estimation of cyanocobalamine using some analytical techniques	2013
4	Mahesh. M.	Stress degradation behaviour of paliperidone and antipsychotic drug by suitable stability indicating RP-LC method	2014
5	Kumara. C. N.	Method development for the enantiomeric separation of 3-BOC amino piperiline using normal phase chromatography	2014
6	Aswini. B.N.	Stress degradation behavior of desvenlafaxine an antidepressant drug by suitable stability-indicating RP-LC method.	2015
7	Dinesha. H.S.	Extraction of hydroxyl citric acid from garcinia cambogia and its quantification by using HPLC.	2015
8	Geetha. G.N.	Method development of trimipramine by HPLC.	2015
9	Poornima. A. L.	Extraction of curcuminoids from turmeric and its quantification by using HPLC.	2015
10	Suma. S.	Method development of cholecalciferol and its impurities by HPLC	2016
11	Keerthiraja. S	Enantiomeric separation of 2-methyl morpholine using normal phase HPLC	2016
12	Mahadev. B.	Analysis of heavy metals in a given vitamin sample	2016
13	Siddaraju.M.	Method for the separation of four active pharmaceutical ingredients using different stationary phases and different mobile phase by HPLC	2016
14	Abhishek M.	Method development for forced degradation study of valartan by using HPLC	2016
15	Guruprasad. S.S.	Study on the importance of pH effect by acidic, basic and neutral in reverse phase HPLC	2017
16	Asha. V	Characterization of active pharmaceutical drug Esomerprazole sodium by GC and HPLC	2017
17	Amritha	Characterization of active pharmaceutical drug-ticagrelor by HPLC and Gas phase chromatography.	2018
18	Mahesh kumar. M	Synthesis of phenyl azophenol and isonicotinic acid.	2018
19	Manoj. A. V.	Synthesis of Methylene dioxybenzene & Methyl nicotinate	2018
20	Shivanandha R karikal	Synthesis of 4-nitrobenzyl cyanide,4-nitrophenylacetic acid and thiazolidinecarboxylic acid methyl ester hydrochloride.	2019
21	D. L. Muralidhara	Synthesis of drug intermediates	2019
22	Harshitha S.K.	Analysis of Physical and Chemical parameters of Effluent water.	2020
23	Dharshan. N.	Qualitative Analysis of Milk and milk products by conventional Method.	2020
24	Pramod Kumar.K	Characterization of Active pharmaceutical drug Valsartan-USP Analysis by HPLC and GC.	2020
25	Achyutha. H.S.	Manufacturing and Qualitative testing of PET (Polyethylene Terephthalate) Bottle.	2020

Membership/positions held in academic journals/societies:

Member : Life Member of Indian Science Congress

Member : Indian council of Chemistry

Member: Life member Karnataka Rajya Vijnana Parishath

President: Mysore district Karnataka Rajya Vijnana Parishath

Editorial Board Member: Pharmaceutical and Biomedical Sciences: An International Journal

Reviewer:

- 1) Journal of Basic and applied research international
- 2) American Chemical Science Journal
- 3) British Journal of Applied Sciences and Technology
- 4) International Research journal of Pure and Applied Chemistry
- 5) African Journal of environmental Science and Technology

Membership in Academic Bodies:

Academic Council Member

Yuvaraja's College(Auton), University of Mysore, -2008-2010, 2012-2014, 2016-2018.

Member in Board of Studies

- 1) Board of studies in Environmental Science {PG}, Tumkur University, 2009-2012
- 2) Board of studies in Chemistry, Bangalore University, 2014- 2017
- 3) Board of Studies in chemistry (PG) Yuvaraja's College (Autonomous), University of Mysore.
- 4) Board of Studies in chemistry {UG} Yuvaraja's college (Autonomous), University of Mysore.
- 5) Board of studies in Molecular Biology, Yuvaraja's college (Autonomous), University of Mysore.
- 6) Board of Studies in chemistry {UG} Mandya University Mandya, 2019-2022

Chairman in Board of Studies

- 1) Board of Studies in chemistry (PG) Yuvaraja's College (Autonomous), University of Mysore.
- 2) Board of Studies in chemistry {UG} Yuvaraja's college (Autonomous), University of Mysore.

Member in Board of Examination (BOE)

- 1) BOE in Environmental Science, University of Mysore, (2005-06)
- 2) BOE in chemistry (UG), Yuvaraja's college, Mysore,(2006-07 and 2009-10)
- 3) BOE in chemistry (PG) , Yuvaraja's college, Mysore, (2007-08, 2009-10)
- 4) BOE in Chemistry, St. Phelomina's College (autonomous), Mysore,(2013-2016)
- 5) BOE in Molecular biology ,Yuvaraja's college, Mysore, (2015-16)

Chairman in Board of Examination (BOE)

- 1) BOE in Environmental Science, University of Mysore, Mysore ,(2006-07)
- 2) BOE in chemistry (UG) , Yuvaraja's college, University of Mysore, (2010-11)
- 3) BOE in chemistry (PG), Yuvaraja's college, University of Mysore, (2013-14)
- 4) BOE in Molecular biology ,Yuvaraja's college, Mysore, (2014-15)

Extension Activities/Resource Person:

- 1) Organizing committee member of two day regional level UGC sponsored seminar on "Biodiversity for Food security" which was organized in Yuvaraja's college.
- 2) Resource person for University of Mysore constituted committee for development of Science in Schools.
- 3) Resource person for several Refresher course, workshops for high school Chemistry teachers organized by Dept of Primary Education Govt. of Karnataka.
- 4) Member of Evaluation committee for District level Science Exhibition for high school students organized by Govt. of Karnataka in Mandya District.
- 5) Resource Person and Evaluator 21st All Karnataka Children Science congress-2013, held from 30 Nov 2013 to 2 Dec 2013, at Koodala sangama.
- 6) Resource Person and Evaluator "22nd National Children Science Congress -2014" held at Bengaluru during 27-31 Dec 2014.
- 7) Resource Person and Evaluator "Regional level Science exhibition science graduation students" held at mandavya college Mandya, sposeder by Dept of Science and technology on 10th Feb 2015.
- 8) Resource Person and Evaluator "State level Science lecture compitation for science graduation students 2016" Karnataka Rajya Vijnhacompetition forna Parishath Bengaluru held on 3-4 March 2016.
- 9) Resource person "Workshop on Scientific Instrumentation and Analytical Techniques" held from 8-9 Nov 2019 , Saradavilas advanced Research centre mysore.
- 10) Resource Person and Evaluator "State level 27th National children Science congress 2019" held from 16 – 18 Dec 2019, at Adhichunchanagiri, Mandya.

Faculty Development Programmes:

- 1) Orientation programme organized by Academic staff college, University of Mysore, from 02 -03-1998 to 28-03-1998,
- 2) UGC sponsored Refresher course in Chemistry Academic staff college, University of Mysore, from 09-11-2000 to 29-11-2000.
- 3) UGC sponsored Refresher course in Chemistry Academic staff college, University of Mysore, from 06-02-2003 to 26-02 2003.
- 4) Capacity building programme on multimedia and e-content development, Consortium for educational communications New Delhi in collaboration with EMMRC, 27-11-2006 to 16-12- 2006.
- 5) Seven day workshop on CBCS syllabus framing for B.Sc. and M.Sc. courses organized by Dept. of Chemistry, Yuvatraja's College' UOM, Mysore.
- 6) Seven day workshop on "NMR/MRI from Molecules to Human behavior" Sponsored by held at IOE, University of Mysore, Mysore from 15-11-2015 to 21-11-2015.
- 7) Faculty development programme on "Out come based education" organized by InPods Ed-tech on 05-05-2020.
- 8) Faculty development programme "Innovations in Digital Education with Technology" organized by Govt. First Grade college, Vijayanagara , Bengaluru. On 29-05-2020.
- 9) Three day faculty development programme on "Good Governance" organized by Administrative training institute Mysuru. From 03-06-2020 to 05-06-2020.

Research publications of Dr. B.M.Venkatesha

- 1) **B.M. Venkatesha**, S. Ananda and D.S. Mahadevappa
Oxidation of aliphatic esters by sodium N-bromobenzenesulphonamide: A kinetic study.
Indian Journal of Chemistry, 30A, 789-792, 1991 (India).
- 2) **B.M. Venkatesha**, S. Ananda and D.S. Mahadevappa
Oxidation of Indole by N-sodio-N-chlorobenzenesulphonamide (Chloramine-T) in alkaline medium catalysed by Os(VIII): A kinetic and mechanistic study.
Journal of Physical Organic Chemistry, 5, 373-383, 1992 (UK).
- 3) **B.M. Venkatesha**, S. Ananda and D.S. Mahadevappa
Oxidation of ethylenediamine tetraacetic acid by aromatic N-bromamines in alkaline medium with OsO₄ as catalyst: A kinetic and mechanistic study.
Indian Journal of Chemistry, 32A, 814-818, 1993 (India).
- 4) S. Ananda, **B. M. Venkatesha**, D.S. Mahadevappa and N.M.M Gowda
Ruthenium (III) catalysed kinetics of chloroacetic acids oxidation by sodium N-bromobenzene sulfonamide in Hydrochloric acid medium.
International Journal of Chemical Kinetics, 25, 755-770, 1993 (USA).
- 5) **B.M.Venkatesha**, S.Ananda and D.S.Mahadevappa
Kinetics of Oxidation of Chloroacetic acids by sodium N- bromo p-toulenesulponamide (Bromamine –T) HCl medium and catalysed by Ru(III) ion. **Indian Journal of Chemistry , 33A, 128-135, 1994 (India).**
- 6) **B. M. Venkatesha**, S. Ananda, D.S. Mahadevappa and N.M.M Gowda
Kinetics and mechanistic studies of Indigocaramine oxidation by Chloramine-T and Chlorine in acetic buffer medium.
International Journal of Chemical Kinetics, 27-7, 663-676, 1995 (USA).
- 7) **B. M. Venkatesha**, S. Ananda, and D.S. Mahadevappa
Oxidation of Indigocaramine by N-sodio-N- chlorobenzene sulphonamide (chloramines-B) and hypochlorous acid (HOCl) in acetic buffer medium; A kinetic and mechanistic study.
Indian Journal of Chemistry, 34B, 508-513, 1995 (India).
- 8) S. Ananda, M.B. Jagadeesha, **B.M. Venkatesha** and N.M. Madegowda
Kinetics of oxidation of Indigocaramine by N-sodio-N-bromotoulene sulphonamide in acidic buffer medium.
International Journal of Chemical Kinetics, 29, 453-459, 1997 (USA).
- 9) S.Ananda, Ravi J.D. Saldanha and **B.M. Venkatesha**
Kinetics and Mechanism of oxidation of Indigocaramine by N-sodio-N-bromobenzenesulphonamide (BAB) in acidic buffer medium.
Asian Journal of Chemistry, 10, 484-492 (1998) India.
- 10) S. Anada, Ravi J.D. Saldanha, **B.M. Venkatesha** and M.B. Jagadeesha
Oxidation of cysteine by Chloramine – T in HClO₄ and H₂SO₄ media: A kinetic and mechanistic study.
Oxidation Communication. 22-3 494-472 (1999) Bulgaria.
- 11) S. Ananda, Ravi J.D. Saldanha and **B.M. Venkatesha**
Kinetic and Mechanistic study of oxidation of Diethylamine by N-sodio-N-bromobenzene sulphonamide (BAB) in acid solution catalyzed by Ru(III) ion.
International Journal of Chemical Kinetics, 31, 744-752, 2000(USA).

- 12) S. Ananda, Ravi J.D. Saldanha and **B.M. Venkatesha**
Oxidation of aliphatic primary amines by Broamine-B in HCl medium in presence of Ru(III) catalyst: A kinetic and mechanistic study.
Oxidation Communication. 23, 576-589 (2000) Bulgaria.
- 13).S. Ananda, M.B, Jagadeesha, Puttaswamy, **B.M. Venkatesha**, T.K. Vinod and N.M.N. Gowda
Kinetic and mechanistic study of some aliphatic amines oxidation by Sodium-N-bromo-p-toluene sulphonamide in HCl medium.
International Journal of Chemical Kinetics, 32, (12). 776-783, 2000(USA).
- 14) S. Ananda, Ravi J.D. Saldanha, **B.M. Venkatesha** and N.M. Madegowda
Oxidation of Psychotropic drugs by Chloramine-T in acid medium: A kinetic study using spectrophotometer.
Journal of Molecular Structure, 606, 147-154 (2002) USA.
- 15) S. Ananda, Ravi J.D. Saldanha, **B.M. Venkatesha** and N.M. Madegowda
Oxidation of Psychotropic drugs by Bromamine- T: A kinetic study using spectrophotometer.
Oxidation Communication 25, 461-68, 2002 Bulgaria.
- 16) M.H. Kondarasaiah, S. Ananda and **B.M. Venkatesha.**
Ruthenium (III) Catalyzed Oxidation of dimethyl sulphoxide by Chloramine-B in HCl medium: A kinetic study.
Oriental Journal of Chemistry, 18(2), 271-75 (2002).
- 17) **B. M. Venkatesha**, R. T. Radhika, S. Ananda and K. Byrappa
Oxidative decolorization of indigo carmine dye with chloramine-T catalysed by cobalt(II).
Research on chemical intermediates, 37, 195-199 (2011) USA.
- 18) Chandrashekar., **Venkatesha B.M.**, and Ananda S.
Kinetics of oxidation of Vitamin-B3(Niacin) by Sodium- N-bromobenzene sulphonamide (Bromamine-B) in HCl medium and Catalysis by Ru(III) ion. **Research Journal of Chemical Sciences 2(8), 26-30, (2012)**
- 19)Chandrashekar., **Venkatesha.B.M.** and Ananda S
Kinetics and mechanistic study of oxidation of Cholesterol by Chloramine-T in alcohol medium.
Int. Journal of Anal, Pharmaceutical and Biomedical Sciences 1(3),59-63 (2012)
- 20) Amruthraj A.K. **Venkatesha B.M.** and Ananda S.
Stability indicating ultra- high performance liquid chromatographic assay of midazolam in bulk and dosage form.
Int J Pharm Biomed Sci 4(2), 83-87 (2013)
- 21) Chandrashekar., **Venkatesha B.M.**, Ananda S. and N.M.Madegowda
Kinetic and Mechanistic study of Oxidation of piperazines by Bromamine-T in acidic medium.
Modern Research in Catalysis 2 ,157-163 (2013) USA
- 22) V.R.Kattimani and **B.M.Venkatesha**
Technologies for Biodiesel Production from Non-edible oils: A Review.
Indian Journal of Energy 2(6),129-133 (2013)
- 23) Amruthraj A.K. **Venkatesha B.M.** and Ananda S.
Two Phase Titration and Bromatometric assay of Penavarium *bromide*.
Int. Journ. of Basic and Appl. Chem. Sciences 3(3),44-48 (2013)

- 24) Kattimani V.R., **Venkatesha B.M.** and Ananda S.
Optimisation of Methyl Ester of Neem oil.
Int. Journ. of Current Research. 5(12), 3937-3940 (2013)
- 25) Chandrashekar, Radhika R.T., **Venkatesha, B.M.**, and Ananda, S.
Kinetics and mechanistic study of oxidation of nicotinamide by bromamine-T in hydrochloric acid medium catalysed by Ru(III) ion.
International journal of Current research, 06(1), 4567- 4571 (2014)
- 26) Chandrashekar, Radhika R.T., **Venkatesha, B.M.**, and Ananda, S.
Oxidative decolorisation of indigocarmine dye by chloramines-T in acidic buffer(pH=5.8) medium catalysed by nitrite ion: A kinetic mechanistic study. **International journal of Current research, 06 (5), 6781- 6786 (2014)**
- 27) A.K.Amruthraj, R.T.Radhika, S.Ananda, T.J.Ahmad, N.M.Madegowda and **B.M.Venkatesha**
Rapid ultra performance liquid chromatography assay of Losartan potassium in bulk and formulation.
Journal of Analytical Science and Technology. 5 (33) 1-6 (2014) USA
- 28) Amruthraj A.K. **Venkatesha B.M.** and Ananda S.
Rapid ultra high performance liquid chromatographic assay of pinaverium bromide and stability studies.
International Journal of Pharm. Sci. Rev. Res., 25(2) 62-66 (2014) USA
- 29) V.R.Kattimani, **B.M.Venkatesha** and S. Ananda
Biodiesel production from unrefined rice bran oil through three-stage transesterification
Advances in Chemical Engineering and Science, 4, 361-366,(2014)
- 30) Chandrashekar., **Venkatesha B.M.**, Ananda S. and N.M.Madegowda
Oxidation of piperazines by Bromamine-B in Acidic buffer medium: A kinetic and mechanistic study.
Research and Reviews: Journal of Chemistry, 3,(4), 1-8, 2014
- 31) R.T.Radhika, **B.M.Venkatesha** And S.Ananda
Kinetic and mechanistic investigations of oxidative decolourisation of indigocarmine dye by chloramines-T in acidic buffer medium catalysed by Mn(II) ion.
Proceedings of RTBAS-2014, Sarada vilas college, Mysore, page-91,ISBN: 978-81-930115-0-8
- 32) V.R. Kattimani, R.T.Radhika, **B.M.Venkatesha** and S.Ananda
Studies on fuel properties of neem oil methyl ester and its conventional diesel and kerosene blends.
International Journal of Engineering Research and General science. 3(1), 291-296, (2015)
- 33) A.K.Amruthraj, R.T.Radhika and **B.M.Venkatesha**. Stability indicating high performance liquid chromatographic assay of valacyclovir
European Journal of Biomedical and Pharmaceutical sciences. 2 (6), 266-271, (2015)
- 34) V.R.Kattimani, R.T.Radhika and **B.M.Venkatesha**.
Economic Analysis of Biodiesel Production from non traditional Oil seeds.
Proceedings of national conference on trends and innovations in automation, Materials and thermal engineering
(TIAME-2015) page: TP139-TP142.

- 35) Chandhrashekar, R.T.Radhika, **B.M.Venkatesha**, S. Ananda and V.R.Kattimani.
Spectrophotometric kinetic investigation of oxidation of amitriptyline by N-bromo-p-benzenesulphonamide in acidic buffer (pH=1.2) medium.
World Journal of Pharmaceutical Research. 5(2) , 1411-1422, (2016)
- 36) Chandhrashekar, R.T.Radhika, **B.M.Venkatesha**, S. Ananda ,Shivalingegowda ,
T.S.Shashikumar , H. Ramachandra
Oxidation of Amitriptyline by Bromamine-T in Acidic Buffer Medium: A Kinetic and
Mechanistic Approach.
**International Journal of Chemical ,Molecular, Nuclear, Materials and Metallurgical
Engineering 10 (8) 1049-1054,(2016)**
- 37) A.K.Amruthraj, R.T.Radhika and **B.M.Venkatesha**.
Titrimetry and Spectrophotometric Quantation of valacyclovir in bulk and formulations.
European Journal of Biomedical and Pharmaceutical sciences. 4 (6), 368-376, (2017)
- 38) V.R.Kattimani, R.T.Radhika and **B.M.Venkatesha**.
Studies on fuel properties of Pongamiapinnatta oil methyl ester and its conventional diesel
and kerosene blends.
**Proceedings :National conference on “Renewable energy technology : Future,Opportunity
and Challenges for India(RET : FOAC-2017)” Center for PG Studies, VTU, Mysuru, 2017**
Art. 14 Page: 107-
- 39) V.R.Kattimani, R.T.Radhika and **B.M.Venkatesha**.
Production, characterization & optimization of Biodiesel from unrefined Pongamiapinnatta oil.
**Proceedings :National conference on “Renewable energy technology : Future,Opportunity
and Challenges for India(RET : FOAC-2017)” Center for PG Studies, VTU, Mysuru, 2017.**
Art. 14 Page: 94-
- 40) V.R. Kattimani, Radhika R.T. and Venkatesha. B.M.
Production and optimization of biodiesel from (Gossypium) cotton seed oil by two stage
Transesterification process.
International Journal of Engineering Innovation &Research 8(1), 52 -58 (2019)

- 41) R.T.Radhika, Ravi J. D. Saldanha, V.R.Kattimani and **B.M.Venkatesha**.
Kinetic study of Nicotinic acid(Vitamine-B₃) by sodium N-chloro benzene sulphonamide
(Chloramine-B) in hydrochloric acid medium.
European Journal of Biomedical and Pharmaceutical Sciences 7 (9), 363-367 (2020)
- 42) Kattimani. V.R., Radhika. R.T. and **Venkatesha. B.M.**
Physico chemical properties of cotton seed oil methyl ester and its blends with
Conventional diesel and kerosene
**International Journal of Advances in Engineering and Management
2(5), 647-653, (2020)**
- 43) Sindhushree H.S, Charan Kumar H.C, Chaithra K.M, Sannaiah Ananda., **Venkatesha B.M**
AKinetic Investigation of Electrochemical Degradation of 2-*N*, *N*-dimethyl-4-aminophenyl
azo benzene carboxylic acid dye at Zr/graphite Modified Electrode in Aqueous Solution
Journal of Applicable Chemistry 9(6) 920-933 (2020)
- 44) Sindhushree H.S, Charan Kumar H.C, Chaithra K.M, Sannaiah Ananda., and **Venkatesha B.M**
Electrochemical Degradation of 2-(2, 4, 5, 7-tetrabromo-6-oxido-3-oxo-3H-xanthen-9-yl)
benzoate Dye at Ru/graphite Modified Electrode in Aqueous Solution.
International Journal of Applied Chemistry 16(2) 113-129 (2021)
- 45) R. T. Radhika¹, Ravi J.D.Saldanha, V.R. Kattimani, M .N. Kumar **B. M. Venkatesha**.
Degradation of indigocarmine dye by oxidation using chloramines-T in acidic medium catalysed by
vanadium(V) ion : A kinetic and mechanistic study
Journal of Applicable Chemistry 10(1)000-000 (2021)

Papers Presented in Symposiums and Conferences

- 1) Kinetics and mechanism of oxidation of Cysteine by Sodium-N-chlorobenzene sulphonamide in sulfuric acid medium. **Indian Council of Chemist 16th Conference, 1997 (Mangalore University)**
- 2) Ruthenium (III) Catalyzed oxidation of amides by sodium-N-bromotoluene sulphonamide in HCl solution: A correlation study. **3rd national symposium on correlation analysis in Chemistry, 1998 (University of Mysore)**
- 3) Correlation analysis of the Ru(III) catalyzed oxidation of aliphatic primary amines Bromamine- B in HCl medium. **3rd national symposium on correlation analysis in Chemistry, 1998 (University of Mysore)**
- 4) Ru(III) catalyzed oxidation of diethylamine by N-sodio-N-bromobenzene sulphonamide in acid medium: A kinetic and mechanistic study. **National Conference on "Recent trends in structure, functions, analysis of molecules and applications "1999, (university of Mysore)**
- 5) Kinetics and Mechanism of oxidation of Psychotropic drugs by N-sodium-N-bromo toluene sulphonamide (Bromamine-T) using spectrophotometer. **Indian Council of Chemists 20th conference, 2001 (University of Mysore).**
- 6) Kinetic study of oxidation of Vitamin D3 using N-chloro para benzene sulphanamide in acidic medium flurometrically. **National Conference on The Emerging areas in Chemistry NACEAC 2009, (DOS in Chemistry, University of Mysore).**
- 7) Flurometric kinetic study of oxidation of Vitamin D3 by Chloramine-T in acid medium. **UGC sponsored State level seminar on Recent developments in Nano chemistry an overview, October 2009 (PG Department, Government Science College, Hassan).**
- 8) Synthesis and structural studies on complexes of lanthanide(III)nitrates with fluphenazinedihydrochloride. **International conference on "current trends in chemistry and biochemistry", 18th & 19thDec 2009. (DOS in chemistry,Bangalore University).**
- 9) Decolouration of indigocaramine dye by oxidation process using cobalt(II) and chloramines-T . **2nd International Solvothermal and Hydrothermal Association conference(ISHA2010), July26–29,2010.(Chaines academyof sciences, Beijing CHAINA)**
- 10) Oxidation of Vitamine-B3 (Naicine) by Bromamine-B in Acid medium:a kinetic and mechanistic study. **UGC Sponcered National confarence on Recent Trends in Chemistry-2011. 16th &17th sept.2011. (P.E.S.College of Science Mandya)**
- 11) Reaction of oxidation of Nicotinc acid Using N-chloro-p-toluene sulphonamide in Hydrochloric acid medium. **UGC Sponcered National confarence on Recent Trends in Chemistry-2011. 16th &17th sept.2011. (P.E.S.College of Science Mandya)**
- 12) Reaction of vitamine-B3 with Bromamine-T in acid medium:A kinetic and mechanistic study. **International conference on Synthetic and structural chemistry-2011. 8th -10th Dec.2011.(Dept. of Studies in Chemistry, Mangalore University Mangalore).**
- 13) Presented: Reaction of Vitamin-B₃ (Naicin) with Bromamine-T in acid medium : A kinetic and mechanistic study. **International Conference on Synthetic and Structural Chemistry ICSSC-2011.Dec. 8th -10th 2011(Dept. of Studies in Chemistry Mangalagangothri Mangalore).**
- 14) **First Indo- Canadian Symposium on Nano- Science and Technology ICSNST'13 Feb. 20-21, 2013(National Institute of engineering, Mysore)**

- 15) **Presented:** Kinetics and mechanistic studies of vanadium(V) catalysed oxidative decolorisation of indigocarmine dye by chloramines-T in acidic buffer (pH=4) medium
UGC Sponsored two day National Conference on Recent Trends in Chemical Biology: An overview (RTCB-2013)
Dept. of Chemistry, Teresian college Mysore, 25th and 26th October 2013.
- 16) **Presented:** Kinetic and mechanistic investigation of oxidative decolorisation of indigocarmine dye by chloramines-T in acidic buffer medium catalysed by Mn(II)
UGC Sponsored two day National conference on Recent Trends in Bioorganic Chemistry and its Application to Society(RTBAS-2014)
Dept. of Chemistry Saradavilas college Mysuru 26th & 27th September 2014.
- 17) **Presented:** Studies on fuel properties of neem oil methyl ester and its Conventional diesel and kerosene blends.
University Sponsored National conference on pure and applied chemistry (NACOPAC-2014)
Dept. of studies in Chemistry University of Mysore, Mysuru 29th -30th Dec 2014.
- 18) Economic Analysis of Biodiesel Production from nontraditional Oil seeds.
National Conference on Trends and Innovations in Automation, Materials and Thermal Engineering **TIAME-2015 Vishwesaraia Technical University , Mysore regional center, Mysuru.**
- 19) **Presented:** Production characterization and optimization of biodiesel from Unrefined rubber seed oil.
103rd Indian Science Congress-2016, University of Mysore, Mysuru From Jan 3rd – 7th 2016.
- 20) **Presented:** Stability indicating high performance liquid chromatographic assay of valacyclovir
103rd Indian Science Congress-2016, University of Mysore, Mysuru From Jan 3rd – 7th 2016.
- 21) **Presented:** Spectro photo metric investigation of oxidation of amitriptyline by N-bromo-p- benzenesulphonamide in acidic buffer medium.
103rd Indian Science Congress-2016, University of Mysore, Mysuru From Jan 3rd – 7th 2016
- 22). **Presented : Two day national conference on “Renewable energy technology : Future, Opportunity and Challenges for India(RET : FOAC-2017)”**
Studies on fuel properties of Pongamiapinnatta oil methyl ester and its conventional diesel and kerosene blends.
Center for PG Studies, VTU, Mysuru, 09-03-2017 & 10-03-2017.

- 23). **Presented : Two day national conference on “Renewable energy technology : Future, Opportunity and Challenges for India(RET : FOAC-2017)”**
 Production, characterization & optimization of Biodiesel from unrefined Pongamiapinnatta Oil. **Center for PG Studies, VTU, Mysuru, 09-03-2017 & 10-03-2017.**
- 24). **Presented : One day national level conference on “Emerging trends in Nano-chemistry (NCETNC-2017)**
 Rapid HPLC method development for the determination of Cholecalciferol and its impurities **MMK & SDM Mahila Maha Vidyalaya, Mysuru, 02-02-2017**
- 25). **Presented: 6th International conference and Exhibition on Materials Science and gineering**
 Synthesis of polymer composits thin films of CR₂O₃ nanoparticles and study of its optical and electrical properties
Conferenceseries.com ATLANTA Sept.12-14 , 2016 , USA
- 26). **Presented : One day international symposium on advanced materials**
 High performance liquid chromatographic assay : trimipramine maleate.
JSS Science and technology University , Dept. of Chemistry SJCE 27th Dec 2017.
- 27). **Presented : One day national conference on “ current trends in materials Science-2018**
 Kinetics of oxidation of Vitemin D₃ using chloramine-B in acidic buffer pH 5.0 medium by Fluorometric method.
Bharathi College, bharathinagar, Mandya district 10th Mar 2018.
- 28). **Presented: International conference on”Advanced materials for energy, environment and health care (AFMEEHC)**
 Biological synthesis of chromium oxide nanoparticales using tinospora cardifalio and its applications in photodegradation of indigocarmine dye.
Centre of materials science and Technology, IOE, University of Mysore Mysuru.
18th Mar 2019 to 20th mar 2019

29). Presented: National conference and faculty development programme in Science and Technology-2019.

Kinetic and mechanistic investigations of oxidative decolorization of indigocarmine dye by Sodium-N-chlorotoluene sulphonamide in acidic buffer medium catalysed by vanadium (V)

ATME College of engineering Mysuru, 26th Mar 2019 to 28th mar 2019.

Workshops and Seminars Attended:

- 1) UGC sponsored seminar on Biotechnology and human welfare 1999, at St. Philomina's College, Mysore
- 2) UGC sponsored workshop on Use of digital electronic devices in Chemistry experiments-2000. Govt. Science College, Bangalore.
- 3) Worked as Organising Committee member of State level seminar on "Frontiers of Science and Technology" held at Yuvaraja's College, Mysore on 5th Jan 2004.
- 4) UGC sponsored work shop on Blowup of Chemistry Syllabus for B.Sc semester scheme, Maharani's College, Mysore July 15th – 17th 2004.
- 5) UGC sponsored Regional level seminar on Biodiversity for food Security, Yuvaraja's College, Mysore, 24-25 Jan 2005.
- 6) 38th National Seminar on Crystallography, Department of Studies in Geology, University of Mysore, Mysore, 11th -13th February, 2009
- 7) State Level Seminar on Relevance of Chemistry in Contemporary Society, PES Science College, Mandya, 20th March 2009.
- 8) UGC sponsored two day State level seminar on Emerging trends in liquid crystals and coordination compounds, St. Philomena's college, Mysore, 21st – 22nd August 2009.
- 9) One day workshop on " Choice Based Credit System Syllabus in Chemistry" held at St. Philomena's College, Mysore, 23rd March 2011.
- 10) One day Seminar on "Chemistry of Materials on the occasion of International year of Chemistry-2011" held at Sri Jayachamarajendra College of Engineering, Mysore. 25th Nov 2011.
- 11) Two day international lecture series on "Bio-Prospecting for sustainableDevelopment" Held at IOE, University of Mysore , Mysore, on 29th & 30th Nov 2012.
- 12) First Indo-canadian Symposium on Nano-Science and Technology ICSNST'13 held on 20-21 , Feb 2013, at National institute of engineering Mysore,
- 13) One day state level Seminar on Examination Reforms sponsored by UGC, held on 22nd March 2014, at JSS College for women, Mysore.
- 14) Two day UGC sponsored national seminar on "Educational Vision and Mission of Swamivivekananda" held on 18-19 Aug 2014 at yuvaraja's College, Mysore.
- 15) Two day workshop on " Overview and applications of scientific Equipment-IOE" held from 13-14 Oct 2014, at IOE, Vijnana Bhavan , Mysore,

- 16) Two day extension lecture programme in Chemical Biology, organized by Center for continuing education IISC Bengaluru, at JSS Technology University , Mysore, From 27-28 Dec 2018.
- 17) One day workshop for Principals and IQAC/NAAC coordinators, held on 23th April 2019, at maharani's Science College for women Mysore.
- 18) National level online workshop on Smart Research 2020, organized by IQAC Govt. first grade college Kanakapura from 7- 9 May 2020.

Dr.B.M.Venkatesha