

# **CURRICULUM-VITAE**



**Name** **PROF. S. SRIKANTASWAMY**

**Profession** **Department of studies in Environmental Science, University of Mysore**

**Coordinator, M. Tech in Materials Science  
Vijnana Bhavana  
University of Mysore**

**Former Director  
College Development Council,  
University of Mysore, Mysuru**

**Professor and Chairman, Board of Studies  
in Environmental Science, University of Mysore**

**Professor and Chairman, Board of Studies  
in Materials Science, University of Mysore**

**Sectional President, Materials Science Section  
107<sup>th</sup> Indian Science Congress**

**Council Member, Indian Science Congress,  
Kolkata – 700 017, India**

**Editorial Member, Everyman Science, Indian  
Science Congress, Kolkata – 700 017, India**

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**E-mail** [srikantas@hotmail.com](mailto:srikantas@hotmail.com)

**Education** **Bachelor of Science (B.Sc.) University of Mysore  
1979 to 1982**  
**Master of Science (M.Sc.) University of Mysore  
1982 to 1984**  
**Doctor of Philosophy (Ph.D)  
University of Mysore 1989**

**Field of Specialization** **Environmental Earth Science,  
Hydrothermal Technique of Crystal Growth.  
Materials Science – Carbon nanotube, Micro  
porous, Photocatalytic and Photochemical**

**materials for water purification, Effluent treatment.**

**Publication**

**Over 150+ Research papers including one major Review in International Journals. Over 110 papers presented in Conferences/Seminars held in India and abroad.**

**Administrative experience**

**Director College Development Council, July 2016, to October, 2020.**

**Since June 2002 to July 2016, working as Faculty advisor for Men's Hostel, University of Mysore.**

**Worked as admission committee member for M.Sc., Students.**

**Chairman BOS in Environmental Science December 2015 to 2018 and 2020 to till.**

**Working as Board of Examiners Member and Chairman for University of Mysore and Tumkur University.**

**BOS and BOE Chairman for University of Mysore, and BOS member for Tumkur University and Karnataka State Open University**

**Professional Experience**

**36 Years of Research Experience in the field of Environmental Earth Science, Crystal Chemistry, Materials Science and Solid state Science.**

**31 Years of teaching Experience – Teaching graduate and Post- Graduate Courses.**

**Research experience:**

<b>1985 - 1989</b>	<b>Research scholarship awarded by CSIR, New Delhi</b>	Department of Geology Manasagangotri, University of Mysore, Mysore	During this tenure Ph.D., Degree obtained
<b>1990 - 1994</b>	<b>Research Associateship awarded by UGC New Delhi</b>	Department of Geology Manasagangotri, University of Mysore, Mysore	Post-Doctoral research &also PG teaching was Assigned

<b>1994- till Date</b>	<b>Faculty Member of University of Mysore</b>	At present working as Associate Professor, DOS in Environmental Science, Manasagangothri, Mysore
<b>1998 - 2000</b>	<b>Post-Doctoral Research</b>	Research Institute for Solvothermal Technology Takamatsu, Japan

**Awards:**

- 1. Prof. W. D. West Memorial Award, (National Award) by the Indian Science Congress Association, Kolkata, on the occasion of 106<sup>th</sup> ISCA, Held in Jalandhar, Punjab, India.**
- 2. Recipient of the Attractive Paper award in the IX International Conference on Crystal Growth, August 20-25, 1989, Sendai, Japan.**
- 3. Kannada Rajyostava Award Mandya, District Kannada Parishath, November 01, 2020**

**Ph.D. Degree Received in 1989:**

**Title of the Thesis: Synthesis and Characterization of  $ABO_4$  Crystals (A= Al, Ga, Fe, Mn, B; B= P, V, As)**

**Projects completed:**

<b>Sl. No.</b>	<b>Title of the Project</b>	<b>Funding Agency</b>	<b>Amount</b>	<b>Year (From-To)</b>
1.	<b>Carbon Materials</b>	Japan Govt.	-	1998-2000
2.	<b>Polymorphs of Carbon Materials</b>	DST, New Delhi	Rs.32 Lakhs	2004-2007
3.	<b>Industrial Pollution Abatement through preventives Strategies</b>	MOE & F Govt. of India	Rs.28 Lakhs	2008-2011
4	<b>Speciation of Heavy Metals and Their Geochemical Behaviour in Urban Waste Water- A Case Study of Mysore City</b>	UGC, New Delhi	Rs. 9, 76,800.	2010-2014
5	<b>Water Sample analysis and Biodiversity studies in the water bodies of proposed Mysore-Nanjangud Local Planning Area</b>	EMPRI, (Govt. of Karnataka)	Rs. 9,08,500=00	2014-2016
6	<b>University With Potential for Excellence (UPE) and Center with Potential for Excellence in a Particular Area (CPEPA)</b>	UGC	Rs. 60,00,00,000=00	2012-2020

### Projects On-going:

Sl. No	Title of the Project	Funding Agency	Amount	Expected date of completion
1	<b>Climate Smart Livelihood and Socio-ecological Development of Biodiversity Hotspots of India</b>	DST, New Delhi	Rs.22 Lakhs	2022

- **Over 150\* students have carried out project dissertation.**
- **Ph. D Degree: sixteen students successfully completed their doctoral degree under my guidance and five are working.**

### Ph,D Degree Complete Candidates list:

Sl No	Candidate Name	Title of the research	Year of Award
01	<b>Siamak Gholami</b>	Study of Water Pollution Assessment and Environmental Risk Management of Cauvery River at Krishna Raja Sagar Dam and its Downstream	2009
02	<b>Harish Kumara.B.K</b>	Study of Environmental flows and Ecological status in Tungabadra River, India	2011
03	<b>Shiva Kumar. D</b>	Geochemistry of Heavy metals and their Speciation study in soil of Industrial area of Mysore city, India	2013
04	<b>Shakunthala Bai</b>	Speciation of Heavy metals and their geochemical behavior in urban wastewater- a case study of Mysore city	2013
05	<b>Madhukar.R</b>	Environmental Impact Assessment Studies of Major Industries in Bidadi and Doddaballapur Area,Karnataka	2013
06	<b>Kiran.B. M</b>	Iron oxides as stabilizing agent for treating Heavy metals in Solid waste	2014
07	<b>Susheela S</b>	Geochemistry and Speciation of Heavy Metal in sediments of Cauvery river basin around KRS Dam, Karnataka, India	2016
08	<b>Shruthi L</b>	Photocatalytic removal of chemical pollutants from wastewater using Hydrothermally synthesized metal oxide semiconductors	2016
09	<b>Appaji Gowda</b>	A Study on Socio-Economic impact on the life style of the people in and around KRS dam at Mandya district in Karnataka, India	2017
10	<b>Priyadarshini N. R</b>	Environmental exposure and public health impacts of medical waste treatment and disposal in Mysuru	2017
11	<b>Vahid Sharifi</b>	Assessment of Environmental Impact using Remote Sensing and GIS on Urbanization of Mysore City, Karnataka, India	2017

12	<b>Manju R</b>	Composting of solid waste of Mysore city using different organic wastes as additives	2018
13	<b>Jagdish K</b>	Synthesis, Characterization and Application of Carbon nanotubes and its composites	2018
14	<b>Rajendra Prasad S</b>	Synthesis of transitions metal vanates-TiO <sub>2</sub> composites semiconductors for the photocatalytic degradation of organic pollutants in wastewater	2018
15	<b>Nayan M. B</b>	Hydrothermal Processing of Photocatalytic nanomaterials	2019
16	<b>Alaa Samy Hafez Megahed</b>	Study of Climate Change and Its Impact on Sustainable Development in Rural Areas of Mysore District, India	2020
17	<b>Abhilash.M.R</b>	Synthesis of Metal oxides and their uses in industrial wastewater treatment by photocatalytic process	2021

**Conference/Seminar organized:**

<b>Sl. No.</b>	<b>Status as Organizer</b>	<b>Title of the conference/seminar</b>	<b>Date</b>
1	<b>Organizing Secretary</b>	International School on Crystal Growth of Technologically Important Electronic Materials	Jan 2003
2	<b>Organizing Secretary</b>	6 <sup>th</sup> International Conference on Solvothermal Reaction	Aug 2004
3	<b>Secretary and Treasurer</b>	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	Feb 27,28 2009
4	<b>Organizing Secretary</b>	Workshop on “Human-animal conflict and its ecological perspectives”	May 2013
5	<b>Organizing Secretary</b>	Special Lecture Series in Environmental Science	22February 2014
6	<b>Organizing Secretary</b>	Special Lecture Series on Material Science	03 May 2014
7	<b>Organizing Secretary</b>	Seminar on Benefits of Nuclear and Material Sciences in day to day life (BNMS- 2015)	21and 22 <sup>nd</sup> August 2015
8	<b>Organizing Member</b>	“103 <sup>rd</sup> Indian Science Congress 2016” Indian Science Congress Association	3-7 January 2016
9	<b>Convener</b>	31 <sup>st</sup> Inter University National Youth Festival	15 – 19 February, 2016
10	<b>Chairman, (Accommodations)</b>	40 <sup>th</sup> Indian Social Science Congress	19 – 23, December, 2016
11	<b>Convener</b>	AFMEEHC-2019, University of Mysore, Mysuru, India.	18-20, March,

			2019.
12	<b>Convener</b>	National Conference on Science and Technology: Rural Development, Organized by University of Mysore and Indian Science Congress, Bangalore Chapter. University of Mysore, Mysuru, India.	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019.

- **Other Activity: I am very much active in any of the Curriculum of the University Mysore.**

**Conference/Seminar Chaired:**

Sl.No.	Title of the seminar	Organized by	Date
1	Symposium on Conservation and Management of River and lakes Ecosystems,	CES, IISc., Bangalore	Dec 22-24, 2008
2	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	University of Mysore	Feb 27,28 2009
3	Solvothermal Synthesis of Multiwalled Carbon nanotubes.	International Union for Materials Research Society. IISc, Bangalore	Dec 16-20, 2013
4	Application of Nanotechnology in Environmental Remediation	Tumkur University	Oct 7, 2015
5	10 <sup>th</sup> International Conference on. Materials for Advanced Technologies (ICMAT-2019) Singapore	Nanyang Technological university of Singapore	23-29, June 2019
6	108 <sup>th</sup> Indian Science Congress	Indian Science Congress and University of Agricultural Sciences, Bangalore	Jan 3 – 7, 2020

**Papers presentation in the International Conference/Workshops/School held abroad:**

1	Synthesis and Characterization of AlPO <sub>4</sub> :Nd	XVI international Rare Earth Research Conference, Hamilton, Canada	June 9-12, 1986	presented the paper
2	Growth and Properties of New polymorphic modification of AlPO <sub>4</sub>	8 <sup>th</sup> International Conference on Crystal Growth, York, U.K.	July 13-18, 1986,	presented the paper

3	Hydrothermal reactions of Carbon	International Conference on Diamond related materials, Tsukuba, Japan	Feb28 – march1, 1999	Present the paper
4	Hydrothermal reactions of Wood ceramics	I <sup>st</sup> Workshop on Soft Solution Process, TIT, Tokyo, Japan	March 1-4, 2000,	Present the paper
5	Photocatalytic Degradation of Phenol Using hydrothermally Prepared ZnO Impregnated onto The Activated Carbon	PCGMR Symposium, Nanotechnology For Advanced Materials, National Cheng Kung University, Tainan, Taiwan	September 23 <sup>rd</sup> -24 <sup>th</sup> 2011	Present the paper and got best presentation award
6	Biodegradation of Dyes in Aqueous Solution Using Fungi	12 <sup>th</sup> IUMRS International Conference in Asia Taipei, Taiwan	September 19 <sup>th</sup> -22 <sup>th</sup> 2011	Present the paper
7	Socio-Economic Impacts on Indigenous Population due to River water pollution of Cauvery river, Karnataka, India.	International conference Chiba, Japan.	14 <sup>th</sup> May-17 <sup>th</sup> May, 2014	Present the paper
8	Hydrothermal Synthesis of Nd <sub>2</sub> O <sub>3</sub> coated TiO <sub>2</sub> Nanomaterial for the Photocatalytic degradation of Indigo carmine dye.	International conference on Nanotechnology	22 <sup>rd</sup> April to 24 <sup>th</sup> April, 2016	Present the paper
9	Biomolecule-Mediated synthesis of Selenium Nanoparticles and its Charecterization.	International conference on Nanotechnology	22 <sup>rd</sup> April to 24 <sup>th</sup> April, 2016	Present the paper
10	Study of geochemical behavior of heavy metals in agricultural crops	ICER-006-PS-O-16, ICER-16,8th International Congress of Environmental Research, LuebeckUniversity of Applied Sciences,Luebeck, Germany, ISBN: 978-81-909379-8-6, (PIN:909379, Category No:5.	27-28 July, 2016	Paper Presented
11	Hydrothermal Technology for generation of Metal oxides	6 <sup>th</sup> ISHA, MRAM, Tohoku University, Sendai, Japan	August, 8-12, 2018	Paper Presented
12	Hydrothermal synthesis of MgO micro-flowers and their applications in	GICAN, The University of Newcastle, NSW, Australia.	October, 30 to November, 02	Paper Presented

	efficient photo-catalytic dye degradation and heavy metal separation and also its biological activity		2018	
13	Photo-catalytic dye degradation and biological activities of Iron/Cuprous nanocomposites	Nelson Mandela bay stadium, Port Elizabeth, South Africa.	November, 7-9,2018	Paper Presented
14	Hydrothermal Synthesis of Novel Fe/BiVO <sub>4</sub> Hetero-Nanoflowers with Enhanced Visible Light Driven Photocatalytic Activity for Wastewater Purification	09 <sup>th</sup> ICMAT, Symposium – CC, Suntec, Singapore.	18-23, June,2017,	Paper Presented
15	Controllable Hydrothermal growth of Iron oxide nanoparticle: Reaction parameters and its water treatment studies with graphene oxide composite	Symposium, A-8, 15TH IUMRS-ICAM, 2017, Yashida Campus, Kyoto University, Kyoto, Japan.	August,27 - September, 01, 2017,	Paper Presented
16	Synthesis of Metal oxide Heterostructures by Hydrothermal method and their applications	10 <sup>th</sup> International Conference on Materials for Advanced Technologies (ICMAT-2019) Singapore	23-29 June 2019	Paper Presented

**Papers presentation in the International Conference/Workshops/School held in India:**

1	Synthesis of a New proton Conductor – $Nh_4Zr_2V_5O_{12}$	Workshop on Material Science, IIT Kanpur	Feb28 – March 2, 1985	presented the paper
2	Influence of admixtures on the crystallization in Polymorphic transition of Piezoelectric Aluminum orthophosphate	Symposium on Crystal Growth, VECC, Calcutta	Jan 29-31, 1986,	presented the paper



3	Synthesis of Y:AlPO <sub>4</sub>	3 <sup>rd</sup> National Seminar on Crystal Growth Anna Univ. Madras.	Feb. 16-19, 1987,	presented the paper
4	Expansion of Berlinite Crystals	XIX National Seminar on Crystallography, Chenganacherry, Kerala.	Dec.18-20, 1987,	presented the paper
5	Frequency dependent conductivity of a New Superionic conductor – (NH <sub>4</sub> )Zr <sub>2</sub> VO <sub>17</sub>	Symposium on Solid State Physics, BARC, Bombay.	Dec 27-31, 1987,	presented the paper
6	Thermodynamic characteristic of Berlinite crystals	IV National Seminar on Crystal Growth, Madras	Nov 18-20, 1990,	presented the paper
7	Hydrothermal synthesis of Hexaferrite compounds	IV National Seminar on Crystal Growth, Madras.	Nov 18-20, 1990	presented the paper
8	The effect of Mixed Solvents on the Solubility and Growth of piezoelectric Berlinite	IV National Seminar on Crystal Growth, Madras	Nov 18-20, 1990,	presented the paper
9	Synthesis of AlPO <sub>4</sub> – Ceramic Binders	Conference on Oxide Ceramics and Technology, Kolhapur	Feb. 21-23, 1991	presented the paper
10	Hydrothermal Synthesis and Characterization of Hexaferrites	XXII National Seminar on Crystallography, Jaipur, Rajasthan.	March 23-25, 1992	presented the paper
11	Stability and behaviour of Carbon nanotube under Hydrothermal conditions	International School on Crystal Growth of Technologically Important Electronic Materials, Mysore	January 20-28, 2003,	presented the paper
12	Hydrothermal Impregnation of particulates on Activated Carbon	International School on Crystal Growth of Technologically Important Electronic Materials, Mysore	January 20-28, 2003,	presented the paper
13	Hydrothermal Carbons	6 <sup>th</sup> International Conference on Solvothermal Reactions, Mysore	August 24-28, 2005	presented the paper
14	Single Wall Carbon Nanotube transformation into Multiwall Carbon Nanotube and Carbon Nanocells under Hydrothermal treatment	6 <sup>th</sup> International Conference on Solvothermal Reactions Mysore.	August 24-28, 2005,	presented the paper
15	Mapping of Renewable Energy Resources using GIS	International Seminar on Geoinformatics – 2004, Mysore	Dec 13-14, 2004	presented the paper
16	Ground water assessment	International Conference on	22 <sup>nd</sup> – 23 <sup>rd</sup>	presented

	study in parts of Mysore city around industrial area	Water and Health SJCE, Mysore, Mysore	January 2005,	d the paper
17	Study of stability of Carbonized wood materials by hydrothermal method	National Symposium on Bio-Organic and Medicinal Chemistry (NSBM) DOS in Chemistry, Univ. of Mysore,	5 <sup>th</sup> – 7 <sup>th</sup> October 2005	presented the paper
18	Photocatalytic degradation of Carmine dye using Nd <sub>2</sub> O <sub>3</sub> – TiO <sub>2</sub>	National Workshop on Catalysis Bangalore	8 <sup>th</sup> -10 <sup>th</sup> Feb 2007	presented the paper
19	Photocatalytic Degradation of Phenol using hydrothermally prepared ZnO impregnated onto the activated carbon	National Conference in Chemistry	27 <sup>th</sup> - 29 <sup>th</sup> September 2006	Participated
20	The degradation of pesticide in Wastewater using Hydrothermally prepared TiO <sub>2</sub>	National Conference in Chemistry	27 <sup>th</sup> - 29 <sup>th</sup> September 2006	Participated
21	An Assessment of Water Quality SEFIDROD river in Iran after Removal of Silt	International Conference on Environmental Education	Aug 23– 26 2007	Presented Paper
22	Catalysis	Bangalore Institute of Technology	October 8 <sup>th</sup> 2007	Participated
23	Photocatalytic degradation of phenol using hydrothermally prepared ZnO impregnated onto the activated carbon	National Workshop on Catalysis Bangalore	8 <sup>th</sup> -10 <sup>th</sup> Feb 2008	Participated
24	Waste water treatment and Management in Urban areas – a case study of Mysore city	Symposium on Conservation and Management of River and lakes Ecosystems, CES, I I Sc., Bangalore	Dec 22- 24 2008	presented the paper
25	Organized by RMP, Mysore	Industrial application of Radioactivity and Ionizing Radiations,	Nov 22 2008	Participated
26	Characteristics of Urban Wastewater- a case study of Mysore city	National Conference on Current Trends in Environmental Science & Sustainable Development (NCESD – 2009)	Feb 27,28 2009	presented the paper
27	Study of Heavy Metals in Sediments of Urban Wastewater of Mysore	Recent Advances in Mineral Sciences and Their Applications	March 17 <sup>th</sup> -18 <sup>th</sup> , 2011	Presented the Paper
28	Environment Flow requirement – A case study of Tungabhadra river basin	Recent Advances in Mineral Sciences and Their Applications	March 17 <sup>th</sup> -18 <sup>th</sup> , 2011	Participated

29	Solvothermal Synthesis of Multiwalled Carbon nanotubes.	International Union for Materials Research Society. IISc, Bangalore	December 16-20, 2013	Participated
30	102 <sup>rd</sup> Indian Science Congress 2016” Indian Science Congress Association	University of Mumbai	January 3 <sup>rd</sup> to 7 <sup>th</sup> , 2015	Participated
31	Kannada VijnanaSammelana	University of Mysore	15 <sup>th</sup> to 17 <sup>th</sup> Sep 2014	Participated
32	Geochemical behavior of Heavy metal in Urban Wastewater treatment plants of Mysore city, India	National Conference on Pure and Applied Chemistry, University of Mysore	29 <sup>th</sup> to 31 <sup>th</sup> Dec 2014	Presented the posters
33	Hydrothermal synthesis of multiwall carbon nanotubes using polystyrene.	National Conference on Pure and Applied Chemistry, University of Mysore	29 <sup>th</sup> to 31 <sup>th</sup> Dec 2014	Presented the posters
34	Application of Nanotechnology in Environmental Remediation	Application of Nanotechnology in Environmental Remediation, Tumkur University	October 7, 2015	Participated
35	103 <sup>rd</sup> Indian Science Congress 2016” Indian Science Congress Association	University of Mysore	January 3 <sup>rd</sup> to 7 <sup>th</sup> , 2016	Organizing Member
36	International conference on Science and Technology: Future challenges and solutions -	IJAA, JSPS, UOM, and VTU	August 8 – 9, 2016	Organizing Member
37	3 <sup>rd</sup> International STEM Fest	GST, STEM and UoM	October, 17 – 20, 2016	Organizing Member
38	International conference on best practices in sustainable water, wastewater and Energy management	KSPCB, Rotary, CED UVCE, CED SET, EAB and AMC	August, 2016.	Presented the paper
39	National conference on Innovative technology to combat climate change in India	Sri Mahaveer Jain collage, KGF	3 <sup>rd</sup> March, 2017	Presented the paper
40	National conference on Innovative technology to combat climate change in India	Sri Mahaveer Jain collage, KGF	3 <sup>rd</sup> March, 2017	Presented the paper
41	National Conference on Recent advances in	Maharani’s Science College for Women, Mysuru	22 <sup>rd</sup> September	Presented the

	Aquaculture		r, 2017	paper
42	Controllable hydrothermal route Novel MWCNTs/Metal oxides composites used for Textile Dyes removal from aqueous Environment,	09 <sup>th</sup> ICMAT, Symposium – L-09, Suntec, Singapore.	18-23, June, 2017,	Presented the paper
43	106 <sup>th</sup> Indian Science Congress 2018” Indian Science Congress Association	Lovely Professional University, Jalandar, Punjab, India.	January, 3-7,2018	Presented the paper
44	Synthesis of mesoporous BiVO <sub>4</sub> -Ag <sub>2</sub> WO <sub>4</sub> nanocomposites and their highly efficient photocatalytic performance for dye pollutants	AFMEEHC-2019 University of Mysore, Mysuru, India.	March, 18-20,2019	Presented the paper
45	One step synthesis of tin oxide and cuprous oxide nanomaterials and their sintering effect in dye degradation.	International Conference on Nanomaterials and their Applications 2018 (ICNA 2018), University of Mysore, India.	March, 18-20,2018	Presented the paper
46	High-routine supercapacitor-based materials support on polypyrrole composites fixed with core-scabbard polypyrrole@MnMoO <sub>4</sub> /Cs <sub>2</sub> O nanorods.	International Conference on Nanomaterials and their Applications 2018 (ICNA 2018), University of Mysore, Mysuru, India.	February, 23-24, 2018	Presented the paper
47	Biogenic fabrication of metal oxide nanoparticles and their application	National Conference on Biodiversity and Bio-Prospecting for Sustainable Development, 2018” University of Mysore, Mysuru, India.	February, 23-24, 2018	Presented the paper
48	Biosynthesis of iron oxide (Fe <sub>2</sub> O <sub>3</sub> ) nanoparticles via aqueous extracts of <i>Guadua angustifolia</i> and their pharmacognostic properties,	National Conference on “Biodiversity and Bio-Prospecting for Sustainable Development, University of Mysore, Mysuru, India.	February, 23-24, 2018	Presented the paper
49	Green synthesis, characterization and applications of Fe <sub>2</sub> O <sub>3</sub> , nanoparticles by using <i>Crotalaria L</i> ,	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March, 2019	Presented the paper
50	Synthesis, characterization and antimicrobial activity of nanoparticles,	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019)	18-20, March, 2019	Presented the paper

		University of Mysore, Mysuru, India.		
51	Bio-fabrication of Cu <sub>2</sub> O nanoparticles using <i>Plectranthusamboinicus</i> and their toxic potential against bacteria: A mechanistic approach,	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
52	Photocatalytic activity of ZnO-MxOy Heterostructures and comparison study of Band positions and Surface area	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
53	Solar-Light-Induced Photocatalytic Properties of Novel MnV <sub>2</sub> O <sub>6</sub> /TiO <sub>2</sub> Nanocomposite	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
54	Enhanced Photo-reduction CO <sub>2</sub> Activity of Cu <sub>2</sub> O/ZnO Heterostructures under Visible Light Irradiation	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
55	High efficient BiVO <sub>4</sub> /CeO <sub>2</sub> /MWCNTs Nanocomposites for the photocatalytic treatment of wastewater,	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
56	Growth mechanism of MWCNTs by Fe-Ni bimetallic catalyst on CaCO <sub>3</sub> support via Catalytic Chemical Vapor Deposition Process	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 019	Presented the paper
57	Photocatalytic degradation of anionic dye using bismuth doped TiO <sub>2</sub> -Fe <sub>2</sub> O <sub>4</sub> composite	Advanced Functional Materials for Energy, Environment and Health Care (AFMEEHC-2019) University of Mysore, Mysuru, India.	18-20, March,2 018	Presented the paper
58	Investigation of optical and electrical properties of MWCNT/AgWO <sub>2</sub> -	Advanced Functional Materials for Energy, Environment and Health	18-20, March,2 018	Presented the paper

	composites,	Care (AFMEEHC-2019) University of Mysore, Mysuru, India.		
59	Enhanced Photo-Reduction CO <sub>2</sub> Activity of Se/Cu <sub>2</sub> O Heterostructures Under Visible Light Irradiation,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
60	Visible Light Enhanced Photocatalytic Degradation Of Janus Green By Fe <sub>2</sub> O <sub>3</sub> /ZnO/GO Ternary Nanocomposite,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
61	Simultaneous Removal of Cationic And Anionic Dyes From Environmental Water Using Bismuth Doped TiO <sub>2</sub> - Fe <sub>2</sub> O <sub>4</sub> Composite	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
62	Green Synthesis, Characterization and Applications of Fe <sub>2</sub> O <sub>3</sub> Nanoparticles By Using <i>Crotalaria L</i> ,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
63	Band Structure Parameters and Overview of Available Approximation Computational Methods,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
64	Photo-Catalytic Degradation Of Chromium (VI) By Using Nano-Porous Silver Tangstanate,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
65	Functional Multiwalled Carbon Nanotubes (CNT'S) Composite with Silver Tungstate Nanoparticles And Its Application On Antibacterial Activity,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
66	Preparation of CoTiO <sub>3</sub> /CNT (CTC) Nano-Photocatalyst With Enhanced Methylene Blue Dye Degradation,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
67	Hydrothermal Synthesis of Porous Ni/Fe <sub>2</sub> O <sub>4</sub> /CNT Nano- Composite with High Photocatalytic Properties	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper
68	Fabrication of Heterogeneous ZnO Hybrid Structure Nanocomposites and Their	National conference on Science and Technology: Rural Development	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presente d the paper

	Photocatalysis	(NCSTRD-2019)		
69	Transition Metal Vanadates and Titanium Dioxide Nanocomposite For The Photocatalysis: Methylene Blue Dye Degradation,	National conference on Science and Technology: Rural Development (NCSTRD-2019)	17 <sup>th</sup> and 18 <sup>th</sup> , Oct, 2019,	Presented the paper
70	Multi-walled carbon nanotubes synthesis by Fe-Ni nanoparticle –catalyzed controlled on CaCO <sub>3</sub>	CCM-2019, Indian Carbon Society, and CSIR-National Physical Laboratory, New Delhi.	20-22, November	Presented the paper

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