

BIO – DATA

PERSONAL PROFILE	
NAME	VURIMINDI. HIMABINDU
Fathers name	V.Venkata rami reddy
Mothers name	V.Subhashini
Date of birth	25-07-1969
Marital status	Married
Address	V. Himabindu plot no.47, Jayabharat Cooperative society behind KEN college, Thirumalgiri, Secunderabad, 500 015, T.S. (India)
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ACADEMIC QUALIFICATIONS:

Name of the University	Degree Awarded and Year of passing	Subject
J.N.T.University	Ph.D. 1998	Chemistry
S.V. University	M.Sc. 1991	Environmental Chemistry
S.V. University	B.Sc. 1989	Chemistry, Physics & Zoology
M.Sc Project work	Role of pesticides in the Environment	
Ph.D Project Topic	Removal of colored organics by using dead biomass and other low cost adsorbents from industrial effluents”.	

EMPLOYMENT AND EXPERIENCE:

Name of the Organization	Designation	Duration
JNT University	Professor and HOD	From 23 rd Sep 2017 to Till date
JNT University	Professor	From Jan 2015 to 22 nd Sep 2017
JNT University	BOS Chairman, EST & Associate professor	From Oct 2012 to Dec 2014
JNT University	Head of the department & Associate Professor	From Sept 2010 to Sept 2014
JNT University	Associate Professor	From 25 th Oct 2008 to Dec., 2014
JNT University	Assistant Professor	From 25 th Oct 1999 to Oct 25 2008
JNT University	Academic Associate	Jan.1 st 1999 to Oct.24 th 1999
Bhagawati Ana labs	Sr. Env. Chemist	April,1997 to Jan,1999
JNT University	Project Associate in “All India Council of Technical Ed.Project.	April,1995 to April, 1997
JNT University	Academic Assistant	Feb.1994 to Feb.1995

RESEARCH STUDENTS UNDER THE GUIDANCE OF DR. V. HIMABINDU

S. No.	Ph.D students guided	Degree awarded	Research topic
1	Dr. Ch. Aparna	2008	Bioremediation of industrially polluted lake sediments

2	Dr. G.Sagareswar	2008	Studies on the air pollution of the Hyderabad city in view of vehicular volume and road network.
3	Dr. Ch.Rajani Kumari	2011	Bioremediation of recalcitrant compounds using biosurfactants
4	Dr .N.Rambabu	2011	Treatment of Dyes and Dye Effluents using Advanced Sequential Oxidation Techniques (ASOT)
5	Dr. D. Sreekanth	2011	Biodegradation of phenolic compounds by using UASB
6	Dr. P. Nalini	2011	Remediation of ground water using sonication technologies
7	Dr. P. Saritha	2011	Degradation of USEPA listed recalcitrant compounds using Advanced oxidation processes (AOPs)
8	Dr.D.Sivaramakrishna	2011	Bio hydrogen production from Industrial waste waters using anaerobic reactors
9	Dr.K.Naga Mahesh	2013	Design and development of proton exchange membrane Water electrolyser and nanocarbon supported palladium electrocatalyst.
10	Dr. M.Venkateswer Rao	2014	Synthesis of carbon nano materials using flame and chemical vapour deposition methods and their application.
11	Dr. C.Mahender	2015	Flame synthesis of nano metal particles.
12	Dr. V.Viditha	2015	Hydrogen adsorption on metal oxide surfaces
13	Dr. Rajani Rani	2015	Waste water treatment by using UASB, ASP & RBC.
14	Dr. K.Srilatha	2017	Hydrogen Production via Thermo Catalytic Decomposition of methane using different metal and carbon catalysts
15	Dr.K.Pooja	2017	Biodiesel production from native micro algae biomass by CO ₂ Sequestration using different industrial waste waters
16	Dr.E.L.Santhi priya	2017	Preparation of polymer electrolyte membrane.
Co-Supervisor			
17	Dr. D. Bhagawan	2016	Utilization of industrial hazardous wastes
18	Dr. T. Raghavendra	2016	Assessment of radioactive elements in Nalgonda district

S.No	Ph.D students working	Research topic
1	Mr. S.U.B.Ramakrishna	Synthesis of bifunctional electrocatalyst for PEM water Electrolyser.
2	Mr.M.Sivaramakrishnan	Biohydrogen production from renewable Waste, isolation and molecular characterization of high hydrogen producing bacterial strains
3	Ms. G.Kalyani	Ammonia removal from industrial waste water by using activated Sludge process.
4	P. Kiran kumar	Biodiesel production from lipid producing micro algae using industrial CO ₂ emissions with sewage.
5	S. Shiva kumar	Synthesis of Nano materials and its applications for hydrogen production through PEM water electrolysis

Co-supervisor		
1	Ms.S.Shakeela bhanu	Biodegradation of pharmaceutical waste water containing antibiotics using different bioreactors.
2	Mr.G.Shankaraiah	Treatment of commonly used antibiotics using advanced oxidation processes (AOPs)
3	Ms. N. Chaitanya	Bio hydrogen production using industrial waste waters
4	Ms. Yamuna Rani	Preparation of bricks from industrial solid waste

M. Phil project works guided-13

B. Tech project works guided-7

M. Sc project works guided-61

Project works guided for other than JNTUH students-46

NO. OF WORKSHOPS & SHORT TERM COURSES ORGANIZED:

S. No	Title	Name of Coordinator	Date of Workshop
1.	One day work shop on Cleaner Technologies at JNTU, Hyderabad	Dr.V.Himabindu	5 th December 2001
2.	One week orientation course on Environmental Pollution and control technologies for Assistant Environmental Engineers at JNTU , Masab tank, Hyderabad	Dr.V.Himabindu	April 2001
3	Two week part time short term course on instrumental methods of analysis for pharmaceutical samples at JNTU Kukatpally, Hyderabad.	Dr. V. Himabindu	11 courses conducted during 2004 to till date
4	National workshop on Cleaner Technologies for Sustainable development	Dr.V.Himabindu	September 27 th -28 th 2005
5.	National workshop on hydrogen and fuel cell technologies for future energy options	Dr.V.Himabindu	Dec 22 nd - 23 rd 2008
6.	Environmental Science & Technology exhibition on 'World Environment Day'	Dr.V.Himabindu	7 th June 2011
7.	World Water Day - One Day Workshop on "Challenges in Water Management Technologies"	Dr.V.Himabindu	26 th March 2012
8.	Workshop on " Hazardous Waste Management	Dr.V.Himabindu	27 th March 2012
9.	Workshop on Latest trends in technological innovations to curb emissions	Dr.V.Himabindu	6 th July 2012
10	National conference on Renewable and Sustainable Energy	Dr. V.Himabindu	27 th &28 th , June 2014
11	International conference on environment and energy (ICEE-2014)	Dr. V.Himabindu	15-17 th Dec., 2014
12	Short term course on Biofuel Engineering (GIAN program under MHRD)	Dr. V.Himabindu	11-15 th July 2016

13	Short term course on Air Quality Measurements (GIAN program under MHRD)	Dr. V.Himabindu	21 st – 25 th Nov., 2016
14	Short term course on Numerical Modeling of Air Pollution through State-of- the-Art Modeling Systems (GIAN program under MHRD)	Dr. V.Himabindu	28 th Nov. – 02 nd Dec., 2016
15	Short term course on Air Quality Management Quality Assurance and Data Analysis (GIAN program under MHRD)	Dr. V.Himabindu	05 th -09 th Dec., 2016
16	Short term course on Sustainability and Engineering (GIAN program under MHRD)	Dr. V.Himabindu	13 th – 17 th Dec., 2016
17	Two Days Refresher Course on Operation, Maintenance & Calibration of Instruments for Monitoring Air Pollution & Air Quality	Dr. V.Himabindu	8 th – 9 th Sep., 2017
18	Three day workshop on Environment Health and safety (EHS)	Dr. V.Himabindu	30 th April- 2 nd May, 2018
19	Three day workshop on Industrial Waste Management (IWM)	Dr. V.Himabindu	8 th – 10 th Aug.- 2018, 2018

R& D PROJECTS:-

S. No	Coordinator	Title of the Project	Funding Agency	Duration	Starting and Closing Date	Cost Of The Project (In Rs.)
1	Prof. Y. Anjaneyulu & Dr. V. Himabindu	Design and development of low cost arsenic monitoring water quality field kits using portable digital spectrophotometer.	BARC, Dept. of Atomic Energy	2 years	Aug.2001 – Aug 2003	9.97 lakhs
2	Prof. Y. Anjaneyulu & Dr. V. Himabindu	Online monitoring of ambient air quality using integrated electrochemical and met-sensors at 2 selected sites in and around Hyderabad and data online transmission using internet protocol and for furnishing the report.	AP Pollution control board	3 years	Jan2003- Jan2006	62 lakhs
3	Prof. Y. Anjaneyulu & Dr. V. Himabindu	Design and development of novel Hydrogen storage materials – lithium Intercalated fullerenes and carbon Nanotubes using flame synthesis	DRDO	3 years	Nov 2003- Nov.2006	48.14 lakhs

4.	Dr. V.Himabindu	Development of water electrolysis technology using solid polymer electrolyte assembling(SPEA) for a fully Automated prototype hydrogen generator.	BARC-BRNS	4 years	2006-2010	60.0 lakhs
5.	Dr.V.Himabindu& Dr.Y.Narasimha Reddy	Studies on the Nano-toxicology of nano carbon particles synthesized by flame reactor	DST	3 years	2007-2010	20 lakhs
6.	Dr.V.Himabindu	Studies on the hydrogen production using Thermo catalytic decomposition	UGC	2years	2008-2010	6 lakhs
7.	Dr.V. Himabindu, CII India, EPTRI India, IVL Sweden,Gamana	Capacity building on cleaner production processes in industries in Hyderabad region.	Sida, Sweden	2 years	2008-2010	3 crores
8	Dr.V.Himabindu	Baseline survey on air, water, soil, radioactivity and aquatic biota in and around the proposed uranium mining site at Lambapur / pedagattu / sheripalle.	BARC-BRNS	2 Years	2010-2012	67.2 Lakhs
9	Dr.Lakshmi Narasu & Dr.V.Himabindu	Design and development of Biological hydrogen production reactors from renewable organic wastes	MNRE	3 Years	2007-2010	19.52 Lakhs
10	Dr.V.Himabindu & Dr. Lakshmi Narasu	Hydrogen production through biological routes	MNRE-Mission project	5 years	2010-2015	60.32 Lakhs
11	Dr.V.Himabindu	Biodiesel production by using native micro algae using industrial wastewaters and industrial stack emissions	DBT	2 years	2010-2012	17 Lakhs
12	Dr.V.Himabindu	Application of Ultrasonication , Peroxidase-mediated Oxidation and Ozonation for Ground water Remediation	DST CPSTIO	3 years	2009-2012	5.8 Lakhs
13	Dr.V.Himabindu	Departmental improvement activities	DST-FIST	5 years	2011-2016	61 Lakhs

14	Dr.V. Himabindu	Development of PEM, AEM and Alkaline water electrolyzers for Hydrogen production	BARC-BRNS	3 years	2014-2017	33.95 Lakhs
15	Dr.V. Himabindu	Biodiesel production from lipid-producing microalgae using industrial CO ₂ emissions and sewage	DST-NPCS	2years	2015-2017	23.32 Lakhs
16	Dr.V. Himabindu	Hydrothermal treatment (HTC) of waste biomass (bio solids in waste water treatment plants, Algae, Organic portion of MSW/ Kitchen waste, Vegetable Market waste etc) and Pyrolysis / Terrafaction treatment for Bio-char / Bio-oil / Syn gas production using dry biomass (Garden waste)	TEQIP-II	1year	2016-2017	2.25 Lakhs
17	Dr.V. Himabindu	i. Acid recovery from industrial waste water ii. Treatment of electroplating industrial waste water	TEQIP-II	1year	2016-2017	2.4 Lakhs
18	Dr.V. Himabindu	i. Bio-hydrogen production from distillery spent wash ii. Nano carbon production using industrial VOC emissions from tyre pyrolysis unit	TEQIP-II	1year	2016-2017	0.50 Lakhs
19	Dr.V. Himabindu	Cost effective and novel treatment method development for the remediation and reuse of pesticide industrial waste water	DST	2years	2017-2019	21.07 Lakhs
20	Dr.V. Himabindu	Treatment of wastewater using movable electrochemical reactor	MSME	1 year	2017-2018	4.00 Lakhs
21	Dr.V. Himabindu	Collaborated Project On "Monitoring Of Air Pollution And Studies On Speciation, Source Apportionment In Hyderabad Urban Environment" With DE Institution Dayalbagh, Agra	TEQIP-III	1 year	2018-2019	2.00 Lakhs

CONSULTANCY WORKS DONE AS A TEAM MEMBER:-

S.No	Title of The Project	Sponsoring Agency	Status
1.	Conservation and management plans for remediation of Khazipally cheruvu	Andhra Pradesh Pollution Control Board	Completed
2.	Conservation and management plans for Bioremediation of Gandigudam lake .	Andhra Pradesh Pollution Control Board	Completed
3.	Rapid Environmental Impact Assessment of Buddha Purnima Project Area .	Tourist Department of A.P, India	Completed
4.	EIA of surface & ground water Quality on down stream side of Musi river and along the pipeline route considering the contours.	Patancheru Effluent Treatment Pla Hyderabad, A.P., India	Completed
5.	Collecting Air pollution monitoring data in the City of Hyderabad, A.P, India	Central road Research Institute, New Delhi, India	Completed
6	To study the water quality of GV canal of Tanuku Municipality, A.P., India	Tanuku municipality, A.P., India	Completed
7	Collection of the data on solid Waste disposal systems for 117 municipalities of A.P.	Andhra Pradesh Pollution Control Board	Completed
8	Preparation of conservation and Remediation plans for Isnapur Cheruvu and status of downstream tanks i.e Rrudraram tank, Pedda cheruvu and Komatikunta.	AP. Industries Infrastructure Corporation	Completed
9.	Sileru Hydro Electric Schemes – Providing potable water for drinking purposes –study of existing systems and suggesting remedial measures	Andhra Pradesh Power Generation Corporation, A.P., India	Completed
10	Development of technologies for the utilization of Primary & secondary sludges of Common effluent treatment plants.	A.P. Pollution Control Board, A.P.	Completed
11	Preparation of conservation and Remediation plans for Peddacheruvu.	A.P. Pollution Control Board, A.P.	Completed

CO-ORDINATOR FOR VARIOUS CONSULTANCY PROJECTS

S.no	Title of project	sponsoring agency	cost of project	year	Status
1	Treatment of Bulk drug pharmaceutical wastewater by using Anaerobic batch reactor.	PETL	0.65 lakhs	2012	Completed

2	Treatment of Bulk drug pharmaceutical wastewater by using Upflow anerobic sludge blanket reactor.	PETL	0.75 lakhs	2012	Completed
4	Study of lakes and tanks in Medak district.	A.P. Pollution Control Board	3.24 lakhs	2012	Completed
5	Survey of Noise pollution in R.R.District.	A.P. Pollution Control Board	0.50 lakhs	2012	Completed
6	Inventory on Hazardous Management in 50 industries.	A.P. Pollution Control Board	0.50 Lakhs	2012	Completed
7.	Study on the ground water pollution & ground water table due to Uranium mining at Pulivendula, Kadapa District.	UCIL & collectorate kadapa district	2.5 lakhs	2011	Completed
8	Treatment of electroplating industry waste water using electro coagulation	Environmental solutions Pvt. Ltd.	0.8lakhs	2012	Ongoing

RESEARCH PAPERS:

International Research Publications:

S. No	Details of the Research publication
1	Y. Anjaneyulu & V. Himabindu “Application of Waste Biomass for the removal of coloured organics from Industrial effluents”. Journal of Chemical & Environmental Research, Vol.9, No. (1&2), 2000.
2	Y. Anjaneyulu & V. Himabindu., Application of Mixed adsorbent Oxygenated coconut shell activated carbon (OCSAC) –Flyash-China clay for the removal of basic dyes from Industrial effluents” by Journal of Environment and Pollution, 8(1) 2001, PP.117-127.
3	Srinivas .S. Vutukuru, D.Suman raj, N.S.C. Charry, V.Himabindu and Y. Anjaneyulu, Impact of domestic and industrial wastes on the water quality structure of Godavari and Velpur canal, Tanuku, West Godavari district, Andhra Pradesh, India – A case study, by. Asian Journal of Microbiology, Biotechnology and Environmental Sciences. Vol.4, No.(4):2002:499-507.
4	Samuel Suman Raj D, N.Sreedhara Chary, V. Himabindu, M.R.P.Reddy and Y.Anjaneyulu.,Aerobic Oxidation of common effluent treatment plant wastewaters and sludge characterization studies,International Journal of Environmental Studies, Vol 60:1-13, 2003.
5	C.Mary Sukanya, V.Himabindu, Y.Anjaneyulu.,A Simple and Rapid Spectrophotometric method for determination of fluoride in water samples based on its bleaching effect on Aluminium – SPADNS lake , Asian Journal of Chemistry, Vol.17, No.1 (2005), 469-474.
6	D. Samuel Suman Raj, C. Aparna, P. Rekha, V. Himabindu and Y. Anjaneyulu ,Stabilization and solidification technologies for the remediation of contaminated soil sand sediments: an overview. Land Contamination Reclamation. 13 (1), 2005, 23-48.
7	P.Rekha, D.Samuel Suman Raj, C.Aparna, V.Himabindu and Y. Anjaneyulu. Bioremediation of contaminated lake sediments and evaluation of maturity indicies as indicators of compost stability. Int. J. Environmental Research and Public Health 2(2), 2005, 251-262.
8	Y. Anjaneyulu, V. Himabindu, I. Jayakumar, G. Sagareswar, P.V. Mukunda Rao, N. Rambabu, K. V. Ramani, “Use of multi-objective Air pollution monitoring sites and online air pollution monitoring system for total health risk assessment in Hyderabad, India” International Journal on

	Environmental Research and Public Health, 2005 2(2) 343-354.
9	P. Saritha, C. Aparna, V. Himabindu , Y. Anjaneyulu, “Comparison of various advanced oxidation processes for the degradation of 4-chloro-2 nitrophenol” Journal of Hazardous Materials 149 (2007) 609–614.
10	C. Aparna, P. Saritha, V. Himabindu , Y. Anjaneyulu “Techniques for the evaluation of maturity for composts of industrially contaminated lake sediments” Waste Management , Volume 28, Issue 10, 2008, Pages 1773-1784.
11	D. Sivaramakrishna, D. Sreekanth, V. Himabindu , Y. Anjaneyulu “Biological hydrogen production from probiotic wastewater as substrate by selectively enriched anaerobic mixed microflora” Renewable Energy; 34 (2009) 937–940.
12	D.Sreekanth, D.Sivaramakrishna, V.Himabindu , Y.Anjaneyulu Thermophilic treatment of Bulk drug pharmaceutical industrial wastewater by using hybrid Up flow anaerobic sludge blanket reactor, Bioresource Technology, Volume 100, Issue 9, May 2009, Pages 2534-2539.
13	D.Sreekanth, D.Sivaramakrishna, V.Himabindu , Y.Anjaneyulu Thermophilic degradation of phenolic compounds by using lab scale hybrid UASB reactors, Journal of Hazardous materials Volume 164, Issues 2-3, 30 May 2009, Pages 1532-1539.
14	P.Saritha, D.S.Suman Raj, C. Aparna, P.Nalini Vijaya Laxmi, V.Himabindu , Anjaneyulu “Degradative Oxidation of 2,4,6 Trichlorophenol Using Advanced Oxidation Processes? A Comparative Study; Water, Air, and Soil Pollution DOI 10.1007/s11270-008-9901.
15	K.Naga Mahesh, J.Sarada Prasad, M.Venkateswer Rao, V.Himabindu , and Anjaneyulu Yerramilli, “Performance of Pd on activated carbon as hydrogen electrode with respect to hydrogen yield in a single cell proton exchange membrane (PEM) water electrolyser” International Journal of Hydrogen Energy, Vol 34, May 2009, 6085 – 6088. ISSN: 0360-3199.
16	D.Sivaramakrishna, D.Sreekanth, V.Himabindu , M.Lakshmi Narasu, Thermo-acidophillic biohydrogen production from rice bran de-oiled wastewater by Selectively enriched mixed culture, International journal of energy & environment, Volume 1, Issue 4, 2010 pp.657-666
17	M. Venkateswer Rao, Vivek Dhand, J.S. Prasad, K. Naga Mahesh, V Himabindu , Anjaneyulu Yerramilli and B. Sreedhar, “In-situ Lithium Intercalation of Carbon Nanorods using Flame Synthesis”, Composites Science and Technology, Vol 70, 2010, 255–259. ISSN: 0266-3538.
18	P. Nalini Vijaya Laxmi P. Saritha N. Rambabu V. Himabindu Y. Anjaneyulu, Sonochemical degradation of 2chloro-5methyl phenol assisted by TiO ₂ and H ₂ O ₂ , Journal of Hazardous Materials, Volume 174, Issues 1-3, 15 February 2010, Pages 151-155. ISSN: 0304-3894.
19	Aparna.C , Saritha P , Himabindu V , Alok bhandari , Anjaneyulu Y · Evaluation of bioremediation effectiveness on sediments Contaminated with industrial wastes, International Journal of Environmental Sciences Volume 1, No 4, 2010. ISSN 0976 – 4402.
20	J. Sarada Prasad, Vivek Dhand, V. Himabindu , Y. Anjaneyulu, “Production of hydrogen and carbon nanofibers through the decomposition of methane over activated carbon supported Ni catalysts” , International Journal of Hydrogen Energy 36 (2011) 11702-11711.
21	M. Rajani Rani, D. Sreekanth, V. Himabindu , Degradation of mixture of phenolic compounds by activatedsludge processes using mixed consortia, International journal of energy & environment Vol,2,Issue,1,2011, pp. 151-160.
22	C. Mahender, B.Murali, M.venkateshwara rao, E.L.SantiPriya, S.U.B.Ramakrishna, Y.Anjaneyulu , V.Himabindu , “Synthesis of Titanium Nano rods with LPG as Fuel Oxygen as oxidant in Diffusion Flame Reactor”, Journal of Industrial and Engineering Chemistry, Volume 18, Issue 6, 25 November 2012, Pages 1884-1887. ISSN: 1226-086X.
23	E.L.Santhi priya, C.Mahender, Naga Mahesh, V.Himabindu , Y.Anjaneyulu, “Production of

	hydrogen using composite membrane in PEM water electrolysis”, International journal of Energy and Environment, Vol 3, Issue 5, 2012, pp.731-738. ISSN 2076-2909.
24	T.Raghavendra , K.Srilatha, C. Mahender, M.Elander, T.Vijay lakshi, V.Himabindu , Viswa Prasad, P.Padma savitri, D.Datta and J.Arunachalam. Distribution of uranium concentration in ground water samples from the peddagattu/ nambapur and seripally regions using laser fluorimetry, radiation protection dosimetry 2013;158(3):325-30. ISSN: 1742-3406.
25	V.Viditha, M.Venkateswer Rao, K.Srilatha, V.Himabindu , Anjaneyulu Yerramilli “ A study on metal organic framework (mof-177) synthesis, Characterization and hydrogen adsorption – desorption cycles” International journal of energy and environment, 4, 2013, 127-133. ISSN 2076-2909.
26	M. Venkateswer Rao, K. Amareshwari, V. Viditha, C. Mahender, V Himabindu and Y Anjaneyulu, Flame Synthesis of Carbon Nanorods with / without catalyst, International Journal of Innovation and Applied Studies, Vol. 3 No. 1 May 2013, pp. 1-5. ISSN: 2351-8014.
27	Poodari, Saritha; Golla, Shankaraiah; Bhagawan D.; Vurimindi Himabindu , Assessment of water quality of Peddacheruvu, Sambaiiah cheruvu, Gaddapotharam and Rudraram cheruvu of Medak district, Journal of Engineering Science and Technology Review (2014), 7(1), 137-142
28	Shankaraiah Golla, Saritha Poodari, Nalini Vijayalaximi Pedamalla, D. Bhagawan, Himabindu Vurimindi , Degradation of Rabeprazole-N-oxide in aqueous solution using sonication as an advanced oxidation process. Journal of Environmental Chemical Engineering, 2, 2014, 510-515. ISSN: 2213-3437.
29	C. Mahender, B. Murali, Dr. V. Himabindu , Synthesis of Nano Phase Titanium Dioxide (Tio ₂) In Diffusion, Flame Reactor and It Application in Photocatalytic Reaction, Int. Journal of Engineering Research and Applications, Vol. 4, Issue 2(Version 1), February 2014, pp.209-213. ISSN : 2248-9622.
30	Bhagawan. D, Saritha Poodari, Tulasiram Pothuraju, D. Srinivasulu, Shankaraiah.G, Yamuna Rani. M, V.Himabindu , S. Vidyavathi, Effect of Operational Parameters on Heavy Metal Removal by Electrocoagulation, Environmental Science and Pollution Research, Accepted on 10-07-2014, (2014) 14166–14173. ISSN: 1614-7499.
31	K. Srilatha, D.Srinivasulu, S.U.B. Ramakrishna, V. Himabindu , Thermo catalytic decomposition of methane over Pd/AC and Pd/CB catalysts for hydrogen production and carbon nanofibers formation, International Journal of Engineering Research and Applications ,Vol. 4, Issue 9, September 2014, pp.81-86. ISSN : 2248-9622.
32	K. Srilatha, D. Srinivasulu, S.U.B. Ramakrishna, V. Viditha, and V. Himabindu , Production of Hydrogen and Carbon Nanotubes using Ni SBA-15 Catalyst, International Journal of Innovation and Applied Studies , Vol. 9 No. 1 Nov. 2014, pp. 490-498. ISSN 2028-9324.
33	T. Raghavendra , S.U.B. Ramakrishna, T. Vijayalakshmi , V. Himabindu , J.Arunachalam Assessment of radon concentration and external gamma radiation level in the environs of the proposed uranium mine at Peddagattu and Seripally regions, Journal of radiation on research and applied sciences , Andhra Pradesh, India, Vol. 7 , 2 0 1 4 , pages- 2 6 9-2 7 3.
34	B. Satish Kumar, M. Sivaramakrishnan, N. Chaitanya, Y. Srinivas, V. Himabindu , M. Lakshmi Narasu, Brewery Effluent as the Promising Substrate Source for Hydrogen Production Using Various Mixed Microbial Consortia, International Journal of Science and Research (IJSR), Volume 3 Issue 11, 2014, pages-3052-3058. ISSN (Online): 2319-7064.
35	Siva Ramakrishna.D, D. srikanth, M. shivaramakrishnan, Himabindu.V , Effect of system optimizing conditions on biohydrogen production from herbal wastewater by slaughterhouse sludge, International Journal of Hydrogen Energy, Volume 39, Issue 14, 5 May 2014, Pages 7526–

	7533. ISSN: 0360-3199.
36	Kalyani Gorre and V.Himabindu , Removal of ammoniacal nitrogen by using Albite, Activated Carbon and Resin, International Journal Of Scientific &Engineering Research, volume 6, issue5, May- 2015, ISSN 2229-5518.
37	Bhagawan. D, Saritha Poodari, Gujarathi. Ravi kumar, ShankaraiahGolla, Ch.Anand, Kumara Swamy .Banda, Vurimindi Himabindu , S. Vidyavathi, Reactivation and Recycling of Spent Carbon Using Solvent Desorption Followed by Thermal Treatment (TR), Journal of Material Cycles and Waste Management,17, 2015, 185-193. In press. ISSN: 1611-8227.
38	Yamuna Rani. M, Bhagawan. D, Himabindu.V , Venkateswara Reddy. V, Saritha .P, Preparation and characterization of green bricks using pharmaceutical industrial wastes, 2015 23: 9323–9333, ESPR, ISSN: 0944-1344.
39	K. Srilatha, D. Srinivasulu, S. U. B. Ramakrishna, V. Himabindu , Hydrogen Production Using Thermo Catalytic Decomposition Of Methane On Ni 30 /activated Carbon And Ni 30 /carbon Black, 23 (10) 9303-11, 2015, ESPR, ISSN: 0944-1344.
40	V. Viditha, K. Srilatha, V. Himabindu , Synthesis of Zinc Oxide by Flame Synthesis Method – It's Application for Hydrogen Storage and its Cycling Stability Studies, accepted in ESPR, Aug, 2015, ISSN: 0944-1344.
41	Pooja Kandimalla, Sreekanth Desi, Himabindu Vurimindi , Mixotrophic cultivation of microalgae using industrial flue gases for biodiesel production, 2016; 23(10):9345-54., ESPR ISSN: 0944-1344.
42	Vivek Dhand, S. Bharadwaj, K. Amareshwari, V. Himabindu , Kyong Yop Rhee, Soo-Jin Park, David Hui, Facile, Soot free approach towards synthesis of carbon nanoropes via chemical vapor deposition of acetylene in the presence of MnFe ₂ O ₄ coated on stainless steel, 359 (2015) 797–804, Applied Surface Science, Oct., 2015, ISSN:0169-4332.
43	Chaitanya.N, D. Sivaramakrishna. B. Satish, V.Himabindu , M.Lakshmi narasu, M. Viswanadham, Selection of pretreatment method for enriching hydrogen-producing bacteria using anaerobic sewage sludge with three different substrates 7:2, 163-171, Biofuels, 2015, ISSN: 1759-7269.
44	K. Srilathaa, V.Viditha, V. Himabindu , Ni-SBA-15 Catalysts for Production of Hydrogen and Carbon Nanotubes, Materials Today: Proceedings 2 (2015) 4550 – 4556, ISSN: 2214-7853.
45	D. Bhagawan, Saritha Poodari, Shankaraiah Golla, Vurimindi Himabindu & S. Vidyavathi. Treatment of the petroleum refinery wastewater using combined electrochemical methods, Desalination and Water Treatment, 57(8), 2016, 01-08, ISSN 1944-3994.
46	V. Himabindu & P. Bhramara, Pollution control and energy advanced technologies, Environ Sci Pollut Res. (2016) 23:9249–9250, 2016, ISSN: 0944-1344.
47	G. Shankaraiah, Saritha Poodari, D. Bhagawan, Vurimindi Himabindu , S. Vidyavathi, Degradation of antibiotic norfloxacin in aqueous solution using advanced oxidation processes (AOPs)—A comparative study, Desalination and Water Treatment, 57, 27804-27815, 2016, ISSN 1944-3994.
48	Bhagawan D, P Saritha, G Shankaraiah, M Elander, Himabindu vurimindi Remediation of Contaminated Ground water using sonication: Case study of an industrial area of Hyderabad; India, Published in International Journal of Chemistry and Chemical Engineering, Volume 5 (1), 143- 159, 2016, ISSN: 2248- 9924
49	Kirankumar. Panga, Vijaya Krishna.S, Chaitanya. N, Bhagawan. D, Himabindu.V , Lakshmi Narasu. M, Effect of operational parameters on Biohydrogen production from Dairy wastewater in Batch and Continuous reactors, accepted in Biofuels, 8 (6), 693-699, 2017, ISSN 1759-7269.

50	S. Vijaya Krishna, P. Kiran Kumar, N. Chaitanya, D. Bhagawan, V. Himabindu & M. Lakshmi Narasu, Biohydrogen production from brewery effluent in a batch and continuous reactor with anaerobic mixed microbial consortia, accepted in Biofuels, 8 (6), 701-707, 2017, ISSN: 1759-7269.
51	S.U.B. Ramakrishna, D. Srinivasulu Reddy, S. Shiva Kumar, V. Himabindu , Nitrogen doped CNTs supported Palladium electrocatalyst for hydrogen evolution reaction in PEM water electrolyser, Accepted 26 August 2016, International Journal of Hydrogen Energy, Volume 41, Issue 45, 7 December 2017, Pages 20447–20454, ISSN: 0360-3199.
52	K. Srilatha, V. Himabindu , Comparison Study between Pd/AC and Pd/CB for Simultaneous Production of Hydrogen and Carbon Nanotubes using Thermocatalytic Decomposition of Methane, Nano Trends: A Journal of Nanotechnology and Its Applications, Volume 18, Issue 1, 9303-11, ISSN: 0973-418X, 2016, ISSN: 0360-3199.
53	D. Bhagawan, N. Chaitanya, V. Himabindu , Industrial solid waste landfill leachate treatment using electrocoagulation and biological methods, 68 (2017) 137–142, Desalination and Water Treatment, ISSN 1944-3994.
54	N. Chaitanya, V. Himabindu , M. Lakshmi Narasu, Viswanadham, Strategies For Enhancement Of Bio- Hydrogen Production Using Mixed Cultures From Starch Effluent As Substrate, Biofuels, 9 (3), 2018, 1-12.
55	Bhagawan.D, Saritha.P, Shankaraiah.G, Himabindu.V , Fluoride removal from Groundwater using cylindrical electrocoagulation reactor, accepted for publication in Journal of Water Chemistry and Technology, May 2017, ISSN: 1934-936X.
56	K. Srilatha, D. Bhagawan, V. Himabindu , Thermo catalytic decomposition of methane over Cu-Al ₂ O ₃ and 5-20wt% Ni-Cu-Al ₂ O ₃ catalysts to produce hydrogen and carbon nanofibers, Advanced Material Letters (Advanced Materials Proceedings), 2017, ISSN:0976-397X, 2(1), 35-40.
57	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu , S. Vidyavathi, Photochemical oxidation of antibiotic gemifloxacin in aqueous solutions - A comparative study, published in South African Journal of Chemical Engineering, 8-16, Vol-24, 2017, ISSN: 1026-9185.
58	Shiva Kumar S, Ramakrishna SUB, Srinivasulu Reddy D, Bhagawan D, and Himabindu V , Synthesis of Polysulfone and Zirconium Oxide Coated Asbestos Composite Separators for Alkaline Water Electrolysis, Chemical Engineering & Process Techniques, 3(1): 1035, 1-6, 2017, ISSN: 2333-6633.
59	Yamuna Rani M, Bhagawan D, Saritha P, V. Himabindu , V. Venkateswara Reddy, Treatment of Hazardous Solid Waste Using Solidification and Stabilization Technique, American Journal of Environmental Protection, 6(4): 94-100, 2017; ISSN: 2328-5680.
60	K. Srilatha, D. Bhagawan, S. Shiva Kumar, V. Himabindu , Sustainable Fuel Production by Thermocatalytic Decomposition of Methane using Ni/ZnO Catalyst, Nano Trends: A Journal of Nanotechnology and Its Applications, 19 (2),1-7, ISSN: 0973-418X.
61	Srilatha K, Bhagawan D, Shiva K S, Himabindu V , Sustainable Fuel Production by Thermocatalytic Decomposition of Methane – A Review, South African Journal of Chemical Engineering, 24 (2017) 156- 167, ISSN: 1026-9185.
62	S. Shiva Kumar, S.U.B. Ramakrishna, D. Bhagawan, V. Himabindu , Preparation of Ru _x Pd _{1-x} O ₂ electrocatalysts for the oxygen evolution reaction (OER) in PEM water electrolysis, Ionics, 1-9, 2017, ISSN: 0947-7047.
63	K. Srilatha, D. Bhagawan and V. Himabindu , Production of Hydrogen via Thermocatalytic Decomposition of Methane using Ni/ZnO catalyst, Journal of Research in Science, Technology, Engineering and Management, 3 (2), 21-25, 2017, ISSN: 2456-0197.
64	K. Srilatha, D. Bhagawan, S. Shiva Kumar, V. Himabindu , Thermocatalytic Decomposition of

	Methane for Sustainable Hydrogen Production using Ni/ZnO and Ni/MgO Catalyst, Journal of Nanoscience, Nanoengineering & Applications, ISSN: 2321-5194, 7 (3), 10-19, 2017.
65	S. Shiva Kumar, S.U.B. Ramakrishna, S. Vijaya Krishna, K. Srilatha, B. Rama Devi, V. Himabindu , Synthesis of Titanium (IV) oxide composite membrane for Hydrogen Production through alkaline water electrolysis published in South African Journal of Chemical Engineering, 2018, 25, 54- 61, ISSN: 1026-9185.
66	S. Shiva Kumar, S.U.B. Ramakrishna, V. Himabindu , Phosphorus doped carbon nanoparticles supported palladium electrocatalyst for the hydrogen evolution reaction (HER) in PEM water electrolysis, 24, 10, 3113–3121, Ionics, ISSN: 0947-7047.
67	K. Srilatha, D. Bhagawan , D.Srinivasulu, V. Himabindu , Comparison study between Ni/TiO ₂ and Ni/Flame synthesized TiO ₂ catalysts for hydrogen production using thermocatalytic decomposition of methane, published in South African Journal of Chemical Engineering , 25, 91–97, 2018, ISSN: 1026-9185.
68	Kiran Kumar Panga, Pooja kandimalla, Vijaya Krishna S, Kavita Verma, Bhagawan D, Himabindu V , Phycoremediation of Sewage Wastewater and Industrial Flue Gases for Biomass Generation from Microalgae accepted for publication in South African Journal of Chemical Engineering, 25, 133-146, 2018, ISSN: 1026-9185.
69	S. Shiva Kumar, S.U.B. Ramakrishna, B. Rama Devi & V. Himabindu , Phosphorus-doped graphene supported palladium (Pd/Pd) electrocatalyst for the hydrogen evolution reaction in PEM water electrolysis published in International Journal of Green Energy, 15 (10), 5588-567 ISSN: 1543-5083.
70	P. Kiran Kumar, S. Vijaya Krishna, Kavita Verma, K. Pooja, D.Bhagawan, K.Srilatha, V. Himabindu , Bio oil production from Microalgae via Hydrothermal Liquefaction Technology under Subcritical Water Conditions accepted for publication in Journal of microbiological methods on Sep. 2018.

NATIONAL RESEARCH PUBLICATIONS

S.No	Details of the Research publication
1	Vivek Dhand, J.S.Prasad, M.Venkateswer Rao, K. Naga Mahesh, L. Anupama, V.Himabindu, Y. Anjaneyulu, V.S.Raju, and A.A.Sukumar, “Design and Development of Flame reactor unit for Carbon Nanorods (CNRs) Production,” Indian Journal of Engineering & Materials Sciences, Vol 14, June 2007 pp. 235-239.
2	Vasanth Laxmi Maddhinni, HimaBindu Vurimindi , prameela devi .M Anjaneyulu Yerramilli. “Isolation and characterization of a-amylase from Bacillus subtilis under soluble and immobilized condition” Indian journal of comparative Animal Physiology.Vol. 24, No. (1): 2006: 20-28
3	Vasanth Laxmi Maddhinni, HimaBindu Vurimindi And Anjaneyulu Yerramilli, Degradation of azo dye with horse radish peroxidase (HRP). Journal of the Indian Institute of Science. Vol. 86, No. (5): 2006 : 507-514
4	M. Vasanth Laxmi, K. Subba Reddy, V. Himabindu , S.S. Vutukuru and Y. Anjaneyulu. Phenol degradation by pure and mixed cultures of arthobacter, mycobacterium and pseudomonas in flask cultures and spiked soil samples. Asian journal of microbiology, biotechnology and environmental science. Vol. 9, No. (3): 2007 : 607-613

5	D.Sreekanth, D.Sivaramakrishna, V.Himabindu , Y.Anjaneyulu, Biodegradation of phenolic Compounds by using mixed consortia in lab scale upflow anaerobic sludge blanket reactor, The Icfai University Press, Environmental Journal of Icfai University.(2008) Vol-2, No. 4, pp. 7-23.
6	Thermocatalytic Decomposition of Methane on Commercial Carbons J.S. Prasad, Vivek Dhand, V. HimaBindu , Y. Anjaneyulu. Vol-1 Nov 2007. pp. 39-43
7	Discoloration and Mineralization of Lissamine Green-B Dye Using Fenton and PhotoFenton Processes, N.Rambabu, P.Saritha ,Ch.Rajani, K.Rajasekhar, V Himabindu , Y.Anjaneyulu, Journal of Technology Spectrum (2008) Vol-2 March 2007. pp. 37—42
8	Comparison Of Production Of Rhamnolipid Biosurfactant By Two Different Strains Of Pseudomonas Aeruginosa Using Various Economical Nutrient Sources. Accepted for The Icfai University Press, Environmental Journal of Icfai University.
9	<u>J. Sarada</u> Prasad, B. Radhika, M. Venkateswara Rao, V.Himabindu , Y.Anjaneyulu, “Thermo Catalytic Decomposition of Methane on Carbon Catalysts: A Comparative Study”, The Icfai University Journal of Environmental Sciences, Vol. III, No. 2, pp. 52-59, May 2009.

International and National Conference Publications	
S. No	Details of the international conference publication
1	Removal of colour from industrial effluents by using waste biomass and reagent loaded polyurethane foams” by V. Himabindu and Prof. Y.Anjaneyulu .Proceedings of the International Conference on Industrial pollution and control technologies, 17-19 Nov. 1997, Hyderabad.
2	Low cost mixed adsorbents for the removal of basic dye colour from Industrial effluents” by Y. Anjaneyulu & V. HimaBindu . “International Seminar on Analytical Techniques in Monitoring the Environment” to be held at S.V. University, Tirupati, India, in Dec.18-20, 2000.
3	A novel approach for the conservation and management of industrially Isnapur lake by integrating with combined waste water treatment and sub-surface wetland system” by Sesha Srinivas VutuKuru, V. HimaBindu , Valli Manickam, T. Vijaya lakshmi, D. Suman Raj, C. Jyostna, Ch. Mohana Vamshi and Y. Anjaneyulu. World Water Week in Stockholm August 11-17, 2002.
4	V.Himabindu , Srinivas.S.Vutukuru, D.S.Suman Raj And Y.Anjaneyulu Municipal Solid Waste Management Practices In Various Municipalities Of Andhra Pradesh – A Case Study From the Indian Sub-Continent. “The Eighteenth International Conference on Solid Waste Technology and Management” March 23-26, 2003, Philadelphia, PA, USA.
5	Samuel Suman Raj D, Zareen Khan, V. Himabindu and Y. Anjaneyulu. In Situ bioremediation studies on highly polluted lake sediments in and around Hyderabad chemical industrial zone. “The seventh International Symposium on Bioremediation” to be held during June 2-5 th , 2003, Orlando, Florida.
6	V. Himabindu , P. Sobha, I. Jayakumar, & Y. Anjaneyulu “ Urban population explosion and environmental consequences – a case study of Hyderabad” World conference on Disaster Management Infrastructure and Control Systems held at Hyderabad during 10-12 November 2003.

7	Y. Anjaneyulu, I. Jayakumar, V. Mukund, P.V. Sagaraswara Rao, V. Himabindu , K.V. Ramani & N. Rambabu “Multi objective air quality monitoring sites and online air pollution monitoring station for total health risk assessment in Hyderabad” First International symposium on Recent advances in Environmental Health Research. Held at Jackson, Mississippi, USA at Crowne-Plaza Hotel, September 19-22, 2004
8	J.S. Prasad, Vivek Dhand, V. HimaBindu , Y. Anjaneyulu – Ethanol Reforming For Hydrogen Production over ZnO Catalysts. Paper presented in The World Hydrogen Technologies Convention (WHTC), 3 – 6 October 2005, Singapore.
9	Mr.Vivek Dhand, Mr.J.S.Prasad, Dr. V.Himabindu and Y.Anjaneyulu, Dr. J. V. Ramana Rao and Dr.K.V.Sharma: Carbon Nanotube Production by Flame Synthesis – A Theoretical Analysis, Paper presented at International Conference on Nanomaterials, Nano – 2005, July 13 – 15 2005, organized byMEPCO Engineering College, Sivakasi, Tamil Nadu.
10	Vivek Dhand, J.S.Prasad, I. JayaKumar, V. Himabindu and Y. Anjaneyulu, Flame Synthesis – A Process for the Production of Carbon Nanotubes, Material for Hydrogen Storage. Presented in International Conference On Solid State Hydrogen Storage Materials and Applications, January 31 – February 1, 2005. Organized by ARCI, Hyderabad.
11	Vivek Dhand, J.S.Prasad, I.Jaya Kumar, V.Hima Bindu and Y.Anjaneyulu, Carbon nano tubes – A promising material for hydrogen storage, Presented in International Symposium on Utrapure material processing, Charecterisation and applications (ISUPM- 2004), 22 – 23, November 2004, C-MET, Hyderabad
12	Vivek Dhand, Prasad J.S, Anupama L, Naga Mahesh K, Venkatesw Himabindu V and Anjaneyulu Y, Raju.V.S, Sukumar. S, Carbon Nanotubes – Material, presented at IUPAC Sponsored Second International Conference in Green/Sustainable Chemistry 10-13 th January, 2006.
13	D.Sivaramakrishna, D.Sreekanth, V.Himabindu *, M.Lakshmi Narasu, Y.Anjaneyulu International workshop on biohydrogen production Technology in iit kharagpurEffect of Thermophillic temperature on biohydrogen production from rice brawn de-oiled waste water by selectively enriched slaughterhouse sludge (2007).
14	M.Venkateswer Rao, V.Viditha, K.Naga Mahesh, J.Sarada Prasad, V.Himabindu and Anjaneyulu Yerramilli, “Hydrogen adsorption studies on Lithium intercalated Carbon nanoparticles (CNPs)” Presented a Paper at World Hydrogen Technologies Convention – 2009, New Delhi, India
15	K.Naga Mahesh, C.Mahender, J.Sarada Prasad, M.Venkateswer Rao, V.Himabindu , Anjaneyulu Yerramilli and P.Raghunathan Rao. “Performance of Activated Carbon and Carbon black support for Palladium electrocatalyst (hydrogen electrode) in a single cell proton exchange membrane water electrolyser (PEMWE)”. Presented a Paper at World Hydrogen Technologies Convention – 2009, New Delhi, India
16	D.Sivaramakrishna, D.Sreekanth, V.Himabindu , M.Lakshmi Narasu, Y.Anjaneyulu “Effect of Thermo-acidic conditions on biohydrogen production from fruit juice wastewater by selectively enriched slaughterhouse sludge”. Presented at the WHTC2009 held during august 26-28 in New Delhi, India
17	D.Sivaramakrishna, D.Sreekanth, V.Himabindu , M.Lakshmi Narasu, Y.Anjaneyulu, “Effect of system optimizing conditions on biohydrogen production from herbal wastewater by slaughterhouse sludge”. Presented at ISOHM held during December 11-15 th Chennai.
18	D.Sivaramakrishna, D.Sreekanth, V.Himabindu , M.Lakshmi Narasu, Y.Anjaneyulu, “Effect of system optimizing conditions on biohydrogen production from herbal wastewater by slaughterhouse sludge”. Presented at ISOHM held during December 11-15 th Chennai

19	D.Sreekanth, D.Sivaramakrishna, V.Himabindu , B.Venkateswarulu. Biodiesel production from micro algae by using domestic sewage in shake flask cultures. International conference on Algal biomass, resources and utilization. Presented at Stella mary college held during November 3 rd to 6 th 2009 Chennai.
20	K.Naga Mahesh, C.Mahender, M.Venkateswer Rao, J.Sarada Prasad, V.Himabindu , Anjaneyulu Yerramilli and P.Raghunathan Rao, “Palladium on Carbon nanomaterials and Carbon black support as hydrogen electrode (Cathode) in a single cell PEM electrolyser”, Presented paper at ISOHIM, 11 – 13, December 2009, at IIT Madras, Chennai.
21	M.Venkateswer Rao, V.Viditha, K. Naga Mahesh, J. Sarada Prasad, V.Himabindu and Anjaneyulu Yerramilli, “Flame Synthesized Iron catalyzed Carbon nanomaterials (CNMs) for Hydrogen absorption studies”, Presented paper at ISOHIM, 11 – 13, December 2009, at IIT Madras, Chennai.
22	E.L.Santhi priya, C.Mahender, V.Viditha, K.Naga Mahesh, V.Himabindu , Y.Anjaneyulu, “Composite Membrane For Hydrogen Production Production as a Clean Fuel Using PEM Water Electrolyser ” Presented paper at ICEM, 25 – 28, October 2010, at JNTUH, Hyderabad. ISBN No. 978-81-7800-252-1.
23	V.Viditha, E.L.Santhi priya, C.Mahender, K.Naga Mahesh, V.Himabindu , Y.Anjaneyulu, “Hydrogen Storage studies on MOF-177 ” Presented paper at ICEM, 25 – 28, October 2010, at JNTUH, Hyderabad. ISBN No. 978-81-7800-252-1.
24	C. Mahender, S. U. B. Ramakrishna, K. Pooja, G. Kalyani, V. Anusha, K. Srilatha, M. Sivaramakrishnan, V. Himabindu* , T. Vijaya Lakshmi “Analysis of Radio nuclides and Trace Metals in Environmental Matrices and Food Samples in Uranium Mining Site”. Presented paper at ICEM, 25 – 28, October 2010, at JNTUH, Hyderabad. ISBN No. 978-81-7800-252-1.
25	Shankaraiah Golla, Nalini Vijayalaximi Pedomalla, Saritha Poodari, Himabindu Vurimindi* and Anjaneyulu Yerramilli Sonochemical Oxidation of Rabeprazole-N-Oxide in Aqueous Solutions. Presented paper at ICEM, 25 – 28, October 2010, at JNTUH, Hyderabad. ISBN No. 978-81-7800-252-1.
26	M. Sivaramakrishnan, B.Satish Kumar, D.Sivaramakrishna, A.Kavitha, V.Himabindu* and M.Lakshmi Narasu “Biohydrogen production from sewage wastewater by using upflow anaerobic sludge blanket reactor” presented at In CoFIBS- 2010, 1-3 October 2010, Department of Life Science, National Institute of Technology, Rourkela, India
27	B. Satish Kumar, M.Sivaramakrishnan, D.Sivaramakrishna, A.Kavitha, V.Himabindu* , M.Lakshmi Narasu “Hydrogen production from the fermentation of rice husk wastes with acidification pretreatment process” presented at InCoFIBS- 2010, 1-3 October 2010, Department of Life Science, National Institute of Technology, Rourkela, India.
28	Naga Mahesh, V.Himabindu , Presented paper titled “Palladium supported on Carbon nanomaterials and Carbon black as cathode electrocatalyst for a single cell PEM electrolyser” in International Conference on Advanced Materials (ICAM), December 12-16 (2011), Coimbatore, Tamil Naidu.
29	V.Himabindu , Presented paper titled “Hydrogen Production Using PEM Water Electrolyser and Hydrogen Adsorption On Carbon Nanomaterials” in Indian Association for the Cultivation of Science (IACS) at Kolkata, January (2012).
30	V.Himabindu , Presented paper titled “Studies on Growth and Lipid Production of Microalgae Chlorella Vulgaris and Botryococcus Braunii at Different CO ₂ Concentrations In Culture Flasks And Raceway Ponds” in International Algal summit – “Algae for Sustainable Development” from 21-22 nd February (2012), New Delhi

31	E.L.Santhi priya, K.Naga Mahesh, V.Himabindu , Y.Anjaneyulu., “hydrogen production by using compositemembrane (nafion/zro ₂)-basedsolid polymer electrolyte water electrolyser”,4 th International Conference on Advanced Nano Materials, ANM 2012, Indian Institute of Technology, Madras,Chennai, India, October 17 th – 19 th , 2012.
32	D. Sivaramakrishna, D. Sreekanth, M. Sivaramakrishnan, B.Satish kumar, V. Himabindu [*] , M. Lakshmi Narasu. Effect of system optimization conditions on biohydrogen production from herbal wastewater by slaughterhouse sludge, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
33	V. Viditha, K. Srilatha, M. Venkateswer rao, V. Himabindu and Anjaneyulu Yerramilli. Synthesis and characterization of metal organic framework (MOF-5) for use in Hydrogen storage, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
34	B. Satish kumar, M. Sivaramakrishnan, V. Himabindu [*] , M. Lakshmi Narasu. Optimization of biohydrogen production from brewery effluent using sewage mixed consortia at different scales, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
35	M. Sivaramakrishnan, B.Satish kumar, S. U. B Ramakrishna, V. Himabindu [*] , M. Lakshmi Narasu.The sustainable hydrogen generation in an microbial electrolysis cell by using the effluent from the hydrogen fermentation system, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
36	Y. Srinivas, N.Chaitanya, V. Himabindu [*] , M. Lakshmi Narasu. Fermentative hydrogen production from dairy waste water using anaerobic mixed micro flora, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
37	N.Chaitanya,Y. Srinivas, V. Himabindu ^{1*} , M. Lakshmi Narasu. Feasibility study on fermentative conversion of raw and pretreated starch to hydrogen using anaerobic mixed micro flora, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
38	K. Venkateswar Reddy, T. Vijayalakshmi, M. Sivarama Krishnan, V. Himabindu [*] , M. Lakshmi Narasu. Isolation and characterization of biohydrogen production cellulolytic bacteria, International conference on Advances in Biological Hydrogen Production and Applications. 14-15 December 2012, JNTUH, India.
39	T.Raghavendra, K.Srilatha,C.Mahender, Elender, T.Vijayalakshmi, V.Himabindu , K.Vishwa Prasad, P.Padma Savithri, D.Datta, J.Arunachalam, Estmation of Polonium Concentration in Ground water Samples from the Peddagattu/Nambapur and Seripalli regions using Alpha-Spectrophotometry, International conference on Po and Radioactive Pb Isotopes (INCO-PoPb-2013) , February 10-13,2013.
40	Yamuna Rani. M, Bhagawan.D, Himabindu.V , Venkateswara Reddy.V, Manufacturing of Eco-environmental Bricks Containing Lake Sediment: Hussain Sagar, India, International Society of Waste Management, Air and Water (ISWMAW), ANGRU, Hyderabad, 28-30 th Jan-2014. ISBN 81-86862-49-8.
41	Bhagawan. D, Saritha Poodari, Kumara Swamy. Banda, Ravi Kumar, Ch. Anand, Shankaraiah Golla, Vurimindi Himabindu , S. Vidyavathi, Treatment of Solid Waste Using Solidification and Stabilization Technique, International Society of Waste Management, Air and Water (ISWMAW), ANGRU, Hyderabad, 28-30 th Jan-2014. ISBN 81-86862-49-8.

42	K. Srilatha, V.Viditha, V. Himabindu , Y. Anjaneyulu, Production of hydrogen and carbon nano tube using Ni-SBA-15 catalyst, International Conference on Nanoscience and Engineering Applications-2014. During 26-28 June-2014 at JNTUH. ISBN:978-81-924726-2-1
43	Kalyani Gorre and V.Himabindu , Biodegradation of Ammonical Nitrogen Using Two Step Activated Sludge Process, International conference on Hydrology & watershed Management. 29 th October – 1 st November 2014 at JNTUH.
44	Kalyani Gorre and V.Himabindu , Ammonical Nitrogen Removal from Synthetic Waste Water by using Albite, Activated Carbon and Resin, International conference on Hydrology & watershed Management. 29 th October – 1 st November 2014 at JNTUH.
45	K.Pooja, D.Sreekanth, S.Shakeela Banu and V.Himabindu , Treatment of Dairy Wastewater Using Microalgae Botryococcusbraunii for Simultaneous Lipid Production, International conference on Hydrology & watershed Management. 29 th October – 1 st November 2014 at JNTUH.
46	S.Shakeela Banu, G.shankaraiah, V.Himabindu and K.Ramamohan Reddy, Preliminary Studies on Removal of Chemical Oxygen Demand from Pharmaceutical Wastewater using Photo-Catalysis, International conference on Hydrology & watershed Management. 29 th October – 1 st November 2014 at JNTUH.
47	K.Pooja, V.Himabindu , Mixotropic growth of microalgae using industrial flue gases for biodiesel production, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
48	C.Mahender, E.L.Santhi priya, B.Murali, V.Himabindu , Synthesis of nano-phase TiO ₂ composite membrane (nafion/ TiO ₂) and its application in PEM water electrolysis cell, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
49	E.L.Santhi priya, C.Mahender, V.Viditha, V.Himabindu , Y.Anjaneyulu, Hydrogen Production by using Composite Membrane (Nafion/Al ₂ O ₃) in PEM water electrolysis, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
50	S.U.B.Ramakrishna, D.Srinivasulu Reddy, V.Himabindu , Performance Studies of Oxygen Evolution Reaction of Ru _{0.7} Mn _{0.3} O ₂ and Pd _{0.7} Mn _{0.3} O ₂ as anode electro catalysts in Proton Exchange Membrane (PEM) water electrolysis, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
51	K.Srilatha, D.Srinivasulu, S.U.B.Ramakrishna, V.Himabindu , Hydrogen Production Using Thermo Catalytic Decomposition of Methane on Ni30/Activated Carbon and Ni30/Carbon Black , International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
52	D.Srinivasulu, S.U.B.Ramakrishna, K.Srilatha, D.Ravikumar, V.Himabindu , P.Bhramara, Synthesis and Performance of Pd/CNT's as hydrogen electrode and Pd-RuO ₂ as Oxygen electrode for unitized regenerative fuel cell (URFC), International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
53	V.Viditha, K.Srilatha, V.Himabindu , Synthesis of Zinc Oxide by Flame Synthesis Method – It's Application for Hydrogen Storage and its Cycling Stability Studies, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7

54	T.Raghavendra, K.Srilatha,T.Vijayalakshmi, V.Himabindu , K.Vishwa Prasad, J.Arunachalam, Assessment of natural radionuclide concentration in ground water around the proposed uranium mine at Peddagattu and Seripally regions, Nalgonda, India, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
55	Haritha.A, Bhagwan.D, Saritha.P, Shankariah.G, Himabindu.V , Phenol reduction from Petroleum Refinery Wastewater (PRW) using Electrochemical Techniques, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
56	Tulasiram. P, Bhagawan. D, Saritha. P, Shankaraiah. G, V. Himabindu , Heavy Metal removal from electroplating industry waste water using Electrochemical method , International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
57	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu* , S. Vidyavathi, Degradation of Norfloxacin in aqueous solution using advanced oxidation processes (AOPs). A comparative study, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
58	S. G. Sowjanya, V. Himabindu* , C. Sarala, Diffusion dialysis technology is a tool for the recovery of high concentration of hydrochloric acid from wastewater, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
59	Shakeela banu. S, Bhagawan. D, Kalyani. G, Asmeen Begum, V. Himabindu , K. RamaMohan Reddy, Degradation Of Sulbactam Sodium Antibiotic Using Electro Oxidation Method, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
60	D. Sreekanth, Shaik Shakeela Banu, D. Siva Ramakrishna, G. Kalyani, V. Himabindu , Anaerobic treatment of wastewater containing N-triphenyl -5-[41- (bromo methyl) bi phenyl -2-yl] tetrazole by using Up flow anaerobic sludge blanket reactor (UASB), International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
61	M. Rajani Rani, Dr. V. Himabindu , A performance evaluation of three bioreactor systems: Activated sludge Process reactor(ASP), upflow anaerobic sludge blanket reactor (UASB) and rotating biological contactor (RBC), International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
62	Kalyani Gorre , Dr. V. Himabindu , Application of Diatomite for Ammoniacal Nitrogen Removal from Synthetic Waste Water, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
63	D. Bhagawan, Saritha Poodari, Ch. Anand, Shankaraiah Golla, Vurimindi Himabind Traffic Noise Level Assessment In Ranga Reddy District, India, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
64	Yamuna Rani. M, Bhagawan. D, Himabindu.V , Venkateswara Reddy. V, Utilization Of Industrial Waste For Brick Production Using Solidification/stabilization Technique, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7

65	Chaitanya. N, Himabindu.V , Lakshmi narasu, M.Viswanadham, Effect Of Inoculum Treatment Methods For Enriching Hydrogenproducing Bacteria From Anaerobic Sewage Sludge, International Conference on Environment and Energy-2014 [ICEE-2014].15-17 th December 2014 at JNTUH. ISBN: 978-93-81212-96-7
66	SUB Ramakrishna, S. Shiva Kumar, D. Srinivasulu Reddy, V. Himabindu , Synthesis and performance studies of nitrogen doped CNTs supported Palladium at different weight percentage loading on MEA in PEM water electrolysis, International Congress On Recent Advances In Chemistry And Chemical Engineering-2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
67	S. Shiva Kumar, S.U.B. Ramakrishna, D. Srinivasulu Reddy, V. Himabindu , Synthesis of Polysulfone and zirconium oxide coated asbestos composite separators for alkaline water electrolysis, International Congress On Recent Advances In Chemistry And Chemical Engineering-2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
68	S.G.Sowjanya, Ch. Sri Sai Lakshmi, Dr.V. Himabindu , Dr. C. Sarala, Recovery of hydrochloric acid from synthetic water using Diffusion dialysis Technology, International Congress on Recent Advances in Chemistry and Chemical Engineering 2016 [ICRACACE -2016], 11-13 July 2016 At JNTUH.
69	K.Srilatha, D. Bhagawan, D.Srinivasulu, V.Himabindu , Comparison study between Ni/TiO ₂ and Ni/Flame synthesized TiO ₂ catalysts for hydrogen production using thermocatalytic decomposition of methane. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
70	K.Srilatha, D. Bhagawan, D.Srinivasulu, V.Himabindu , Hydrogen production over carbon catalysts using thermocatalytic decomposition of methane-Regeneration study. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
71	N.Chaitanya, V.Himabindu , M.Lakshmi Narsu, M.Vishwanadham, Reuse of dark fermentation effluent for the improvement of biohydrogen production by Photo fermentation process. 4 th 3R International conference on Material Cycles and Waste Management, March 8 th -10 th 2017, New Delhi, India.
72	K.Srilatha, D. Bhagawan, D.Srinivasulu, V.Himabindu , Thermocatalytic decomposition of methane for hydrogen production using Ni/MgO catalyst. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th March 2017, at JNTUH. 35-41 ISBN: 978-93-85518-10-2.
73	S. Shiva Kumar, S. U. B. Ramakrishna, D.Srinivasulu, V.Himabindu , Performance evolution of PdRuO ₂ as anode electrocatalyst for the oxygen evolution reaction (OER) in PEM water electrolysis. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 496- 504 ISBN: 978-93-85518-10-2.
74	S. U. B. Ramakrishna, S. Shiva Kumar, D.Srinivasulu, V.Himabindu , Performance studies of sulfur doped carbon nanomaterial's supported palladium as Hydrogen Evolution Reaction (HER) electrocatalyst on cathode in Proton Exchange Membrane (PEM) water electrolysis. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 505- 512 ISBN: 978-93-85518-10-2.
75	B. Satish Kumar, N. Chaitanya, Anjaeyulu. M, Himabindu.V , Lakshmi Narasu, biohydrogen production studies on bacillus subtilis isolated from anaerobic sewage sludge. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 592- 598 ISBN: 978-93-85518-10-2.

76	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu , S. Vidyavathi, Degradation of Antibiotic moxifloxacin using advanced oxidation Process (AOPs) in aqueous solutions, International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 618- 627 ISBN: 978-93-85518-10-2.
77	S. Vijaya Krishna, P. Kiran Kumar, N. Chaitanya, G. Shankaraiah, D. Bhagawan, V. Himabindu & M. Lakshmi Narasu, Biohythane production from synthetic waste water using anaerobic mixed microbial culture in upflow anaerobic sludge blanket reactor. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 653- 658 ISBN: 978-93-85518-10-2.
78	C. Mahender, V. Himabindu , synthesis of nano phase titanium dioxide (TiO ₂) in diffusion flame reactor and it application in photo-catalytic reaction. . International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 673- 680 ISBN: 978-93-85518-10-2.
79	N. Chaitanya, B. Satish Kumar, D.Bhagawan, S. Vijaya Krishna, P. Kiran Kumar, V. Himabindu , Lakshmi Narasu, M. Viswanadham, substrate suitability study for the biohydrogen production using hot spring mixed consortia. International conference on biotechnology and bioengineering-trends ICBT-2017, 23 rd -25 th march 2017, at JNTUH. 736- 743 ISBN: 978-93-85518-10-2.
80	Shakeela bhanu, V. Himabindu , K Ramamohan Reddy, Behaviour of sulbactam sodium to electro oxidation method, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 112- 119, ISBN: 978-93-86819-50-5.
81	G. Shankaraiah, P. Saritha, D. Bhagawan, S. Vijaya Krishna, P. Kiran kumar, V. Himabindu , S. Vidyavathi, Degradation of antibiotic ciprofloxacin using photo fenton process: A comparative study, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 113- 183, ISBN: 978-93-86819-50-5.
82	V. Chandan, D. Bhagwan, K. Srilatha, G. Shankaraiah, V. Himabindu , Chloro pesticide industry wastewater treatment using electrochemical process, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 223- 229, ISBN: 978-93-86819-50-5.
83	R. Madhavi, K. Srilatha, D. Bhagawan, V. Himabindu , Electrocoagulation (EC) for removal of metals from industrial wastewater, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 272-280, ISBN: 978-93-86819-50-5.
84	N. Chaitanya, B. Satish, D. Bhagawan, S. Vijaya Krishna, P. Kiran kumar, V. Himabindu , M. Lakshmi Narasu, M. Vishwanadham, Hydrogen gas production from Dairy wastewater by dark fermentation, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 470- 477, ISBN: 978-93-86819-50-5.
85	Ch. Sri sai Lakshmi, G. Sowjanya, K. Srilatha, D. Bhagawan, V. Himabindu , Recovery of acid from chloro pesticide and electroplating industrial waste water by diffusion dialysis technique, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 326- 341, ISBN: 978-93-86819-50-5.
86	Y. Sathwika, K. Srilatha, D. Bhagawan, V. Himabindu , Gasification of Biomass, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 416- 427, ISBN: 978-93-86819-50-5.
87	Vijaya Krishna, P. Kiran kumar, N. Chaitanya, G. Shankaraiah, D. Bhagawan, K. Srilatha, V. Himabindu , M. Lakshmi Narasu, Hythane production from distillery spent wash in a single stage

	reactor, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 428- 432, ISBN: 978-93-86819-50-5.
88	K. Srilatha, D. Bhagawan, V. Himabindu , Gasification and pyrolysis of municipal solid waste, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 433- 438, ISBN: 978-93-86819-50-5.
89	S. Shiva kumar, SUB Ramakrishna , D. Srinivasulu, V. Himabindu, Synthesis and performance evaluation of P-CNM's supported palladium electrocatalyst for hydrogen evolution reactor in PEM water electrolysis, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 439- 448, ISBN: 978-93-86819-50-5.
90	P. Kiran kumar, S. Vijaya Krishna, K. Pooja, G. Shankaraiah, D. Bhagawan, V. Himabindu , Utilization of industrial flue gas for the cultivation of microalgae in auto matic mode for biomass production, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 449- 453, ISBN: 978-93-86819-50-5.
91	SUB. Ramakrishna, S. Shiva kumar, D. Srinivasulu, V. Himabindu , Performance studies of nitrogen doped CNT's supported palladium as membrane electrodes assembly for hydrogen production in anion exchange membrane (AEM) water electrolysis, 3 rd International conference on environmental management (3 rd ICEM-2017), during 28 th -30 th , Nov., 2017, at Hyderabad, 454- 462, ISBN: 978-93-86819-50-5.
92	K.Sriatha, D.Bhagawan, V. Himabindu , Pyrolysis Study of Garden Waste: Comparative Study of Subabul Leaves (Leucaena Leucocephala) and Neem Leaves (Azadirachta Indica), Global Waste Management 2017, Icon SWM2017, held on 15 th to 17 th , Dec. 2017, at PJTSAU.

National conference publications:

NATIONAL conference PUBLICATIONS:-	
S.No	Details of National research publications
1	Online pollution monitoring station in Hyderabad by Anjaneyulu.Y, Jayakumar. I, Himabindu.V , Mukund Rao, P.V, Sagaraswara Rao.G, T.H.Rao, Ramani, K.V. National conference on advances in environment Sciences & Engineering Dec 8-9,2003, IIT Mumbai.
2	Removal of yellow disperse dye from textile industrial effluents by coagulation by V.Himabindu & P.Saritha. Presented at the National seminar EPIRAM held at NGRI, Hyderabad, in July 6 th and 7 th , 2001
3	Treatment of Pharmaceutical effluent by physico chemical methods” by V.Himabindu & M.Shanti. Presented at the National Seminar EPIRAM held at NGRI, Hyderabad, in July 6 th and 7 th , 2001.
4	Studies on the application of low cost material for the removal and recovery of colored organics from industrial effluents” by K.M.Shaw, V.Himabindu and Y.Anjaneyulu. Presented at all India work shop on “Pollution Control Strategies for environment protection”, organized by Institute of engineers (India), Hyderabad on June 5-6, 1996
5	Removal of basic dye (Malachite green) from textile industrial effluents, using dead biomass Koji (Aspergillus niger) by V. Himabindu & Y. Anjaneyulu. Presented at seminar on Environmental Science curriculum development at UG and PG level organised by Osmania University, Hyderabad, India on Dec.11 th 1996.
6	Silicon Oxide Nafion Composite Membranes for Hydrogen Generation by Solid Polymer Electrolyte Water Electrolysis; E.L.Santhi priya, C.Mahender, V.Viditha, V.Himabindu , Y.Anjaneyulu;

	Accepted in “National conference on Nano science, nano engineering and applications” to be held on 27 th & 28 th of April 2012
7	Synthesis of Nano phase Carbon doped TiO ₂ (C-TiO ₂) using Diffusion Flame reactor and photocatalytic application; C.Mahender, E.L.Santhi priya, G. Shankar, V.Himabindu , Y.Anjaneyulu; Accepted in “National conference on Nano science, nano engineering and Applications” to be held on 27 th & 28 th of April 2012
8	Hydrogen storage studies of Lithium Intercalated and Non-Lithium Intercalated of metal Organic framework (MOF-5), V.Viditha, E.L.Santhi priya, C.Mahender, V.Himabindu , Y.Anjaneyulu; Accepted in “National conference on Nano science, nano engineering and applications” to be held on 27 th & 28 th of April 2012
9	S.U.B Ramakrishna, D.Srinivasulu Reddy, C.Mahender, P. Bhramara, V.Himabindu , Performance studies of Oxygen Evolution Reaction of RuO ₂ and MnO ₂ as anode electro catalysts in Proton Exchange Membrane, National Conference on Renewable and Sustainable Energy, IST, JNTUHCEH, 27th and 28th June, 2014.
10	K.Srilatha, S.U.B.Ramakrishna, and V.Himabindu , Thermo catalytic decomposition of methane over Pd/AC and Pd/CB catalysts for hydrogen production and carbon nano fibers formation, National Conference on Renewable and Sustainable Energy, IST, JNTUHCEH, 27th and 28th June, 2014.
11	K. Pooja, V. Himabindu , Algae Lipid Production Using Industrial Flue Gases, National Conference on Renewable and Sustainable Energy, IST, JNTUHCEH, 27th and 28th June, 2014.
12	N. Chaitanya, B. Satish kumar, M. Sivaramakrishnan, V. Himabindu , M. Lakshmi Narasu, Studies on dairy effluent as the substrate for bio hydrogen production using three different microbial cultures, National Conference on Renewable and Sustainable Energy, IST, JNTUHCEH, 27th and 28th June, 2014.
13	Pardha Saradhi Pavuluri, Kiran Kumar Panga, V. Himabindu and M. Lakshmi Narasu, Investigation of artificial Co-culture of Bacillus sps., for enhanced hydrogen production. National Conference on Renewable and Sustainable Energy, IST, JNTUHCEH, 27th and 28th June, 2014.
14	N. Chaitanya, M. Viswanatham, M. Lakshmi narasu, V. Himabindu , Screening by optimizing operational parameters for coupled process of dark and photo fermentation hydrogen production using mixed culture, 104 th Indian science congress science and technology for national development, 03-07 January 2017, at SVU Tirupathi
15	S. Gana sowjanya, K. Srilatha, Ch. Sri Sai lakshmi, V. Himabindu , C. Sarala, recovery of hydrochloric acid from designed synthetic acid water using diffusion dialysis technique. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, page No. 149-152, Mallareddy engineering college, 21 st January 2017.
16	K. Srilatha, D. Bhagawan, V. Himabindu , Production of hydrogen via Thermocatalytic decomposition of methane using Ni/ZnO catalyst. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.
17	G. Shankaraiah, P. Saritha, D. Bhagawan, V. Himabindu , S. Vidyavathi, Degradation of Antibiotic Gemifloxacin in Aqueous Solutions Using Sonochemical Process, National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.
18	Shakeela Bhanu, kirankumar panga, V. Himabindu , Treatment of pharmaceutical waste water containing recalcitrant compounds using advanced oxidation processes. National conference on innovative research in civil engineering (NCIRCE 2017 ISBN: 978 9383038 527, Mallareddy engineering college, 21 st January 2017.

19	R. Madhavi, V. Himabindu, Electroplating Wastewater Treatment Using Electrocoagulation (EC) Method Two Day National Seminar” on Design for Sustainability Using Principles of Environment Management, On 12 th October 2017 Indian institute of plant engineers (IPE) TS- AP chapter.
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Patents filed:

Title of the invention: Electro oxidation treatment for the enhancement of dark fermentative biohydrogen production from distillery spent wash, Application Filing Receipt (AFR) no.201744020362 dated 10-06-2017.

Book chapter:

1. K. Srilatha, D. Bhagawan, **V. Himabindu**, Pyrolysis of Garden Waste: Comparative Study of Leucaena leucocephala (Subabul Leaves) and Azadirachta indica (Neem Leaves) wastes accepted for publication as Chapter 28 in Waste Valorisation and Recycling, ISBN : 978-981-13-2783-4.

COURSES/ WORKSHOPS ATTENDED:

1	Have undergone training in instrumental methods of analysis at Bhabha Atomic Research Centre, Bombay, India, 1991.
2	Participated in the National Seminar on nuclear power: Production and management including Environmental aspects and national work shop on “Radio Chemistry and application of Radio Isotopes,” Organised by Indian Association of Nuclear Chemists and * Allied Scientists, S.V.U Engineering college, Tirupati, India, 1991
3	Undergone training course in “Chemical analysis and quality assurance of Drugs” Birla Institute of Scientific Research, Hyderabad, India, 1997.
4	Participated in workshop on “Hazardous waste management” in 1997, organized by JNT University.
5	Participated in the work shop on “Prospects of Clean Development mechanism projects in India” held on 4 th December, 2002 at Hyderabad organized by Environmental protection training and research Institute, Hyderabad
6	Participated in the ISTE-STTP sponsored Two Week Training Program on Geomatics Engineering (Remote Sensing and GIS) in Environmental Management from 15 th Mar to 27 th March 2004.
7	Attended training on nano particle characterization using advanced instruments like SEM, TEM, AFM and XRD at New jersey Institute of Science & Technology (NJIT), USA during April 2 nd to 24 th April 2007.
8	Attended training programme on Cleaner production technologies with reference to Membranes technology for treatment of Industrial effluents at IVL Environmental research institute, Stockholm, Sweden during August 10 th-22nd 2008.
9	Attended four day training on operation of GC-MS from 14 th to 17 th Nov.2005 at Agilent Life Sciences & Chemical analysis, Singapore.
10	Attended training programme on Ground water remediation From Jan9th to Feb9th At Centre for Environment, IOWA State University, IOWA, USA.
11	Attended training program on “Capacity Building to Strengthen Management Training Programme” at ISB”, Hyderabad during 23rd & 24th, December, 2013

12	Participated in One day Workshop on "Non conventional Energy for Reduction pollution & Conservation in MSMEs" 27 th March 2014, organized by National Institute for Micro, Small and Medium Enterprise
13	Attended one day workshop on Intellectual Property Rights on 26 th March 2014, organized by APCOST, IPR Cell, R&D Cell.

CONFERENCES ATTENDED/ PARTICIPATED:

1	Participated in ISOHIM, 11 – 13, December 2009, at IIT Madras, Chennai.
2	Participated in World Hydrogen Technologies Convention – 2009, New Delhi, India
3	World conference on Disaster Management Infrastructure and Control Systems held at Hyderabad during 10-12 November 2003.
4	Participated in The Eighteenth International Conference on Solid Waste Technology and Management" March 23-26, 2003, Philadelphia, PA, USA
5	Participated in International Conference on Industrial pollution and control Technologies, 7 th -10 th Dec. 2001, Hyderabad
6	Participated in National seminar EPIRAM at NGRI in July 6 th and 7 th , 2001.
7	Participated in International Conference on Industrial pollution and control Technologies, 17-19 Nov. 1997, Hyderabad
8	Participated in seminar on "Environmental Science curriculum development at UG and PG level" organized by Osmania University, Hyderabad, India on Dec.11 th 1996
9	Participated in U.G.C Sponsored National Symposium and Workshop on "Environmental Education in University Curricula", 21-23 March 1994.
10	Participated in 4 th International conference on solid waste management (IconSWM-2014) (ISWMAW), at ANGRU, Hyderabad, 28-30 th Jan-2014.
11	Participated in National Symposium on Sustainable E-Waste Recycling Technologies on 8 th march 2014 organized by Centre for Materials for Electronics Technology.
12	Participated in DAE-BRNS symposium on two decades of ion beam analysis at 3MV Tandetron, NCCCM, BARC, 23 rd -24 th 2017, at NCCCM, BARC, Hyderabad.
13	Attended in workshop on Green buildings on 29 th November 2017 at Hyderabad.
14	Attended in 3 rd International Conference on Environmental Management (ICEM-2017) on 30 th November 2017 at Hyderabad.

UGC refresher courses attended:

1	Attended a three week refresher course on "Water Management" from March 11 th to March 30 th 2002 Organized by UGC Academic Staff College, JNT University, Hyderabad
2	Attended a three week refresher course on Environmental Science & Technology from August 19 th to September 7 th 2002 Organized by UGC Academic Staff College, JNT University, Hyderabad.
3	FDP on MOOCS One week Faculty Development Programme (FDP) on "MOOCS & OERs" (Technology enabled Teaching, Learning and Assessment with Educational Technology Tools, Open Educational Resources and Moodle MOOC Platform), January 5 th - 7 th 2018.

Editorial board member:

1. Frontiers in Environmental Science

Guest editor

1. Environmental science and pollution research

Reviewer to the International journals:

1. Journal of Hazardous, Toxic, and Radioactive Waste management
2. Analytical Methods
3. International Journal of Environmental Analytical Chemistry
4. Journal of Hazardous Waste Materials
5. Biofuels
6. International Journal of Environment and Sustainable Development
7. Mini review in organic chemistry
8. Clean Technologies and Environmental Policy
9. Nanotechnology for Environmental Engineering
10. Alexandria Engineering Journal
11. The Korean Journal of Chemical Engineering
12. Journal of Water Process Engineering
13. Bioresource Technology
14. International Journal of Hydrogen Energy

VISITS - ABROAD

1	Visited USA for attending eighteenth International Conference on Solid Waste Management & Technology during March 23-26, 2003 at Philadelphia, PA, USA
2	Visited USA for attending eighteenth International Conference on Solid Waste Management & Technology during April 3-6, 2005 at Philadelphia, PA, USA.
3	Visited Singapore for attending training on GCMS for a week at Agilent Singapore during Nov.2006
4	Visited for attending training on nano particle characterization at NJIT, New jersey, USA, during April 2 nd to 24 th April 2007.
5	Visited Stockholm Sweden for attending training program at IVL on Cleaner production technologies during August 10 th to 22 nd 2008.
6	Visited IOWA State University for attending training program on Ground water remediation during Jan 9 th to Feb., 9 th 2009.
7	Visited for attending training on air the analysis of air pollutants at RTI, presented a talk at USEPA, and Old Dominion University, USA during 23 rd April to 2 st June 2014.

OTHERS:

1	Served as Life member of The Indian Society for Technical Education.
2	Served as Member of American Society of Civil engineers.
3	Served as Central Pollution Control Board Approved Government analyst from Jan 2002.
4	The Member (External Expert) in Selection Committee for AcSIR PhD Program admission interview at CSIR-IICT. on 20 th July, 2017
5	Committee member for selection of associate professor, The Veer Surendra Sai University of Technology, Burla, Odisha, 05-08-2017
6	Visited SS Organics, Hyderabad for Effluent Treatment System Adequacy certification, 16 th Nov. 2017
7	Served as coordinator for the "Catch Them Young Roundtable Competition on Waste Management & SBM" (CTYRC-WM&SBM)" held on 18 th Nov. 2017 at Hyderabad.
7	Visited DSN Labs, Hyderabad for Effluent Treatment System Adequacy certification, 18 th Nov.

	2017 at Hyderabad.
8	Acted as Chairperson for Project Assistant Recruitment & Assessment (PARAC) committee held on November 29, 2017 at CSIR-NEERI zonal Centre, CSIR-IICT campus, Hyderabad.
9	Life Fellow membership, Indian Institute of Plant Engineers, AP-TS Chapter, Hyderabad
10	Visited Sri Chaitanya chlorides Pvt. Ltd in concern to Ongoing project during Dec. 2017.
11	Visited JETL to discuss about their treatment issues during Jan. 2018.

LECTURES GIVEN:

1	ITBHU
2	IIT Chennai
3	USEPA, 2014
4	Guest lecture at ESCL on Industrial symbiosis, Aug-2017
5	Lecture given on occasion of World Bio-Fuel Day, MREC (A), Hyderabad- 09-08- 2017
6	Lecture given on Industrial Pollution And Solid Waste Management, Telangana And Bidar Region Process Chemical Dealer Conference On 09-09-2017 (Esvee Enviro Systems & KN Biosciences India Pvt Ltd, Hyderabad)
7	Lecture given on “Ozone depleting substances and alternative technologies” at TSPCB during Ozone Day Programme on 16 th September 2017.
8	Lecture given on Hazardous waste sampling, characterization, Hazardous waste treatment and disposal during Two Day Workshop on Industrial Hazardous Waste Management in MSMEs 22 - 23 February, 2018.
9	Lecture given on Alternative energy options during Workshop on Alternative Energy options for MSMEs on eve of world environmental day 6 th . June-2018 at Hyderabad.
10	Lecture given on Biofuels, One-day seminar on “Environmental biotechnology- sustainable approach to protect nature” 15 th september 2018, Department of Genetics & Biotechnology, University College for Women, Koti, hyderabad.

Initiated Student chapter with IPE (Indian Institute of Plant Engineers) at Centre for Environment on 20th Dec. 2017.