CURRICULUM VITAE OF DR.PULIPATI KING

B.TECH, M.TECH, Ph.D, PGDES, FIE, MIIChE, MISTE, MIIME, MNESA

PROFESSOR OF CHEMICAL ENGINEERING

ANDHRA UNIVERSITY,VISAKHAPATNAM, A.P.

&

REGISTRAR

KRISHNA UNIVERSITY, MACHILIPATNAM, A.P.

&

MEMBER, STATE EXPERT APPRAISAL COMMITTEE (SEAC, A.P)

MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE

GOVT OF INDIA.

OFFICE:

DEPARTMENT OF CHEMICAL ENGINEERING
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ACADEMIC PROFILE:

Ph.D (2000)	:A.U.College of Engineering(A),Andhra University,Visakhapatnam.
M.Tech(1993,First Rank)	:A.U.College of Engineering(A),Andhra University,Visakhapatnam.
B.Tech(1991,First Class)	:A.U.College of Engineering(A),Andhra University,Visakhapatnam.

DATE OF BIRTH & SOCIAL STATUS: 12-07-1970, SC (Mala)

ACADEMIC POSITIONS HELD IN THE UNIVERSITY:

- **Professor** : **From 19-09-2006 to till date.**
- Associate Professor : From 03-04-2000 to 18-09-2006.
- Assistant Professor : From 19-03-1994 to 02-04-2000.

TOTAL TEACHING EXPERIENCE AT ANDHRA UNIVERSITY: 24 Yrs

OTHER ACADEMIC POSITIONS HELD IN THE UNIVERSITY:

- Chairman, Board of Studies in Chemical Engineering(BOS)
- Chairman, Departmental Research committee(DRC)
- Member, College Research committee(CRC)
- Member, Department Committee(DC)
- Member, Board of Studies in Chemical Engineering
- Member, Board of studies in Pharmacy, A.U
- Member, Board of Studies in Chemical Engineering,JNTUH,Hyderabad
- Member, Board of studies in Petroleum Engineering & Petrochemical Engineering, JNTUK, Kakinada
- University nominee on the Governing body of Sri Sai Degree College, Narsipatnam.
- University nominee on the Governing body of Sri Vasavi Institute of Pharmaceutical Sciences, Tadepalligudem.
- University nominee on the Governing body of Prof GSR Degree College, Salur.
- Member, Board of studies in Biotechnology, Krishna University, Machilipatnam

ADMINISTRATIVE POSITIONS HELD IN THE UNIVERSITY:

- **Registrar of Krishna University, Machilipatnam**
- Honorary Director of A.U.Press and Publications
- Chief Warden of A.U.Engineering College Hostels
- Dean of Student Affairs of A.U.College of Engineering(A)
- Assistant Principal of A.U.College of Engineering(A)
- Training and Placement Officer of A.U.College of Engineering(A)
- Warden of A.U.College of Engineering Hostels
- ISO Certified Internal Academic Auditor
- Co-Convener, A.U.Research Forum
- Convener, Anti-Ragging committee of A.U.College of Engineering(A)
- Chief superintendent of examinations
- Chief Teacher Associate of Spot valuations
- Core Member, University Admissions Committee
- Member, A.U.Non-Teaching Staff Monitoring Committee
- Member, Admissions committee of Indian Institute of Chemical Engineers(IIChE)

NUMBER OF Ph.Ds GUIDED: 20

RESEARCH PAPERS PUBLISHED AND PRESENTED (INTERNATIONAL & NATIONAL): 202

- **Journals :106 - (International: 78, National: 28)**
- **Conferences : 96 - (International: 50, National: 46)**

CITATION INDICES:

Citations: 1071
h-index: 11
i10-index:12

AWARDS RECEIVED:

- Sugar Cane Research Station Anakapalli Golden Jubilee Endowment prize by Andhra University, Visakhapatnam, A.P – 1994.
- The Corps of Engineers Prize by the Institution of Engineers (India), Kolkatta - 2007.
- Mrs. Avula Jayaprada Devi and Sri Sambasiva Rao prize and endowment for the best Ph.D thesis of D.Appala Naidu in Chemical Engineering under my guidance received in 82nd convocation of Andhra University, Visakhapatnam, A.P in 2014.
- Dr.Sarvepalli Radhakrishnan award for Best academician of the year-2015 By Andhra University, Visakhapatnam, A.P
- Outstanding Scientist award-2015 by Centre for advanced research and design, Venus International Foundation, Chennai.
- Eminent Scientist award -2015 by National Environmental Science Academy(NESA), New Delhi.
- Teaching Excellence Award during Indo-American Education summit-2016 by The Indus Foundation, USA.
- Best Teacher of the College for the year 2016-17 under TEQIP-II by A.U.College of Engineering(A), Andhra University, Visakhapatnam.

COMMITTEE MEMBER OF:

- State Expert Appraisal Committee(SEAC, A.P), Ministry of Environment, Forest and Climate Change, Govt. of India.
- All India council for Technical Education (AICTE), Govt. of India.
- TASK FORCE Committee, Pollution Control Board, Govt. of Andhra Pradesh.
- e-waste committee, Pollution control Board, Govt. of Andhra Pradesh.
- TASK FORCE Committee for Engineering colleges, Govt. of Andhra Pradesh.
- Andhra University Affiliation Committee, Visakhapatnam, A.P.
- JNTUK Affiliation Committee, Kakinada, A.P.

RESEARCH FIELDS:

- Petroleum Refinery Engineering.
- Ionic Mass transfer.
- Industrial Pollution control Engineering.
- Drag reduction.
- Acute Toxicity factor
- Biotechnology
- Biosorption

EDITORIAL BOARD MEMBER FOR:

- Journal of Pollution

REVIEWER FOR INTERNATIONAL JOURNALS:

- Journal of Hazardous materials.
- Chemical Engineering Journal.
- Separation and Purification Technology.
- Applied Biochemistry and Biotechnology.
- Desalination.
- Colloids and surfaces B: Biointerfaces.
- African journal of Biotechnology.

MEMBERSHIP IN PROFESSIONAL BODIES:

- Fellow of Institution of Engineers (India) (F-1174084).
- Life Member of Indian Institute of Chemical Engineers (LM-17534).
- Life Member of Indian Society for Technical Education (LM-47904).
- Life Member of National Environmental Science Academy (LM-1811).
- Life Member of Indian Institute of Mineral Engineers (LM-1036).

POSITIONS HELD IN ELECTED BODIES:

- Vice-President of Andhra University Teacher's Association(AUTA).
- Executive Member of Waltair Regional Centre of IIChE.
- Executive Member of Chemical Engineering Alumni Association, A U.

EXAMINATION PAPER SETTER AND Ph.D/M.TECH THESIS EVALUATOR FOR:

- Osmania University, Hyderabad.
- SV University, Tirupathi.
- JNTUH, Hyderabad.
- JNTUA, Anantapur.
- JNTUK, Kakinada.
- NIT, Warangal.
- Acharya Nagarjuna University, Guntur.
- Vignan University, Guntur.
- Berhumpur University, Odisha.

Ph.DS GUIDED: 20

SL.NO	NAME	AWARDED YEAR	THESIS TITLE
1	Y.Prasanna Kumar	2007	Biosorption of copper and zinc using Ulva fasciata sp. and Tectona grandis l.f.
2	CH.V.Subba Rao	2009	Studies on drag reduction using polymer additions in gravity driven flow systems.
3	D.Appala Naidu	2012	Biosorption of lead, nickel and cadmium onto tectona grandis l.f.:Optimization using response surface methodology (RSM).
4	S.Beena Lahari	2012	Biosorption of Copper and Zinc using Chaetomorpha Antennina Sp. and Azadirachta Indica bark.
5	G.Sheshamma	2013	Studies on the evaluation of Acute Toxicity factor for selected Industrial effluent using Zebra Fish (Danio Rerio) as test organism.
6	B.V.Lakshmana Rao	2013	Studies on Ionic Mass transfer with submerged impinging jet in closed cylindrical cells in the presence of solids.
7	K.V.N.Sai Baba	2014	Studies on Biosorption of Methylene blue and Crystal violet dyes onto Acacia Arabica and Vigna unguiculata pod: Optimization using Response surface methodology (RSM) and Artificial neural networks-Genetic algorithm (ANN-GA) methods.
8	P.Kalpana	2015	Studies on Biosorption of Methylene blue and Malachite green dyes onto Araucaria Cookii bark and Bauhinia Purpurea leaves: Optimization of process parameters using Response surface methodology (RSM).
9	N.Rakesh	2015	Biosorption of Lead and Zinc from aqueous solution using Grewia Orbiculata and Ficus Hispida leaves: Optimization using Response surface methodology(RSM).
10	G.Kalyani(JNTUK)	2017	Studies on removal of lead and zinc from aqueous solutions using Pithophora Cleveana Wittrock and Mimusops Elengi: Application of central composite design(CCD) for optimization.
11	H.Joga Rao(JNTUK)	2017	Removal of lead and cadmium from aqueous solutions using activated carbon of waste tires and Bauhinia Purpurea

			leaves: Optimization using Response surface methodology(RSM).
12	K.Srikanth	2017	Studies on biosorption of Nickel and Lead in batch and continuous column experimentation using Liagora Viscida: Optimization using Response surface methodology(RSM).
13	D.John Babu(JNTUK)	2017	Biosorption of cadmium and copper from aqueous solutions using Seaurchin Test and Gelidiella Acerosa: Optimization using Response Surface Methodology(RSM) and Artificial Neural Networks(ANN).
14	T.Gnana Kumari(JNTUA)	2018	Biosorption of Azo dyes from aqueous solution using Syzygium Cumini and Psidium gaujava.
15	B.Sumalatha(JNTUK)	2018	Studies on Biosorption of Arsenic and Chromium from aqueous solutions onto Citrus limonium peel and Turbinaria Vulgaris Sp: Optimization using Response Surface Methodology(RSM).
16	B.Praveena	2017(submitted)	Evaluation of acute toxicity factor for selected industrial effluent using zebra fish(Danio Rerio) as test organism.
17	K. Kumaraswamy(JNTUK)	2018(submitted)	Removal of nickel and chromium from aqueous solutions using Ipomea palmate leaves and Madhuca Indica leaves: Optimization using central composite design(CCD).
18	B.B.Saritha	2018(submitted)	Studies on the effect of industrial effluent discharge on aquatic life of Megadrigadda reservoir surplus channel.
19	Ch.Koteswara Rao	2018(submitted)	Production of L-Asperaginase from streptomyceties regenesis strain CHKAPCPKDAN-32
20	P.Pallavi(JNTUK)	2018(submitted)	Experimentation and optimization for the removal of Methylene Blue and Malachite Green from an aqueous solution using Raphanus Raphanistrium and Plumbago Zeylanica leaves.

M.TECH THESIS GUIDED: 38

SL.NO	NAME	YEAR	BRANCH	THESIS TITLE
1	B.Naga Raju	2001	MPE	Studies on treatment of phenolic effluents by non-conventional adsorbents.
2	K.V.N.Sai Baba	2002	CHEM	Studies on adsorption isotherms in case of removal of Fluorides using conventional and non-conventional adsorbents.
3	K.Indirani	2002	CHEM	Dissolution of Benzoic acid in packed beds liquid phase mass transfer.
4	S.Beena Lahari	2003	MPE	Studies on removal of Zinc in combination with Cadmium and Chromium by adsorption technique.
5	P.S.V.Prasad	2004	MPE	Studies on the grinding kinetics of Manganese.
6	P.Sreenivas	2005	MPE	Biosorption of Copper from aqueous solution using Tectona grandis l.f.(teak leaves powder).
7	B.Venkata Rao	2006	MPE	Removal of lead and zinc from aqueous solution using egg shell powder.
8	K.China Malakondaiah	2007	CHEM	Removal of copper and cadmium from aqueous solution using egg shell powder.
9	P.Vijay	2008	MPE	Biosorption of Congo Red from aqueous solution using Psidium guajava.L.
10	V. V. Manorama	2008	CHEM	Equilibrium, Kinetic and thermodynamic studies of Methylene Blue Biosorption from aqueous solution using Syzygium cumini. L.
11	M.Bhargavi Devi	2009	CHEM	Biosorption of Congo Red from aqueous solution using Syzygium cumini. L.
12	P. Jagan Mohan	2009	CACE	Studies on Ionic mass transfer with submerged impinging jet in a closed cylindrical cell in the presence of different densities of solids.
13	M.Lalitha	2009	BIOTECH	Biosorption of Malachite green from aqueous solution using Triticum aestivum L.
14	Y.Rajesh	2009	CHEM	Drag reduction by polymer additions in conical tanks.
15	Y.Phanikumar Yadav	2010	CHEM	Drag reduction by addition of surfactant (with counter ion) in cylindrical tanks.
16	B.Srinivasa Rao	2010	CHEM	Studies on Drag reduction in conical tanks by addition of surfactant with counter ion.

17	M.Navved Azad	2011	MPE	Studies on the grinding kinetics of Bauxite.
18	P. Divya Mouna Vasundhara	2011	CHEM	Studies on drag reduction by surfactant with counter ion addition in cylindrical tanks.
19	V.Hanumantha Rao	2011	IPCE	Adsorption performance of EGG shell powder for the removal of Malachite green: Application of statistical method.
20	G.Kavitha	2011	IPCE	Acute toxicity of Thiocyanate using Zebra Fish (Danio Rerio) and Biodegradation of Thiocyante using Thiobacillus.
21	L.Sri Krishna Bhagavan	2012	MPE	Studies on the grinding kinetics of Zinc ore.
22	P.Y.N.Gopal	2012	MPE	Studies on the grinding kinetics of Magnetite.
23	T.Bhaskar	2012	MPE	Studies on the grinding kinetics of Chromite ore.
24	K.Peddintaiah	2013	CHEM	Biodegradation of Malachite green dye by Escherichia coli MTCC 119.
25	A.Ganesh	2013	CHEM	Biodegradation of Malachite green dye by Pseudomonas putida MTCC-10617.
26	P.Prithviraj	2013	BIO-TECH	Biodegradation of Malachite green dye by Corynebacterium glutamicum MTCC-2680.
27	T.Ravindra	2013	CACE	Biodegradation of Malachite green dye by Kocuria risea MTCC-9208.
28	B.Balraj	2014	IPCE	Biodegradation of Methylene Blue and Methyl Orange using Escherichia coli CCMB DH5ALFHA.
29	N.Anand Kumar	2014	BIO-TECH	Studies on the effect of proteolytic enzymes on the hydrolysis of encapsulated protein using Chitin.
30	B.Kusuma	2014	CHEM	Mass and Momentum transfer for a developing flow in Batch fluidized bed with entry region spiral coil as turbulence promoter.
31	P.Soniya	2015	CHEM	Biodegradation of Congo Red and Methylene Blue using Bacillus Megaterium NCIM 2032.
32	K.V.Varalakshmi Devi	2015	IPCE	Biodegradation of Methyl Orange and Methylene Blue using Phanerochaete Chrysosporium NCIM 1073.
33	N.Ramya	2016	CHEM	Modelling of heat generation in LI-ion polymer batteries during discharge at

				different C- rates.
34	M.Mrudula	2016	CHEM	Evaluation of Biomethanation potential of sericulture waste, muncipal solid waste and rice gruel.
35	T.Manasa Priya	2016	IPCE	Biodegradation of Alizarin Red S and Erichrome Black T using Aspergillus Flavus NCIM 1028.
36	K. Mahesh	2017	MPE	Effect of Comminution on liberation characteristics of coking coal through washability studies.
37	B.SUBRAMANYAM NAIDU	2017	IPCE	Biodegradation of Methyl red and Erichrome Black T using Actinomycetes A-111.
38	T.MAHENDRA	2017	CHEM	Biodegradation of Methyl red and Erichrome Black T using Actinomycetes A-177.

SEMINARS/CONFERENCES CONDUCTED AS CONVENER/CO-CONVENER/CO-CHAIRMAN: 13

- Environmental pollution control techniques for small and medium scale industries, 11-12 February, 2000.
- Pollution control techniques adopted in Chemical process industries. 31-12-2005.
- National symposium of Chemical Engineering students- RIPPLES -2007. 4th and 5th January, 2007.
- National symposium on Recent trends in Mineral Process Engineering. 9th July, 2009.
- National symposium of Chemical Engineering students- RIPPLES-2010. 15th and 16th December, 2010.
- National workshop on Recent trends in Chemical Engineering and Biochemical Engineering., 31st January, 2012.
- National workshop on Recent trends in Exploitation of Conventional Energy sources, 1st July, 2013.
- Two day National workshop on Recent advances in Process Control, 3-4th January, 2014.
- National workshop on Environmental pollution: Impact and a new approach to its control, 6th February, 2014.
- International conference on Mineral processing technology, MPT-2014, 12-14th March, 2015.
- Workshop on Phosphate rich organic manure technology (PROM), 16th March, 2015.
- National workshop on Mineral Process Engineering (MPE), 6-8th August, 2015.
- International conference on "Environmental Biotechnology(A promise to a clean energy and green future) EBIO-2017", 23rd -25th November, 2017.

SEMINARS/WORKSHOPS/CONFERENCES (NATIONAL & INTERNATIONAL) ATTENDED AND PRESENTED: 37

- Induction training course of AICTE from 1-5-1995 to 20-5-1995 organized by Academic staff college, Andhra University, Visakhapatnam.
- ISTE sponsored summer school on Environmental protection technology for food production and processing industries from 22-5-1995 to 2-6-1995 organized by Agricultural and food Engineering department, Indian Institute of Technology, Kharagpur.
- Short term course under quality improvement programme of AICTE on System identification and adaptive control from 4-12-1995 to 15-12-1995 organized by Dept of Chemical Enginering, Indian Institute of Technology, Madras.
- Short term course under Quality improvement programme of AICTE on Nueral networks in Chemical process Enginering from 5-2-1996 to 16-2-1996 organized by Indian Institute of Science, Bangalore.
- Refresher course in Ecology and Environment from 5-12-1997 to 30-12-1997 organized by Academic staff college, Andhra University, Visakhapatnam.
- National workshop on Environmental pollution control techniques for small and medium scale industries,11-12th February, 2000, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National seminar on advances in the frontiers of Environmental research, 19-21st November, 2005, organized by Dept of Environmental sciences, A.U,Visakhapatnam.
- National workshop on Pollution control techniques adopted in Chemical process industries,31-12-2005, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- Two days Internal Quality Auditor (QMS) training based on ISO 9001:2000 requirements held on 19-20th October 2006 at A.U., Visakhapatnam.
- National symposium of Chemical Engineering students,RIPPLES-2007, 4th and 5th January, 2007, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National workshop on Fuel cell technology-2008, 31st October, 2008, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National workshop on Computational Biology and Biotechnology, 2nd January,2009 organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National seminar on Solid and Hazardous wastes management for safety, health and Environment, 16-17th March, 2009, Organized by Dept of Environmental sciences, A.U.,Visakhapatnam.
- National workshop on Advanced methods for data processing and parametric estimation in chemical processes, 30th March, 2009, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National symposium on Recent trends in Mineral Process Engineering, 9th July, 2009. organized by Dept of Chemical Engg, A.U., Visakhapatnam.

- National workshop on Analytical techniques for experimental data analysis 3-8th, August, 2009, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- Indian Chemical Engineering congress, CHEMCON-2009, December 27-30th, 2009, organized by Dept. of Chemical Engg, AU., Visakhapatnam.
- National symposium of Chemical Engineering students,RIPPLES-2010,15 and 16th December, 2010, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- International symposium on Effect of emissions and effluents on Environment, EEEE-2011, 23-24th December,2011, organized by Dept of Engineering Chemistry, A.U., Visakhapatnam.
- Indian Chemical Engineering congress,CHEMCON-2011 December 27-29th,2011, organized by M.S.Ramaiah Institute of Technology, Bangalore.
- National workshop on Recent trends in Chemical Engineering and Biochemical Engineering.,31st January,2012, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- Industry – Academia workshop on "Technology Imperatives for Exploration and Production of Oils and Gas" from 26-3-2012 to 29-03-2012 organized by ONGC, Rajahmundry.
- Industry-Academia workshop on Recent trends in Oil well drilling technology, 29-10-2012 to 2-11-2012, organized by ONGC, Chennai.
- National workshop on Recent trends in Exploitation of Conventional Energy sources,1st July, 2013,organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- Two day National workshop on Recent advances in Process Control, 3-4th January, 2014. organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National workshop on Environmental pollution: Impact and a new approach to its control, 6th February, 2014, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- International conference on Environmental Biotechnology & Biodiversity, EBIO–2013, 3-4th March,2014, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- International conference on Mineral processing technology, MPT-2014, 12-14th March, 2015, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National workshop on Phosphate rich organic manure technology (PROM), 16th March, 2015, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- One Week Short Term Course on Fuel Cell Technology (FCT-2015),6-10th April, 2015, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- National workshop on Mineral Process Engineering (MPE), 6-8th August, 2015, organized by Dept of Chemical Engg, A.U., Visakhapatnam.
- Training programme on "Management capacity enhancement programme for administrators", 5-9th October, 2015 organized by Indian Institute of Management Lucknow at Noida campus, Noida.
- International workshop on Desalination(InDACON-2016),29th - 31st January, 2016, organized by A.U.College of Engineering(A), Andhra University, Visakhapatnam.
- Workshop on Basic course on ANSYS CFD, 21st - 25th March, 2016, organized by A.U.College of Engineering(A), Andhra University, Visakhapatnam.

- Workshop on Choice based credit system(CBCS), on 27-4-2016 organized by Andhra University, Visakhapatnam.
- International Symposium on Social Business for Sustainable Development(SBSD-2017) on 5-7th January, 2017 by Andhra University, Visakhapatnam.
- International conference on "Environmental Biotechnology(A promise to a clean energy and green future) EBIO-2017", 23rd -25th November, 2017, organized by Dept of Chemical Engineering, Andhra University, Visakhapatnam.

RESEARCH PAPERS PUBLISHED IN INTERNATIONAL/NATIONAL JOURNALS: 106

INTERNATIONAL: 78

1. Sorption of Copper(II) ion from aqueous solution using Tectona grandis l.f. (Teak leaves powder).
   P.King , P.Sreenivas , Y.Prasanna Kumar and V.S.R.K. Prasad.
   Journal of Hazardous Materials, B136,560-566(2006).
2. Removal of Copper(II) ion from aqueous solution using Ulva fasciata sp (a marine green algae).
   Y.Prasanna Kumar, P. King and V.S.R.K. Prasad.
   Journal of Hazardous Materials, B137,367-373(2006).
3. Equilibrium and kinetic studies for the Biosorption system of Copper(II) ion from aqueous solution using Tectona grandis l.f. leaves powder.
   Y. Prasanna Kumar, P. King and V.S.R.K.Prasad.
   Journal of Hazardous Materials,B137,1211-1217(2006).
4. Comparison for adsorption modeling of copper and zinc from aqueous solution by Ulva fasciata sp.
   Y. Prasanna Kumar, P. King and V.S.R.K.Prasad.
   Journal of Hazardous Materials, B137,1246-1251(2006).
5. Zinc biosorption on Tectona grandis l.f. leaves biomass: Equilibrium and kinetic studies.
   Y.Prasanna Kumar, P.King and V.S.R.K.Prasad.
   Chemical Engineering journal ,124,63-70(2006) .
6. Removal of lead from aqueous solution using Syzygium cumini L: Equilibrium and Kinetic studies.
   P.King, N.Rakesh, S.Beena Lahari, Y.Prasanna Kumar, and V.S.R.K.Prasad.
   Journal of Hazardous Materials, 142,340-347(2006).
7. Adsorption of Zinc from aqueous solution using marine green algae- *Ulva fasciata* sp.
   Y.Prasanna Kumar, P.King and V.S.R.K.Prasad.
   Chemical Engineering journal,129,161-166(2007).
8. Biosorption of zinc from aqueous solution using Azadirachta Indica bark: Equilibrium and Kinetic studies.
   P.King, K.Anuradha, S.Beena Lahari, Y.Prasanna Kumar, and V.S.R.K.Prasad.
   Journal of Hazardous Materials , 152,324-329(2008).
9. Biosorption of Zinc onto Syzygium cumini L: Equilibrium and kinetic studies.

P.King, N.Rakesh, S. Beena Lahari, Y.Prasanna Kumar and V.S.R.K.Prasad.
Chemical Engineering Journal, 144,181-187(2008)

10. Effect of polymer additives on the mechanics of slow draining of large tank under gravity.
    Ch.V.Subba Rao, P.King and V.S.R.K.prasad.
    ARPN journal of Engineering and Applied sciences,3(1),68-83(2008).
11. Effect of polymer additives on the dynamics of a fluid for once through system.
    Ch.V.Subba Rao, P.King and V.S.R.K.Prasad.
    International journal of Fluid mechanics research,35(4),374-393(2008).
12. Biosorption studies of Zinc onto Chaetomorpha Antennina sp.
    S.Beena Lahari, P.King and V.S.R.K.Prasad
    International journal of Chemical Engineering Research, 2(1)41-56(2010).
13. Drag reduction by polymer additions in once through systems.
    Ch.V.Subba Rao, G.Mallikarjuna Rao, P.King, C.Bhaskara Sarma and V.S.R.K.Prasad.
    International journal of Fluid mechanics research, 37(5)391-405(2010).
14. Drag reduction by polymer additives in gravity driven flow.
    Ch.V.Subbarao, P.King, C.Bhaskara Sarma and V.S.R.K.Prasad.
    International Journal of Applied Engineering Research, Dindigul, 1(3)452-468(2010).
15. Efflux time for two exit pipe system.
    G.Santhosh kumar, Ch.V.Subba Rao and P.King.
    International journal of Applied Science and Engineering,9(4)277-286(2011).
16. Response surface optimization of Dye removal by using waste prawn shells.
    Narayana Saibaba, P.King, R.Gopinath and V.Sreelakshmi.
    International journal of Chemical Sciences and Applications, 2(3)186-193(2011).
17. Biosorption of Copper from aqueous solution by Chaetomorpha Antennina algae biomass.
    S.Beena Lahari, P.King and V.S.R.K.Prasad.
    Iran.J.Environ.Health.Sci.Eng.8(4)357-364(2011).
18. Response surface optimization for the decolorization of basic dye by using green carbon prepared from prawn waste and Aspergillus niger: kinetic and equilibrium studies.
    Naraynan saibaba, K.V., P.King, Sree Lakshmi, B.Anusha, P.Haripriya and Rinakshi.
    Journal of Cell Science & Therapy. S1:015,188(2011).
19. Removal of Methylene Blue from aqueous solution onto a new cheap adsorbent (Araucaria cookie bark powder).
    Polipalli Kalpana and Pulipati King.
    International Journal of Wastewater treatment and Green Chemistry,2(1)31-43(2011).
20. Response surface optimization for the decolorization of crystal violet dye from aqueous solutions by waste grab shells .
    Narayana Saibaba, K.V, King,P, Gopinadh,R and D.K.N.Lakshmi.
    International Journal of Applied Environmental Sciences, 7(2)149-154(2012).
21. Application of Artificial Neural networks and Statistical methods in Coconut oil processing.
    Narayana Saibaba, K.V, King,P, Gopinadh,R and D.K.N.Lakshmi.

International journal of Advanced Computer and Mathematical Sciences,3(2)209-214(2012).

22. Equilibrium, Thermodynamic and Kinetic studies on Biosorption of Malachite green from aqueous solution using guava leaves.
    P.Murali, P.Kalpana and P.King
    International journal of Engineering Research & Technology, 1(5)1-6(2012).
23. Kinetics and Equilibrium studies on Biosorption of Zinc onto Terminalia catappa leaf powder.
    Namdeti Rakesh, Pulipati King, Suresh,R.
    International Journal of Research in Chemistry and Environment,2(4)107-114(2012).
24. Development of models for dye removal process using response surface methodology and artificial neural networks.
    Narayana Saibaba K.V.,P. King and D.Appala Naidu.
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27. Equilibrium and kinetics of biosorption of cadmium(II) ions from aqueous solutions by Seaurchin test.
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37. Removal of Methylene Blue and Malachite green dyes from aqueous solution using Araucaria cookie bark: Optimization, Equilibrium, Kinetic and thermodynamic studies.
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8. Studies on Ionic mass transfer with submerged impinging jet in a closed cylindrical cell in the presence of Solids.
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41. Studies on Biosorption of nickel in batch experimentation using Liagora Viscida.
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44. Removal of Cr(VI) onto Turbinaria Vulgaris Sp. from aqueous solutions.
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