

List of Publications

Department of Chemical Engineering

GMR Institute of Technology, Rajam–532127

Affiliated to JNTU-K, Kakinada

Andhra Pradesh, India

	2007-08	2008-09	2009-10	2010-11	2011-12
National Conference	23	08	16	04	01
National Journal	00	00	01	03	01
International Conference	01	00	05	13	00
International Journal	00	00	08	23	01
Total Publications	24	08	30	43	03

2007-08

National Conference:

1. Mr.Surya Narayan Dash, “**Micro & Nano – Technology – Advances & Implications**”, Organised by Kanchi University, Kanchipuram on 21st-22nd March 2008
2. Dr.Y.Prasanna Kumar, “**Removal of Flouride on Ulva Faciata.sp.-: A Marine Algae**”, organised by Vignan College of Engineering Vadlamudi, Guntur, on 15th March 2008
3. Ms.G.Kalyani, and Mr.G.Babu Rao, “**Removal of Flouride on Ulva Faciata.sp.-: A Marine Algae**”, organised by Vignan College of Engineering Vadlamudi, Guntur, on 15th March 2008
4. Ms.P.Kalpana, and Mr.H.Joga Rao, “**Removal of Flouride on Ulva Faciata.sp.-: A Marine Algae**”, organised by Vignan College of Engineering Vadlamudi, Guntur, on 15th March 2008
5. Mr.G.Babu Rao, and Mr.A.Prasad, “**Biosorption of Cadmium Using Cocos Nucifara.L**”, organised by Vignan College of Engineering Vadlamudi, Guntur, on 15th March 2008
6. Ms.P.Kalpana, “**Nano Technology: the Future is coming sooner than you think**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
7. Mr.R.Srikanth, “**The Environmental Implications of Nanotechnology**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
8. Dr.Y.Prasanna Kumar, “**Desalination: The Environmental Impacts**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008

9. Dr.Y.Prasanna Kumar, “**Rain Water Harvesting and Purification System**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
10. Dr.Y.Prasanna Kumar, “**Nano Technology: opportunities and Risks for Humans and the Environment**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
11. Dr.Y.Prasanna Kumar, “**The Environmental Implications of Nanotechnology**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
12. Dr.Y.Prasanna Kumar, “**Nano Technology: the Future is coming sooner than you think**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
13. Dr.Y.Prasanna Kumar, “**Removal of Fluoride Using *Ulva fasciata* sp**”, INDACON, Dept. Of Chemical Engg. AU College, Visakhapatnam, 28th & 29th February, 2008
14. Ms.G.Kalyani, “**Biosorption of Copper Ions on to *Ulva fasciata* sp. Equilibrium and Thermodynamic Studies**”, Ujjain Engineering College, Ujjain.
15. Dr.Y.Prasanna kumar, “**Biosorption of Copper Ions on to *Ulva fasciata* sp. Equilibrium and Thermodynamic Studies**”, Ujjain Engineering College, Ujjain
16. Mr.A.Prasad, “**Biosorption copper using *cocos Nucifara.L***”, Chemcon-2007,Kolkata.
17. Dr. Y.Prasanna Kumar, “**Biosorption Comparison for Modeling Copper & Zinc on to *Tectona grandis* L.F**”, Department of Chemical Engineering. S.V.University, Tirupati
18. Dr.Y.Prasanna Kumar, “**Biosorption lead from aqueous solutions by egg Shell power: Equilibrium and Kinetic Studies, AChemE 2007**”, University College of Technology, OU

2007-08

National Journals:

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2007-08

Inter National Conference:

1. Mr.S.N.Dash, “**Environmental Science & Engineering**”, EAST – Bhubaneswar

2007-08

Inter National Journals:

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2008-09

National Conferences:

1. Mr.A.Prasad, “**Adsorptive Removal of Fluoride from Aqueous using Waste Material (Citrus Limonium) Biosorbent –Equilibrium Evaluation, Removal of Zinc by Using Macro Size Syzygium Cumini L. Leaves Biomass: Equilibrium and Kinetic Studies**” Novel Separation and Purification Techniques during 26th - 27th June 2009 at Chemical Dept. Engg., GMRIT, Rajam
2. Ms.P.Kalpana, “**Evaluation of adsorptive capacity of a new low cost activated carbon for the removal of Zn⁺² Cu⁺² from aqueous solutions, Removal of Zinc by Using Macro Size Syzygium Cumini L. Leaves Biomass: Equilibrium and Kinetic Studies**”, Novel Separation and Purification Techniques during 26th -27th June 2009 at Chemical Dept. Engg., GMRIT, Rajam
3. Mr.B.Niranjana Rao, “**Biosorption of Fluoride from Aqueous Solutions on Citrus Limoniun - a Waste Material**”, Applying Nanotechnology to the Challenges of Global Warming.
4. Mr.K.S.N.V.Prasad, “**Studies on Controlled Release of Fertilizer Zinc Sulphate Made with Super Phosphate as Inter Matrix**”, Applying Nanotechnology to the Challenges of Global Warming
5. Mr.P.Satya Sagar, “**Adsorptive Removal of Fluoride from Aqueous using Waste Material (Citrus Limonium) Biosorbent – Equilibrium Evaluation, Nano Technology for the Developing World**”, Novel Separation and Purification Techniques, during 26th -27th June 2009 at Chemical Dept. Engg., GMRIT, Rajam
6. Mr.V.Srinivasa Rao, “**Biosorption of Fluoride from Aqueous Solutions on Citrus Limoniun - a Waste Material**”, Nano Technology for the Developing World
7. Mr.S.N.Dash, “**Simulation studies on packed tray column using binary and multi component systems**”, Nano Technology for the Developing World
8. Mr.S.N.Dash, “**Bio sorption of zinc using *cocos nucifera L* as an adsorbent**”, Preparation of C-Nanotubes Bundies and Y-Junction Nano tubes

2008-09

National Journals:

-----NIL-----

2008-09

Inter National Conference:

-----NIL-----

2008-09

Inter National Journals:

-----NIL-----

2009-10

National Conferences:

1. Ms.G.Kalyani, “**Studies on removal of heavy metal ion from aqua solution using *echinoid* as biosorbent**”, Hydrology & Water shed Management 2010, (ICHWAM-2010)
2. Mr.S.N.Dash, “**Preparation of carbon nano tube bundles and Y junction nano tubes by ferrocene pyrolysis**”, ICNB-10
3. Mr.S.N.Dash, “**Preparation & Use of Activated Carbon Modified with Nitric Acid for Adsorption of Ni(II) And Pb(II) Form Aqueous solutions**”, National Seminar on Recent Advances in Chemical Engineering, (RACE-2010)
4. Ms.P.Kalpana and Mr.V.Srinivasa Rao , “**Removal of Lead Ions From Aqueous Solution by Using Biomass**”, National Seminar on Recent Advances in Chemical Engineering, (RACE-2010)
5. Dr.M.K.Prasad, “**Equilibrium studies on adsorption of trivalent chromium over molecular sieves**”, CHEMCON-09
6. G.Kalyani and Mr.G.Babu Rao, “**Adsorptive Removal of Fluoride from Aqueous using Waste Material (Citrus Limonium) Biosorbent –Equilibrium Evaluation**”, CHEMCON-09
7. Mr.S.N.Dash, “**Evolution of adsorptive capacity of a new low cost activated carbon for the removal of Zn^{+2} Cu^{+2} from aqueous solutions**”, AEE-09, Dept. of Civil Engg. NIT Rourkela, AEE-09, Dept. of Civil Engg. NIT Rourkela, 14th – 15th Nov-09, PP-209

8. Ms.G.Kalyani, “**Biosorption of Fluoride from Aqueous Solutions on Citrus Limoniun – a Waste Material**”, ICSP-09
9. Mr.G.Babu Rao, “**Simulation studies on packed tray column using binary and multicomponent systems**”, NSPT-09 Department of chemical engg. GMRIT, 26th – 27th JUNE 2009
10. Mr.A.Prasad, “**Biosorption of zinc using *cocos nucifera*” L as an adsorbent**, NSPT-09 Department of chemical engg. GMRIT, 26th – 27th JUNE 2009
11. Mr.G.Babu Rao and Ms.G.Kalyani, “**Removal of Zinc metal from effluent water using a Biosorbent**”, Two day National Workshop on Sustainable Development and
12. Environmental Challenges, Dept. of Chemical ,Civil, Electrical & Mechanical Engineering, GMRIT Rajam
13. Ms.P.Kalpana, “**Removal of Zinc metal from effluent water using a Biosorbent**”, Two day National Workshop on Sustainable Development and Environmental Challenges, Dept. of Chemical ,Civil, Electrical & Mechanical engineering, GMRIT Rajam
14. Ms.P.Kalpana, “**The study of Impacts of Distillery spent wash on soil**”, National Conference on Chemical ProcessPlants – Impact on Environment, Chemical Engg. Vignan University, Vadlamudi
15. Mr.G.Babu Rao and Mr.H.Joga Rao, “**Effluents of Fertilizer Industry Impacts and Remedies**”, National Conference on Chemical Process Plants – Impact on Enviroment, Chemical Engg. Vignan University, Vadlamudi
16. Mr.H.Joga Rao, “**Production of Biogas Fuel from Alcohol Distillery Plant**”, National Conference on Chemical Process Plants – Impact on Enviroment, Chemical Engg. Vignan University, Vadlamudi
17. Mr.B.Niranjana Rao, “**Effluent from sugar mills and its effect on Environment**”, A two day National Conference on Chemical Process Plants – Impact on Environment, Chemical Engg., Vignan University, Vadlamudi

2009-10

National Journals:

1. Ms.P.Kalpana, “**Equilibrium and Kinetic studies on Biosorption of zinc Terminalia Catappa Leaf Power**”, An Indian Journal, Guidelines for Publications, Volume 5, Issues, 2010

2009-10

Inter National Conference:

1. Ms.P.Kalpana and Mr.V.Srinivasa Rao, “**Adsorption of Ni(II) & Pb(II) from aqueous Solutions using a new Low Cost Activated Carbon modified with Phosphoric Acid**”, International Symposium on Energy & Environment (ENRON-2010)
2. Mr.V.Srinivasa Rao, “**Adsorption of Ni(II) & Pb(II) from aqueous Solutions using a new Low Cost Activated Carbon modified with Phosphoric Acid**”, International Symposium on Energy & Environment (ENRON-2010)
3. Mr.R.Srikanth and Mr.S.N.Dash, “**Adsorption of Ni(II) & Pb(II) from aqueous Solutions using a new Low Cost Activated Carbon modified with Phosphoric Acid**”, International Symposium on Energy & Environment (ENRON-2010)
4. Mr.R.Srikanth and Mr.S.N.Dash, “**Biodiesel Production Technology and Feed stock for India**”, International Symposium on Energy & Environment (ENRON-2010), NM Institute of Engineering & Technology, Bhubaneswar, 15th -16th Jan 2010
5. Ms.P.Kalpana and Mr.V.Srinivasa Rao “**Adsorptive removal of zinc from contaminated water by adsorption**”, International Symposium on Energy & Environment (ENRON- 2010), NM Institute of Engineering & Technology, Bhubaneswar, 15th -16th Jan 2010

2009-10

Inter National Journals:

1. Ms.G.Kalyani & Mr.G.Babu Rao, “**Adsorptive Removal of Fluoride from Aqueous using Waste Material (Citrus Limonium) Biosorbent – Equilibrium Evaluation**”, International Journal of Applied Environmental Science, Research India Publications, ISSN 0973-6077 Volume 4, No. 2(2009), PP.-173-182
2. Ms.P.Kalpana, “**Studies on Controlled Release of Fertilizer Zinc Sulphate Made with Super Phosphate as Inter Matrix**”, International Quarterly Scientific Journal , Nature Environment and Pollution, Volume-8, No.4 (2009), pp.,807-818
3. Mr.A.Prasad, “**Removal of Copper using microsize Coconut Husk powder**”, International Quarterly Scientific Journal, Nature Environment and Pollution, Vol 8 (No.2) PP-389-394, June-2009

4. Ms.G.Kalyani & Mr.G.Babu Rao, “**Removal of flourides from Aqueous Solutions**”, International, Quarterly Scientific Journal, Nature Environment and Pollution, Vol 8 (No.2) PP-231-236, June-2009
5. Mr. P. Kalpana, “**Studies on Controlled Release of Fertilizer Zine Sulphate Made with Super Phosphate as Inter Matrix**”, International Quarterly Scientific Journal , Nature Environment and Pollution, Volume-8, No.4 (2009), pp.,807-818
6. Ms.P.Kalpana, “**Removal of Zinc Ions from Aqueous Solution by Ficus Beghalensis L., Equilibrium and Kinetic studies**”, International Journal of Engineering studies, Research India Publications , ISSN0975-6469, Volume2, Number 1(2010), PP:15-28

2010-11

National Conferences:

1. Dr.M.Krishna Prasad, “**Sponge Iron Conference**”, conducted by IIME Student Chapter and Department of Mineral Beneficiation SDS Autonomous College of Arts and Applied Sciences, Vizianagaram, on 09th January, 2011.
2. Mr.G.Babu Rao and Mr. P.S.Sagar, “**Evaluation of Critical Pitting potential of Aluminum alloy 6061 in marine Environment**” in Indian Chemical Engineering Congress”CHEMCON-2010”,conducted by Department of Chemical Engineering, Annamalai University, Tamilnadu, December 2010.
3. Ms.G.Kalyani and Ms.G.Aruna Kumari, “**Combating Climatic Change and Global Warming for Sustainable Development**”, National Conference on Climate Change and Renewable Energies organized by S.K.S.D Mahila Kalasila,Tanuku on 29th & 30th January, 2011.
4. Mr.B.Niranjana Rao, Mr.H. Joga Rao, Ms.P. Kalpana and Mr.M. Gangadhar, Go Green with Technology, A National Conference, “**Evaluation and Impact of Global Climate Change**”, Sri Venkateswara College of Engineering & Technology, Etcherla, Srikakulam, AP, India, 4th - 5th, March 2011.

2010-11

National Journals:

1. Mr.S.N.Dash, **“Ni (II) and Pb (II) removal from Aqueous Solutions using a new low cost Activated Carbon modified with Nitric Acid”**, National Journal of Environmental pollution Control, Volume 13, No 4, May – June 2010 , PP:52-63.
2. Ms.M.Sujatha, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad **“Adsorptive Removal of Cadmium (II) ion From Aqueous Solution Using Plant Biomass”**, Chemical Technology an Indian Journal, Vol6(1), pg no 36-40,2011.
3. Mr.K.China Mr.Malakondaiah, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad **“Low Cost Biosorbent for the Removal of Copper From Aqueous Solution”**, Environmental science an Indian Journal, Vol5(6),2010.

2010-11

Inter National Conference:

1. Mr.B.Niranjana Rao, Mr.M.Gangadhar, Ms.P.Kalpana and Mr.V.Srinivasa Rao, **“Causes of Climate Change & Challenges to Control”**, 2nd International Conference (ICEM-2010) Organised by Centre for Environment, Institute of Science & Technology, JNTU Hyderabad, during 25th – 28th October, 2010.
2. Mr.M.Gangadhar, Ms.P.Kalpana, Mr.N.Rakesh, Dr.P.King and Mr.B.Niranjana Rao, **“Biosorption of lead and zinc from Aqueous Solution using plant Biomass: Comparitive Study”**, 2nd International Conference (ICEM-2010) Organised by Centre for Environment, Institute of Science & Technology, JNTU Hyderabad, during 25th – 28th October, 2010.
3. Ms.M.Sujatha, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad **“Studies on Biosorption of Cadmium (II) ion from aqueous solution using Syzygium cumini L. (Plum leaves) ”**, Proceedings of CHEMCON-2010, organized by AnnaUniversity-Chidambaram on 27th -29th December 2010.
4. Mr.N.Rakesh, Ms.P.Kalpana and Dr.P.King, **“Batch kinetics and equilibrium studies of adsorption of Pb(II) and Zn (II) by Terminilia Catappa leaves”**, Proceedings of CHEMCON-2010 organized by Anna University-Chidambaram on 27th -29th December 2010.
5. Mr.K.China Malakondaiah, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad **“Removal of cadmium from aqueous solution using eggshell**

- powder equilibrium and kinetic studies**", Proceedings of CHEMCON-2010 organized by Anna University-Chidambaram on 27th -29th December 2010.
6. Dr.M.Krishna Prasad, "**Immobilization of Fungus Rhizomucor Faurics in Calcium Alginate beads for the removal of Cr(III) from aqueous solution: preparation, Biosorption and spectroscopic characterization**", Proceedings of CHEMCON-2010 organized by Anna University-Chidambaram on 27th -29th December 2010.
 7. Dr.M.Krishna Prasad, "**Two and three paper model for adsorption of cadmium over molecular sieves**", Proceedings of CHEMCON-2010 organized by Anna University-Chidambaram on 27th -29th December 2010.
 8. Mr.B.Niranjana Rao, Mr.M.Gangadhar, Ms.P.Kalpana, Mr.V.Srinivasa Rao "**Overview on desalination & water purification methods**", proceedings of InDACON-2011, Indian Desalination Association Congress-2011 organized by Department of engineering chemistry, University college of engineering, JNTUK, on 24th &25th March 2011.
 9. Mr.R.Prasanna Rao, Mr.N.Anil Kumar, Mr.K.Sudheer, Ms.P.Kalpana* "**Decolourization of waste water using Adsorption(Review)**", proceedings of InDACON-2011, Indian Desalination Association Congress-2011 organized by Department of engineering chemistry, University college of engineering, JNTUK, on 24th &25th March 2011.
 10. Ms.K.Radha Sonia , Mr.Ch.Thathaji, Ms.R.S.Prathyusha, Ms.P.Kalpana, "**Sewage Treatment plant at GMRIT: A case study**", proceedings of InDACON-2011, Indian Desalination Association Congress-2011 organized by Department of engineering chemistry, University college of engineering, JNTUK, on 24th &25th March 2011.
 11. Ms.M.Sujatha, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad "**Biosorption of Copper(II) and Cadmium(II) ion from aqueous solution using Syzygium cumini L. leaves powder**", proceedings of InDACON-2011, Indian Desalination Association Congress-2011 organized by Department of engineering chemistry, University College of Engineering, JNTUK, on 24th &25th March 2011.
 12. Dr.Y.Prasanna Kumar, Ms.P.Pallavi, Ms.B.Suma Latha, Mr.T. Anup Kumar, Mr.K.S.N.V.Prasad and Ms.G. Kalyani on "**Biosorption of Chromium from Aqueous phase onto gallus domesticus Shell Powder as Biosorbent:Equilibrium Modelling**", CHEMCON-2010 organized by Annamalai University, Chennai on 27-29th December, 2010.

13. Dr.Y.Prasanna Kumar, Dr.P.King, Mr.B.Vijayasradhi, Mr.H.Joga Rao, and Ms.G.Kalyani, “**Use of Echinoid for Removal of Zinc from Aqueous Solutions**”, International Conference on Climate Change mitigation Technologies policies and Regulations to mitigate climate change organized by JNTU,Hyderabad on 25-28th October, 2010.

2010-11

Inter National Journals:

1. Mr.A.Prasad, “**Biosorption of Cadmium: Equilibrium, Kinetics and Thermodynamics by Erythrina Variegata Orientalis Leaf Powder**”, International Journal, Research India Publications, ISSN 0975-6442 Volume 2, Number 2(2010), PP.-173-180.
2. Y.PrasannaKumar, Ms.P.Vijetha, Mr.K.KumaraSwamy, Ms.P.Pallavi, Mr.D.John Babu, Mr.K.Mariadas, Ms.P.Kalpana, “**Removal of Heavy Metal Ion from Aqueous Solution using Conventional Adsorbents**”, International Journal of Chemical Engineering Research, Volume 2, Number 2 (2010), pp. 181–187.
3. Ms.P.Kalpana, Mr.N.Rakesh, Mr.L.N.Rao “**Biosorption of Lead ions from aqueous solution by Terminalia Ctappa I.: Euilibrium and Kinetic studies**”, Nature Environment and Pollution Technology, Volume 9, Issue No. 2, Jun 2010 , Page No 335-343.
4. Dr.Y.PrasannaKumar, Ms.P.Vijetha, Mr.K.KumaraSwamy, Ms.B.Sumalatha, Mr.T.AnupKumar, Mr.K.Mariadas, Ms.P.Kalpana, “**Problems related to processing of manganese ore fines**”, International Journal of Applied Environmental Sciences, Volume 5, Number 4 (2010), pp. 521–527.
5. Mr.B.Vijaya Saradhi, Mr.S. R. K. Rao, Dr.Y. Prasanna Kumar, Ms.P. Vijetha, Mr.K.Venkata Rao and Ms.G. Kalyani, “**Applicability of Freundlich and Langmuir Theory For Biosorption of Chromium from Aqueous Solution using Test of Sea Urchin**”, International Journal of Chemical Engineering Research, ISSN 0975 – 6442 Volume 2, Number 2 (2010), pp. 139–148.
6. Mr.B.Vijaya Saradhi, Mr.S.R.K. Rao, Dr.Y.Prasanna Kumar, Mr.K.Kumaraswamy, Mr.T.Anup Kumar and Ms.G.Kalyani, “**Biosorption Studies of Heavy Metal Ion on Echinoid**”, International Journal of Chemical Engineering Research, ISSN 0975 - 6442 Volume 2, Number 2 (2010), pp. 149–157.

7. Dr.Y.Prasanna Kumar, Ms.P.Vijetha, Mr.K.Kumaraswamy, Ms.P.Pallavi, Mr.K.Venkata Rao, Mr.T.Anup Kumar, Mr.K.Mariadas and Ms.G.Kalyani, **“Adsorption of Zinc by Natural Adsorbent Bentonite – a Clay Material”**, International Journal of Applied Environmental Sciences, ISSN 0973-6077 Volume 5, Number 4 (2010), pp. 581–589.
8. Ms.G.Kalyani, Mr.H.Joga Rao, Mr.T.Anup Kumar, Mr.K.Mariadas, Mr.P.Vijetha, Dr.Y. Prasanna Kumar, Mr.K. Kumaraswamy, Ms.P.Pallavi, Ms.B.Sumalatha., **“Biosorption of Lead from Aqueous Solutions using Egg Shell Powder as Biosorbent : Equilibrium Modelling”**, International Journal of Biotechnology and Biochemistry, ISSN 0973-2691 Volume 6 Number 6 (2010) pp. 911–920.
9. Mr.H.Joga Rao, Ms.G.Kalyani, Mr.K.Venkata Rao, Mr.T.Anup Kumar, Mr.K.Mariadas, Dr.Y.Prasanna Kumar, Mr.P.Vijetha, Mr.P.Pallavi, Mr.B.Sumalatha and Mr.K.Kumaraswamy, **“Kinetic Studies on Biosorption of Lead from Aqueous Solutions using Egg Shell Powder”**, International Journal of Biotechnology and Biochemistry, ISSN 0973-2691 Volume 6 Number 6 (2010) pp. 957–968.
10. Mr.S.N.Dash, **“Preparation of Carbonaceous Heavy Metal Adsorbent from Shorea Robusta Leaf Litter Using Phosphoric Acid Impregnation”**, in an International Journal of Environmental Sciences, Published by Integrated publishing services, ISSN 0976-4402 Volume 1, No 2, 2010 , PP:296-313.
11. Mr.S.N.Dash, **“Zn (II) and Cu (II) Removal from Aqueous Solutions using a New Low Cost Activated Carbon Modified with Nitric Acid”**, International Journal of Chemical Engineering Research, Research India Publications Volume 2, Number 3 (2010), pp.299-314.
12. Dr.M.Krishna Prasad, **“Removal of Cr(II) from aqueous Solution using immobilized *Rhizomucor Tauricus* and Spectroscopic characterization”**, Journal of Microbial & Biochemical Technology and world Congress on Biotechnology, Hyderabad, India, 2010.
13. Mr.K.China Malakondaiah, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad, **“Comparative study on the adsorption kinetics of cd (ii) and cu(ii) metal ions on to eggshell powder”**, IUP Journal of Chemical engg, Vol III, No1 2011

14. Mr.A.Prasad and Mr.P.Satya Sagar “**Adsorption Kinetics for Zinc Removal from Aqueous Solution by Untreated Cocos Nucifera.L**”, International journal of chemical engineering research, volume-2, number -3(2010), pp. (253-258)
15. Ms.P.Kalpana, “**Augmentation of Mass Transfer Coefficient in Decaying Swirl Flow**”, Asian Journal of chemistry, An International Peer Reviewed Journal, Vol.23, No5 (2011), 2128-2130.
16. Mr.M.Gangadhar, Dr.V.Nageswara Rao and Ms.S.Teja Latha, “**Fluid Friction in Square Grooved Serrated Disc Inserted Tube**”, International Journal of Applied Engineering Research, ISSN 0973-4562, Volume 5, Number 21 (2010), pp. 3585-3594.
17. Mr.M.Gangadhar, Dr.V.Nageswara Rao, Dr.P.Rajendra Prasad and Ms.S.Teja Latha, “**Mass Transfer in Circular Tube with Square-Grooved Serrated Disc as Turbulence Promoter**”, International Journal of Chemical Engineering Research, ISSN 0975 – 6442, Volume 2, Number 3 (2010), pp. 335-344.
18. Mr.M.Gangadhar and Dr.V.Nageswara Rao, “**Kinetic Studies of Free Fatty Acids Esterification in Unrefined Palm Kernel Oil**”, International Journal of Environmental Science Development & Monitoring, Volume 1, Number 1 (2010), pp. 93-101.
19. Mr.M.Gangadhar, Dr.V.Nageswara Rao and Dr.P.Rajendra Prasad, “**Studies on Filtration Characteristics of Lime Using Discontinuous Pressure Filter**”, International Journal of Engineering Studies, ISSN 0975- 6469, Volume 2, Number 4 (2010), pp. 485-490.
20. Mr.M.Gangadhar, Dr.V.Nageswara Rao and Dr.P.Rajendra Prasad, “**Mass Transfer in Circular Conduit with Co-Axially Placed Serrated Disc as Turbulence Promoter**”, International Journal of Engineering Research and Technology, ISSN 0974-3154, Volume 3, Number 3 (2010), pp. 863-874.
21. Mr.M.Gangadhar, Dr.V.Nageswara Rao and Dr.P.Rajendra Prasad, “**Momentum Transfer Analysis in Circular Conduit with Coaxially Placed Serrated Disc as Turbulence Promoter**”, International Journal of Engineering Research and Technology, ISSN 0974-3154, Volume 3, Number 3 (2010), pp. 875-885.
22. Mr.B.Niranjana Rao, Mr.M.Gangadhar, Dr.V.Nageswara Rao and Dr. P.Rajendra Prasad, “**Development of a Model on Batch Grinding Characteristics of Raw Coal**”, International Journal of Applied Environmental Sciences, ISSN 0973-6077, Volume 5, Number 6 (2010), pp. 861-872.

23. Mr.S.N.Dash, **“Preparation of Carbonaceous Heavy Metal Adsorbent from Shorea Robusta Leaf Litter Using Phosphoric Acid Impregnation”**, International Journal of Environmental Sciences, Volume 1 , Number 3 (2010), PP: 296-302

2011-12

National Conferences:

1. Mr.B. Niranjana Rao, Mr.M.Gangadhar, Dr. K. V, Ramesh and Mr. V. Srinivasa Rao, **“Production of Biodiesel from Renewable Biological Sources as Tomorrows Fuel”**, Biofuels towards Energy Security and Environment Protection, 27th National Convention of Chemical Engineers, The Institution of Engineers (India) Visakhapatnam Local Centre, Visakhapatnam, The Institution of Engineers (India), AP, India, 30th September & 01st October, 2011.

2011-12

National Journals:

1. Mr.S.N.Dash, **“The use of phosphoric acid –activated carbon of Shorea Robusta Leaf litter in Ni (II) and Pb (II) removal from Aqueous Solutions”**, National Journal - Techno Insight, August 2011.

2011-12

Inter National Conference:

-----NIL-----

2011-12

Inter National Journals:

1. Ms.M.Sujatha, Ms.P.Kalpana, Mr.D.A.Naidu, Dr.P.King and Dr.V.S.R.K.Prasad, **“Kinetic modeling of Biosorption of Cadmium by Syzygium Cumini(L) from aqueous solution”**, IUP Journal of Chemical Engg, Vol III,No2, June 2011, pg no 25-31.