

Curriculum Vitae

15 August 2014

Dr. Mahmood Saleem

Table of Contents

Personal Information.....	3
Academic Qualifications:	3
Experience:.....	3
Companies Worked with.....	3
Research Articles/Books.....	4
Research/Design Supervision	4
Principal Investigator	4
Presenter at International Conferences/Meetings.....	4
Services outside University.....	4
Selected Courses Taught at the University.....	4
Professional Trainer:.....	4
Books Authored/Co-authored:	5
Administrative duties:.....	5
Editor/Manager:	5
Chief Organizer/Founder :.....	5
Volunteer Services.....	5
Distinctions/Awards	5
List of Publications.....	7
Books Authored/Edited	7
Journal Articles Authored/Co-authored.....	8
Conference Proceedings	10
Supervised Projects List	12
Doctoral Projects Chemical Engineering (On-going)	12
Post Graduate Research Projects Chemical Engineering	12
Graduate Plant Design Projects.....	12

Undergraduate Research Projects..... 14

Personal Information

Name: Engr. Dr. Mahmood Saleem
Current Position: Professor of Chemical Engineering
Date of Birth: May 13, 1967
Nationality: Pakistani

Contact: Institute of Chemical Engineering & Technology,
Faculty of Engineering and Technology, University of the Punjab, Postal Code
54590 Lahore, Pakistan, Phone (Off):+92- (0)42- 99230065; Cell, +92- (0)331
4554 867 Fax: ++92-(0)42-99231159 E-mail: msaleem.icet@pu.edu.pk

Academic Qualifications:

Degree	Institution	From	To	Marks
Dr. Techn. (Chemical & Process Engineering)	Graz University of Technology, Graz, Austria	Nov., 2003	April, 2007	-
M.Sc.(Eng.)Chemical Engineering	University of the Punjab, Lahore, Pakistan	July 1997	Oct 1998	424/600 1 st Class
B.Sc.(Eng.)Chemical Engineering	University of the Punjab, Lahore, Pakistan	July 1986	May 1991	3354/4800 1 st Class
F.Sc. Pre-Eng.	Multan Board	1982	1985	837/1100 1 st Class
Matric	Multan Board	1977	1982	646/850 1 st Class

Experience: 23 years (1992-2014) in Teaching, Research, and Academic administration

Companies Worked with:

- University of the Punjab, Lahore, Pakistan; (1992-2000 & 2007-todate) as Professor, Assistant Professor, Lecturer, and Research Officer
- Bahrain Training Institute, (2000-2003) as Head of Chemical Technology and Sr. Lecturer
- Graz University of Technology, Austria. (2003-2007) as Doctoral Fellow
- Dawood Hercules Chemicals (Pvt) Ltd., (1992-1992)

Research Articles/Books: Authored/co-authored about 31 Journal articles and 02 books

Research/Design Supervision: about 60 projects

Principal Investigator: 02 HEC funded projects worth 8 Million PKR, 03 University funded projects

Presenter at International Conferences/Meetings:

- PARTEC,
- FILTECH,
- ACHEMA,
- AIChE,
- WFC,
- ICES

Services outside University:

- **Visiting Professor at University of Gujrat since 2012**
- **Consultant Engro Foods Pvt. Ltd**
- **Professional Trainer for Process Simulation**
- **Consultant Minhaj University for Establishing Chemical Engineering Department**

Selected Courses Taught at the University :

- Chemical Engineering Thermodynamics I (16 years),
- Chemical Engineering Thermodynamics II (16 years),
- Chemical Plant Design (16 Years),
- Process Design & Optimization (02 years),
- Separation Processes (15 years),
- Mathematical Modeling (3 years),
- Sustainable Energy Systems (01 year),
- Polymer Reaction Kinetics (03 years)
- Research Methodology (5 years),
- Process Simulation (3 years),
- Sustainable production (01 year)

Professional Trainer:

- Process Simulation using ChemCad,
- Scientific Computing using Matlab
- Process equipment Design

Books Authored/Co-authored:

- Terminology in Chemical Engineering(Published by Lulu USA in 2013),
- Gas Cleaning (Published by VDM Verlag Germany in 2010)

Administrative duties:

- Head of Chemical Technology at Bahrain Training Institute (2001-2003) Bahrain
- In-charge Chemical Engineering Laboratories from 2008 to date
- In-Charge Students Affairs from 2010 to date
- Member of Academic Council/Senate University of the Punjab, Lahore from 2008 to date
- Secretary General Pakistan Institute of Chemical Engineers (www.piche.org.pk), 2010 to date

Editor/Manager:

- Journal of the Pakistan Institute of Chemical Engineers (2007 to date) [www.piche.org.pk/journal],
- Journal of Faculty of Engineering & Technology (2007 to date) [www.pu.edu.pk/journals]
- American Journal of Modern Chemical Engineering [www.ajmce.uscip.us]

Chief Organizer/Founder :

- Organized FIVE symposia on Engineering Sciences in 2008, 2009, 2010, 2011 and 2014.
- Organized International conference on engineering sciences in 2012

Volunteer Services: Secretary General Pakistan Institute of Chemical Engineers since 2010 to date

Distinctions/Awards

- Punjab University research Incentive Award 2013
- Punjab University research Incentive Award 2011
- Punjab University research Incentive Award 2010
- Punjab University research Incentive Award 2007
- Overseas merit scholarship for higher studies by the Higher Education Commission, Pakistan 2003-2007
- University Merit scholarship 1986, 1987, 1988, 1989.

- Merit scholarship of Board of intermediate and secondary education, Multan, 1982-1984.

Initiatives (2007-todate)

- In 2007 I joined the editorial Team of JFET and JPICChE to bring them to meet HEC criteria. In this context we regularized their publication, improved the review process and established on-line journal management systems. Now both the journals are going well.
- Organized the first symposium on engineering sciences in 2008 which has become a regular event at our Institute
- Acquired ChemCad license and started process simulation training of chemical engineering students in 2008
- Organized 2nd symposium in 2009
- Acquired funding from HEC for a project on co-combustion of coal and biomass in CFBC in 2010
- ORGANISED 3rd symposium in 2010
- Published first book on Gas Cleaning in 2010
- Acquired another grant from HEC and PU for a project on Bio-oil production from Biomass through Fast Pyrolysis technology in 2011
- Organized 4th symposium in 2011
- Organized an International conference in 2012
- Co-authored another book on Chemical Engineering Terminology in 2013
- Acquired ANSYS CFD software license and started research in 2013 (3 MS level projects has been completed using CFC)
- Organized 5th symposium in 2014
- Acquired license for ASPEN hysys, Matlab/Simulink and started training in 2014

Memberships of professional/Academic/social/literary bodies

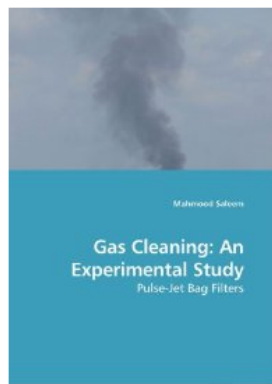
- Member Academic Council, University of the Punjab
- Member Senate, University of the Punjab
- Member board of studies, ICET, PU, Lahore.
- Member BOS of Polymer Technology, NTU, Faisalabad.
- Member Board of Faculty, UoP, Lahore.
- Member National Curriculum Review Committee of HEC for Chemical Engineering.
- Member Curriculum Review Committee.
- Member Curriculum Development Committee of the Institute.
- Member Disciplinary committee of the Institute.
- Life member Pakistan Engineering Council.
- Fellow Pakistan Institute of Chemical Engineers.

- Secretary General, PIChE, Pakistan.
- Executive member of Corrosion Society
- Former Member advisory council at Bahrain Training Institute, Bahrain.
- Former Member recruitment committee at Bahrain Training Institute, Bahrain.
- Former Member board of studies at the Institute of Chemical Engineering & Technology.
- Elected Secretary of students union (1989) at the Institute of Chemical Engineering & Technology.
- External Examiner of various HEI's of Punjab
- External Examiner Board of Technical Education Punjab.

List of Publications

Books Authored/Edited

1. Gas Cleaning: An Experimental Study, M Saleem, VDM Verlag, Germany, 2010.
ISBN-10: **3639225872** | ISBN-13: **978-3639225877**.



Click to open expanded view



Gas Cleaning: An Experimental Study: Pulse-Jet Bag Filters [Paperback]

by [Mahmood Saleem](#)

★★★★★ (1 customer review)

List Price: ~~\$113.00~~

Price: **\$107.35** & **FREE Shipping**. [Details](#)

You Save: **\$5.65 (5%)**

In Stock.

Ships from and sold by **Amazon.com**. Gift-wrap available.

Want it Monday, May 12? Order within **29 hrs 22 mins** and choose **One-Day Shipping** at checkout. [Details](#)

9 new from \$103.35 **2 used** from \$129.00

FREE TWO-DAY SHIPPING FOR COLLEGE STUDENTS
[Learn more](#)

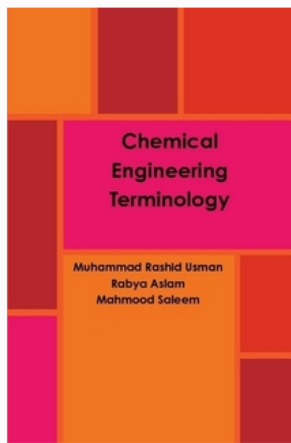
2. Chemical Engineering Terminology, MR Usman, R Aslam, M Saleem, 2013,
Lulu, USA **ISBN-10:** 1304379043, **ISBN-13:** 978-1304379047

Chemical Engineering Terminology

By Muhammad Rashid Usman, Rabya Aslam, Mahmood Saleem

[View this Authors Spotlight](#)

Paperback, 547 Pages ☆☆☆☆☆ This item has not been rated yet



List Price: ~~\$34.97~~

Price: **\$31.47**

You Save: **\$3.50 (10%)**

Ships in 3-5 business days

This book is a comprehensive collection of chemical engineering terms in a single volume. It covers generally all the chemical engineering literature and has distinguished features. The book is a useful reference material for the people both at the schools and the industry. Our experience of teaching and research over the years has realized a must book of this kind. Better understanding of the terms helps in better understanding the relevant literature and in communicating with more assurance and less words. The terms are written in alphabetical order. Where a term deserves more elaboration, a rather detailed description is provided. The book also contains a number of labeled diagrams which are extremely helpful for understanding the critical terms.

Journal Articles Authored/Co-authored

1. Thermo Gravimetric Study of Pakistani Cotton & Maize Stalk using the Iso-Conversional Technique. Ali N, Saleem M, Kamil M, Shahzad K, Chughtai A. Life Sci J 11(8) :382-387, 2014. (ISSN:1097-8135).
2. Fast Pyrolysis Of Pakistani Cotton Stalks In Fluidized Bed Reactor: Design And Preliminary Results, N Ali, M Saleem, K Shahzad, A Chughtai, WA Khan, Life Science Journal 11 (7), 2014.
3. Axial Heat Transfer Investigations In A Circulating Fluidized Bed Combustor Burning, Makarwal Coal, Mahmood Saleem, Waqar Ali Khan, Khurram Shahzad, Science International Lahore 24 (4), 153-157, 2012.
4. Parametric Study of NOx Emissions in Circulating Fluidized Bed Combustor, M Saleem, WA Khan, N Awan, NA Akhtar, Journal of the Pakistan Institute of Chemical Engineers 40 (1), 61-68, 2012.
5. On the Stability of Pulse-Jet Regenerated- Bag Filter Operation, M Saleem, G Krammer, Chemical Engineering & Technology (IF 1.394) 35 (5), 904-910, 2012.
6. Influence of operating parameters on cake formation in pilot scale pulse-jet bag filter, M Saleem, G Krammer, RU Khan, MS Tahir, Powder Technology (IF 2.009) 224 (July 2012), 28-35, 2012.
7. Measurement and Simulation of Axial Velocity in a Filter Bag, M Saleem, G Krammer, MS Tahir, Chemical Engineering & Technology (IF 1.394) 35 (00), 1-10, 2012.
8. Effect of Operating Parameters on Resistance Parameters of Filter Media and Limestone Dust Cake for Uniformly Loaded Needle Felts in a Pilot Scale Test

- Facility at Ambient Conditions, M Saleem, G Krammer, M Suleman, Powder Technology(IF 2.009) 228 (September 2012), 100-107, 2012.
9. An innovative and advanced oxidation process for effluent treatment through wet tube-type electrostatic precipitation, MS Tahir, M Saleem, SR Malik, JR Khan, M Siebenhofer, Chemical Engineering and Processing: Process Intensification (IF 1.957) 52, 4, 2012.
 - 10.Characterization of brush type discharge electrodes and impact of enhanced corona discharge on operation of electrostatic precipitators, M Suleman Tahir, M Saleem, M Siebenhofer, Journal of Electrostatics (IF 1.078) 70 (1), 144-148, 2011.
 - 11.Experimental study of cake formation on heat treated and membrane coated needle felts in a pilot scale pulse jet bag filter using optical in-situ cake height measurement, M Saleem, RU Khan, MS Tahir, G Krammer, Powder Technology (IF 2.009) 214 (3), 388-399, 2011.
 - 12.An overview of the thermodynamic models for acid gases in electrolyte solutions, JA Awan, M Saleem, Journal Of Faculty Of Engineering & Technology 18 (1), 13-29, 2011.
 - 13.Radial Heat Transfer Investigations in a Circulating Fluidized Bed Burning Makarwal Coal, WA Khan, K Shahzad, M Saleem, NA Akhter, MS Tahir, Journal Of Faculty Of Engineering & Technology, 18 (1), 59-70, 2011.
 - 14.Effect of the Geometry of Discharge Electrodes on Corona Onset Field Intensity and Collection Efficiency of Electrostatic Precipitators, MS Tahir, M Saleem, M Siebenhofer, Chemie Ingenieur Technik (IF 0.347) 82 (9), 1383-1384, 2010.
 - 15.Pulping of Wheat Straw using Sulfite Process: An Experimental Study, M Kamil, M Saleem, SR Hameed, ZUH Rizvi, Journal Of Faculty Of Engineering & Technology 16 (1), 1-6, 2010.
 - 16.Experimental study of the effect of stack area on thermal performance of storage type water heaters burning natural gas, Mahmood Saleem, Ahsan Riaz, Journal of Pakistan Institute of Chemical Engineers 37 (1), 2-6, 2010.
 - 17.Production and Characterization of Biodiesel from Waste and Vegetable Oils, MN Younis, MS Saeed, S Khan, MU Furqan, RU Khan, M Saleem, Journal of Quality and Technology Management 5 (1), 2, 2009.
 - 18.Conditioning of Filter Bags with Reactive CaO and Ca(OH)₂ dusts in flue gas, GK Michael Koch, Mahmood Saleem, Peter Puecher, Filtration: The International Journal for Filtration and Separation 9 (3), 2009.
 - 19.Impact of the design of discharge electrode on the Current/Voltage characteristics and the rate of immigration in ESP, MS Tahir, M Saleem, C Gruber, M Siebenhofer, The Nucleus 46 (3), 231-235, 2009.
 - 20.Experimental study of urea granulation, U Irshad, MN Sharif, F Rabbani, A Rauf, M Saleem, The Nucleus 46 (3), 95-99, 2009.

21. Vacuum Gas Carburizing with Acetylene-Gas Phase Modeling of a Bench Scale Reactor, RU Khan, M Saleem, A Shafeeq, Journal of Pakistan Institute of Chemical Engineers 37 (1), 25-30, 2009
22. Coal Desulfurization by Solvent Leaching Methods, A Ahmed, N Ahmad, R Shah, MN Bhatti, M Saleem, Journal of Faculty of Engineering & Technology 2007, 47-56, 2008.
23. Experimental Study of Chemical De-scaling-I: Effect of Acid Concentration, MS Tahir, M Saleem, Journal of Faculty of Engineering & Technology 2007, 1-9, 3, 2008.
24. Measurement Error Correction for Distributed Properties–Filter Cake Thickness Measurements, M Koch, M Saleem, G Krammer, Particle & Particle Systems Characterization (IF 0.633) 24 (6), 431-439, 2007.
25. Effect of filtration velocity and dust concentration on cake formation and filter operation in a pilot scale jet pulsed bag filter, M Saleem, G Krammer, Journal of hazardous materials (IF 3.997) 144 (3), 677-681, 2007.
26. Optical in-situ measurement of filter cake height during bag filter plant operation, M Saleem, G Krammer, Powder Technology (IF 2.009) 173 (2), 93-106, 18, 2007.
27. Gas Cleaning with Jet Pulsed Bag Filter: A review, N Ahmed, M Saleem, Journal of Pakistan Institute of Chemical Engineers 35 (1), 65-90, 2007.
28. In-situ measurement of dust deposition on bag filters using stereo vision and non-rigid registration, M R  ther, M Saleem, H Bischof, G Krammer, Assembly Automation (IF 0.65) 25 (3), 196-203, 2005.
29. Evaluation of high temperature large scale granular bed filter operation for fly ash removal from bark combustion, G Krammer, M Saleem, KO S  nju, PO Nos, Chemical Engineering Transactions (IF 0.004) 6, 347-352, 2005.
30. Recovery of Barium from Indigeneous Barytes, M Saleem, RU Khan, NA Akhter, ZU Sheikh, Journal of Pakistan Institute of Chemical Engineers 23 (1), 109-111, 1995.
31. Preparation of Iron Free Aluminium Sulfate from Indigeneous Bauxite through Bayers process, M Saleem, NA Akhter, MA Butt, MA Jamil, Journal of Pakistan Institute of Chemical Engineers 23 (1), 95-97, 1995.

Conference Proceedings

1. CFD simulation of Entrained Flow Coal Gasifier, Umair Azhar, Mahmood Saleem, First International Young Engineers Convention, 18-20 April 2014, Lahore.
2. CFD simulation of Up-draft Coal Gasifier, Nabeel Ahmed, Mahmood Saleem, First International Young Engineers Convention, 18-20 April 2014, Lahore.

3. CFD simulation of Secondary Reformer Burner, Maryam Shakoor, Mahmood Saleem, 5th Symposium on Engineering Sciences, 2 April 2014, PU, Lahore.
4. Hydrodynamics of biomass-sand mixture in FBR, Shahid Hussain, Mahmood Saleem, 5th Symposium on Engineering Sciences, 2 April 2014, PU, Lahore.
5. Bio-Oil from Biomass, Najaf Ali, Mahmood Saleem, 5th Symposium on Engineering Sciences, 2 April 2014, PU, Lahore.
6. Characterization Of Agro-Waste As An Alternative Fuel Source, M Tahir, M Danish, MA Ahmad, M Saleem, A Ahmad, N Feroze, 2013 AIChE Annual Meeting, 3-8 November, San Francisco, USA, 2013.
7. Actinometric Determination of UV-Radiation in Wet-Tube Electrostatic Precipitator (WESP) and Degradation of Pollutants From Wastewater, M Tahir, M Saleem, S Gul, NA Akhtar, MathiasSiebenhofer, AIChE Annual Meeting, 3-8 November, San Francisco, USA, 2013.
8. Enhanced Yield of Bio-Gas Production With Modified Thermo-Reactor Configuration and Separation of CO₂, M Tahir, M Saleem, 2013 AIChE Annual Meeting, 3-8 November, San Francisco, USA, 2013.
9. FAST PYROLYSIS OF PAKISTANI COTTON STALKS IN FLUIDIZED BED REACTOR: DESIGN AND PRELIMINARY RESULTS, A Najaf, S Mahmood, C Arshad, S Khurram, The 5th International Conference on Applied Energy, Pritoria, South Africa, 2012.
10. Developing Products and Resource Recovery from Industrial Process Waters and Wastewaters, M Tahir, M Saleem, NA Akhtar, JR Khan, M Siebenhofer, 12th AIChE Annual Meeting, Abstract, 2012
11. Burning of Pakistani (Salt Range) Coal in a Circulating Fluidized Bed and Radial Heat Transfer investigations, WA Khan, MS Tahir, K Shahzad, M Saleem, NA Akhtar, UK-Pakistan Coal Conference 2012, Leeds, UK, 32, 2012.
12. Experimental measurement of axial gas flow distribution in pulse-jet bag filter, M Saleem., MS Tahir, G Krammer, 11th World Filtration Congress, Graz, Austria, 2012.
13. "UV-radiation in Wet-tube Electrostatic Precipitator (WESP), MS M. S. Tahir, M. Saleem, S.R. malik, J.R. Khan, International Conference on Engineering Sciences, Lahore-Pakistan, 2012.
14. Advanced Oxidation Processes with DC-Corona Discharge, MS Tahir, M Saleem, M Siebenhofer, AIChE 2011 Annual Meeting, Minneapolis, USA, 2011.
15. On the Stability of Pulse-Jet Regenerated Bag Filter In Case of One Regeneration Pulse At Upper Pressure Drop Limit, M Saleem, MS Tahir, G Krammer, AIChE 2011 Annual Meeting, Minneapolis, USA, 2011.
16. Degradation of Phenol in Tubular Corona Reactor (TCR), MS Tahir, M Saleem, M Siebenhofer, 4th Symposium on Engineering Sciences, 2010.

17. Comparative Study of combustion of waste in combination of coal in CFBC, M Saleem, 4th Symposium on Engineering Sciences, 2010.
18. Pre-Treatment Methods of Minerals for Ex-Situ Mineral Carbonation of Mafic and Ultramafic Minerals, M LATIF, M Saleem, G Khan, 4th Symposium on Engineering Sciences, 2010.
19. Optical measurement of cake thickness distribution and cake detachment on patchily cleaned commercial bag filters, M Saleem, G Krammer, M Ruther, H Bischof, Proceedings of the International Conference and Exhibition for Filtration, 2005.

Supervised Projects List

Doctoral Projects Chemical Engineering (On-going)

2010-todate	Production of Bio-Oil from Cotton and Maize Stalks using Fast Pyrolysis to be completed in 20013
2013-todate	Catalytic Hudro-cracking of Waste Plastics to Liquid Fuels

Post Graduate Research Projects Chemical Engineering

Session	Title
2012-14	Hydrodynamics of Sand-Biomass Mixture in FBR
2012-14	Utilization of Ash from Boiler Furnace using Rice-Husk (On-going)
2012-14	Simulation of Updraft Coal Gasifier using ANSYS CFD
2011-13	Simulation of Entrained Flow Coal Gasifier using ANSYS FLUENT
2011-13	Simulation of Secondary Reformer Burner using ANSYS FLUENT
2009-11	Characterization and kinetic Modeling of Sugar Cane Trash
2009-11	Characterization of cotton and maize Stalks for Pyrolysis
2007-09	Development of Computer Tool for Measuring Thermal Performance of Storage Water Heaters
2007-09	Simulation of Molten Salt Heating and Comparison With Experimental Data
2007-09	Experimental Study of the Thermal performances of Tank-Type and Tankless-Type Gas-Fired Water Heaters

Graduate Plant Design Projects

Session	Title
2009-13	A Plant Design Project on production of Liquid Fuels from Syngas by Fischer Tropsch Synthesis
2009-13	A Plant Design Thesis on Removal of Acid Gases from LPG with DEA Solution
2009-13	A Plant Design Report on Production of 100 T/D of Green Diesel from

	Stearic Acid by Ecofining Process
2008-12	A Plant Design Project on 254 MGD Waste Water Treatment of an Oil Refinery
2008-12	A Plant Design Project on Cultivation and Harvesting of Microalgae under sun light Irradiation to Produce Bio-diesel
2008-12	A Plant Design of Production of Synthetic Gas from Rice Husk 48 Tons/day Capacity by Gasification Process
2007-11	A Plant Design Project on 335 MTPD Carbon Sequestration from Flue Gases of ammonia Production Plant
2006-10	A Plant Design Report on production of 10000 Metric Tons Per year of Vinyl Acetate Monomer from Acetylene
2006-10	A Design Project on Recovery of LPG from 30 MMCFD natural Gas
2006-10	A Plant Design Thesis on the Production of 23 Tons per day of Methanol from Thar Coal
2006-10	A Plant Design Report on Hydro -desulfurization of 25000 bbl/day of NAPHTHA
2006-10	A Plant Design Report on the Manufacturing of 250 MT of single sulphur Phosphate (SSP)
2006-10	A Plant Design Report on production of Diesel by Fischer Tropsch Synthesis using Syngas Produced by the Gasification of 50000 kg/h of Coal.
2005-09	A Plant Design Report on Hydro-Desulfurization of 34,000 bbl/day of Gas Oil
2005-09	A Plant Design Report on Production of 1100 Metric Tons per day of Ammonia from Natural Gas
2005-09	Chemical Plant Design Thesis on the Conversion of 16350 barrels per day naphtha into Gasoline
2005-09	A Plant Design Report on Production of 200 KTA of Ethylene by Steam Cracking of NAPHTHA
2005-09	A Plant Design Report on the production of 500 Liters / day of Bio-diesel from waste vegetable oil
2005-09	A Plant Design of 2736 MT/day of Urea Fertilizer by High Pressure Loop
2005-09	A Plant Design Report on Recovery of 1000 TPD High Octane Gasoline from Heavy NAPHTHA by Continuous Catalyst Regeneration (CCR) Plat Forming
2005-09	Research Process Project on Desulphurization of coal
2005-09	A Plant Design Report on Production of 2400 metric Tons per day of Ammonia from natural Gas
2004-08	A Plant Design Thesis on Synthesis of 2000 MTD of Urea by Aces Process
2004-08	Plant Design Thesis on the production of 1000 TPD of Urea from Carbon Dioxide & Ammonia
2004-08	A Plant Design Thesis on Catalytic Dewaxing of 1500 bbl/day Deasphalted Vacuum Gas Oil
2004-08	A Plant Design Thesis on the Production of 42 MMSCFD Hydrogen by Stream Reforming of natural Gas

Undergraduate Research Projects

Session	Title
2009-13	A Process Report on Proximate & Calorific analysis of Biomass.
2009-13	A Process Report on Proximate Analysis and Calorific Values of Indigenous Biomasses
2009-13	A Research Report on Production of Fumaric Acid from corn cobs and Fermentation of Glucose
2009-13	A Process Report on Recycling of Energetic Materials
2009-13	Process Report on Co-Combustion of Coal with Bagasse and Rich Husk in a Circulating Fluidized Bed combustor (CFBC)
2008-12	A process Report on Thermal Characterization of Coal and Biomass
2008-12	A Process Report on Pyrolysis and Analysis of Biomass
2008- 12	A Process Report on Co-Combustion of Coal and Agricultural Wastes in circulating Fluidized Bed Combustion (CFBC)
2007-11	A Process Report on Characterization of Biomass
2007-11	A Process Report on Deodorization of Liquefied petroleum Gas
2007-11	A Process Report on the Extraction of Algae Oil for the Production of Biodiesel.
2007-11	A Process Report on Water Treatment using Cation Exchange Resin
2006-10	A Process Report on the Performance of Industrial Evaporators
2006-10	Process Report on conversion of Waste Plastic into liquid Fuels by thermal Cracking
2006-10	A Research Report on the Preparation & Characterization of Heat Resistant Paint
2006-10	A Process Report on Formulation of Radiator coolant used in Automobiles
2005-09	Reclamation of Block spent Lube Oil 100000 Liters / Batch
2005-09	A Process Report on Study of Vacuum Filtration using rotary Drum Vacuum Filter
2005-09	A Research Project Design Report on manufacture of Bio-Diesel from Vegetable Oils
2005-08	A Process Report on Vapor Liquid Equilibrium of Benzene Toluene Binary Mixture
2005-08	A Process Report on Gaseous and Solid Emissions from Urea Fertilizer Industry
2005-08	A Process Report on Textile Pollution
2005- 08	A Process Report on Coal Desulfurization by Solvent leaching Methods
2004-08	A Process Report on the laboratory Scale Preparation of Lather Shaving Cream
2004-08	A Process Report on Urea Prilling & Granulation

*****End of Document*****