

FETTYE

DEPARTMENT OF PETROCHEMICAL TECHNOLOGY

YEARLY NEWSLETTER
JUNE 2016- MAY 2017



Vision:

TO BE A DEPARTMENT OF EXCELLENCE IN THE FIELD OF PETROCHEMICAL TECHNOLOGY.

Mission:

TO CRAFT THE STUDENTS AS POTENTIAL TECHNOLOGISTS ENDOWED WITH PRAGMATIC SKILLS.

TO PRODUCE COMPETENT ENGINEERS TO IDENTIFY THE EMERGING INDUSTRIAL, SOCIETAL NEEDS AND ADDRESS THE SAME THROUGH INNOVATIVE AND ECO-FRIENDLY SOLUTIONS.

TO FULFIL THE ASPIRATIONS AND EXPECTATIONS OF THE FUTURE GENERATION BY DESIGNING SUITABLE ACADEMIC, RESEARCH AND EXTENSION PROGRAMMES.





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EVENTS CORNER

TEQIP-II SPONSORED
INTERNATIONAL CONFERENCE ON TRENDS AND INNOVATIONS
IN CHEMICAL AND PHARMACEUTICAL TECHNOLOGIES
FEB 2-4 2017



THE DEPARTMENT OF PETROCHEMICAL AND PHARMACEUTICAL TECHNOLOGIES JOINED TOGETHER TO ORGANIZE THE INTERNATIONAL CONFERENCE TICPT-17. THIS CONFERENCE WILL ENLIGHTEN TO SHARE AND DISCUSS THE CUTTING EDGE RESULTS ON INNOVATIVE TECHNOLOGIES IN CHEMICAL AND PHARMACEUTICAL TECHNOLOGIES. THE CONFERENCE IS FOCUSSED TO DEVELOP THE NOVEL PROCESSES AND SYNTHESIS AND MANUFACTURING OF CHEMICAL, BIOLOGICAL AND MEDICAL PRODUCTS AND COMPONENTS IN THE CHEMICAL AND PHARMACEUTICAL FIELD. THIS CONFERENCE MADE A CONDUIT BETWEEN LEGENDS OF THREE DIFFERENT DEPARTMENTS AND GAVE OPPORTUNITY TO LISTEN FROM EXPERTS.

TEQIP-II SPONSORED

NATIONAL LEVEL CONFERENCE ON GREEN ENGINEERING AND
TECHNOLOGY FOR SUSTAINABLE FUTURE
SEPTEMBER 16 & 17 2016

THE AIM OF THE TWO-DAY NATIONAL CONFERENCE ON GREEN ENGINEERING AND TECHNOLOGIES FOR SUSTAINABLE FUTURE - 2016 IS TO PROVIDE A FORUM FOR RESEARCHERS IN ACADEMIC AND INDUSTRY TO SHARE AND DISCUSS THEIR CUTTING EDGE RESULTS ON THE USE OF GREEN ENGINEERING PROCESSES AND TECHNOLOGIES

THE RAPID INDUSTRIALIZATION AND TECHNOLOGICAL PROGRESS HAVE LED TO UNPRECEDENTED GROWTH DEVELOPMENT ACROSS THE GLOBE. BUT ITS ADVERSE EFFECTS ENCOMPASS DEGRADATION OF THE EARTH'S NATURAL RESOURCES AND THE EMISSION OF GREEN HOUSE GASES CAUSING IRREPARABLE DAMAGE TO THE ENVIRONMENT. A GLOBAL GREEN TECHNOLOGICAL TRANSFORMATION HAS BECOME IMPERATIVE WHICH ENVELOPES NEW SCIENCE, ENGINEERING AND TECHNOLOGY PATHWAYS ENSURING THE REDUCTION ON THE USAGE OF EARTH'S NON-RENEWABLE RESOURCES, DECREASING THE CARBON EMISSIONS AND REVERSAL OF ECOLOGICAL DESTRUCTION. IN THIS VIEW THE DEPARTMENT OF PETROCHEMICAL TECHNOLOGY PLANNED TO ORGANIZE TWO DAYS NATIONAL CONFERENCE ON GREEN ENGINEERING AND TECHNOLOGIES FOR SUSTAINABLE FUTURE. THE SCIENTIFIC PROGRAM WILL OFFER PLENARY LECTURES, SUBMITTED ORAL PRESENTATIONS AND POSTER SESSIONS







CFD Anna University Chennai Sponsored FACULTY DEVELOPMENT PROGRAMME ON FLUID FLOW OPERATIONS DECEMBER 19-25 2016

THIS PROGRAM AIMS AT IMPARTING THE BASIC CONCEPTS AND APPLICATIONS OF HYDROSTATICS, FLUID MECHANICS, DIMENSIONAL ANALYSIS, TRANSPORTATION & METERING AND LABORATORY SESSIONS TO THE ACADEMICIANS. PARTICIPATION IN THIS PROGRAMME WILL BE HELPFUL FOR EFFECTIVE TEACHING IN THE SUBJECTS LIKE FLUID MECHANICS AND APPLIED HYDRAULICS IN VARIOUS DISCIPLINES LIKE CIVIL MECHANICAL, AUTOMOBILE AND CHEMICAL/PETROCHEMICAL ENGINEERING











TEQIP-II SPONSORED
FACULTY DEVELOPMENT PROGRAMME ON ADVANCED
TECHNOLOGIES FOR SOCIETAL APPLICATIONS
JUNE 6-19 2016

THIS FDP IS AIMED AT TOWARDS EXPOSING THE YOUNG FACULTIES AND INDUSTRIAL PARTICIPANTS WITH RECENT ADVANCED TECHNOLOGIES FROM MULTI DISCIPLINES FOR THEIR RESEARCH AND PRACTICE.

THE TOPICS TO BE COVERED INCLUDE ADVANCED AND RECENT RESEARCH ACTIVITIES LEADING TOWARDS SOCIETAL DEVELOPMENT IN POLLUTION CONTROL, FOOD, PRODUCTION AND PRESERVATION, DRINKING WATER, PHARMACEUTICAL AND MEDICAL PRODUCTS, ALTERNATE ENERGY SOURCES, ADVANCED MATERIALS ETC.,







TEQIP-II SPONSORED SEMINAR ON ADVANCEMENTS IN REFINING OPERATIONS AND MANAGEMENT OF ALTERNATE SOURCES AUGUST 5-6 2016





THE OBJECTIVE OF THIS PROPOSAL IS TO COVER BOTH OLD AND THE LATEST AND EMERGING TECHNOLOGIES IN THE FIELD OF PETROLEUM EXPLORATION, REFINING AND PETROCHEMICAL. THE CHEMICAL AND PETROCHEMICAL INDUSTRIES ARE FACING MANY CHALLENGES DUE TO GLOBALIZATION AND ENVIRONMENTAL AWARENESS.

Nowadays energy labelling and eco - labelling of the industrial products have become mandatory forcing these industries to go for innovations and up-gradation of their technologies and operations resulting in zero discharge norms and use of clean technologies. This seminar focuses on the hurdles faced by these industries and is expected to throw some light on the various challenges faced by them which will enable these industries to move in the right direction and overcome the problems faced by them. Hence, this seminar will provide an excellent forum for exchange and dissemination

TEQIP - II SPONSORED INDUSTRIAL WORKSHOP - PETRO FUSION 17 JANUARY 9-10 2017

ABOUT THE PROGRAMME

THE AIM OF INDUSTRIAL WORKSHOP IS TO FOCUS ON NOVEL APPROACHES IN THE SOLUTION OF REAL LIFE PROBLEMS OF INDUSTRY, PRACTICAL ASPECTS OF IMPROVING TECHNOLOGY, AS WELL AS EXAMINING EMERGING ISSUES CHEMICAL AND PETROCHEMICAL INDUSTRIES. THIS **TEOIP** INDUSTRIAL WORKSHOP ALSO PROVIDES SPONSORED EXPERIENCES OF INDUSTRIALISTS, EXPERTS AND PROFESSIONAL WORKING IN CHEMICAL AND PETROCHEMICAL INDUSTRIES WITH FOCUS ON INNOVATIVE TECHNIQUES AND CASE STUDIES ON THE PRACTICAL PROBLEM FACED BY THE ENGINEERS AS WELL AS ENHANCE ENTREPRENEUR ATTITUDE OF BUDDING ENGINEER. THE WORKSHOP WILL INCLUDE KEYNOTE ADDRESSES, CONTRIBUTED LECTURES AND WILL PROVIDE A FORUM FOR COOPERATION STUDENTS AND INDUSTRIAL THE VARIOUS BETWEEN ORGANIZATIONS IN INDIA. THE WORKSHOP WILL DEFINITELY BE FRUITFUL FOR THE PARTICIPANTS TO GAIN AND IMPLEMENT NEW TECHNIQUES IN THEIR FIELD. THE RESOURCE LECTURES SESSION WILL BE A USEFUL FOR INDIVIDUALS ALSO INVOLVED IN RESEARCH.

















STAFF CORNER

PAPERS OF THE YEAR

Studies on Adsorption Behavior of Oil spills by Poultry Feathers



V.Velmurugan, S.Subash, V.Tamil selvan, K. Kumaraguru^a,

Abstract

Oil spill has been a major environmental problem for many decades since the exploitation of petroleum based energy resources. With the large number of offshore and onshore oil fields along with the transportation of crude oil and its products, the risk of oil spill increases accordingly. Big crude oil spill accidents have caused not only loss of the energy resource but also significant contamination to the environment and ecosystems, attracting intense attention in each occurrence. Small oil spills occur frequently, but with less notice worldwide on a daily basis on land, at sea, and throughout inland freshwater systems. The main methods for in situ oil spill cleanup include biodegradation, controlled burning, sorption, dispersion, along with chemical oxidation, filtration, membrane process, and adsorption for lower oil concentrations. In this research, the capability of the feathers as a sorbent towards the adsorption of oil is studied under various parameters such as temperature, time of contact and agitation. The recoverability of oil adsorbed and the reusability of the feathers were also analyzed to provide possible solutions to oil spills and poultry feather, and also recoverability and reusability of both oil and feather.

Phytosynthesized iron oxide nanoparticles and ferrous iron on fermentative hydrogen production using Enterobacter cloacae:

Evaluation and comparison of the effects

Sundaresan Mohanraj a, Shanmugam Kodhaiyolii a, Mookan Rengasamy b, Velan Pugalenthi a,*



Abstract

The effects of FeSO4 and synthesized iron oxide nanoparticles (0e250 mg/L) on fermentative hydrogen production from glucose and sucrose, using Enterobacter cloacae were investigated, to find out the enhancement of efficiency. The maximum hydrogen yields of 1.7 ± 0.017 mol H2/mol glucose and 5.19 ± 0.12 mol H2/mol sucrose were obtained with 25 mg/L of ferrous iron supplementation. In comparison, the maximum hydrogen yields of 2.07 \pm 0.07 mol H2/mol glucose and 5.44 \pm 0.27 mol H2/mol sucrose were achieved with 125 mg/L and 200 mg/L of iron oxide nanoparticles, respectively. These results indicate that the enhancement of hydrogen production on the supplementation of iron oxide nanoparticles was found to be considerably higher than that of ferrous ironsupplementation. The activity of E. cloacae in a glucose and sucrose fed systems was increased by the addition of iron oxide nanoparticles, but the metabolic pathway was not changed. The results revealed that the glucose and sucrose fed systems conformed to the acetate/butyrate fermentation type.



Application of Nano Composites in Desalination Process

G.Arun Kumar1, N.Jaya2 and B.Karpanai Selvan3



ABSTRACT

Till date polymeric membranes play a major role in Reverse Osmosis Desalination Industries. Many researchers have been concentrated in order to develop optimum polymeric membranes. The optimization is done in previous decades by controlling the membrane formation reactions and by use of catalysts and some additives but the emergence of Nano-technology in membrane could provide a better alternative for polymer based membranes. In this research a general review on different conventional membrane process that are currently employed are discussed and how Nanostructured membranes that can be employed which will enhance the Reverse osmosis desalination performance and but number of challenges remain with regard to their practical execution.



ACHIEVEMENTS

Dr. M. Rengasamy, MIE

Assistant Professor, Department of Petrochemical Technology, Bharathidasan Institute of Technology, Anna University, Tiruchirapalli, Tamilnadu

Title of Paper: "Castor Leaf Mediated Synthesis of Iron Nanoparticles for Evaluating Catalytic Effects in Transesterification of Castor Oil", RSC Advances, Vol. 6, 2016, pp. 9261–9269.

Co-author(s): V. Pugalenthi, K. Anbalagan, S. Kodhaiyolii

DR. M.RENGASAMY'S NAME APPEARED IN THE IEI EPITOME JANUARY EDITON IN PUBLICATIONS BY MEMBERS

DID YOU KNOW?

OCTANE RATING

OCTANE RATING IS A MEASURE OF A FUEL'S ABILITY TO RESIST 'KNOCK'. THE OCTANE REQUIREMENT OF AN ENGINE VARIES WITH COMPRESSION RATIO, GEOMETRICAL AND MECHANICAL CONSIDERATIONS AND OPERATING CONDITIONS. THE HIGHER THE OCTANE NUMBER THE GREATER THE FUEL'S RESISTANCE TO KNOCKING OR PINGING DURING COMBUSTION.

Publications on international journal by our staff



K. Kumaraguru, D. Vinoth, R. Sandeep Kumar, S.R. Lal and M. Rengasamy, "Mercury(II) ions removal by adsorption" Elixir International Journal, Special Issue. 102 (2017) 44236-44238



K. Anbarasi 1, D.Dhanaraja2 and G.
 Selvabharathi3 "Studies on Biological
 Treatment of Textile Effluent from CETP
 " (2017) Elixir Renewable Energy 44251
 44257



G. Selvabharathi 1, K. Anbarasi 2and S. Robert Ravi 3"Treatment of Tannery Water by Activated Sludge Process"(2017) Elixir Renewable Energy 44280 – 44285



Rajesh. K and Jaya. N, A Robust Planning Model of Sustainable Energy for Remote Communities, Elixir Renewable Energy 102 (2017) 44162-44167, ISSN NO: 2229-712X.





Muthukumarasamy, Balraj Baskaran, Siva Chidambaram, Optical and Electrical Characteristics of n-ZnSmO/p-Si Heterojunction Diodes, Applied Surface Science, Elsevier Publications, Volume 418, Part A, 1 October 2017, Pages 312-317 (Impact Factor :3.387)



AL. Mayilvahanan, N. Stalin, and S. Sutha, 2017, "Performance Enhancement of Photovoltaic Systems Using Dynamic Rule Soft Switching Controller Based Maximum Power Point Tracker" International Journal of Computational and Theoretical Nanoscience Vol. 14, 5215–5225, 2017





ALUMNI ARENA

NAME
YEAR PASSED
DESIGNATION
MANAGER, IOCL

: KATHIRAVAN : 2009

: ASSISTANT



NAME : LAKSHMI NARAYANAN

YEAR PASSED : 2008

DESIGNATION : KOMATSU INDIA

PRIVATE LTD

ENGINEER, SAIPEM



NAME : JAFFARALI MOHAMED

YEAR PASSED : 2006

DESIGNATION : OFFSHORE QC



NAME : KUMARAVEL DINESH

YEAR PASSED : 2008

DESIGNATION : NPDF, IISER

BHOPAL



NAME : HAMEED HUSSAIN

YEAR PASSED : 2014

DESIGNATION : ASST. PROFESSOR,

DHAANISH AHMED COLLEGE OF

ENGINEERING

STUDENTS CORNER

STUDENTS PARTICIPATION IN CONFERENCE AND SYMPOSIUMS

Name	Symposium	International/National conference
R.Arun	TECHFINIX 16, Technical Symposium, Paavai Engineering College, Namakkal, Technical Fest, Tamil Nadu.	National Conference on Futuristic Trends in Biotechnology & Computational Biology. School of Bio Sciences and Technology, VIT University, Vellore, Tamil Nadu, India 13 & 14 October, 2016
P.Leela	Synthesis and characterization of Dendrimer – Conjugated Magnetic Nanoparticles for removal of Mercury (II) from Aqueous Solutions	TEQIP II Sponsored International conference on Trends and Innovations in Chemical & Pharmaceutical Technologies(TIPCT 2017) 2 - 4, February 2017, BIT Campus, Anna University, Tiruchirappalli
Gokulakrishnan M.V,	Equilibrium and kinetic study on Chromium VI removal from synthetic and industrial wastewater using marine algae as novel biosorbent	International conference on technology development on agriculture, energy and environmental engineering for green world organized by department of biotechnology, Vivekanantha college of engineering for women Tiruchengode from 21 to 22 February 2017



Aravinthan, Yuvakumar	Reclamation of used oil by solvent extraction method	International conference on technology development on agriculture, energy and environmental engineering for green world organized by department of biotechnology, Vivekanantha college of engineering for women Tiruchengode from 21 to 22 February 2017
V.Boobalan, R.Arun	optimization study of scarlet red degradation by electrofenton process	International Conference on recent trends in science, engineering and management 10 &11 march 2017, Karpaga Vinayaga College of Engineering and Technology, Chennai
Sanjeevi	Manufacture of Ammonia by Haber Process	International conference on Adaptive technologies for sustainable growth organized by Department of biotechnology, Paavai Engineering College, 17&18 march 2017
Purushothaman	Hexane from light straight run gasoline and diaromatization using NMP as alternate solvent	International conference on Adaptive technologies for sustainable growth organized by Department of biotechnology, Paavai Engineering College, 17&18 march 2017
S.R.Lal	Application of chitosan for dye removal from textile wastewater by adsorption	National conference on futuristic trends in biotechnology and computational biology Organized by School of bio sciences and technology, VIT University during 13&14 October 2016

INDUSTRY INTERACTION/INTERNSHIP

STUDENTS PARTICIPATED	INDUSTRY
Abarna R, Basith L, Mohanraj P, Rajkumar S	Cetex Petrochemicals limited
Arun B, Boobalan V, Kamatchi Raja K, Keerthana A, Purushothaman R, Sathyasai Rengam B	Chennai petroleum corporation limited
Ajin R, Akila Devi G	DCW limited Chennai
Raghu Kumar G, Sivakarthik P	Hindustan Organic Chemicals Limited, Kerala
Lal S R, Sandeep Kumar R, Vinoth D	Tamilnadu petroproducts Limited, Chennai
Gangatharan A, Karthikeyan S, Sanjeevi S, Sathish P, Venkatesan M, Mohan Kumar C, Yuvaraj D	The Fertilizers and Chemicals Travancore Itd
Leela P, Gowtham G	ONGC Mangalore

STUDENTS PARTICIPATION IN SYMPOSIUMS

Student's Name	Participated Symposiums
T.Balaji Muthumanickam	National Conference on Futuristic Trends in Biotechnology & Computational Biology. VIT University, Vellore Tamil Nadu, India 13 & 14 October, 2016
V.Boobalan	National Conference on Futuristic Trends in Biotechnology & Computational Biology
B.Jamal mohammed ali	National Conference on Futuristic Trends in Biotechnology & Computational Biology,
S.r.lal	National Conference on Futuristic Trends in Biotechnology & Computational Biology
R.murugan	National Conference on Futuristic Trends in Biotechnology & Computational Biology
R.Sandeep kumar	National Conference on Futuristic Trends in Biotechnology & Computational Biology
S.sanjeevi	National Conference on Futuristic Trends in Biotechnology & Computational Biology
D.vinoth	National Conference on Futuristic Trends in Biotechnology & Computational Biology,

STUDENTS ACHIEVEMENTS





Our third year students **Vedhagiriswaran** and **Vinoth raj** paper on "Study on oil extraction from jackfruit seed and its application in biodiesel production" has been published in the international journal, The Elixir, ISSN 229-712X, Renewable energy, 102(2017)

DID YOU KNOW?

CRUDE OIL IS MEASURED IN BARRELS, WHICH ARE EACH EQUIVALENT TO 42 U.S. GALLONS.

ONE BARREL OF OIL ACCOUNTS FOR ABOUT 19.15 GALLONS OF GASOLINE, 9.21 GALLONS OF DIESEL, 3.82 GALLONS OF JET FUEL, 1.75 GALLONS OF HEATING OIL AND ABOUT 7.3 GALLONS FOR OTHER PETROCHEMICAL PRODUCTS LIKE TAR, ASPHALT, BITUMEN, ETC



SPORTS FEST



Our department students won the volleyball cup in KRIDA -16



Our Department Marchpast photos

Krida - 17 achievements

Volley ball - 1st palce

Basketball - 4th place

Hockey - 3rd place

Badminton - 4th place

Chess mens - 3rd place

Tennicoit - 4th place

100 m, 200m race - 1st place

400m relay -2nd place



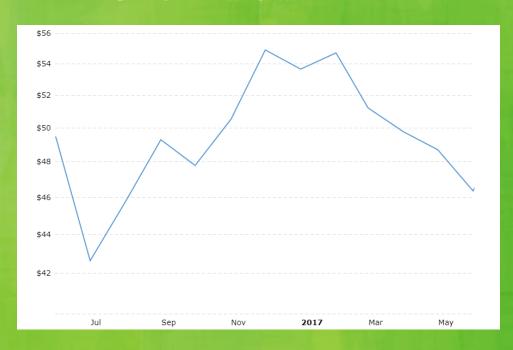




Our department students' NCC camp **Photos**

FACTS SHEET

CRUDE OIL PRICE DURING JUNE 2016-MAY 2017



DID YOU KNOW?

OIL WAS FIRST SUCCESSFULLY DRILLED IN THE U.S. IN TITUSVILLE, PENNSYLVANIA, IN 1859.

DIESEL FUEL PRODUCED ABOUT 11% MORE ENERGY THAN AN EQUAL VOLUME OF GASOLINE AND ACTUALLY PRODUCES SLIGHTLY LESS CARBON DIOXIDE EMISSIONS.

THE LARGEST OIL SPILL IN HISTORY, THE DEEPWATER HORIZON OIL SPILL IN 2010, SPILLED 4.2 MILLION BARRELS OF OIL INTO THE GULF OF MEXICO.

INDIA'S TOP 5 PETROCHEMICAL INDUSTRIES

1. RELIANCE PETROCHEMICALS



RELIANCE PETROCHEMICALS SHOULD
RANK AS A REFINERY UNIT BECAUSE OF
THEIR OIL EXPLORATION ACTIVITIES IN
THE KRISHNA GODAVARI BASIN.
HOWEVER, THEY ARE THE WORLD'S
LARGEST PRODUCERS OF INTEGRATED

POLYMERS, ELASTOMERS, ETC. PART OF A LARGER CONGLOMERATE, RELIANCE PETROCHEMICALS HAS ACHIEVED ANNUAL SALES OF Rs. 233,158 CRORES ALONG WITH A PROFIT OF Rs. 27,417 CRORES IN 2015-16. THESE ASTRONOMICAL FIGURES ARE REASON ENOUGH FOR ITS INCLUSION AT THE TOP OF THE LIST.

2. CASTROL



SOME OF THE MOST NOTABLE PRODUCTS OF THE PETROCHEMICAL

INDUSTRY ARE THE AUTO LUBRICANTS AND THE AUTO FUELS. WHEN IT COMES TO AUTO LUBRICANTS, NO ONE CAN HOLD A CANDLE TO CASTROL INDIA IN THIS COUNTRY. PART OF A LARGER CASTROL LIMITED UK, THIS COMPANY HAS ITS INDIAN HEADQUARTERS IN MUMBAI. THEY HAVE RECORDED ANNUAL SALES OF RS. 3298 CRORES IN INDIA IN 2014-15 WITH A NET PROFIT OF RS. 615 CRORES THEREBY ENABLING THEM TO RANK AT NO 2.



3. FINOLEX INDUSTRIES



BASED IN PUNE,
FINOLEX GROUP ARE THE
LARGEST
MANUFACTURERS OF
PVC PIPES IN INDIA, IN

ADDITION, THEY MANUFACTURE WIRES AND CABLES OF THE HIGHEST QUALITY. THEIR PETROCHEMICALS DIVISION, FINOLEX INDUSTRIES LTD CATERS TO THEIR ENTIRE REQUIREMENT OF PVC. THEY HAVE ACHIEVED SALES TURNOVER OF Rs. 2454 CRORES IN 2015-16. THEIR PROFIT OF Rs. 234 CRORES IS AMONG THE HIGHEST IN THIS INDUSTRY SECTOR. THIS MAKES THEM A WORTHY ENTRANT AT NO 3 IN THIS LIST.

4. SUPREME PETROCHEM



SUPREME PETROCHEM LTD

AT NO 4 ON THIS LIST, WE HAVE AN UPCOMING PETROCHEMICAL INDUSTRY, SUPREME PETROCHEM LTD. THIS COMPANY HAS TWO PRODUCTION FACILITIES, AT NAGOTHANE IN MAHARASHTRA, AND

MANALI IN CHENNAI. ONE OF THE LEADING MANUFACTURERS OF POLYSTYRENE, EXPANDABLE POLYSTYRENE, AND SPECIALTY POLYMERS IN INDIA, THIS COMPANY HAS ACHIEVED THE SALES TURNOVER OF RS. 2068 CRORES AND A PROFIT OF RS. 56 CRORES IN 2015-16. WITH A MARKET CAPITALIZATION OF RS. 3025 CRORES, THIS COMPANY IS A FIT NO 4 IN THIS LIST OF THE TOP PETROCHEMICAL COMPANIES IN INDIA.

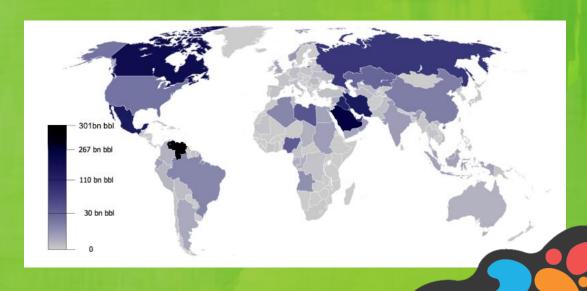
5. NOCIL LIMITED



PREVIOUSLY KNOWN AS NATIONAL
ORGANIC CHEMICALS INDIA LIMITED,
NOCIL BELONGS TO THE ARVIND
MAFATLAL GROUP OF COMPANIES.
INCORPORATED AT MUMBAI IN 1961,
NOCIL IS ONE OF THE LARGEST
MANUFACTURERS OF VULCANIZED RUBBER

IN THE COUNTRY. HAVING THE REPUTATION OF BEING THE LARGEST MANUFACTURER OF RUBBER CHEMICALS IN INDIA, THEIR PRODUCTS PILFEX ANTIDEGRADANTS, ETC. HAVE WIDE INTERNATIONAL APPEAL AS WELL. VERY RECENTLY, IN 2012-13 THEY SET UP A NET PLANT AT DAHEJ IN GUJARAT. THEY MANAGED AN ANNUAL SALES FIGURE OF RS. 715 CRORES AND A PROFIT OF RS.78 CRORES IN 2015-16. FOR ITS LONGEVITY IN THE FIELD AND TRUSTWORTHINESS OF THEIR PRODUCTS, THEY RANK AT NO 5 ON THIS LIST OF THE TOP 10 PETROCHEMICALS INDUSTRIES IN INDIA.

A MAP OF WORLD OIL RESERVES ACCORDING TO OPEC





GO GREEN!

