

## **List of Research Papers Published**

1. **“Cyanolipids in Lepisanthes Tetraphylla seed oil”**  
Yousuf A. Roomi, V.K. Srivastava, S.Q. Hasan  
Journal of Oil Technologist’s Association of India (JOTAI) , 30, 65, 1998.
2. **“Cyanolipids in Sanpindus Obovatus Seed Oil and Reinvestigation of seed oil of Heliotropium Indicum, H. Eichwaldi and D. Viscosa”**  
Km. Sarita Rawat, Smt. Geeta Nigam, V.K. Srivastava & S.Q. Hasan.  
Journal of Oil Technologist’s Association of India (JOTAI) , 34, 69, 2002.
3. **“Study of Indigenous Seed oils”**  
V.K. Srivastava, Sarita Rawat & S.Q. Hasan  
Journal of Oil Technologist’s Association of India (JOTAI) , 34, 117, 2002.
4. **“Study of Six Indigenous oil seeds”**  
V.K. Srivastava, Sarita Ravat & S.Q.Hasan.  
Journal of Oil Technologist’s Association of India(JOTAI),34, 149, 2002.
5. **"Ambient Air Quality Status of Gandhinagar City"**  
V.K.Srivastava and C.Pathak  
Journal of Indian Association for Environmental Management (JIAEM),  
Volume 36, No.2, pp.88-91, 2009.
6. **“Comparative Study Of Catalyst Performance For Biodiesel Production”**  
V.K.Srivastava, & Chintan Pathak  
Journal of Oil Technologist’s Association of India (JOTAI), Volume 42,  
No.2, 64-65, 2010.
7. **“Ambient air quality status of Ahmedabad city”**  
V.K. Srivastava and Chintan Pathak,  
Journal of Indian Association for Environment Management (JIAEM), NEERI,  
*Vol.37 (2&3), 137-141, 2010*
8. **“Ground water quality status of Ahmedabad city”.**  
V.K. Srivastava and Chintan Pathak,  
Journal of Indian Association for Environment Management (JIAEM), NEERI,  
*Vol.38(1), 26-29, 2011*
9. **“Oil-Water Separation from Waste Oily Mixture by Physical Treatment”**  
V.K. Srivastava and Chintan Pathak,  
Asian Journal of Water, Environment and Pollution (AJWEP), *Vol.8(3),47-50 , 2011*
10. **"Water quality status of river Sabarmati within Ahmedabad city"**  
V.K.Srivastava and Chintan Pathak  
Asian Journal of Water, Environment and Pollution (AJWEP) *Vol.9(2), 85-90, 2012.*
11. **“Oil-Water Phase Separation using Fly Ash Zeolite Treatment”**  
V.K.Srivastava and Chintan Pathak  
International Journal of Current Research and Review (IJCRR) *Vol.4(8), 155-167, 2012.*
12. **“Optimization of Zeolite Synthesis using Microwave Assisted Acid Digestion Method”.**  
V.K.Srivastava, D.N.Singh and Chintan Pathak  
International Journal of Current Research and Review (IJCRR) *Vol.4(9), 83-94, 2012.*

13. **“Silica Reduction Technology for Fly Ash Zeolite Synthesis”**.  
V.K.Srivastava and Chintan Pathak  
International Journal of Pure and Applied Science and Technology (IJPAST)  
*Vol.9(1), 47-51,2012*
14. **“Energy recovery from crude oil residue using thermal plasma pyrolysis”**  
V.K.Srvastava and S.K.Nema  
the proceedings of Journal of Solid Waste Technology and Management 878-882,  
*2013*
15. **“Application of Silica Reduction technology for fly ash zeolite synthesis”**  
V.K.Srvastava and Chintan Pathak  
the proceedings of Journal of Solid Waste Technology and Management 1298-  
*1303, 2013*
16. **“Thermal plasma pyrolysis of crude oil residue using catalysts”**  
V.K.Srvastava and S.K.Nema  
the proceedings of Journal of Solid Waste Technology and Management 74-81,  
*2014*
17. **“Recent advances in synthesis of Zeolite from fly ash”**  
V.K.Srivastava and Khusbu Patel  
International Journal of Research and Scientific Innovation, *Vol.1(VII), 209-212,2014*
18. **“Verification of waste water treatment process by assessing the physio chemical parameters”**  
V.K.Srivastava and Rahul Sukharia  
International Journal of Research and Scientific Innovation, *Vol.1(VIII), 461-464,2014*
19. **“Aphron Drilling Fluids: A solution for depleted reservoirs”**  
V.K.Srivastava and Rakshith Shettigar  
International Journal of Research and Scientific Innovation, *Vol.1(VIII), 454-456,2014*
20. **“Green Technology and Sustainable Development of Environment”**  
V.K.Srivastava and S.J.Varjan  
International Renewable Research Journal, *Vol.3(I), 244-249,2015*

#### **List of Research Papers Presented**

1. **Study of Indigenous oil Seed – III**  
Presented by **V.K.Srivastava** & S.Q. Hasan  
In 55<sup>th</sup> Annual Convention of OTAI on 18<sup>th</sup> November’2000 at Indian Institute of Chemical Technology (IICT), Hyderabad.
2. **“Magics of Indegenous Seed Oils”**  
Presented by **V.K.Srivastava** & S.Q. Hasan  
In 55<sup>th</sup> Annual Convention of OTAI on 18<sup>th</sup> November’2000 at Indian Institute of Chemical Technology (IICT), Hyderabad
3. **“Cyanolipids in Sapindaceous Seed Oils”**  
Presented by **V.K.Srivastava** , Sarita Rawat & S.Q. Hasan  
Research Paper accepted For 23<sup>rd</sup> IUPAC – 2002 International Symposium on Chemistry of Natural Products, and presented on 28<sup>th</sup> July – 2<sup>nd</sup> August’2002 at Italy.
4. **“Hard water – A Curse to the society”**

Presented by **V.K.Srivastava** in a STTP entitled “Principles of effective Teaching for Engineering College Teacher at on 2<sup>nd</sup> August’2004 at Global Academy of Technology, Bangalore

5. **“Reverse Osmosis – A unique Technique for Desalination of Brackish Water ”**  
Presented by **V.K.Srivastava** in a STTP entitled “Principles of effective Teaching for Engineering College Teacher at on 13<sup>th</sup> August’2004 at Global Academy of Technology, Bangalore.
6. **“International and National Food Standards with respect to Oils and Fats”**  
Presented this paper in International seminar on “New Horizons in Lipids and Speciality Oleochemicals” on 2<sup>nd</sup> -3<sup>rd</sup> December’2005 at Indian Institute of Chemical Technology (IICT), Hyderabad.
7. **“Technological Trends in Municipal Solid Waste Management”**  
Presented by **V.K.Srivastava** in National Conference on Chemistry for Protection of Environment (NCCPE-2009) 18<sup>th</sup> -19<sup>th</sup> December-2009 at PIET, Nagpur.
8. **“Oil Water separation from oily mixture collected from Automobile Industry using Physical treatment”**  
Presented by **V.K.Srivastava** in National Conference on Chemistry for Protection of Environment (NCCPE-2009) 18<sup>th</sup> -19<sup>th</sup> December-2009 at PIET, Nagpur.
9. **“Zeolite nanoslabs- Building Blocks for porous material”**  
Presented by **V.K.Srivastava** in National Conference on Nano materials and Nano technology (NCNN-2010) 18<sup>th</sup> -20<sup>th</sup> January-2010 at VNIT, Nagpur.
10. **“SAXS and TEM study of Zeolite nanslabs”**  
Presented by **V.K.Srivastava** in National Conference on Nano materials and Nano Technology (NCNN-2010) 18<sup>th</sup> -20<sup>th</sup> January-2010 at VNIT, Nagpur.
11. **“Ambient Air Quality Status of Gandhinagar-The Capital of Gujarat”**  
Paper accepted and presented by **V.K.Srivastava** in International Congress of Environmental Research (ICER-2010) on 16<sup>th</sup>-18<sup>th</sup> September-2010 at University of Mauritius, Reduit, Mauritius
12. **“Environmental Management System of drilling operation in Petroleum Industries”**  
Presented by **V.K.Srivastava** in Vigyan Parishad Science Excellence on 8<sup>th</sup> January-2011 at Gujarat University, Ahmedabad.
13. **“Research Activities at Pandit Deendayal Petroleum University”** Presented by **V.K.Srivastava** in Takniki evam Vaigyanik Jagrukta hetu Hindi ke Upyog par Rashtriya Sammelan” on 27<sup>th</sup> - 28<sup>th</sup> January-2011 at Institute for Plasma Research (IPR) University, Gandhinagar.
14. **“Physical Treatment of waste oily mixture of Automobile Industry to separate oil for pollution control”** Presented by **V.K.Srivastava** in National Symposium on Advances in separation and purification Science and Technology (NSST-2011) on 4<sup>th</sup> - 5<sup>th</sup> February-2011 at G.H.Patel College of Engineering and Technology (GCET), Vallabh Vidya Nagar.
15. **“Environmental Issues and Challenges of onshore drilling in Petroleum Industries”**  
Presented by **V.K.Srivastava** in National Conference on Environment and Sustainable Development on 15<sup>th</sup> and 16<sup>th</sup> March, 2012 at Central University of Gujarat, Gandhinagar.

16. **“Performance Evaluation of the Waste Water Treatment Plant of a Chemical Industry in South Gujarat”**  
By Rahul Sukharia V.K.Srivastava; Presented this research paper in National Seminar on Advances in Environment Science and Technology held on 25<sup>th</sup>- 26<sup>th</sup> February-2014 at Central University of Gujarat, Gandhinagar
17. **“Green Bromination method for Aniline and Anisol using Ammonium Bromide and Hydrogen Peroxide in Acetic Acid”**  
By V.K.Srivastava, Khusbu Patel; Presented this research paper in National Seminar on Advances in Environment Science and Technology held on 25<sup>th</sup>- 26<sup>th</sup> February-2014 at Central University of Gujarat, Gandhinagar
18. **“Management of Drilling Waste generated during Offshore Drilling”**  
By Rakshith Shettigar, V.K.Srivastava; Presented this research paper in National Seminar on Advances in Environment Science and Technology held on 25<sup>th</sup>- 26<sup>th</sup> February-2014 at Central University of Gujarat, Gandhinagar
19. **“Thermal plasma pyrolysis of crude oil residue using catalysts”**  
By V.K.Srvastava and S.K.Nema  
Presented this research paper in 29<sup>th</sup> International Conference on Solid waste Technology and Management at Philadelphia, USA during 30<sup>th</sup> March – 2<sup>nd</sup> April 2014
20. **"Aphron Drilling Fluids a Solution for Depleted Reservoirs"**  
By Rakshith Shettigar, V.K.Srivastava; Paper presented in International Conference on Multidisciplinary Research & Practice (ICMRP-2014) to be held on 30<sup>th</sup> November-2014 at Ahmedabad Management Association, ATIRA Campus, Ahmedabad
21. **"Recent Advances in the Synthesis of Zeolite from Fly Ash"**  
By Khusbu Patel, V.K.Srivastava; Paper presented in International Conference on Multidisciplinary Research & Practice (ICMRP-2014) to be held on 30<sup>th</sup> November-2014 at Ahmedabad Management Association, ATIRA Campus, Ahmedabad
22. **"Verification of Waste Water Treatment Process by Assessing the Physico Chemical Parameters"**  
By Rahul Sukharia, V.K.Srivastava; Paper presented in International Conference on Multidisciplinary Research & Practice (ICMRP-2014) to be held on 30<sup>th</sup> November-2014 at Ahmedabad Management Association, ATIRA Campus, Ahmedabad

## **26. List of Book Published:**

1. **“ Laboratory Manual of Engineering Chemistry”**  
[For B.E.-I, All Branches & B.E.-II Chemical Engineering Branch of all Engineering Colleges of Veer Narmad South Gujarat University, Surat, National Institute of Technology (NITs) and other Engineering Colleges of other States of India]  
Author : **Dr. V.K. Srivastava**  
Publisher : Atul Prakashan, Ahmedabad
2. **“State of Environment Report on Energy sector”**  
**Lead Author: Dr.V.K.Srivastava**  
Published for Gujarat Ecology Commision, Department of Forest and Environment, Government of Gujarat.