

Brief Resume: Dr. Ashish Nagar

Postal Address (Res):

C-12/404, Monalisa, Manjalpur, Vadodara,
390011, India Telephone No. +91-9969220152

drashishnagar@gmail.com

Educational Qualification:

- ❖ Phd (Organic Chem.), Delhi University, India.
- ❖ Post Doctorate, Bose Research Institute, Kolkata
- ❖ Post Doctorate, Institute for Chemical, Research, **Kyoto Univ. Japan**
- ❖ 55 Research papers in National and international journals
- ❖ 45 R & D reports on oil field Chemistry

Areas of Interest:

- ❖ Geochemical characterization of crude oil
- ❖ Transportation of crude oil
- ❖ Pipeline designing
- ❖ Mitigation of paraffin and asphaltene problems
- ❖ Flow Assurance
- ❖ Tank bottom sludge

- ❖ Scale Inhibition
- ❖ Natural Products

Experience:

- ❖ 35 years in premier oil company of India, ONGC.

Present Assignment:

- ❖ Working as Professor (Chemistry) at PIAS,Parul University,Vadodara .

Awards

- ❖ **“Japanese Govt. Scholarship”** (1986-1988) Recipient of Postdoctoral fellowship at Institute of Chemical Research ,Kyoto University, Japan in the area of Petroleum Biotechnology.
- ❖ **GGM (Expl.)** ONGC (1997), for Program of work of entire western region.
- ❖ **C&MD award** from C&MD, ONGC (1998), for developing Resistivity Test Apparatus for measuring “a,m,n” parameters at insitu. Conditions.
- ❖ **GGM (Chem.)** ONGC in1999, for Service level agreement presentation in western region.
- ❖ **C&MD award** from C&MD, ONGC (2004), for best technical paper entitled ‘Innovative downhole squeeze technology for improved oil recovery-a case study
- ❖ **Century Club Award** at SPE,ATCE -2007 Anaheim, **California**
- ❖ **Merit Certificate & Cash Award** of ED ,MH Asset as member MDT team on flow Assurance (2010)

Honors/Honorary Positions

- ❖ Treasurer SPE Mumbai-2004
- ❖ Secretary SPE Mumbai-2005,2006
- ❖ Membership Chairman SPE Mumbai-2007
- ❖ Member Steering committee SPE-ATW on “Artificial Lift” Mumbai
- ❖ Member Steering committee Conference on “Gas to Cash’ Mumbai
- ❖ Member Steering committee “Conference on Offshore Emerging Technology”
- ❖ Member Steering committee SPE Middle East Oil & Gas Show (**MEOS**),Bahrain, 2007
- ❖ Member Steering committee SPE /IADC conference at Mumbai
- ❖ Chaired the session on Intelligent well completion at **MEOS,Bahrain**
- ❖ Chief Faculty on “Oil Field Emulsion Technology “ at ONGC Academy 2000-2008
- ❖ Chaired the session on LAWSPS Symposium,Mumbai
- ❖ SPE Section Meeting at ATCE -2007 **Anaheim, California**
- ❖ Member Technical committee SPE International conference & Exhibition at Mumbai March-2008
- ❖ Chaired the session on “Int conference on Bioengineering & Biosciences” at Parul University March -2018

Membership

- **Life Member** SPE (Membership No.3005422)
- **Life Member** (Japan Chemical Society)
- **Life Member** (AIC)
- **Life Member** SPG

Imparted Summer training (4 months)

S.N.	Name	Year	Univ/Inst
1	Rahul Pai	2007	IIT,Mumbai, Study of the Operations at ONGC Trombay Terminal
2	Siddharth Palrecha	2007	IIT,Mumbai. Study of the Operations at ONGC Trombay Terminal
3	Pankaj Kumar	2008	Role of chemicals in offshore operations and visit to uran & Trombay, BIT,Sindri
4	Chinmay	2008	
5	Anshuman	2012	Manipal Inst of Technology “Study of oil production operations and determination of wax and Asphaltene content in crude oil”
6	Himan Chandra	2014	IIT,Mumbai, Role of Demulsifier in offshore operations and visit to Uran & Trombay”
7	Rupali Dubey	2015	Role of demulsifier in offshore operations and visit to uran & trombay” Inst of Science ,Mumbai,
8	Jayprakash Patel	2018	Parul University
9	Rasika Minde	2019	Studies on Emblica officinalis & synthesis of Chalcone,Journal of Emer Tech & Innov research,JETIR1904D19,Vol6,Issue 4
10	Aarti Yadav	2019	Isolation of Chemical components of Rosa rubiginosa & synthesis of 2-hydroxy Chalcone, Journal of Emer Tech & Innov research Parul University , JETIR206836,Vol6,Issue 4
11	Parth Pathak	2019	Demulsification studies on Western onshore crude oils, Journal of Emer Tech & Innov research ,JETIR1904D19,Vol6,Issue 4
12	Archana Chaudhari	2019	PPD studies on Western onshore Crude oils, Journal of Emer Tech & Innov research ,JETIR1904D19,Vol6,Issue 4

13	Krishna Patel	2019	Evaluation of waxy crude oil characteristics & its significance, Journal of Emer Tech & Innov research, JETIR1904C08 , Vol6, Issue 4
14	Jinal Patel	2020	Phytochemical examination of Aloe vera Leaves Published in : International Journal of Emerging Technologies and Innovative Research (JETIR) ISSN-2349-5162, JETIR July 2020, Volume 7, Issue 7, Page no.: 786-794 JETIR2007097
15	Karan Borsania	2020	Phytochemical studies of Fragaria ananassa (Strawberry Fruit) JETIR2007097
16	Samarth Korat	2020	Phytochemical studies on the Leaves of Piper Betle JETIR2007216
17	Laushik Jalu	2020	Phytochemical studies of Leaves Justicia Gendarussa JETIR) ISSN-2349-5162, JETIR July 2020, Volume 7, Issue 7, Page no.: 1747-1754 JETIR2007216
18	Rakesh Rathwa	2020	Phytochemical examination of Butea Monosperma Flower JETIR2007097
19	Hiren Vidja	2020	Synthesis of Chalcones (JETIR) ISSN-2349-5162 JETIR July 2020, Volume 7, Issue 7, Page no.: 915-923 JETIR2007415
20	Bharat Shiyaliya	2020	Synthesis of Chalcones JETIR2007415
21	Pouth Danny S		Crude Oil scenario and cost of Barrel IJAEM Vol 2, Issue 9, 705-709, 2020
22	Tcheuffa Dansi Larissa		Pour point Depressant studies on Western Onshore crude oil INTERNATIONAL JOURNAL OF ADVANCE SCIENTIFIC RESEARCH AND ENGINEERING TRENDS Vol 6, Issue 6, 2021

23	Foka tagnejeanlin		Effect of Covid-19 in Oilfield sector in Southern region of Africa JETIR October 2020, Volume 7, Issue 10
24	Foka Tagnejeanlin		Physico-chemical studies of crude oil of Western Onshore International journal of advance scientific research and engineering trends Vol 6, Issue 6, 2021
25	Noubi Keumoe Junior Hyacinthe		Cameroon Oil and Gas Industry IJAEM Volume 2, Issue 8, pp: 698-702, 2020
26	Noubi Keumoe Junior Hyacinthe		Demulsification studies of Crude oil International journal of advance scientific research and engineering trends Vol 6, Issue 6, 2021
27			
28	Soppo Soppo Emmanuelle		Studies on produced water of Western Onshore field
29	Aakash Patel		Indian Pharmaceutical Industry- A new perspective (IJAEM) Volume 3, Issue 3 Mar. 2021, pp: 1005-1011
30	Aakash Patel		Phytochemical examination of Coriander leaves

Ph.D Students

1	Jitendra Rathod	1979/Delhi Univ	Natural Products
2	Hemant Sony	2004/MS Univ Baroda	PPD and its effect on Crude oils

LIST OF TECHNICAL PAPERS PRESENTED/PUBLISHED

1. Synthesis of Lupinifolin
Tett. Letters,p.2034,1978.,UK
2. Chemical components of the Seeds of Milletia Pendula
National Academy Science Letters, 1978 1(10,368)
3. Arjunone : A new flavone from Terminalia Arjuna
Phytochemistry , 1979, 18(7), 1245.,Germany
4. Arjunone: a new flavanone from Terminalia Arjuna its constitution and synthesis.
Plant Medica, 1979, 37, 183.,France
5. Synthesis of some 2',4' Dimethoxylated Flavonoids
Proc. Nat,Acad. Sc.INDIA,52(A),1,1982
6. New Phenolic Components of Didymocarpus Pedicellata
Phytochemistry, 1981 43,86.
7. Chemical Investigation of the Stem Bark of Canthium Dicocum
J.Ind Chem. Soc., 1982, Lix 418.
8. Minor Constituents of Militia Pendula
Nat.Acad.Sci,53(A),II,1983
9. Chemical components of Bark and Pods of Milletia Pendula.
Nat Acad. Sc.Letters, VOL 1,NO.10,1983

10. Macrocarposide – A new Isoflavanone C-glycoside from Pterocarpus Macrocarpus.
Planta Medica,1986,4,315.
11. Stereochemical Control in Microbial Reduction
Bull Chem Soc .Japan.,1989 62,1179.
12. Determination of the configuration of Diastereoisomers of 2-Alkyl ,3-hydroxy Butanoate with Gas chromatography
Bull Chem Soc. Japan 1990, 63,298.
13. Need of Environmental Management.
Journ. Of ONGC vol 11 Sept.89 “BLACK GOLD ”
14. Microbial enhanced oil recovery in eastern region Oil fields,
Regional sym. On Hydrocarbon deposits of N.E. India, Guwahati
15. Impact of Oil Industry on Environment and Microbial combatment.
Presented at Reg. Sym. On Hydrocarbon.Deposit of N.E.India,Guwahati
16. Utility of Bio-technology in oil industry
Int.Conf on Sci.& Technology ,Delhi-1990.
17. Indian West Coast Oil Pollution – A Remedy.
Int. Conf. On Sci.& Technology , Delhi-1990.
18. Geochemical characterization and oil/oil correlation studies of oils
Occurring in multilayered reservoirs of Cambay basin
Ind Sci.Cong 1994, Goa

19. Paraffin Control in Gandhar Oil Field.
SPE, NIS,93085,1995
20. Application of Rheological Properties of Dahej Crude oil
In Petroleum Transportation
Ind.Sci.Cong 1995,Calcutta.
21. Molecular Interfacial Chemistry identifies Production
Problems in Gandhar oil fields.
Petrotech ,1995
22. Comprehensive studies on brine chemistry of low
Resistivity pay sands of Gandhar oil field (India)
Petrotech,95
22. Application of Rheological Properties of
Difficult to handle Crude oil in Transportation of pipeline design.
Petrotech ,1995
24. Efficient dehydration of produced emulsions from Bechraji oilfield –
An interfacial Chemistry approach.
Petrotech,97
25. Simulation and operation design for efficient pipeline
Transportation of crude oil North Cambay Basin, India
Petrotech ,2001
26. Petrophysical studies of low resistivity sand GS-11 of Gandhar oil field.

Petrotech ,2001

27. Innovative downhole squeeze technology for improved oil recovery –A case study
SPG-2002
28. Chemical pigging in 8” extension pipeline of Limbodra –LAWPSP SYMPOSIUM
2003
29. Tank Bottom sludge and techno economically viable chemical solution
Petrotech ,2003
30. Chemical intervention technique for paraffin deposition problem in
underperforming wells of Cambay Basin. IORS-2003
31. Designing of viable remedial measures to control paraffin deposition in a pipeline.
Petrotech ,2005
32. A novel chemical solution for smooth transportation of highly Paraffinic crude oil
Petrotech ,2005
33. Produced water handling and re-injection leading to zero discharge philosophy in
Offshore CEOT-2005
34. Synthesis of chemical additives and their effect on Akholjuni crude oil
(Gujarat,India) Ind.J. Chem.Tech.V12,Jan 2005,55-61
35. Efficient pipeline transportation of crude oil simulation and operation design (North
Cambay basin-india) IORS ,2006

36. Paraffin Deposition Problems in Mumbai High, SPE-IADC 2006, **SPE 103800**
37. Chemical Investigation for IOR-A case study. Petrotech ,2007
38. Impact of offshore oil production on Marine environment and steps taken to control Pollution –A case study, Petrotech-2007
39. Flow assurance from ZA Wells of ICP Process complex, Mumbai High asset Petrotech 2007
40. Application of Rheological properties for transportation of waxy crude oil, IORS, 2007
41. Water Breakthrough Studies in wells of Mumbai High, IORS, 2008
42. A New Chemical for Low Temperature production problems, Petrotech 2009
43. Combating “SRB” Perpetual menace of Corrosion in Pipelines Network, Petrotech 2009
44. Design of efficient chemical formulations for organic depositional problems, Petrotech 2009
45. Improvement of fluid flow in flowlines/well bores for Nandasan & Linch oils of Mehsana Asset, IORS, 2009
46. Quality control in water injection & role of surface facilities at Prod Con-2009
47. Designing maleic anhydride – α -olefin co-polymeric combs as wax crystal growth nucleators, Fuel Processing Technology XXX, 2010

48. Intricacies of production from mature fields, IORS,2010
49. Oil field Scale Management in Offshore fields, Petrotech 2010
50. Combating flow assurance challenges of low temperature highly paraffinic crude in ICP Area of MH field-An innovative approach IORS,2011
51. Flow Assurance intricacies in a mature field, IORS,2012
- 52.Role of Chemicals in Offshore Oil Production IORS,2013
- 53.Field trial of Unique Chemical in Offshore field IORS,2014
- 54.H₂S mitigation in mature field-A case study IORS,2015
55. “An Introduction to Petroleum Industry” Int Conference on Bioscience & Bio-engineering, Vadodara
- 56.An overview of Different Pour point depressant synthesized and their behavior on different crude oils,IJCRT,10,10,2020”
57. Studies on *Emblica officinalis* & synthesis of Chalcone, JETIR1904D19,Vol6,Issue 4
58. Isolation of Chemical components of *Rosa rubiginosa* & synthesis of 2-hydroxyl Chalcone, JETIR206836,Vol6,Issue 4
59. Demulsification studies on Western onshore crude oils, JETIR1904 D19,Vol6,Issue 4

60. PPD studies on Western onshore Crude oils, JETIR1904D19,Vol6,Issue 4
61. Evaluation of waxy crude oil characteristics & its significance, JETIR1904C08 ,
Vol6,Issue 4
62. Phytochemical examination of Aloe vera Leaves JETIR July 2020 Volume 7, Issue 7,
Page no.: 786-794
63. Phytochemical studies of *Fragaria ananassa* (Strawberry Fruit) JETIR2007097
64. Phytochemical studies on the Leaves of Piper Betle JETIR2007216
65. Phytochemical studies of Leaves *Justicia Gendarussa* JETIR July 2020, Volume 7,
Issue 7, Page no.: 1747-1754
66. Phytochemical examination of *Butea Monosperma* Flower JETIR2007097
67. Synthesis of Chalcones, JETIR July 2020, Volume 7, Issue 7, Page no.: 915-923
68. Crude Oil scenario and cost of Barrel,IJAEM Vol 2,Issue9,705-709,2020
69. Cameroon Oil & Gas Industry, IJAEM Vol 2, Issue 8, 698-702, 2020
70. Effect of Covid-19 in Oilfield Sector in Southern region of Africa, JETIR, October 2020,
Volume 7, Issue 10, ISSN : 2349-5162
71. An overview of different pour point depressant synthesized and their effect on different
crude oils, IJCRT,Vol10,Issue 10,ISSN 2320-2882
72. Indian Pharmaceutical Industry-A new perspective, IJAEM,Volume 3, Issue 3, Mar.
2021, pp: 1005-1011, ISSN: 2395-5252
73. Pour Point Depressant studies on Western Onshore crude oil, IJASRET, Vol 6, Issue 6,
2021, ISSN: 2456-0774

74. Demulsification Studies of Crude oil, IJASRET ,Vol 6, Issue 6, ISSN(online) 2456-0774
75. Effect of Pour Point Depressant on Western Onshore Crude, IRJMETS, Vol-3, Issue 5, P.N.526934, May 21, ISSN: 2582-5208
76. Physico-chemical studies of crude oil of Western Onshore, IJASRET, Vol 6, Issue 6, 2021, ISSN: 2456-0774
77. Biodiesel production from Macro algae as the Biofuel for Diesel Engine, IJASRET, Vol 6, Issue 6, June 2021, ISSN : 2456-0774
78. Effect of Covid 19 on India, IJAEM, Vol 3, Issue 3, Mar. 2021, Page 1354-57, ISSN : 2395-5252
79. Phytochemical examination of Coriander leaves, IJSRD, Vol 9, Issue 4, Page No 425-426 2021, ISSN : 2321-0613
80. Petroleum Oil Spill Management in Offshore, IJIERT Volume 8, Issue 10, Oct. - 2021, ISSN : 2394-3696
81. Nano-technology in Oil and gas Industry, Molecules to Materials (MTM-2021), Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat. *Conference*
82. Flow assurance in Petroleum Industry – 1, UGC Journal
83. Flow assurance in Petroleum Industry – 2.1, UGC Journal
84. Formation of Scales, UGC Journal
85. A review of Heavy oil properties and transportation methods for Heavy crude oil and Bituman via pipeline, IJSER
86. An overview on Sludge, its treatment and disposal, IJAEM, Vol 3, Issue 12, Page 527-537

Books Published

**1. Pour Point Depressant studies on Crude oil from Cambay, LAP LAMBERT
Academic Publishing, Germany**

**2. Physico-chemical studies of crude oil of Western Onshore, LAP LAMBERT
Academic Publishing, Germany**

REPORTS

- 1 Report on Replacement of Imported PPD by Indian PPD based on studies of Mumbai offshore Crude.
2. Studies of Drag Reducing Chemical of Crude oil Pipeline.
3. Development & Evaluation of PPD/Flow Improvers for Mumbai High.
4. Evaluation of Flow Improvers for Borholla Crude.
5. Development of Chemical Pigs for Mumbai offshore Crude Oil pipeline
6. Evaluation of suitable method for transportation of Godavari crude oil.
7. Evaluation and Development of newly introduced Paraffin Inhibitor for Onshore & offshore area.
8. Task force Report on Institute of Bio-technology and Geo-tectonics studies, Jorhat 1990.

9. Implementation plan for Institute of Bio-technology and Geo-tectonics studies Jorhat 1991.
10. 1st annual report of Institute of Bio-technology and Geo-tectonics studies, Jorhat.1992
11. Report on application of foam muds.1992
12. Geochemical characterization and oil/oil correlation studies of oils occurring in multilayered reservoirs of cambay basin.
13. Application of Rheological properties of Dahej crude oil in pipeline Transportation. 1993
14. Novel chemical formulation for improved demulsification of south Gujarat oil field produced emulsions. 1994
15. Studies on wax deposition problem in Gandhar oil field.1994
16. Demulsification studies on produced emulsions from Becharaji field. 1995
17. Pipeline design for transportation of crude oil between Limbodara, Paliyad & Wadu 1995.
18. Pipeline design for transportation of crude oil between Ramol,Nandej & Wasna 1995.
19. Petrophysical studies on cores of different fields of Ahmedabad Project. 1996
20. Reservoir characterization of Baisakhi Bhadesar formation (Jaisalmer Basin) through Petrophysical Studies. 1997

21. Analysis of data generation system and surface facilities of North Kadi CTF Mehsana Project. 1997
22. Analysis of data generation system and surface facilities of Jhalora GGS- 1 Ahmedabad Project. 1997
23. Petrophysical evaluation of lower Goru and Pariwar formation of Bankia field. 1999
24. Evaluation of GS-5A and GS-6A sand units of Gandhar – 410 by port size data. 1999
25. Core flow studies to evaluate the effectiveness of various Anionic PHPA crosslinked polymers gel systems for differential permeability alteration in water shut off job.1999
26. Petrophysical studies on core samples of Longewala #1. 2000
27. Petrophysical studies of low Resistivity sand , GS-11 of Gandhar field. 2000
28. Feasibility studies on Chemical pigging in the extension of Limbodra trunk line from Kalol GGS – IV to T-point of 12” dia main line.2001
29. Paraffin deposition control (Surface/Downhole) in Kosamba & Nada oil fields . 2001
30. Demulsification studies on produced emulsion of Ahmedabad oil fields (Sanand & Jhalora).2001
31. Demulsification studies on produced emulsion of Mehsana oil fields (Sobhasan & North Santhal).2002

32. Effective chemical intervention technique for surface /downhole wax deposition problems in underperforming wells of Gamij, South Kadi & Limbodra fields. 2002
33. Studies on pipeline design for transportation of Akholjuni crude oil 2002
34. Chemical and Simulation Studies on pipeline design for transportation of Akholjuni crude oil 2002
35. Studies on transportation problem of Anklav # 3 crude oil.
36. Designing of suitable technoeconomically viable remedial measures for paraffin /Asphaltene deposition related production problems in Tiruvarur-Narimanam pipeline.
37. Identification of suitable PPD for Limbodra Trunk line and proposed Gamij line.
38. Formulation of suitable solvent system for downhole/flow line depositional problems in Ankleshwar Asset.
39. Demulsification studies on produced emulsions of Ankleshwar Asset.
40. Study on improvement of fluid flow in flowlines /wellbores for Nandasan# 49 & Linch # 43 of Mehsana asset.
41. Identification of suitable PPD for Jotana, Linch, Sobhasan & Nandasan fields.
42. Crude oil transportation problem of Kosamba field.
43. Demulsification studies for Akholjuni and Padra crude oil for suitable demulsifier.

44. Water breakthrough studies in wells of Mumbai High.
45. Annual report of Chemistry section, MH Asset 2006-2015

- **Published** more than 80 papers in National & International Journals.
- Published in Tetrahedron Letters, Phytochemistry, Planta Medica, Journal of Japan Chemical Society.
- Chaired the session at IIT Mumbai & MEOS, Bahrain.
- Received SPE award at Anheim, California, USA.
- Technical Committee member of Petrotech India
- Life time member of SPE

➤ **Recent Lectures delivered**

S.N.	Year	Topic	Venue	Duration (Hrs)
1.	2016	Overview of Petroleum Industry	NIIT, Jalandhar	1
2.	2016	Oil field Emulsion Technology	ONGC Academy, Dehradun	12
3.	2017	Environment Pollution, Oil Spill	ESCI, Hyderabad	2
4.	2017	Petroleum Industry	Int conf on Chemistry, Parul University	1
5.	2018	Introduction of Petroleum Industry	Int Conf on Bioscience & Eng, Parul University	1
6.	2018	Flow Assurance	MIT, Pune	12
7.	2019	Enhanced Oil Recovery	MIT, Pune	12
8.	2019	Enhanced Oil Recovery	Fern Hotel, Vadodara (ONGC, IOC, CSIR, Oil India executives)	6

➤ **Teaching assignment at PIAS**

S.N.	Year	Topic	Class
1.	2017	Medicinal Chemistry	M.Sc Sem 3 Chemistry
2.	2017	Organic Chemistry	B.Sc Sem 3 Chemistry
3.	2018	Medicinal Chemistry	M.Sc Sem 3 Chemistry
4.	2018	Organic Chemistry (Practical)	M.Sc Sem 1 Chemistry
5.	2019	Medicinal Chemistry	M.Sc Sem 3 Chemistry
6.	2019	Organic Chemistry	M.Sc Sem 1 Chemistry

7.	2019	Petroleum Geology	M.Sc Sem 3 Geology
8	2019	Petroleum Exploration	B.Tech Sem 3 Petroleum
9	2019-20	Advanced Petroleum Exploration Techniques	M.Sc Petro Chem Sem 1
10	2019-20	Production Operations	M.Sc Petro Chem Sem 2
11	2019-20	Oil & Gas Field Development & Plan	M.Sc Petro Chem Sem 2
12	2019-20	Drugs & Natural products	M.Sc Sem 4 Chemistry
13	2020-21	Oil & Gas Field Development	B.Tech Sem 5 Petroleum
14	2020- 21	Petroleum Production Design	M.Sc Petro Chem Sem 3
15	2020 - 21	Production Operations	M.Sc Petro Chem Sem 2
16	2020-21	Offshore Technology	M.Sc Petro Chem Sem 4
17	2021- 22	Fundamentals of Petroleum Geochemistry	M.Sc Petro Chem Sem 1
18	2021- 22	Offshore Technology	M.Sc Petro Chem Sem 4
19	2021- 22	HSE	B.Tech Sem 8 Petroleum
20			

Dissertation work:

- **Arranged Dissertation work at RGL ,ONGC Vadodara for 3 students 2019**
- **Supervised 2 students of M.Sc Sem 4 Chemistry for their Dissertation work (2018-19).**
- **Supervised 7 students of M.Sc Sem 4 Chemistry for their Dissertation work (2019-20).**
- **Supervising 3 students of M.Sc Sem 4 Chemistry for their Dissertation work (2020-21)**
- **Supervising 4 students of M.Sc Sem 3 Petro Chemical for their Dissertation work (2020-21)**

Field visits

- ❖ **Arranged field visit to Ankleshwar Asset ONGC,B.Sc Sem 3 & M.Sc Sem 3, 2016**
- ❖ **Arranged field visit to Cambay Asset ONGC, M.Sc Sem 3, 2017**
- ❖ **Arranged field visit to RGL Vadodara & Cambay Asset ONGC,B.Sc Sem 3 & M.Sc Sem 3, 2018**

- ❖ **Arranged Field visit to Cambay Asset ,ONGC for B.Tech & M.Sc Petro Chem. Students 2019**
- ❖ **Arranged Field visit to Ankleshwar Asset ,ONGC for B.Tech & M.Sc Petro Chem. Students 2021**
- ❖ **Arranged Field visit to Cambay Asset ,ONGC for B.Tech & M.Sc Petro Chem. Students 2021**
- ❖ **Arranged visit to ONGC,RGL Vadodara for B.Tech Sem 6 & M.Sc Petro Chem. Students 2021-22**
- ❖ **Arranged training programme for 4 students of B.Tech Sem 8 at WSS Ahmedabad.**
- ❖ **Arranged twenty Webinars 1. Ex President Reliance Petroleum 2.Chief General Manager,ONGC for Petroleum students 2020 & 2021,Foreign Faculties etc**
- ❖ **Four students enrolled for Ph.D (2019-20)**
 - **Mrs Prabha Modi Head Diploma in Chem Eng. P.U**
 - **Miss Jinal Patel Ex Parul University student**
 - **Mrs Zarana Patel Ex Student of MS University**
 - **Miss Archana Chaudhary Ex Parul University student**
- ❖ **Two students enrolled for Ph.D (2021-22)**
 - **Salman Hadi Saleh Dahwal ,Yeman**
 - **Abdul wahab abdulmalek yahya aldura,Yeman**
- ❖ **SPE Student Chapter**
- ❖ **Opened Student chapter of Society of Petroleum (SPE)2021 August**
- ❖ **Arranged two speakers at Parul University from ONGC,Vadodara**
- ❖ **Arranged visit to Ankleshwar & Cambay Asset of ONGC.**