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ABOUT UNIVERSITY

This University popularly known as PDPU has been established under the Gujarat State Legislative Act No.14 on 4th April, 2007. The University addresses the need for trained and specialized human resource in the domains of engineering, management and humanities.

It intends to expand the opportunities for students and professionals to develop an intellectual knowledge base with leadership skills to compete in the global arena. This objective is being served through a number of specialized and well-planned undergraduate and post-graduate education programmes and intensive research initiatives.

Vision

To be an internationally renowned & respected Institution imparting excellent education & training based upon the foundation of futuristic research & innovations.

Mission

Undertake unique obligation for Education in Energy Engineering and Management with special responsibilities in domain specific aspects of Energy & Infrastructure.

Seek to nurture students of extraordinary motivation and ability and prepare them for life-long learning and leadership in an increasingly knowledge driven world.

Envisage establishing institutes of excellence in education, competitive edge in research and real time relevance with futuristic thrusts in offering of programmes and undertaking of activities and projects.

RECOGNITIONS

- NAAC accredited with 'A' grade & CGPA of 3.39 out of 4
- University Grants Commission u/s 2(f)
- AICTE Approval
- Scientific and Industrial Research Organization (SIRO), Govt. of India
- Approval u/s 35 (1) (ii) of Income Tax Act, Government of India ORSP for Research Activities

Prof. C. Gopalkrishnan



The University has now become twelve years old and with every passing day the University is getting enriched to provide holistic education to its students and make them highly competent, efficient, knowledgeable, and proactive to innovate and experiment to become global professionals. The vital role played by the Board of Governors, all other stakeholders, and well-wishers is highly appreciable. It is also gratifying to note that the PDPU Alumni are also getting admissions with scholarships and fellowships in International Universities of repute.

The University has four Schools, i.e., School of Petroleum Management, School of Petroleum Technology, School of Liberal Studies, and School of Technology.

Several Industry groups like GSPC, RIL, ONGC, Torrent, Cairn, Siemens, Maruti Suzuki, Adani, Shell TOTAL, Hazira LNG, L&T, TCS, Essar Group – to name a few, have been actively supporting the University by way of sponsoring students' internships, projects, placements, international exposure programs etc. We also acknowledge the involvement of various government agencies like GEDA, GUVNL, GSECL, GETCO, GPCL and others in developing Research Centres of Excellence at the University.

Several research projects have been entrusted to the University from Department of Science & Technology, Government of India, Directorate of Petroleum (DoP) Gujarat, Department of Science & Technology, Gujarat Power Corporation Ltd., Gujarat State Petroleum Corporation Ltd., and Council for Scientific and Industrial Research and others. I am happy to state that all these projects are making significant progress.

The Community Development Initiative has continued its momentum from year to year to benefit the community. This has also helped the students of the University to grow as sensible human beings and thereby to become part of the society's growth without discriminating on the basis of caste, creed, gender, class or religion. It has also provided a platform to the students to bring new ideas for societal change and implement those ideas using their technical and creative skills.

The University has been building very rigorously its relations across the globe to create avenues for turning its students into global professionals by providing international educational exchanges, making the University in the process more visible internationally.

We are gradually moving forward with our vision of building a globally renowned institution, with the wholehearted support and participation of all associated with the University. We look forward to go far and achieve more milestones, for which we solicit support from every one.

BOARD OF GOVERNORS

Dr. Mukesh Ambani

President

Members

Shri D. Rajagopalan, IAS Former Chief Secretary - GoG Chairman- Standing Committee, PDPU	Dr. R. A. Mashelkar FRS Bhatnagar Fellow & President-Global Research Alliance National Chemical Laboratory – Pune
Prof. C. Gopalkrishnan Director General	Shri Vikram Singh Mehta Executive Chairman Brookings India
Shri Sudhir Mehta Chairman Torrent Group - Ahmedabad	Ex officio The Secretary to Government Energy and Petrochemicals Department Government of Gujarat
Ex officio The Secretary to Government In-charge of Technical Education Government of Gujarat	Prof. N. R. Dave Former Vice Chancellor North Gujarat University, Patan
Mrs. Pallavi Shroff Shardul Amarchand Mangaldas & Co. New Delhi	Director School of Petroleum Management PDPU
Dr. Parimal Nathwani Reliance Industries Ltd.	Nominee of Gujarat Energy Research & Management Institute - GERMI
Prof. D. M. Parikh Dean-Faculty of Engg. & Technology PDPU	

ACADEMIC COUNCIL

Prof. C. Gopalkrishnan

Director General

Members

Dr. Jayant Kelkar Head- Corporate Technical Services Reliance Industries Limited	Prof. S. A. Bari Vice Chancellor Central University of Gujarat
Prof. Indira J. Parikh President-ANTARDISHA & Chairperson - AURONYA College Puthucherry	Prof. Virender Prakash Sharma Professor & Head Deptt. of Petroleum Engineering Indian School of Mines -Dhanbad
Dr. C. Gopalkrishnan Director – School of Petroleum Management, PDPU	Dr. Sunil Khanna Director – School of Technology, PDPU
Dr. R. K. Vij Director, School of Petroleum Technology- PDPU	Dr. Nigam Dave Director - School of Liberal Studies, PDPU
Prof. Pramod Paliwal Dean- Faculty of Management	Dr. D.M. Parikh Dean – Faculty of Engineering & Technology, PDPU
Dr. T. P. Singh Professor in Mathematics	Dr. S. Kachhwaha Head – Dept. of Mechanical Engg., PDPU
Dr. Indrajit Mukhopadhyay Professor in Department of Solar Energy School of Technology, PDPU	Dr. Ashvin Dave Professor in Department of Business Administration & Commerce School of Liberal Study, PDPU

School of Petroleum Management (SPM)

To cater to the managerial manpower requirements of the Energy and Infrastructure Sector, the Management School was first established as the Institute of Petroleum Management, Gandhinagar (IPMG) in 2006 by GERMI (Gujarat Energy Research and Management Institute), a trust and a society formed by GSPC (Gujarat State Petroleum Corporation), a Government of Gujarat undertaking. Subsequently in 2007, when Pandit Deendayal Petroleum University (PDPU) was established by GERMI, IPMG became the constituent school of PDPU and changed its name to School of Petroleum Management (SPM).

SPM has been successfully conducting MBA programme and shall be admitting 14th batch in 2019.

THE PROGRAMME

MBA programme is a two-year full-time residential programme of the University under the School.

Each year of the programme is divided in three trimesters. The programme also includes six to eight weeks of compulsory summer training for the students. The first year courses of the MBA Programme lay foundation of management with courses like accountancy, finance, marketing, economics, quantitative management, business research methods, organizational behavior, operations management, HRM, etc. Besides, a few foundation courses as well as group projects are offered related to the Energy & Infrastructure Sector to the students in the first year of the MBA Programme with an objective to sensitize the students about the Energy & Infrastructure Sector.

Specializations

1. Energy and Infrastructure
2. Finance
3. Marketing
4. Operations Management
5. Human Resources Management

The Energy & Infrastructure specialization allows students to undergo energy & infrastructure management related compulsory as well as elective courses. Similarly, the functional area specialization in Finance, Marketing, Operations Management and HRM allows students to undergo respective functional area compulsory as well as elective courses. The students can opt for a major and a minor specialization from the above FIVE options in the beginning of second year of the MBA Programme.

In addition, SPM offers PGDPM-X Programme for working executives on a modular approach and Ph. D. programme [full-time and part-time] and Management Development Programmes.

SPM has also been conducting Management Development Programmes for working executives in the Energy Sector. It has also been working on a research project for the Government of Gujarat.

School of Petroleum Technology (SPT)

School of Petroleum Technology (SPT) was started in the year 2007. The School caters to the Academics and Industries by creating budding Petroleum Engineers. SPT offers B.Tech., M.Tech. and Ph.D. programmes. The school is strategically located in the oil and gas capital of India. Interaction and knowledge sharing from the industry, benefits the students a lot. The faculties have a rich industrial as well as academic experience. Students and faculties are engaged in practical research and many papers are documented in reputed peer reviewed journals and conference proceedings. To strengthen Industry – Academia relationship, SPT regularly organizes expert lectures, conclaves, seminars and workshops and also undertakes projects in collaboration with industry. This not only helps in overall development of students as well as faculty members, but also makes the students aware of the industry expectations.

A student undergoes unique course like Rural Internship, Industry Orientation and Industrial training. SPT faculty members and undergraduate students from SPT also work on collaborative projects with companies like Gujarat Gas, Shell Hazira LNG, Selan Exploration Technology Limited, ONGC etc. It is experienced that students with varied cultural and ethnic background live together and promote harmony, integration and share values of living and relationships. School has also received outstanding Student Chapter Award, from Society of Petroleum Engineering, 2018.

The school has established The State- of- the-Art Drilling, Cementation and Stimulation Centre (DCS) to conduct excellent, high-tech and cutting-edge research by providing the state-of-the-art research facilities. The centre is established with a vision to **initiate and promote research linkages** with institutions and agencies including industry and professional organizations. In addition to the basic laboratory equipment and instrumentation, this centre is having the state-of-the-art equipment for cement slurry design and evaluation, formation damage evaluation, and proppant conductivity determination for stimulation application.

The Centre of Excellence for Enhanced Recovery (CEER) centre is conceptualized and in view of Government of India's approval of PDPU as Nodal agency for EOR screening. Consultancy jobs are pouring in and being undertaken in SPT with the help of in house strength & Industry experts hired for specific purpose.

The school is also having one more State of the Art Centre, i.e. Centre of Geothermal energy CEGE. Centre of Excellence for Geothermal Energy (CEGE) has carried out numerous Geophysical and Geochemical activities in Gujarat since its inception in 2013. It is because of these persistent efforts, on December 12, 2016, CEGE inaugurated India's first Integrated Space Heating and Cooling Plant working on geothermal energy at Dholera, Gujarat. It will also be a one of its kind plant to be integrated with Organic Rankine Cycle for the production of electricity. Government of Gujarat has been the motivation behind CEGE's meaningful strides in the field of Geothermal Energy. CEGE has conducted studies like 2-D and 3-D Magnetotelluric, Gravity Survey, Seismic survey and Magnetic Survey on 3 locations in Gujarat. CEGE is also planning to drill another geothermal well at Unai, Gujarat.

School of Technology (SoT)

The School of Technology at PDPU offers B.Tech, M.Tech and PhD programs in various spheres of Science and Technology. Having a focus on striving excellence in the teaching-learning process, the school has expanded the arena and has taken various measures to make the graduating student **‘industry-ready’** which includes (a) project oriented and industry driven courses (b) options of having open electives (c) credits for MOOCs and internships. Students are encouraged to include a business (entrepreneurship) perspective in their final year projects which can be scaled up at the Institute Innovation Centre (PDPU-IIC). With this methodology and platform, SoT inspires the students to become **‘job-creators’** rather than ‘job-seekers’. To further strengthen this mandate, **‘Industry Connect’** platform was also created having a mandate to have regular contact with the industry professionals. This initiative was warmly accepted by the industry and in its maiden connect program around 25 representatives from industry have extended a concrete support for training the students and the faculty with their uniqueness. The industry connect platform has opened new gates of having **‘consultancy assignments’** and with the world class laboratories and competent faculty members, SoT is putting a strong feat ahead in this domain

For achieving new global heights as an academic institute the trio of **‘teaching-research-consultancy’** has to be autographed with excellence and thus the element of research is also looked up with high impetus. It worth noting that so far *research projects worth 32 cores* have been put up the faculty and students for grant in various funding agencies at State, Central and International Collaborative Agencies. **Projects worth Rs 3.5 cores** have already been sanctioned and many more are in pipeline. Faculties and have also received financial support from various agencies for presenting their research outcomes in prestigious conferences. Apart from this, faculties have received recognitions from the various scientific bodies in terms of acceptance of their research papers in high impact factor journals (IF upto 30), best paper awards, best poster awards, inductance into various editorial committees of prestigious scientific journals, which speaks volumes about the quality of the research work pursued by them.

The best report card of an institution is its students placement - be it an industry, academic / research institution or as startupian. Around 65% of the eligible students got campus placement while around more than 10% went for higher studies in top-notch colleges of the world. Realizing that **alumni** of an institute are its best ambassadors and can play a crucial role for an accelerating growth, SoT has rolled out a well knitted plan for roping its alumni which is well placed and spread all over the world.

School of Liberal Studies (SLS)

Our Universities and their Schools with their state of the art facilities and rich treasure of human resources of excellent erudition somehow mould youth for filling in slots of jobs or enterprise in productive pursuits of earning and acquiring wealth presumably to reach and sustain enhanced quality of personal life and may be, indirectly, that of society. Unfortunately, one is neither properly tutored nor adequately trained to comprehend parameters of desired quality of life. His intellectual being has one dimensional growth. In other words, his is not holistic personality. No thinker, philosopher or innovative genius can come out of this run of the mill education system that focuses only on producing world class specialists and professionals. A holistic personality is one that can understand ethos of entire spectrum of human endeavours and think innovatively about them. They are the torch bearers of enlightened leadership that conceives better world and better future in holistic sense.

The School of Liberal Studies is rightly poised to take radical initiatives—initiatives that chart out how differently traditional discrete areas of learning could be integrated and even choice-based learning in higher education could be made learner-centric to provide seamless wholesome acquisition of knowledge and skills.

Inter disciplinary course structure at SLS focuses on holistic education that establishes the foundation for the integrated understanding through rich breadth of courses and then exposes the students to the in depth exploration of Majors. Through our dialogue with various stakeholders of Industry and government, we have been enthused with the positive acceptance from them. Industry has provided its inputs on course structure at various formal and informal platforms like – Interaction during Boards of Studies Meetings, Pre placement visits, Internships by students and International Round Tables at the University. While due care has been taken to accommodate industry concerns and requirements to make the program more employable, equal focus has been retained on the ‘learning for the sake of Learning’ and creating jobs rather than seeking jobs.

School of Liberal studies currently offers four year undergraduate programs in B.A. (Hons.), B.B.A.(Hons.), B.Com.(Hons.), & B.Sc.(Hons.), The programmes cover interdisciplinary curriculum and focused exploration of specializations. The School also offers Master’s Program in English Literature, Public Administration and International Relations. The School also offers Ph.D. in the areas of Humanities, Arts and Social Sciences.



ACADEMIC PROGRAMS

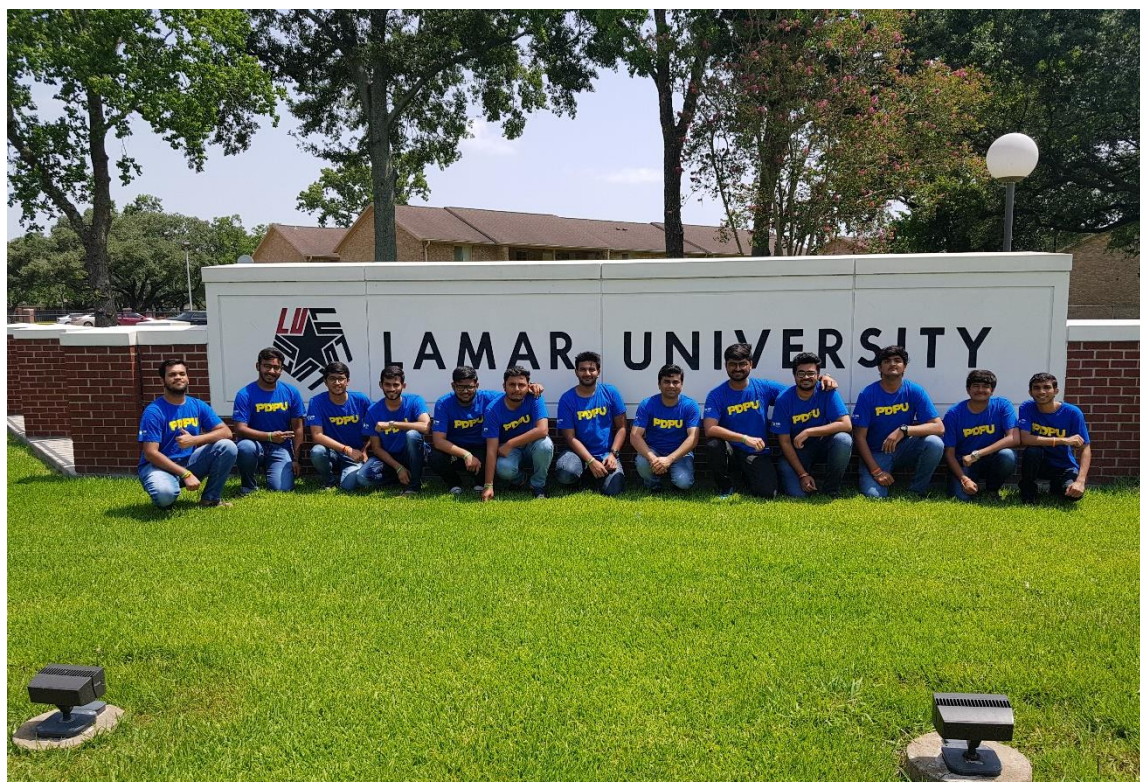
Sr. No.	Programme	Catered by
1.	M.B.A. (Energy and Infrastructure Management)	School of Petroleum Management
2.	M.B.A. (General Management) Specialization in <ul style="list-style-type: none"> • Financial Management • Marketing Management • Operations Management • Human Resources Management 	School of Petroleum Management
3.	PGDPM-X	School of Petroleum Management
4.	PGDGM-X	School of Petroleum Management
5.	B.Tech. (Petroleum Engg.)	School of Petroleum Technology
6.	B.Tech. (Civil Engg.)	School of Technology
7.	B.Tech. (Mechanical Engg.)	School of Technology
8.	B.Tech. (Electrical Engg.)	School of Technology
9.	B.Tech. (Chemical Engg.)	School of Technology
10.	B.Tech. (Industrial Engg.)	School of Technology
11.	B. Tech. (Computer Engg.)	School of Technology
12.	B. Tech. (Information & Communication Technology)	School of Technology
13.	M. Tech. (Civil Engg. (Infrastructure Engg. & Mgt.))	School of Technology
14.	M. Tech. (Mechanical Engg. (Thermal))	School of Technology
15.	M. Tech. (Electrical Engg. (Power Systems))	School of Technology
16.	M. Tech. (Petroleum Engg.)	School of Petroleum Technology
17.	M. Tech. (Energy Systems (Focused on Solar Energy))	School of Technology
18.	M. Tech. (Environmental Engg.)	School of Technology
19.	M. Tech. (Chemical Engg.)	School of Technology
20.	B.A. (Hons.) / B.B.A. (Hons.)	School of Liberal Studies
21.	B.Com. (Hons.)	School of Liberal Studies
22.	B.Sc. (Hons.)	School of Liberal Studies
23.	M. A. (English)	School of Liberal Studies
24.	M. A. (Public Administration)	School of Liberal Studies
25.	M. A. (Political Science-International Relations)	School of Liberal Studies
26.	Ph.D. programme are offered at every school of the University.	

INTERNATIONALIZATION

International Exchange Program (IEP):




The University has continued its flagship program namely, International Exposure Program (IEP) started since 2010 with Partner International Universities during Summer Vacation of each year. It was designed in such a way that students get an exposure academically, technically and culturally with the intent to create and promote a collaborative academic and Research platform at some of the finest universities in the world. PDPU has successfully organized 29 such IEPs with 12 unique International partners & given exposure to 700+ students & faculties since 2010.

International Exposure Program 2018-19		
School	University Visited	No. of Students
	 Lamar University, USA	21
	 Sacred Heart University, USA	39
	 Southern Illinois University, USA	6



Study in India Program (SIP):

To stimulate Internationalization on campus, PDPU has initiated “Study in India Program (SIP)” which is customized short term programs framed in 02-12 weeks designed to focus international diaspora to expose them to various facets of India. The principal objective of this interdisciplinary course is to provide a basic understanding of the Indian society and how it grew, its cultural heritage, political, social and economic scenario and its growing important role in the world affairs. The beauty of the program lies in its interdisciplinary nature which aims at demonstrating the multifaceted and variegated Indian religions and cultures. Usually the courses covered with academic sessions, academic tour and visit of historical places in India with an affordable budget. PDPU has successfully organized 7 such SIPs with 4 unique International partners & given exposure to 100+ international students & faculties.

Study in India Program 2018-19		
University	No. of Students & Faculties	
 Edith Cowan University, Australia	19	
 Sacred Heart University, USA	14	
 Carleton University, Canada	10	



Travel Grant Initiative:

Travel grant scholarships are provided to the meritorious students for international and national paper presentations. Office of International Relations at PDPU has always been a catalyst in supporting research and academic activities among its students. As a result, students sailed offshore and presented their scholarly work at various conferences.

By availing travel grant policy many of PDPU students have presented papers in the countries like UK, Spain, Singapore, Malaysia, Dubai, USA, Bahrain, China, Sweden, Oman, Egypt, Canada, Thailand, Sri Lanka, Germany, etc.

The financial support granted are be as follows:

- For conferences/workshops/symposia/internship organized within
 - North America or South America: Rs.60,000/-
 - Europe, Australia, New-Zealand, Japan & Africa: Rs. 40,000/-
 - Singapore, Hong-Kong, Taiwan, Thailand, other Asian Countries: Rs. 20,000/-
 - Within India: Rs. 5000/-

Besides this, a student can get an additional support towards registration fee: At actual, up to a maximum of Rs. 25,000/- (International) & Rs. 5000/- (within India).

No. of students who have availed the travel grant till date.

Year	No. of Students	Total Value (In Rs.)
FY 2011-12	4	1,85,216.00
FY 2012-13	13	6,16,684.00
FY 2013-14	22	6,26,584.00
FY 2014-15	23	6,35,200.00
FY 2015-16	154	54,74,143.00
FY 2016-17	182	90,08,520.00
FY 2017-18	196	90,44,803.00
FY 2018-19	174	69,25,953.00
Total	768	3,25,17,103.00

Several faculties from renowned international Institutions have been introduced to teach classes in areas of Entrepreneurship, Financial Management, Media Communication, Psychology, Process Engineering, Drilling & Simulations, etc.

FACULTY UPDATES

New Appointments

Sr. No.	Name	Qualification	Designation	School
1.	Bhinalkumar Bakulbhai Mehta	Ph. D.	Assistant Professor	SOT
2.	Praghreshkumar Jagdishchandra Bhatt	Ph. D.	Associate Professor	SOT
3.	Vasudeo Govind Chaudhari	M. Tech.	Lecturer	SOT
4.	Suvarna Trivedi	M. Tech.	Lecturer	SOT
5.	Abhishek Yadav	M. Tech.	Lecturer	SOT
6.	Pankaj Sahlot	Ph. D.	Assistant Professor	SOT
7.	Sivasankar Palanichamy	Ph. D.	Assistant Professor	SPT
8.	Lubhani Mishra	M. Tech.	Assistant Professor	SOT
9.	Manish Kumar	M. Tech.	Lecturer	SOT
10.	Amrita Chakraborty	M A.-Mass Communication	Lecturer	SLS
11.	Ranjan Kumar Pati	Ph. D.	Assistant Professor	SPT
12.	Srivastava Rohit	Ph. D.	Assistant Professor	SPT
13.	Dadi Venkata Suri Appa Rao	Ph. D.	Assistant Professor	SOT
14.	V S K V Harish	Ph. D.	Assistant Professor	SOT
15.	Mahesh Chandra Patel	M. Tech.	Lecturer	SPT
16.	Dinesh Kumar	Ph. D.	Assistant Professor	SOT
17.	Raju Ranjan	Ph. D.	Assistant Professor	SOT
18.	Mukund Kumar Durgashankar Shukla	M A.-Mass Communication	Lecturer	SLS
19.	Vaidehi Purushottam Deshpande	M. Tech.	Lecturer	SOT
20.	Tapan Kumar Pal	Ph. D.	Assistant Professor	SOT
21.	Mehul S Raval	Ph. D.	Professor	SOT
22.	Mazad Shaheriar Zaveri	Ph. D.	Associate Professor	SOT
23.	Ankush Sanjay Raje	M. Tech.	Lecturer	SOT
24.	Vidhi Vyas	M. Tech.	Lecturer	SOT
25.	Achinta Bera	Ph. D.	Assistant Professor	SPT
26.	Annie Rachel Royson	Ph. D.	Assistant Professor	SOT
27.	Vivek R	Ph. D.	Assistant Professor	SPT
28.	Kalisadhan Mukherjee	Ph. D.	Assistant Professor	SPT
29.	Abhishek Kumar Gupta	Ph. D.	Assistant Professor	SOT
30.	Rahul Saha	Ph. D.	Assistant Professor	SPT
31.	Balangulu Busupalli	Ph. D.	Assistant Professor	SOT
32.	Prahlad Kumar Baruah	M. Tech.	Lecturer	SOT
33.	Ajay Kumar	Ph. D.	Assistant Professor	SOT
34.	B.Raja Shekhar	Ph. D.	Assistant Professor	SOT
35.	Pawan Sharma	Ph. D.	Assistant Professor	SOT
36.	Dr. Pankesh Patel	Ph. D.	Assistant Professor	SOT
37.	Ms. Bivina GR	M. Tech.	Lecturer	SOT
38.	Gurwinder Kaur	M. Tech.	Lecturer	SOT
39.	Sheetal Rawat	M. Tech.	Lecturer	SOT
40.	Simran Jeet Singh	M. Tech.	Lecturer	SOT
41.	Vivek Kumar	M. Tech.	Lecturer	SOT
42.	Avirup Maulik	M. Tech.	Lecturer	SOT
43.	Pawan Gupta	M. Tech.	Lecturer	SPT

44.	Raunak Gupta	M. Tech.	Lecturer	SPT
45.	Parnika Shrivastava	Ph. D.	Assistant Professor	SOT
46.	Biranchi Sahoo	Ph. D.	Assistant Professor	SOT
47.	Sunil Khanna	Ph. D.	Director	SOT
48.	Vipink Das	Ph. D.	Lecturer	SOT

Attrition

Sr. No	Name of the Employees	Qualification	Designation	School
1.	Anvita Sharma	M. Tech.	Lecturer	SOT
2.	Himanshu Harkishan Choksi	M. Tech.	Lecturer	SOT
3.	Vimal Savsani	Ph. D.	Assistant Professor	SOT
4.	Poonam Savsani	Ph. D.	Assistant Professor	SOT
5.	Manish Mishra	M. Tech.	Adjunct Faculty	SOT
6.	Mahula Santra	M. Tech.	Lecturer	SPT
7.	Debanjali Mallick	M. Tech.	Lecturer	SPT
8.	Vaishali Sharma	M. Tech.	Lecturer	SPT
9.	Nirendra Misra	Ph. D.	Professor	SOT
10.	R Jothi	Ph. D.	Assistant Professor	SOT
11.	Janardhan Vistapalli	Ph. D.	Assistant Professor	SOT
12.	Dinesh Kumar	Ph. D.	Assistant Professor	SOT
13.	Mahesh Chandra Patel	M. Tech.	Lecturer	SPT

PUBLICATIONS

Papers in Journals

Sr. No.	Faculty	Title of Paper	Journal	Month	Year
1.	Anantha Singh T S	Review of zero-valent aluminium based water and wastewater treatment methods	Chemosphere	JUL	2018
2.	Anirbid B Sircar	Application of low enthalpy geothermal fluid for space heating and cooling, honey processing and milk pasteurization	Case Studies in Thermal Engineering(Elsevier)	JUL	2018
3.	Anirbid B Sircar	Kinetic and thermodynamic studies on the extraction of bio oil from <i>Chlorella vulgaris</i> and the subsequent biodiesel production	Chemical Engineering Communications	JUL	2018
4.	Anurag Mudgal	Study of <i>Jatropha curcas</i> shell bio-oil-diesel blend in VCR CI engine using RSM	Renewable Energy	JUL	2018
5.	Avirup Maulik	Optimal operation of droop-controlled islanded microgrids	IEEE Transactions on Sustainable Energy	JUL	2018
6.	Avirup Maulik	Optimal operation of a droop-controlled DCMG with generation and load uncertainties	IET GTD	JUL	2018
7.	Balanagulu Busupalli	Solvent-less solid state synthesis of dispersible metal and semiconducting metal sulfide nanocrystals	ACS Sustainable Chem. Eng., (ACS)	JUL	2018
8.	Bhinal Bakulbhai Mehta	A Sequential Control for Wind Turbine Generating Systems to Mitigate Torque Pulsations During Unbalanced Conditions	Journal of Emerging Technologies and Innovative Research (JETIR)	JUL	2018
9.	Chandra Shekhar Nishad	A non-primitive boundary element technique for modeling flow through non-deformable porous medium using Brinkman equation	Meccanica	JUL	2018
10.	Jatinkumar Ravjibhai Patel	Performance comparison and optimal parameters evaluation of solar assisted NH ₃ -NaSCN and NH ₃ -LiNO ₃ type absorption cooling system	Journal of Thermal Analysis and Calorimetry	JUL	2018
11.	Lubhani Mishra	Laminar Free Convection in Power-law Fluids in a Right Angle Triangular Duct with Heated Base	Heat Transfer Engineering	JUL	2018

12.	Pawan Sharma	A novel manufacturing route for the fabrication of topologically-ordered open-cell porous iron scaffold	Materials Letters	JUL	2018
13.	Praghresh Bhatt	SSR mitigation in power system with static synchronous series compensator	International Journal of Engineering & Technology	JUL	2018
14.	Praghresh Bhatt	Adaptive Quadrilateral Distance Relaying Scheme for Fault Impedance Compensation	Electrical, Control and Communication Engineering	JUL	2018
15.	Sitakanta Mishra	From Vasudhaiva Kutumbakam to Sahanau Bhunaktu	World Focus	JUL	2018
16.	Somdeb Lahiri	Sophisticated Strategic Choice	New Mathematics and Natural Computation	JUL	2018
17.	Suvena Trivedi	Design of active NiCo ₂ O ₄ spinel catalyst for abatement of CO-CH ₄ emissions from CNG fuelled vehicles,	AIChE(Wiley)	JUL	2018
18.	Suvena Trivedi	A four-way catalytic system for control of emissions from diesel engine	Sadhana, Indian Academy of Science	JUL	2018
19.	Vaishali Sharma	Integrated Petrophysical and Geomechanical Characterization of Cambay Shale, Cambay Basin, India	Society of Exploration Geophysicists	JUL	2018
20.	Vipindas K	Effect of cutting edge radius on micro end milling: force analysis, surface roughness, and chip formation	The International Journal of Advanced Manufacturing Technology	JUL	2018
21.	Anirbid B Sircar	Model design of condenser for solar assisted geothermal cooling system using software simulation	Modeling Earth System and Environment	AUG	2018
22.	Anirbid B Sircar	Comprehensive geochemical/hydrochemical and geo-thermometry 3 analysis of Unai geothermal field, Gujarat, India	Acta Geochem	AUG	2018
23.	Anirbid B Sircar	Kinetic and thermodynamic studies on the extraction of bio oil from Chlorella vulgaris and the subsequent biodiesel production	Chemical Engineering Communications	AUG	2018
24.	Anirbid B Sircar	Comprehensive geochemical/hydrochemical and geo-thermometry 3 analysis of Unai geothermal field, Gujarat, India	Acta Geochem	AUG	2018

25.	Ashish B Joshi	A Study on Independent Directors and the Companies Act, 2013	International Journal of Management and Applied Science,	AUG	2018
26.	Balanagulu Busupalli	Osmotically induced membrane fission in giant polymer vesicles: multilamellarity and effect of the amphiphilic block lengths	Langmuir (ACS)	AUG	2018
27.	Bharti Saini Verma	Effect of hydrophilic poly(ethylene glycol) methyl ether additive on the structure, morphology, and performance of polysulfone flat sheet ultrafiltration membrane	Journal of applied polymer science	AUG	2018
28.	Biranchi Narayan Sahoo	Synergetic effect of cryorolling and postroll aging on simultaneous increase in wear resistance and mechanical properties of an al-cu alloy	Journal of Tribology	AUG	2018
29.	Brijesh Tripathi	Study of transport and recombination mechanism in hole transporter free perovskite solar cell	Mater. Res. Express	AUG	2018
30.	Debasis Sarkar	Integrated BIM-Cloud Model for Enhancing Co-ordination and Communication in Real Estate Projects In India	International Journal of Construction Project Management	AUG	2018
31.	Kiran Bhaskar Mysore	Investigation of friction stir processing effect on AA 2014-T6	Materials And Manufacturing Processes	AUG	2018
32.	Manoj Kumar	study of transport and recombination mechanism in hole transport free perovskite solar cells	material research express	AUG	2018
33.	Niyati Chirag Trivedi	Holding Boundaries: Appearance and Evasion of Gendered Self as Performed in the Self-Narrative by Jayshankar 'Sundari'	The Criterion: An International Journal in English	AUG	2018
34.	Simran Jeet Singh	Static analysis of Functionally Graded Plate using nonlinear classical plate theory with von-Karman strains	International Journal of Applied Mechanics and Engineering	AUG	2018
35.	Swapnil Dharaskar	Optimisation of extractive desulfurization using choline chloride-based deep eutectic solvents	Fuel	AUG	2018
36.	Uttam Kumar Bhui	Steady-state and time-resolved fluorescence spectroscopic study of petroleum crudes in aqueous-surfactant solutions: Its implications for enhanced	Fuel	AUG	2018

		oil recovery (EOR) during surfactant flooding			
37.	Abhijit Das	Flow and heat transfer of a second grade fluid between two stretchable rotating disks	Bulletin of the Brazilian Mathematical Society, New Series	SEP	2018
38.	Abhijit Das	Flow of a Reiner-Rivlin fluid between two infinite coaxial rotating disks	Mathematical Methods in the Applied Sciences	SEP	2018
39.	Amit V. Sant	Gain Scheduling Algorithm-Based Control of Renewable Energy Systems for Hybrid Standalone DC Grid	Iranian Journal of Science and Technology, Transactions of Electrical Engineering	SEP	2018
40.	Anantha Singh T S	Advanced oxidation processes based on zero-valent aluminium for treating textile wastewater	Chemical Engineering Journal	SEP	2018
41.	Anirbid B Sircar	Studies on three-phase three-dimensional hybrid electrochemical reactor for treating textile effluent	Desalination and Water Treatment	SEP	2018
42.	Anirbid B Sircar	Assessment of geothermal water quality for industrial and irrigation purposes in the Unai geothermal field, Gujarat, India	Groundwater for Sustainable Development	SEP	2018
43.	Anirbid B Sircar	Groundwater analysis of Dholera geothermal field, Gujarat, India for suitable applications	Groundwater for Sustainable Development	SEP	2018
44.	Ashutosh Muduli	Workforce agility and psychological empowerment	Psychological Studies, Springer Publication	SEP	2018
45.	Balasubramanian Ragunathan	Kinetic and thermodynamic studies on the extraction of bio oil from <i>Chlorella vulgaris</i> and the subsequent biodiesel production	Chemical Engineering Communications	SEP	2018
46.	Bhawanisingh G Desai	Postrift deltaic sedimentation in western Kachchh Basin: Insights from ichnology and sedimentology	Palaeogeography, Palaeoclimatology, Palaeoecology	SEP	2018
47.	Brajesh Kumar Jha	Analytically depicting the calcium diffusion for Alzheimer's affected cell	International Journal of Biomathematics	SEP	2018
48.	Debasis Sarkar	Integration of BIM and Risk Management : A Review of Literature	International Journal of Management Technology and Engineering	SEP	2018
49.	Indrajit Mukhopadhyay	Electrochemical deposition of cabbage-like lead	Journal of Solid State Electrochemistry	SEP	2018

		microstructures on fluorine-doped tin oxide for oxygen sensor application			
50.	Manan Rajiv Shah	Groundwater analysis of Dholera geothermal field, Gujarat, India for suitable applications	Groundwater for Sustainable Development, Elsevier	SEP	2018
51.	Poonam Prakash Mishra	A Hybrid bVAR-NARX Wind Power Forecasting Model Based on Wind and Load Demand Correlation: A Case Study of ERCOT's System from an ISO's Perspective	Electric power Component and System SCOPUS	SEP	2018
52.	Prahlad Kumar Baruah	Hybrid Formulation of Cu Nanoparticles and Labdane Diterpene from Alpinia Nigra: A Vibrational Spectroscopic Study	Journal of Applied Spectroscopy	SEP	2018
53.	Rahul Saha	Effects of interfacial tension, oil layer break time, emulsification and wettability alteration on oil recovery for carbonate reservoirs	Colloids and Surfaces A: Physicochemical and Engineering Aspects	SEP	2018
54.	Rajasekhar Reddy Busigari	Microwave-assisted co-pyrolysis of high ash Indian coal and rice husk: Product characterization and evidence of interactions	Fuel Processing Technology	SEP	2018
55.	Satish Chandra Pandey	Introducing Human Behavior for Sustainability: Exploring Psycho-Social Aspects Determining Energy Conservation Behavior	Journal of Strategic Human Resource Management	SEP	2018
56.	Satyam Mahendrarao Shinde	Electronic, magnetic, thermoelectric and lattice dynamical properties of full heusler alloy Mn ₂ RhSi: DFT study	Physica B: Condensed Matter	SEP	2018
57.	Sitakanta Mishra	The Nuclear Prodigal in Korean Peninsula	World Focus	SEP	2018
58.	Sukanta Kumar Dash	Effective use of surplus LP steam to maximize cracker throughput and reduce energy consumption	Journal Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	SEP	2018
59.	Uttam Kumar Bhui	Interaction Study of Clay bearing Amphibolite-Crude Oil-Saline Water: Molecular Level Implications for Enhanced Oil Recovery during Saline Water Flooding	Journal of Earth System Science	SEP	2018

60.	V S K V Harish	Solar based Integrated Energy Systems for Green Building Applications	Trends in Mechanical Engineering & Technology	SEP	2018
61.	Vinay Vakharia	Tool wear rate prediction using discrete wavelet transform and K-Star algorithm	Life Cycle Reliability and Safety Engineering	SEP	2018
62.	Vivek Jayantkumar Pandya	Optimal selection of distributed generating units and its placement for voltage stability enhancement and energy loss minimization	Ain Shams Engineering Journal , Production and hosting by Elsevier	SEP	2018
63.	Vivek Kumar	Influence of dimple geometry and micro-roughness orientation on performance of textured hybrid thrust pad bearing	Meccanica	SEP	2018
64.	Vivek V. Patel	Experimental and numerical investigations of bonding interface behavior in stationary shoulder friction stir lap welding	Journal of Materials Science & Technology	SEP	2018
65.	Abhijit D Ray	Effect of vacuum and sulphur annealing on the structural properties of spray deposited Cu ₂ SnS ₃ thin films	Vacuum	OCT	2018
66.	Abhijit Das	Application of HAM to the von Kármán Swirling Flow with Heat Transfer Over a Rough Rotating Disk	International Journal of Applied and Computational Mathematics	OCT	2018
67.	Akash B Patel	Basel III: Cost-Benefit Analysis for Indian Banks	NMIMS Management Review	OCT	2018
68.	Akash B Patel	Summary of Basel III: Cost-Benefit Analysis for Indian Banks	NMIMS Journal of Economics and Public Policy	OCT	2018
69.	Ashish B Joshi	Real Estate Regulation Act (RERA), 2016: Implementation and Issues	International Journal of Management Studies	OCT	2018
70.	Ashish B Joshi	A Comparative Study on Working Capital Management and Cash Flow Analysis Practices of Selected Companies in FMCG Industry	International Journal of Management Studies	OCT	2018
71.	Ashvin R Dave	Performance Evaluation of Public Sector Mutual Funds- Evidences from India	International Journal of Management Studies	OCT	2018
72.	Ashvin R Dave	Determinants of Public Sector Banks' Profitability	International Journal of Management and Applied Sciences	OCT	2018
73.	Ashvin R Dave	Decoding profitability Blackbox of Indian Banking Sector - An Empirical Study	International Journal of Management Studies	OCT	2018

74.	Balamurali Krishna Mayya K.	Plasma rotation measurement using UV and visible spectroscopy on Aditya-U tokamak	Review of Scientific Instruments	OCT	2018
75.	Balamurali Krishna Mayya K.	Design of tangential x-ray crystal spectrometer for Aditya-U tokamak	Review of Scientific Instruments	OCT	2018
76.	Bharti Saini Verma	An approach to minimize the ozone loss in a series reactor: A case of peroxone process	Journal of Environmental Chemical Engineering	OCT	2018
77.	Bhawanisingh G Desai	Selection and Identification of Interwell Tracers for Reservoir Characterization of Clastic Rock: A Case Study from Cretaceous Himmatnagar Sandstones	Petroleum & Petrochemical Engineering Journal	OCT	2018
78.	Ganga Prasad Pandey	Multi band Multi Polarized Reconfigurable Circularly Polarized Monopole Antenna with Simple Biasing Network	AEU - International Journal of Electronics and Communications	OCT	2018
79.	Indrajit Mukhopadhyay	36.Effect of vacuum and sulphur annealing on the structural properties of spray deposited Cu ₂ SnS ₃ thin films	Vacuum	OCT	2018
80.	Kush P Mehta	A review on friction-based joining of dissimilar aluminum–steel joints	Journal of Materials Research	OCT	2018
81.	Manish Kumar Sinha	Micellar-Enhanced Ultrafiltration for Removal of Crystal Violet Dye from an Aqueous Solution	International Journal of Advances in Science, Engineering and Technology	OCT	2018
82.	Manish Kumar Sinha	Effect of hydrophilic poly(ethylene glycol) methyl ether additive on the structure, morphology, and performance of polysulfone flat sheet ultrafiltration membrane	Journal of Applied Polymer Science	OCT	2018
83.	Manoj Kumar Pandey	"Amyloid like structures formed by single amino acid self-assemblies of Cysteine and Methionine." ACS chemical neuroscience (2018).	ACS Chemical Neuroscience	OCT	2018
84.	Manoj Kumar Sahoo	Riding on Liquidity, Demonetization and Digitalization: Revisiting Budget 2017-18	Asian Journal of Multidimensional Research,	OCT	2018
85.	Neelam Singha	Jacobi and Legendre variational tests for a class of generalized fractional variational problem	Rendiconti del Circolo Matematico di Palermo Series 2	OCT	2018

86.	Nirav P Patel	An analytical investigation of the best stacking sequence of a symmetric laminated composite plate weakened by a hole	Mathematics and Mechanics of Solids	OCT	2018
87.	Niyati Chirag Trivedi	Acts of Accretion and Acts of Abrasion: Exploring Textually and Performatively Constituted Identity of Binodini Dasi as represented in her Self-Narratives	International Journal of English Languages, Literature in Humanities (IJELLH)	OCT	2018
88.	Prashanta Chandra Panda	Riding on Liquidity, Demonetization and Digitalization: Revisiting Budget 2017-18	Asian Journal of Multidimensional Research	OCT	2018
89.	Prashanta Chandra Panda	Entrepreneurship and Inclusion in Value Chains for Poverty Reductions	Review of Research Journal	OCT	2018
90.	Prashanta Chandra Panda	“Ooh Preachers of Good Life” and “Quit it Boy”	International Journal of English Language , Literature in English and Humanities	OCT	2018
91.	Sitakanta Mishra	S-400 Triumph: Analysing Strategic Dimensions	Defence and Diplomacy	OCT	2018
92.	Sitakanta Mishra	Nuclear Energy in India: Changing Dynamics of Public Opposition and Social Acceptance	Faultlines	OCT	2018
93.	Sitakanta Mishra	The Korean Nuclear Imbroglia: Can India be a Muted Spectator?	Artha Journal of Social Sciences	OCT	2018
94.	Sudhir Yadav	Marketing Capabilities for Internationalization	International Journal of Business Strategy	OCT	2018
95.	Sukanta Kumar Dash	Modelling and simulation of naphtha cracker	Indian Chemical Engineer, Taylor and Francis	OCT	2018
96.	Urmi Satyan Dave	Role of Language and Culture in a Diasporic Society 136-142)	New Academia: An International Journal of English Language, Literature and Literary Theory	OCT	2018
97.	V S K V Harish	Optimal energy sharing within a solar based DC micro grid	Advances in Intelligent Systems and Computing. Springer	OCT	2018
98.	V S K V Harish	Modelling of peer to peer sharing of power within solar based DC micro grids	Trends in Mechanical Engineering & Technology	OCT	2018

99.	Abhijit D Ray	Electrical properties modulation in spray pyrolysed Cu ₂ SnS ₃ thin films through variation of copper precursor concentration for photovoltaic application	Journal of Analytical and Applied Pyrolysis	NOV	2018
100.	Anirbid B Sircar	Statistical optimization and kinetic study on biodiesel production from a potential non-edible bio-oil of wild radish	Chemical Engineering Communications	NOV	2018
101.	Anirbid B Sircar	Demarcating sweet spots in Cambay shale.....	One Petro	NOV	2018
102.	Anirbid B Sircar	Optimization and kinetic studies on biodiesel production from microalgae (<i>Euglena sanguinea</i>) using calcium methoxide as catalyst	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	NOV	2018
103.	Bharti Saini Verma	Incorporation of cross-linked poly(AA-co-ACMO) copolymer with pH responsive and hydrophilic properties to polysulfone ultrafiltration membrane for the mitigation of fouling behaviour	Journal of Membrane Science	NOV	2018
104.	Dhruvesh P Patel	Integrated framework for soil and water conservation in Kosi River Basin through soil hydraulic parameters, morphometric analysis and Earth observation dataset	Geocarto International	NOV	2018
105.	Ganga Prasad Pandey	Design of Circularly Polarized Modified Minkowski Fractal Based Antenna for UHF RFID Reader Applications	Advanced electromagnetics	NOV	2018
106.	Indrajit Mukhopadhyay	Systematic investigation of close-packed silica nanospheres monolayer under sintering conditions	Journal of the European Ceramic Society	NOV	2018
107.	Indrajit Mukhopadhyay	Electrical properties modulation in spray pyrolysed Cu ₂ SnS ₃ thin films through variation of copper precursor concentration for photovoltaic application	Journal of Analytical and Applied Pyrolysis	NOV	2018
108.	Leena Santosh	A Hybrid bVAR-NARX Wind Power Forecasting Model Based on Wind and Load Demand Correlation: A Case Study of ERCOT's System from an ISO's Perspective	Electric Power Components and Systems	NOV	2018

109.	Manish Kumar Sinha	Incorporation of cross-linked poly(AA-co-ACMO) copolymer with pH responsive and hydrophilic properties to polysulfone ultrafiltration membrane for the mitigation of fouling behaviour	Journal of Membrane Science	NOV	2018
110.	Manish Kumar Sinha	An approach to minimize the ozone loss in a series reactor: A case of peroxone process	Journal of Environmental Chemical Engineering	NOV	2018
111.	Neeta Avtar Khurana	Titled 'Feminist PerspectivMaternity Benefits: Disparities in Legal Jurisprudence'	International Journal of English Language, Literature in Humanities (IJELLH)	NOV	2018
112.	Neeta Avtar Khurana	Wars, Words, and Identities in 'No Longer Human' by Osamu Dazai, and 'Steppenwolf' by Hermann Hesse	International Journal of English Language, Literature in Humanities (IJELLH)	NOV	2018
113.	Neeta Avtar Khurana	Feminist Perspective on Maternity Benefits: Disparities in Legal Jurisprudence	International Journal of English Language, Literature in Humanities (IJELLH)	NOV	2018
114.	Nirav P Patel	The analytical study of Stress Concentration Factor in an Infinite Plate at various Temperatures	Lecture Notes in Advances in Material Sciences and Engineering	NOV	2018
115.	Pavan Kumar Gurralla	Design and Manufacturing of Nasal Conformer	Materials Science Forum	NOV	2018
116.	Pradeep Kumar Mallik	Strengthening Democracy: Is Media up to the challenge?	Global Media Journal	NOV	2018
117.	Praghresh Bhatt	Auto-reclosing scheme with adaptive dead time control for extra-high-voltage transmission line	IET Science, Measurement & Technology	NOV	2018
118.	Praghresh Bhatt	Sequence-space-aided SVM classifier for disturbance detection in series compensated transmission line	IET Science, Measurement & Technology	NOV	2018
119.	Prashanta Chandra Panda	Political Economy of Refugee Crisis	Review of Research Journal	NOV	2018
120.	Prashanta Chandra Panda	Journey of Job-Star	Contemporary Literary Review India	NOV	2018
121.	Pravin V Kodgire	Application of Microwave Energy for Biodiesel Production using Waste Cooking Oil	Materials Today: Proceedings	NOV	2018

122.	Ranjan Kumar Pati	Electrical properties modulation in spray pyrolysed Cu ₂ SnS ₃ thin films through variation of copper precursor concentration for photovoltaic application	Journal of Analytical and Applied Pyrolysis	NOV	2018
123.	Rohit Srivastava	Evaluation of RegCM 4.4 to get Cloud and Monsoon Features with Seasons over India	International Journal of Environmental Science and Development	NOV	2018
124.	Sandip Jayantilal Pathak	Analyzing The Organizational Culture Of A Nationalized Bank In India From The Generation Perspective	International Journal of Advance & Innovative Research	NOV	2018
125.	Sivakumar P	Statistical optimization and kinetic study on biodiesel production from a potential non-edible bio-oil of wild radish	Chemical Engineering Communications	NOV	2018
126.	Swapnil Dharaskar	Deep eutectic solvents for extraction-desulphurization: A review	Journal of Molecular Liquids	NOV	2018
127.	Tanushri Arindam Banerjee	Web Content Analysis of Online Grocery Shopping Web Sites in India	Scopus & Web of Science Journal: International Journal of Business Analytics (IJBAN) by IGI Global	NOV	2018
128.	Vivek V. Patel	Stationary shoulder tool in friction stir processing: a novel low heat input tooling system for magnesium alloy	Materials and Manufacturing Processes	NOV	2018
129.	Anirbid B Sircar	A review of casing while drilling technology for oil and gas production with well control model and economic analysis	Petroleum Research	DEC	2018
130.	Ankush Raje	A numerical study on the unsteady flow of immiscible micropolar fluid sandwiched between Newtonian fluids through a channel	Journal of Applied Mechanics and Technical Physics	DEC	2018
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		concentration distribution fractionally in nerve cells	Computational Life Sciences		
134.	Debasis Sarkar	Statistical process control and strength monitoring of ready mixed concrete through the application of CUSUM and EWMA control charts: a case study of Ahmedabad and Gandhinagar RMC plants	International Journal of Quality Engineering and Technology	DEC	2018
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138.	Jitendra G. Jamnani	"Estimating the Dynamic states of Multi-machine power system using Extended and Unscented Kalman Filter"	International Journal of Power and Energy Systems	DEC	2018
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142.	Meera Karamta	Estimating the Dynamic States of Multi-Machine Power System Using Extended and Unscented Kalman Filter	International Journal of Power and Energy Systems	DEC	2018
143.	Narayan C. Baser	An Empirical Study On Co-Integration and Causal Relationship Between Sensex And Crude Oil Prices: Evidences From Pre and Post Global Financial Crisis of 2008	Journal of Management Research and Analysis (UGC Approval No. 63796)	DEC	2018
144.	Neeta Avtar Khurana	Evaluating the Evolution of Patriarchy in India and the West'	International Journal of Gender and Women's Studies	DEC	2018

145.	Nirav P Patel	Comparative Investigation of Alloy Plates against Ballistic Impact, blast, and fire loading	lecture notes in Emerging trends in mechanical engineering	DEC	2018
146.	Nirav P Patel	Effects of Cut-Out Orientation and Fiber Angle on Stress Concentration in an Infinite Orthotropic Plate	International Journal for Computational Methods in Engineering Science and Mechanics	DEC	2018
147.	Pawan Sharma	Microwave Sintering of Ti6Al4V: Optimization of Processing Parameters for Maximal Tensile Strength and Minimal Pore Size	Metals	DEC	2018
148.	Pawan Sharma	Morphological and mechanical characterization of topologically ordered open cell porous iron foam fabricated using 3D printing and pressureless microwave sintering	Materials and Design	DEC	2018
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150.	Prahlad Kumar Baruah	Optimization of copper nanoparticles synthesized by pulsed laser ablation in distilled water as a viable SERS substrate for karanjin	Material Chemistry and Physics	DEC	2018
151.	Prahlad Kumar Baruah	Effective control of particle size, surface plasmon resonance and stoichiometry of Cu@Cu ₂ O nanoparticles synthesized by laser ablation of Cu in distilled water	Optics & Laser Technology	DEC	2018
152.	Prahlad Kumar Baruah	Incubation studies and the threshold for surface damage and cavity formation in the processing of polycarbonate by Nd:YAG laser	Optics & Laser Technology	DEC	2018
153.	Rajesh Shriramsa Gujar	Modeling and Prediction of Freight for Blocked and Unblocked Conditions Using Machine Learning Techniques	Transportation Research Procedia	DEC	2018
154.	Rajesh Shriramsa Gujar	Modelling efficiency of industrial waste utilised for microsurfacing using artificial neural networks	Int. J. Environment and Waste Management	DEC	2018
155.	Ranjan Kumar Pati	Effect of vacuum and sulphur annealing on the structural properties of spray deposited Cu ₂ SnS ₃ thin films	Vacuum	DEC	2018

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157.	Shobhit Nigam	Robot-Storage Zone Assignment Strategies in Mobile Fulfillment Systems	Transportation Research Part E: Logistics and Transportation Review, Elsevier	DEC	2018
158.	Simran Jeet Singh	Nonlinear Vibration Analysis of Sigmoid Functionally Graded Sandwich Plate with Ceramic-FGM-Metal Layers	Journal of Vibration Engineering & Technologies	DEC	2018
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164.	Vivek V. Patel	Improving microstructural and tensile properties of AZ31B magnesium alloy joints by stationary shoulder friction stir welding	Journal of Manufacturing Processes	DEC	2018
165.	Abhishek Kumar	Traveling Wire Electrochemical Discharge Machining (TW-ECDM) of Quartz Using Zinc Coated Brass Wire: Investigations on Material Removal Rate and Kerf Width Characteristics	SILICON	JAN	2019
166.	Ashish B Joshi	United States - China trade War And its effects on Global Economy	International Journal of Management Studies	JAN	2019
167.	Ashish B Joshi	A study on HR Practices in Engineering Industries of Selected District of Gujarat.	Kaav International Journal of Law, Finance & Industrial Relations	JAN	2019
168.	Ashvin R Dave	Empirical Study of Relationship of Working Capital Management and Profitability of Indian	International Journal of Management Studies	JAN	2019

		Passenger Car Manufacturing Sector			
169.	Bhawanisingh G Desai	Response of cephalopod communities on abrupt environmental changes during the early Aptian OAE1a in the Middle Russian Sea	Cretaceous Research	JAN	2019
170.	Brajesh Kumar Jha	Study of Calcium Distribution in Alzheimer's Disease Using Finite Element Technique	International Journal of Bioscience, Biochemistry and Bioinformatics	JAN	2019
171.	Brijesh Tripathi	Understanding charge carrier dynamics in a P3HT:FLR blend	Phys. Chem. Chem. Phys.	JAN	2019
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178.	Indrajit Mukhopadhyay	Electrochemical deposition of cabbage-like lead microstructures on fluorine-doped tin oxide for oxygen sensor application	Journal of Solid State Electrochemistry	JAN	2019
179.	Janardhan Vistapalli	Generating Real-time Trajectories for A Planar Biped Robot Crossing A Wide Ditch With Landing Uncertainties	Robotica	JAN	2019
180.	Jaykumar J Vora	Temperature Distribution During Friction Stir Welding of AA2014 Aluminum Alloy: Experimental and Statistical Analysis	Transactions of the Indian Institute of Metals	JAN	2019

181.	Jitendra G. Jamnani	Coordination of SVC and TCSC for Management of Power Flow by Particle Swarm Optimization	Energy Procedia-Elsevier	JAN	2019
182.	Kiran Bhaskar Mysore	Effect of input parameters on friction stir processing of AA2014-T6 using response surface methodology	Int. J. Microstructure and Materials Properties	JAN	2019
183.	Manoj Kumar Pandey	Understanding charge carrier dynamics in a P3HT:FLR blend	Phys. Chem. Chem. Phys.	JAN	2019
184.	Manoj Sahni	Comparison of Newton-Raphson and Kang's Method with newly developed Fuzzified He's Iterative method for solving nonlinear equations of one variable	Wseas Transactions on Mathematics	JAN	2019
185.	Manoj Sahni	Second Order Cauchy Euler Equation and Its Application for Finding Radial Displacement of a Solid Disk using Generalized Trapezoidal Intuitionistic Fuzzy Number	Wseas Transactions on Mathematics	JAN	2019
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188.	Pawan Sharma	Corrosion behaviour of the porous iron scaffold in simulated body fluid for biodegradable implant application	Materials Science & Engineering C	JAN	2019
189.	Pravin V Kodgire	In-situ reactive extraction of castor seeds for biodiesel production using the coordinated ultrasound – microwave irradiation: Process optimization and kinetic modeling	Ultrasonics - Sonochemistry	JAN	2019
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191.	Ranjan Kumar Pati	Effective light polarization insensitive and omnidirectional properties of Si nanowire arrays developed on different crystallographic planes	Nanotechnology	JAN	2019

192.	Sandip Jayantilal Pathak	Disaster and Security Preparedness of Libraries in India	Library Philosophy and Practice (e-journal)	JAN	2019
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194.	Sitakanta Mishra	Dragon's Footprint Bound to Fade, Sooner or Later	World Focus	JAN	2019
195.	Sivakumar P	Kinetic and thermodynamic studies on the extraction of bio oil from <i>Chlorella vulgaris</i> and the subsequent biodiesel production	Chemical Engineering Communications	JAN	2019
196.	Sivakumar P	Optimization and kinetic studies on biodiesel production from microalgae (<i>Euglena sanguinea</i>) using calcium methoxide as catalyst	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	JAN	2019
197.	Sivakumar P	A review on conductive and non-conductive coatings on IC engines piston crown and cylinder to increase the efficiency and reduce the emission (Accepted).	Ecology, Environment and Conservation	JAN	2019
198.	Sivakumar P	Photosynthetic free and immobilized cells of <i>Scenedesmus abundans</i> for desalination of sea water	Desalination and Water Treatment	JAN	2019
199.	Sivakumar P	An overview on the process intensification of microchannel reactors for biodiesel production	Chemical Engineering & Processing: Process Intensification	JAN	2019
200.	Sivasankar P	Influence of bio-clogging induced formation damage on performance of microbial enhanced oil recovery processes	Fuel	JAN	2019
201.	Surendra Singh Kachhwaha	'In-situ reactive extraction of castor seeds for bio diesel production using the coordinated ultrasound-microwave irradiation: Process optimization and kinetic modeling	Ultrasonics Sonochemistry Journal	JAN	2019
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203.	Tapan Kumar Pal	Syntheses, crystal structures and photo physical aspects of azido-bridged tetranuclear cadmium (II) complexes: DFT/TD-DFT, thermal, antibacterial and anti-biofilm properties	Journal of Molecular Structure	JAN	2019
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205.	Tapan Kumar Pal	Syntheses, Structures and Topology Variations of Metal Organic Frameworks Built From a Semi-Rigid Tetracarboxylate Ligand	chemistry select	JAN	2019
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208.	Vishvesh Jayantbhai Badheka	Wear behavior of boron-carbide reinforced aluminum surface composites fabricated by Friction Stir Processing	Wear 426–427 (2019)	JAN	2019
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214.	Anirbid B Sircar	Techno-economical and Experimental Analysis of Biodiesel Production from Used Cooking Oil	BioPhysical Economics and Resource Quality	FEB	2019
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		Thermometry analysis of Unai Geothermal field, Gujarat, India			
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248.	Vishvesh Jayantbhai Badheka	Delta (δ) Ferrite Formation in the Welds of Aluminized 9Cr-1Mo Steels	Metallography, Microstructure, and Analysis, DOI 10.1007/s13632-019-00528-1	FEB	2019
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		hydrothermal synthesized Pt loaded TiO ₂ nano-rods towards vapor phase isopropanol			
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301.	Anirbid B Sircar	Batch and column studies on the removal of methyl orange by <i>Acalypha indica</i> biomass using gravitational search algorithm as an optimization tool	Desalination and Water Treatment	APR	2019
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352.	Anirbid B Sircar	A comprehensive review of the application of nano-silica in oil well cementing	Petroleum	JUN	2019
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364.	Vishvesh Jayantbhai Badheka	Effect of Oxide Fluxes in Activated TIG Welding of Stainless Steel 316LN to Low Activation Ferritic/Martensitic Steel (LAFM) Dissimilar Combination	Transactions of the Indian Institute of Metals	JUN	2019
365.	Vivek Ramalingam	Evolution of hysteresis relative permeability of wetting brine phase using contact angle hysteresis in a partially saturated CO ₂ -brine system	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	JUN	2019
366.	Vivek V. Patel	Diffusion Bonding of Ti6Al4V and SS 304 with Nb Interlayer	Materials Performance and Characterization	JUN	2019
367.	Vivek V. Patel	Through-thickness microstructure and mechanical properties in stationary shoulder friction stir processed AA7075	Materials Science and Technology	JUN	2019

Books

Sr. No.	Faculty	Title	Month	Year
1.	Dinesh Kumar	Auction based Resource Provisioning in Cloud Computing	JUL	2018
2.	Jitendra G. Jamnani	Elements of Electrical Design	JUL	2018
3.	Nishant Doshi	Internet of Things Security Challenges, Advances, and Analytics	AUG	2018
4.	Sitakanta Mishra	Contemporary Concerns: Strategic, Economic, Cyber, Gender and Beyond	AUG	2018
5.	Manish Kumar Sinha	Stimuli Responsive Polymeric Membranes	SEP	2018
6.	Ritu Sharma	Reform and Rehabilitation of Bootlegger Women of Chhara Community	OCT	2018
7.	Kush P Mehta	Fabrication and Processing of Shape Memory Alloys	NOV	2018
8.	Abhijit D Ray	Electrocatalysts for Fuel Cells and Hydrogen Evolution - Theory to Design	DEC	2018
9.	Indrajit Mukhopadhyay	Electrocatalysis for fuel cells and Hydrogen Evolution Theory to Design	DEC	2018

10.	Ranjan Kumar Pati	Electrocatalysts for Fuel Cells and Hydrogen Evolution, Theory to Design	DEC	2018
11.	Kiran Bhaskar Mysore	Fundamentals of Ergonomics	FEB	2019
12.	Pramod Damodar Paliwal	Natural Gas Transmission and Distribution Business	FEB	2019
13.	Sudhir Yadav	Natural Gas Transmission and Distribution Business	FEB	2019
14.	Vishvesh Jayantbhai Badheka	Advances in Welding Technologies for Process Development	FEB	2019
15.	Vivek K. Patel	Thermal System Optimization	FEB	2019
16.	Jaykumar J Vora	Advances in Welding Technologies for Process Development	MAR	2019

Articles/Chapters Published in the books

Sr. No.	Faculty	Title	Month	Year
1.	Kumar Srivastava Anurag	Comparative Urban Development	JUL	2018
2.	Kumar Srivastava Anurag	Public Versus Private Sector	JUL	2018
3.	Kumar Srivastava Anurag	Bureaucracy and Public Policy	JUL	2018
4.	Sitakanta Mishra	Illegal Cross-Border Migration in South Asia: Impediments to Regional Peace and Stability	JUL	2018
5.	Lalit Kumar Khurana	Wealth Management	AUG	2018
6.	Lalit Kumar Khurana	Supply Chain Financing	AUG	2018
7.	Neeta Sinha	Millennial Generation HR Concerns	AUG	2018
8.	Pradeep Kumar Mallik	Social media: Muscular Limbs, Worrisome Belly	AUG	2018
9.	Shobhit Nigam	Single Multiplicative Neuron Model in Reinforcement Learning	AUG	2018
10.	Divi Sriram	Nutrition and Health Status of Construction Workers' Children in Gujarat: An Empirical Study of Gandhinagar	SEP	2018
11.	Jaykumar J Vora	Effect of Friction Stir Welding of Aluminum Alloys AA6061/AA7075: Temperature Measurement, Microstructure, and Mechanical Properties	SEP	2018
12.	Kush P Mehta	Machining of Shape Memory Alloys	SEP	2018
13.	Kush P Mehta	Welding and Joining of Shape Memory Alloys	SEP	2018
14.	Kush P Mehta	Processing of Shape Memory Alloys	SEP	2018

15.	Manoj Kumar Sahoo	Nutrition and Health Status of Construction Workers' Children in Gujarat: An Empirical Study of Gandhinagar'	SEP	2018
16.	Mehul Shirishchandra Raval	Reversible Data Hiding: An active forensic framework for digital images	SEP	2018
17.	Rajesh Shriramsa Gujar	Efficient Road Asset Management with Output and Performance-Based Road Contract	SEP	2018
18.	Rakesh Vasant Chaudhari	Experimental Investigation of High-Speed Turning of INCONEL 718 Using PVD-Coated Carbide Tool Under Wet Condition	SEP	2018
19.	Ronak Omprakash Motiani	Seismic Vulnerability Assessment of Mid-rise Reinforced Concrete Building in Ahmedabad	SEP	2018
20.	Tejaskumar Thaker	Efficient Road Asset Management with Output and Performance-Based Road Contract	SEP	2018
21.	Vishal Ashok Wankhede	Experimental Investigation of High-Speed Turning of INCONEL 718 Using PVD-Coated Carbide Tool Under Wet Condition	SEP	2018
22.	Vishvesh Jayantbhai Badheka	Electrochemical Deburring of Al6082 Using NaCl Electrolyte: An Exploratory Study	SEP	2018
23.	Vishvesh Jayantbhai Badheka	Experimental Comparison of TIG and Friction StirWelding Process for AA6063-T6 Aluminum Alloy	SEP	2018
24.	Vishvesh Jayantbhai Badheka	Wear Behaviour of Boron Carbide Added Friction Surfaced Cladded Layer	SEP	2018
25.	Vishvesh Jayantbhai Badheka	A Review on Dissimilar Friction Stir Welding of Aluminum Alloys to Titanium Alloys	SEP	2018
26.	Vishvesh Jayantbhai Badheka	Effect of Shoulder Diameter on Friction StirWelding of Al 6061 to SS 304	SEP	2018
27.	Ashutosh Muduli	Family Roles Posing Challenges for Women Leaders in India	OCT	2018
28.	Jaykumar J Vora	Development of activated TIG welding technology for low alloy steels: A step towards sustainable manufacturing	OCT	2018
29.	Mehul Shirishchandra Raval	Insider Threat Detection: Machine Learning Way	OCT	2018
30.	Pradeep Kumar Mallik	Smiling examiner, generous professor	OCT	2018
31.	Surendra Singh Kachhwaha	Performance evaluation of various wave energy converters along the western side of Indian EEZ	OCT	2018
32.	Anantha Singh T S	Chapter 7, Mechanism of Treatment Methods of Arsenic-Contaminated Water, Mechanisms of Arsenic Toxicity and Tolerance in Plants	NOV	2018

33.	Bhasuru Abhinaya Srinivas	Performance evaluation of various wave energy converters along the western side of Indian EEZ	NOV	2018
34.	Garlapati Nagababu	Performance evaluation of various wave energy converters along the western side of Indian EEZ	NOV	2018
35.	Nishant Doshi	Security Challenges in IoT Cyber World	NOV	2018
36.	Sanjay Kumar Pradhan	Sustainability and Energy Savings: Perspective through e-Government Practices	NOV	2018
37.	Ankush Raje	MHD Flow and Heat Transfer of Immiscible Micropolar and Newtonian Fluids Through a Pipe: A Numerical Approach	DEC	2018
38.	Kush P Mehta	Sustainability in Welding and Processing	DEC	2018
39.	Mehul Shirishchandra Raval	Securing Biometrics Using Data Hiding Techniques	DEC	2018
40.	Nishant Doshi	Secure Threshold Attribute-Based Signcryption with Constant Number of Pairings	DEC	2018
41.	Sitakanta Mishra	India's Rendezvous with Non-Proliferation, Arms Control and Disarmament	DEC	2018
42.	Abhijit Das	An Analytic Solution of the Unsteady Flow Between Two Coaxial Rotating Disks	JAN	2019
43.	Jaykumar J Vora	Developments in Friction Stir Processing—A Near Net Shape Forming Technique	JAN	2019
44.	Poonam Prakash Mishra	Optimal cycle time and payment options for retailer	JAN	2019
45.	Poonam Prakash Mishra	Optimizing integrated production inventory model for time dependent deteriorating items using analytical and geometrical approach	JAN	2019
46.	Pradeep Kumar Mallik	Media and Social Exclusion	JAN	2019
47.	Santosh Kumar Bharti	Sarcasm Detection in Twitter Data: A Supervised Approach	JAN	2019
48.	Swapnil Dharaskar	Recent Updates on Heavy Metal Remediation Using Date Stones (Phoenix dactylifera L.) – Date Fruit Processing Industry Waste	JAN	2019
49.	Tanushri Arindam Banerjee	Designing a Business Analytics Culture in Organizations in India	JAN	2019
50.	Vivek V. Patel	Effect Friction Stir Welding of Aluminum Alloys AA6061/AA7075: Temperature Measurement, Microstructure, and Mechanical Properties	JAN	2019
51.	Vivek V. Patel	Developments in Friction Stir Processing—A Near Net Shape Forming Technique	JAN	2019
52.	Ashvin R Dave	Empirical Study of Profitability Determinants in Information Technology and Tele communication Sector in India	FEB	2019
53.	Debasis Sarkar	Role of Professional Vigilance in Design and Construction :A Case Study of Solar Projects	FEB	2019

54.	Jaykumar J Vora	Regulated Metal Deposition (RMD™) Technique for Welding Applications: An Advanced Gas Metal Arc Welding Process	FEB	2019
55.	Jaykumar J Vora	Different Methodologies for the Parametric Optimization of Welding Processes	FEB	2019
56.	Jaykumar J Vora	Insights into the Flux-Assisted TIG Welding Processes	FEB	2019
57.	Kiran Bhaskar Mysore	Non-contact surface Roughness Assessment Using machine Vision Approach	FEB	2019
58.	Pankaj Sahlot	Wear mechanism for H13 steel tool during friction stir welding of CuCrZr alloy	FEB	2019
59.	Vivek V. Patel	Friction Stir Welding and Its Variants	FEB	2019
60.	Ashutosh Muduli	Embedding a New Health and Safety Culture within an Indian National Gas Transmission Company	MAR	2019
61.	Vivek V. Patel	Homogeneous Grain Refinement and Ductility Enhancement in AZ31B Magnesium Alloy Using Friction Stir Processing	MAR	2019
62.	Vivek V. Patel	Stationary Shoulder Friction Stir Processing: A Low Heat Input Grain Refinement Technique for Magnesium Alloy	MAR	2019
63.	Simran Jeet Singh	Static Analysis of Functionally Graded Plate Using Nonlinear Classical Plate Theory with von Karman Strains: A Complex Solution Analysis	APR	2019

Reports

Sr. No.	Faculty	Title	Month	Year
1.	Indrajit Mukhopadhyay	Training Module of Solar Rooftop PV Installation, Maintenance and Monitoring	JUL	2018
2.	Pradeep Kumar Mallik	(ii) Status report. Development journalism education in India. Working professional segment. UNICEF-University of Rajasthan (Jaipur, India) project	JUL	2018
3.	Neeta Avtar Khurana	Reform and Rehabilitation of Bootleggar Women of Chhara Community: An Impact assessment Report	OCT	2018
4.	Nishant Doshi	An Enhanced Approach for Three Factor Remote User Authentication in Multi-Server Environment	OCT	2018
5.	Abhijit D Ray	Training module for solar rooftop PV installation, maintenance, monitoring	NOV	2018
6.	Pradeep Kumar Mallik	Signs and Symbols in Political Communication...	JAN	2019
7.	Pradeep Kumar Mallik	ONGC Corporate Social Responsibility Initiative in Dahod District, Gujarat: Initial Impact Study	FEB	2019

Papers in conference proceedings

Sr. No.	Faculty	Title	Month	Year
1.	Vivek K. Patel	Multi-objective optimization of ammonia heat pipe	JUN	2018
2.	Kishan Ashok Fuse	Optimal Feeder Design of Pressure Vessel From Gunmetal Using Investment Casting - A Case Study	JUL	2018
3.	Manoj Sahni	DMS Way of Finding the Optimum Number of Iterations for Fixed Point Iteration Method	JUL	2018
4.	Satyam Mahendrarao Shinde	First Principle Calculation of Structural, Electronic and Magnetic Properties of Mn ₂ RhSi Heusler Alloy	JUL	2018
5.	Satyam Mahendrarao Shinde	Tuning electronic properties of graphene nanoflake polyaromatic hydrocarbon through molecular charge-transfer interactions	JUL	2018
6.	Ganga Prasad Pandey	Gain enhancement of I-cross antenna using parasitic fractal patches for UWB applications	AUG	2018
7.	Jaykumar J Vora	Effect of pentagon tool pin profile on friction stir welding of dissimilar aluminum alloy AA6061 and AA7075	AUG	2018
8.	Kiran Bhaskar Mysore	An Investigation of Correlation between Surface Roughness Parameters and Image Texture Features of 6082T6 Alloy Sand Blasted Components	AUG	2018
9.	Manoj Sahni	Numerical solution for FGM disk with variable thickness in a quadratic and cubic form	AUG	2018
10.	Nishant Doshi	An Enhanced Scheme for PHR on Cloud Servers Using CP-ABE	AUG	2018
11.	Poonam Prakash Mishra	Stochastic market clearing with revenue sufficiency generation	AUG	2018
12.	Rajesh Patel	Layout optimization of a wind farm using geometric pattern-based approach	AUG	2018
13.	Bhawanisingh G Desai	Assessing porosity-permeability heterogeneity in bioturbated sediments: Implication for clastic reservoir characterization	SEP	2018
14.	Bhawanisingh G Desai	Characterization of Organic Potential of Jhural Shale Formation	SEP	2018
15.	Brijesh Tripathi	Proposing an electro-thermal spice model to investigate the effect of partial shading on CIGS PV modules	SEP	2018
16.	Debasis Sarkar	Integration of BIM and Risk Management : A review of Literature	SEP	2018
17.	Jitendra G. Jamnani	Coordination of SVC and TCSC for Management of Power Flow by Particle Swarm Optimization	SEP	2018

18.	Mazad Shaheriar Zaveri	ASIC Implementation of High Performance Radix-8 CORDIC Algorithm	SEP	2018
19.	Nishant Doshi	A Novel Approach for Biometric Based Remote User Authentication Scheme using Smart Card	SEP	2018
20.	Nishant Doshi	Analysis of Attribute-Based Secure Data Sharing with Hidden Policies in Smart Grid of IoT	SEP	2018
21.	Rakesh Vasant Chaudhari	Effect of Dry and Wet Machining on Surface Roughness and Tool Tip Temperature in Turning Inconel 718	SEP	2018
22.	Samir B. Patel	Analysis of Denoising Techniques for Speckle Noise Removal in Synthetic Aperture Radar Images	SEP	2018
23.	Satish Chandra Pandey	A Qualitative Study of Work Stress and Employees' Expectations of Stress Management Interventions in Context of Indian Oil & Gas Industry Professionals	SEP	2018
24.	Anilkumar Trikammbhai Markana	EKF baEKF based dynamic state estimation of SMIB system integrated with STATCOMsed dynamic state estimation of SMIB system integrated with STATCOM	OCT	2018
25.	Avirup Maulik	Small Signal Stability Constrained Optimal Dispatch of Islanded AC Microgrid	OCT	2018
26.	Avirup Maulik	Multi-objective optimal dispatch of AC-DC Hybrid Microgrid	OCT	2018
27.	Debasis Sarkar	Integrated Project Delivery: A Review of Literature	OCT	2018
28.	Debasis Sarkar	Appllication of Cloud Computing & Internet of Things for Infrastructure Projects	OCT	2018
29.	Jitendra G. Jamnani	EKF Based Dynamic State Estimation of SMIB System Integrated with STATCOM	OCT	2018
30.	Nirav D. Karelia	Smart Substation Technologies for future development in recent era	OCT	2018
31.	Nishant Doshi	Analysis of Fuzzy Based Provably Secure Multi-Server Authentication Remote User Authentication Scheme	OCT	2018
32.	Sukanta Kumar Dash	Post-combustion CO ₂ Absorption into Potential aqueous Blended Amines: Thermodynamic study, Kinetics and Thermo-physical Properties	OCT	2018
33.	V S K V Harish	Peer to peer electricity exchange among rural households	OCT	2018
34.	Indrajit Mukhopadhyay	Photoactive Lead Oxide Thin Film by Spray Pyrolysis	NOV	2018
35.	Indrajit Mukhopadhyay	Spray Pyrolysed Cu ₂ SnS ₃ Thin Films for Photovoltaic Application	NOV	2018
36.	Manoj Sahni	On Generalized Fuzzy Jensen-Exponential Divergence and Its Application to Pattern Recognition	NOV	2018

37.	Mehul Shirishchandra Raval	Person Retrieval in Surveillance Video using Height, Color and Gender	NOV	2018
38.	Tejaskumar Thaker	Effect on Fundamental Time Period for Various RC Structures in with and Without the Influence of Masonry Infills	NOV	2018
39.	Tejaskumar Thaker	Estimation of Liquefaction Hazard for Surat Urban Territory, South Gujarat, India Using Geophysical and Geotechnical Investigation	NOV	2018
40.	Tejaskumar Thaker	Review of Seismic Hazard Analysis in the Context of Upcoming Smart Cities in India	NOV	2018
41.	Tejaskumar Thaker	Seismic Hazard for Vadodara Region, Gujarat, India: A Sustainable Solution for Infrastructure Development	NOV	2018
42.	Anantha Singh T S	Effect of Settling Time on the Treatment of Domestic Grey Water Using Mango Seeds as Coagulant	DEC	2018
43.	Ashish B Joshi	Contemporary Issues and their impact on Global Currencies	DEC	2018
44.	Ashish B Joshi	Business Model Innovation in Consumable Water Supply Sector - An empirical investigation of sustainable business model development	DEC	2018
45.	Janardhan Vistapalli	Biped Robot Vertical Jumping with Control Constraints	DEC	2018
46.	Kiran Bhaskar Mysore	Tool Condition Monitoring using Vision System	DEC	2018
47.	Madhavan Natarajan	Potential of Bhuj Sandstone as an adsorbent for treating oilfield wastewater	DEC	2018
48.	Manan Rajiv Shah	ASMITAS: A Case Study for Source Switching to Increase Coverage of Safer Drinking Water Access	DEC	2018
49.	Niragi Kalpesh Dave	Strength and Durability performance of sustainable and green concrete composites containing different levels of SCMs	DEC	2018
50.	Rajesh Shriramsa Gujar	Impact on Transportation Due to Metro Link Express for Gandhinagar and Ahmedabad (MEGA)	DEC	2018
51.	Satyam Mahendrarao Shinde	Sensing behavior of a graphene quantum dot phenalenyl towards toxic gases	DEC	2018
52.	Sivakumar P	Biodiesel Production from Tannery Waste using a Nano Catalyst (FerricManganese Doped Sulphated Zirconia)	DEC	2018
53.	Sivakumar P	Evolution of Biofuels through Valorisation of Algal Biomass: A Complete Review	DEC	2018
54.	Sivakumar P	Production of Biodiesel from High FFA Feedstock Using Acid Catalyst Derived from Palm Fruit Bunch	DEC	2018

55.	Sivakumar P	Sustainable Drilling Operations by Utilizing Waste Biomass as a Lost Circulation Additive	DEC	2018
56.	Sivakumar P	Numerical modelling on in-situ bio-remediation of petroleum hydrocarbon contaminated groundwater aquifer by microbial flooding	DEC	2018
57.	Sivakumar P	Kinetic and Thermodynamic Studies on the Extraction of Bioactive Compounds from Turmeric	DEC	2018
58.	Sivakumar P	Studies on Production of Biodiesel from Madhuca indica Oil using Catalyst Derived from Cotton Stalk	DEC	2018
59.	V S K V Harish	Peer to peer electricity exchange within solar based DC microgrids	DEC	2018
60.	Brajesh Kumar Jha	Fractional Reaction Diffusion Model for Parkinson's Disease	JAN	2019
61.	Brajesh Kumar Jha	Calcium Signaling and Finite Element Technique	JAN	2019
62.	Brajesh Kumar Jha	A Fractional Mathematical Model to Study the Effect of Buffer on Calcium Distribution in Parkinson's Disease	JAN	2019
63.	Brajesh Kumar Jha	Computational Modelling of Calcium Buffering in a Star Shaped Astrocyte	JAN	2019
64.	Dhruvesh P Patel	Ground water quality indexing using weight overlay analysis- A case of Mehsana District, Gujarat	JAN	2019
65.	Kiran Bhaskar Mysore	Non-Contact Surface Roughness Assessment using Machine	JAN	2019
66.	Kiran Bhaskar Mysore	Timed Petrinet For Modeling And Scheduling Of Flexible Manufacturing System By Genetic Algorithm	JAN	2019
67.	Manish Shivshankar Chaturvedi	Advanced urban public transportation system for Indian scenarios	JAN	2019
68.	Mohendra Roy	A Stacked Autoencoder Neural Network based Automated Feature Extraction Method for Anomaly detection in On-line Condition Monitoring	JAN	2019
69.	Mohendra Roy	ADEPOS: Anomaly Detection based Power Saving for Predictive Maintenance using Edge Computing	JAN	2019
70.	Vishal Ashok Wankhede	Industry 4.0 - An Indian Study	JAN	2019
71.	Amit V. Sant	ANN Based Fundamental Current Extraction Scheme for Single Phase Shunt Active Filtering	FEB	2019
72.	Amit V. Sant	Standalone Microgrid with Five Level Diode Clamped Inverter Based Hybrid Generation System	FEB	2019
73.	Amit V. Sant	Gain Scheduling Algorithm for Standalone PV applications	FEB	2019

74.	Anilkumar Trikambhai Markana	Sizing and Placement of Single Distribution Generator in Radial Distribution Network: An Analytical Study	FEB	2019
75.	Anilkumar Trikambhai Markana	Setpoint tracking control using modified Higher Order Sliding Mode Control: Application to robotic manipulator	FEB	2019
76.	Anilkumar Trikambhai Markana	Standalone microgrid with five-level diode clamped inverter based hybrid generation system	FEB	2019
77.	Anirbid B Sircar	Performance Evaluation of Ground Source Heat Pump in Coastal Climate	FEB	2019
78.	Anirbid B Sircar	Integrated Direct and Indirect Uses of Geothermal Reserves-A Case Study of Gandhar Oilfield, Gujarat, India	FEB	2019
79.	Bhasuru Abhinaya Srinivas	Analysis of selecting suitable General Circulation Models for wind energy via uncertainty and model reliability factor at Indian offshore locations	FEB	2019
80.	Brijesh Tripathi	Optimum working temperature of the supercapacitor in a hybrid energy storage system for electric vehicle application	FEB	2019
81.	Garlapati Nagababu	Wind farm layout optimization using Teaching learning based optimization technique considering power and cost	FEB	2019
82.	Garlapati Nagababu	Analysis of selecting suitable General Circulation Models for wind energy via uncertainty and model reliability factor at Indian offshore locations	FEB	2019
83.	Garlapati Nagababu	Influence of Techno-Economic Factors on the Levelized Cost of Electricity (LCOE) of Wind and Solar Power Projects in India	FEB	2019
84.	Garlapati Nagababu	Numerical study on performance improvements of small scale wind turbine	FEB	2019
85.	Garlapati Nagababu	Evaluation of meteorological and reanalysis wind data for the offshore wind resource assessment	FEB	2019
86.	Garlapati Nagababu	Wind and Wave energy resource assessment along shallow water region of Indian coast	FEB	2019
87.	Garlapati Nagababu	Estimation of uncertainty in offshore wind energy production using Monte-Carlo approach	FEB	2019
88.	Jaydeep Patel	Wind farm layout optimization using Teaching learning based optimization technique considering power and cost	FEB	2019
89.	Jaydeep Patel	Estimation of uncertainty in offshore wind energy production	FEB	2019
90.	Lubhani Mishra	Visualization of heatlines for natural convection in non-Newtonian fluids	FEB	2019

91.	Manan Rajiv Shah	Identifying Casing While Drilling (CwD) Potential in Geothermal Scenario Along with Economics	FEB	2019
92.	Manish Kumar	Critical Accident Scenario Analysis of Pressurized Water Reactor	FEB	2019
93.	Manish Kumar	Sea Water Desalination Using Waste Heat of Nuclear Power Plant	FEB	2019
94.	Manish Kumar	Review on Radiographic Imaging Modalities for Non-destructive Testing and Evaluation (NDT & E)	FEB	2019
95.	Meera Karamta	EKF based dynamic state estimation of SMIB system integrated with STATCOM	FEB	2019
96.	Pravin V Kodgire	Comparative analysis of mechanical stirring and process intensification techniques for biodiesel production using waste cotton-seed cooking oil	FEB	2019
97.	Pravin V Kodgire	Biodiesel Production from Castor Seeds (<i>Ricinus communis</i>) oil using Hydrodynamic Cavitation	FEB	2019
98.	Pravin V Kodgire	Experimental Investigation on In-Situ Biodiesel Production using Hybrid Intensification and CI Engine Testing	FEB	2019
99.	Pravin V Kodgire	Energy and Exergy Analysis of 82 MWe Cogeneration Thermal Power Plant	FEB	2019
100.	Sanjay Kumar Pradhan	Green Entrepreneurship and Solar Energy in India: Progress, Prospect and Challenges	FEB	2019
101.	Surendra Singh Kachhwaha	Estimation of uncertainty in offshore wind energy production	FEB	2019
102.	Surendra Singh Kachhwaha	Evaluation of meteorological and reanalysis wind data for the offshore wind resource assessment	FEB	2019
103.	Surendra Singh Kachhwaha	Analysis of selecting suitable General Circulation Models for wind energy via uncertainty and model reliability factor at Indian offshore locations	FEB	2019
104.	Surendra Singh Kachhwaha	Experimental Investigation on In-Situ Biodiesel Production using Hybrid Intensification and CI Engine Testing	FEB	2019
105.	Surendra Singh Kachhwaha	Influence of Techno-Economic Factors on the Levelized Cost of Electricity (LCOE) of Wind and Solar Power Projects in India	FEB	2019
106.	Surendra Singh Kachhwaha	Wind and Wave energy resource assessment along shallow water region of Indian coast	FEB	2019
107.	Surendra Singh Kachhwaha	Analysis of selecting suitable General Circulation Models for wind energy via uncertainty and model reliability factor at Indian offshore locations,	FEB	2019
108.	Surendra Singh Kachhwaha	Experimental Investigation on In-Situ Biodiesel Production using Hybrid Intensification and CI Engine Testing	FEB	2019

109.	Surendra Singh Kachhwaha	Energy and Exergy Analysis of 82 MWe Cogeneration Thermal Power Plant,	FEB	2019
110.	Surendra Singh Kachhwaha	Biodiesel Production from Castor Seeds (<i>Ricinus communis</i>) oil using Hydrodynamic Cavitation	FEB	2019
111.	Surendra Singh Kachhwaha	Numerical study on performance improvements of small scale wind turbine	FEB	2019
112.	Surendra Singh Kachhwaha	Performance study of a solar assisted vapour compression-absorption cascaded refrigeration system,	FEB	2019
113.	Surendra Singh Kachhwaha	Comparative analysis of mechanical stirring and process intensification techniques for biodiesel production using waste cotton-seed cooking oil	FEB	2019
114.	Surendra Singh Kachhwaha	Analysis of selecting suitable General, Thermal modeling of a closed high pressure feedwater heater design with dry wall safety margin	FEB	2019
115.	Tejas Niranjana Dave	Consumer Acquaintance and Perception About Mobile Wallets in Indian Urban Consumer Markets	FEB	2019
116.	Vipin S. Shukla	Sea Water Desalination Using Waste Heat of Nuclear Power Plant	FEB	2019
117.	Vipin S. Shukla	Design and Implementation of BLDC Motor Controller For Energy Efficient Fan	FEB	2019
118.	Ashutosh Muduli	A Grounded Theory exploration of the enablers of negotiation in medical tourism: The question of enhancing partnership roles of major stakeholders	MAR	2019
119.	Debasis Sarkar	6D Energy Efficient Metro Rail Station Design Using BIM:A Review of Literature	MAR	2019
120.	Ganga Prasad Pandey	Compact Microstrip Antenna Design using Machine Learning for IoT Application	MAR	2019
121.	Pravin V Kodgire	Experimental investigation of in-situ biodiesel production from Castor seeds (<i>Ricinus Communis</i>) using combination of microwave and ultrasound irradiation	MAR	2019
122.	Sitakanta Mishra	Revision of India's Nuclear Doctrine: Repercussions on South Asian Crisis Stability	MAR	2019
123.	Surendra Singh Kachhwaha	Experimental investigation of in-situ biodiesel production from Castor seeds (<i>Ricinus Communis</i>) using combination of microwave and ultrasound irradiation	MAR	2019
124.	Tejaskumar Thaker	Improvement of soil properties through microbial induce calcite precipitation by Fungal treatment	MAR	2019
125.	Tejaskumar Thaker	Examination of Present Subsurface Investigation Data for Valuation of Liquefaction Potential for Ahmadabad City by means of SPT-N Value	MAR	2019

126.	Manas Bhoi	Effect of Different Shape of Footing on its Load-Settlement Behavior (Circular, Square and Rectangular)	APR	2019
127.	Manas Bhoi	Experimental study of Load settlement Behavior of Ring Footings on Granular Soil for Different Internal Diameter Maintaining the Contact Surface Area Same	APR	2019
128.	Manas Bhoi	Study of Bearing Capacity and Settlement Behavior of Solid Circular and Hollow Circular Footings on Granular Soil Using Plate Load Test	APR	2019
129.	Abhijit D Ray	Theoretical Analysis of a Solar PV-Wind Hybrid Power System for Energy Generation in Kutch Region	APR	2019
130.	Anilkumar Trikambhai Markana	Prioritized Control of Multivariate Process using Lexicographic Ordering Approach: A Simulation Study	APR	2019
131.	Anilkumar Trikambhai Markana	Optimal Sizing and Placement of Multiple Distributed Generators using Teaching Learning Based Optimization Algorithm in Radial Distributed Network	APR	2019
132.	Kiran Bhaskar Mysore	Direct Tool Wear Monitoring using Vision System	APR	2019
133.	Vipin S. Shukla	Coordination of Directional Overcurrent Relays for Distribution System using Particle Swarm Optimization	APR	2019
134.	Anirbid B Sircar	Activation Kinetic Study on Esterification of Palm Fatty Acid Distillate Using Heterogeneous Catalyst Derived from Peanut Shell	MAY	2019
135.	Anirbid B Sircar	Groundwater hot-springs analysis of Bakreshwar and Tantaloi geothermal fields for its industrial application.	MAY	2019
136.	Anirbid B Sircar	Sono-Chemical Biodiesel Production from Beef Processing Industrial Sludge in the Presence of nano-KF-Al ₂ O ₃	MAY	2019
137.	Mohendra Roy	Live Demonstration: Autoencoder-Based Predictive Maintenance for IoT	MAY	2019
138.	Rajesh Patel	Theoretical And Experimental Study on the Influence of Thermo-Electric Cooling Dehumidifier On Humidification-Dehumidification Water Desalination System	MAY	2019
139.	Rohit Srivastava	Study of Monsoonal Features Using Regional Climate Model over Heterogeneous Monsoon Dominated Region	JUN	2019
140.	Santosh Kumar Bharti	VM Selection using DVFS Technique to Minimize Energy Consumption in Cloud System	JUN	2019

Papers presented in Conferences, Seminars, Workshops, Symposia

Sr. No.	Faculty	Title	Month	Year
1.	Amrita Chakraborty	Uncovering the Twitter Priority of Digital India Initiative over a Period of One Year from November 21, 2016 to November 20, 2017	JUL	2018
2.	Ashvin R Dave	Determinants of Public Sector Banks' Profitability - Evidences from India	JUL	2018
3.	Biranchi Narayan Sahoo	Effect of In-situ reinforcement on the hot compressive deformation behavior of TiC-TiB ₂ +AZ91 magnesium matrix composite on the base of processing map	JUL	2018
4.	Chandra Shekhar Nishad	A Boundary Integral Equation (BIE) Method for modeling flow through non-deformable porous medium using Brinkman Equation in terms of non-primitive variables	JUL	2018
5.	Naimish Sanatkumar Bhatt	Hybrid Approach for Ranking of Factors Affecting Indian Precast Industry Using SWOT and AHP	JUL	2018
6.	Akash B Patel	Basel III: Cost-Benefit Analysis for Indian Banks	AUG	2018
7.	Bhasha Harshal Vachharajani	Microsoft excel-2013 - Advanced level	AUG	2018
8.	Indrajit Mukhopadhyay	Skill Development and Need of Human Resource for Decentralized Solar PV Implementation in India	AUG	2018
9.	Narayan C. Baser	Interactive Impact Of Demographic Variable And Personality Type On Risk Tolerance	AUG	2018
10.	Poonam Prakash Mishra	Attended	AUG	2018
11.	Rajesh Shriramsa Gujar	Development of Red Light Violation Detection System For Heterogeneous Traffic	AUG	2018
12.	Rajib Bandyopadhyay	Solvent Free Oxidation of Toluene over Copper Impregnated MCM-22	AUG	2018
13.	S. Venkata Krishnan	Transparency in Higher Education: A Study about availability of faculty academic contribution	AUG	2018
14.	Somdeb Lahiri	Impossibility theorems for Menu Dependent Preference Functionals	AUG	2018
15.	Bhawanisingh G Desai	Trace fossils and Ichnofabric analysis in Early-Middle Miocene Inglis Formation: Insights from Ichnology of forearc basin, Andaman Subduction zone, Andaman and Nicobar island	SEP	2018
16.	Bhawanisingh G Desai	Ichnoassemblage and Tiering in Cretaceous Giumal Formation, Spiti Himalaya, Implications for understanding colonization of turbidite sequence in deep Sea	SEP	2018

17.	Indrajit Mukhopadhyay	2) Electrochemistry in the preparation of nano-structures and analysis of interfacial properties	SEP	2018
18.	Indrajit Mukhopadhyay	Smart Cities: Transportation and Urban Planning	SEP	2018
19.	Jitendra G. Jamnani	Coordination of SVC and TCSC for Management of Power Flow by Particle Swarm Optimization	SEP	2018
20.	Ritu Sharma	Cognitive Behaviour Model in Work Settings (Rising Burden of Psycho-Social Distress: Need for Trans-disciplinary CBT Interventions - (Invited Symposium Speaker)	SEP	2018
21.	Manoj Sahni	Generalized Trapezoidal Intuitionistic Fuzzy Number for Finding Radial Displacement of a Solid Disk	OCT	2018
22.	Meera Karamta	EKF based dynamic state estimation of SMIB system integrated with STATCOM	OCT	2018
23.	Nirav D. Karelia	Smart substation technology for future development in recent era	OCT	2018
24.	Rajib Bandyopadhyay	Porous Catalytic Materials for Biodiesel Production	OCT	2018
25.	Simran Jeet Singh	Static Analysis of Functionally Graded Plate Using Nonlinear Classical Plate Theory with Von-Karman Strains: A complex solution analysis	OCT	2018
26.	Sukanta Kumar Dash	CO2 capture and utilization pathways: techno-feasibility, research need and Market potential	OCT	2018
27.	Sukanta Kumar Dash	Post-combustion CO2 Absorption into Potential aqueous Blended Amines: Thermodynamic study, Kinetics and Thermo-physical Properties	OCT	2018
28.	Surendra Singh Kachhwaha	Performance evaluation of various wave energy converters along the western side of Indian EEZ	OCT	2018
29.	Uttam Kumar Bhui	Biomarker Signatures of Eocene Oils from Cambay Basin Using Two-Dimensional Gas Chromatography Coupled to Time of Flight Mass Spectrometry. Conference	OCT	2018
30.	Anirbid B Sircar	Modelling of wait and weight well control method for dual string drilling: a novelty approach for safer deep water drilling	NOV	2018
31.	Ashutosh Muduli	Social Media and Recruitment: The Role of Credibility and Satisfaction	NOV	2018
32.	Ashutosh Muduli	Changing Perceptions of HRD in India	NOV	2018
33.	Kumar Srivastava Anurag	Smart Urban Mobility and Public Transportation: A perspective on India	NOV	2018
34.	Kumar Srivastava Anurag	Promotion of Transparency in Public Service Delivery Through Aadhaar	NOV	2018
35.	Leena Santosh	Application of consensus algorithm for power dispatch in autonomous microgrid	NOV	2018

36.	Manoj Kumar Sahoo	Integral Education with Societal Extension: Blueprint for Empowering Future Generation with Holistic Multi-Dimensional Human Development and Social Leadership	NOV	2018
37.	Niragi Kalpesh Dave	Effect of GGBS and Nano Silica on the Mechanical Properties of Ternary Concrete	NOV	2018
38.	Nirav P Patel	The analytical study of Stress Concentration Factor in an Infinite Plate at various Temperatures	NOV	2018
39.	Rajib Bandyopadhyay	SN Bose: An Underrated Genius	NOV	2018
40.	Ritu Sharma	Impact of Stress on Contemporary Women-A Way Out (Invited Speaker)	NOV	2018
41.	Rohit Srivastava	Role of outgoing longwave radiation on cloud fraction over India	NOV	2018
42.	Ronak Omprakash Motiani	Seismic vulnerability and risk assessment methods for urban areas: A review of Ahmedabad city.	NOV	2018
43.	Sanjay Kumar Pradhan	US Shale and Middle East Energy: Foreign Policy Pursuits and Geopolitical Dynamics	NOV	2018
44.	Swapnil Dharaskar	Zeolitic Imidazolate framework 8 nanoparticle for fluoride removal	NOV	2018
45.	Swapnil Dharaskar	Zeolitic Imidazolate framework 8 nanoparticle for fluoride removal	NOV	2018
46.	Swapnil Dharaskar	Trihexyl(Tetradecyl)Phosphonium Bis (Trifluoromethylsulfonyl)Amide As Promising Extractant For Sulfur Removal From Liquid Fuels	NOV	2018
47.	Urmi Satyan Dave	Exploring Rajasthani FolklorA Comprehensive Study of Traditional BraveryRole of Cultural History in Formation of Society	NOV	2018
48.	Uttam Kumar Bhui	Coal in Hydrogen Plasma: Observations and implications	NOV	2018
49.	Uttam Kumar Bhui	Molecular insight of Coal: a spectroscopic approach	NOV	2018
50.	Uttam Kumar Bhui	Optical Characteristics of Petroleum Crudes-Surfactants-Brine Solutions: Molecular Level Insights for Designing Injection Fluids for Enhanced Oil Recovery (EOR)	NOV	2018
51.	Uttam Kumar Bhui	Designing Saline Water for Enhanced Oil Recovery from Clay (Montmorillonite) Bearing Hydrocarbon Reservoirs: an Experimental Approach for Understanding Molecular Level Interaction Mechanism	NOV	2018
52.	Uttam Kumar Bhui	Maturity Assessment of Cambay Shale Formation for hydrocarbon prospect: a molecular structure approach with Optical Spectroscopy study	NOV	2018

53.	Venkat Ram Reddy Minampati	Reinvigorating Urban Local Bodies- Study of Atal Mission for Rejuvenation and Urban Transformation	NOV	2018
54.	Anirban Dey	Investigation of equilibrium CO ₂ solubility in aqueous 1-(2-aminoethyl)piperazine (AEP) and its blend with Monoethanolamine(MEA) , N-methyldiethanolamine(MDEA) and 2-Amino-2-methyl-1-propanol (AMP)	DEC	2018
55.	Anurag Mudgal	Feasibility and parametric study of a thermal-energy driven Reverse Osmosis system for Water Treatment in India	DEC	2018
56.	Ashish B Joshi	Business Model Innovation in Consumable Water Supply Sector	DEC	2018
57.	Ashish B Joshi	Contemporary Issues and Their Impact on Selected Global Currencies	DEC	2018
58.	Ashish Prabhudas Unnarkat	Synthesis and Characterization of Structured Carbon Supports Derived from Metal Organic Frameworks	DEC	2018
59.	Ashutosh Muduli	Trends and emerging issues in Learning agility research	DEC	2018
60.	Balasubramanian Ragunathan	Biodiesel Production from Tannery Waste using a Nano Catalyst (Ferric-Manganese Doped Sulphated Zirconia)	DEC	2018
61.	Bharti Saini Verma	Wastewater Treatment Containing Oil Using Polyvinylidene Fluoride (PVDF) Ultrafiltration Membrane Modified with Functionalized SiO ₂ Nanoparticles	DEC	2018
62.	Bhasha Harshal Vachharajani	Assessment of 1-day and 3-days SCATSAT-1L4 Products for Studying Different Sea-ice Zones in the Antarctic	DEC	2018
63.	Bhasha Harshal Vachharajani	Mathematical Sciences	DEC	2018
64.	Bhasha Harshal Vachharajani	Half day training	DEC	2018
65.	Bhasha Harshal Vachharajani	An Operational Method for Discriminating Sea Ice and Water in the Antarctic Using Satsat-1 Level-4 Data	DEC	2018
66.	Bhawanisingh G Desai	The significance of Trace fossils for understanding Evolution of the bet zone during Holocene in great rann of Kachchh, India.	DEC	2018
67.	Bhawanisingh G Desai	Kimmeridgian-Lowermost Tithonian Belemnites from Kachchh and Jaisalmer basins, Western India: Diversity and biogeography.	DEC	2018
68.	Bhawanisingh G Desai	Enumerating the effect of bioturbation Induced heterogeneity on Petrophysical Properties of Clastic rocks using Routine Core analysis (RCA) and Special Core Analysis (SCAL) techniques	DEC	2018
69.	Bhawanisingh G Desai	Mesozoic delta sedimentation Vis-à-vis Ichnology of Kachchh basin, Western India	DEC	2018

70.	Bhawanisingh G Desai	Training prospect in the Kachchh basin for understanding the petroleum System.	DEC	2018
71.	Bhawanisingh G Desai	Mid-Holocene Sea level changes along the gulf of Kachchh and its implication towards Human Civilization.	DEC	2018
72.	Bhawanisingh G Desai	New data on belemnites from the Ukra Hill Member (Lower Cretaceous of Kachchh)	DEC	2018
73.	Bhawanisingh G Desai	Correlation of the depositional conditions of the Ypresian layer of Kutch and Northern Tunisia based on Planktonic foraminifera and Biozonation.	DEC	2018
74.	Bhawanisingh G Desai	Ichnology and Sedimentology of Early Cretaceous wave-dominated, river-influenced Guneri member (Bhuj Formation), Kachchh basin, Western India.	DEC	2018
75.	Chaitanya Vyas	Evaluating state tourism websites using Search Engine Optimization tools	DEC	2018
76.	Garlapati Nagababu	A comparative analysis of LiDAR and wind mast measured wind data with the reanalysis datasets for an offshore location of Gujarat	DEC	2018
77.	Hari Ganesh	Numerical modelling on In-situ bio-remediation of petroleum hydrocarbon contaminated ground water aquifer by microbial flooding	DEC	2018
78.	Hari Ganesh	Sustainable Drilling operation by utilizing waste biomass as a lost circulation additive	DEC	2018
79.	Hari Ganesh	Evolution of Biofuels through Valorisation of alge biomass: A complete Review	DEC	2018
80.	Harmik D Vaishnav	Gandhi's Nai Talim and Liberal Studies: A Comparative Study of the Two Models of Education	DEC	2018
81.	Harmik D Vaishnav	The Mahatma of Communication	DEC	2018
82.	Indrajit Mukhopadhyay	Electrochemical Synthesis of Nano-Structured Si for Energy Storage	DEC	2018
83.	Jwngsar Brahma	Mathematical modeling and simulation for one dimensional - two-phase flow in petroleum reservoir: a Matlab algorithm approach	DEC	2018
84.	Jwngsar Brahma	Pre-Drill Pore Pressure Prediction Using Density and Seismic Data by Integrated Approach: A New Technique	DEC	2018
85.	Lubhani Mishra	Motion of a sphere in a tapered tube	DEC	2018
86.	Manish Kumar Sinha	Wastewater Treatment Containing Oil Using Polyvinylidene Fluoride (PVDF) Ultrafiltration Membrane Modified With Functionalized SiO ₂ Nanoparticles	DEC	2018
87.	Manoj Sahni	Analysis of Orthotropic Variable Thickness Rotating Disc	DEC	2018

88.	Md. Sharifuddin Ansari	Unsteady Casson fluid flow in a porous medium with inclined magnetic field in the presence of nanoparticles	DEC	2018
89.	Nausheen Nizami Nizami	Impact of Automation on Employment in Information Technology Industry in India: What the Fourth Industrial Revolution Implies for the Workers?	DEC	2018
90.	Niragi Kalpesh Dave	Strength and Durability performance of sustainable and green concrete composites containing different levels of SCMs	DEC	2018
91.	Nirav P Patel	Optimization and Stress Analysis of Orthotropic Plate Containing Square Hole Subjected to In-Plane Loading.	DEC	2018
92.	Niyati Chirag Trivedi	Transgressing the Conventions/Rooted in Conventions: Dynamic Construction of the Gendered Identity as Narrated in the Autobiography of Durga Khote	DEC	2018
93.	Poonam Prakash Mishra	Optimizing Ship route in Antarctic Sea Ice region by multi - objective evolutionary Algorithms	DEC	2018
94.	Poonam Prakash Mishra	Modelling and optimizing ship routes in sea ice areas	DEC	2018
95.	Praghmesh Bhatt	Electric Field Analysis of Transformer oil based Nanofluid	DEC	2018
96.	Praghmesh Bhatt	A Novel Approach to Mitigate SSR with Modified Turbine Design Using MR Fluid	DEC	2018
97.	Ravi Kant	Active flow control of convectively unstable flows	DEC	2018
98.	Satish Chandra Pandey	Boundaryless Career, Career Development and National HRD Challenges	DEC	2018
99.	Sivasankar P	Sustainable drilling operations by utilizing waste biomass as a lost circulation additive	DEC	2018
100.	Sivasankar P	Numerical modelling of in-situ bioremediation of petroleum hydrocarbon contaminated groundwater aquifer by microbial flooding	DEC	2018
101.	Sukanta Kumar Dash	Investigation of equilibrium CO ₂ solubility in aqueous 1-(2-aminoethyl)piperazine (AEP) and its blend with Monoethanolamine(MEA) , N-methyldiethanolamine(MDEA) and 2-Amino-2-methyl-1-propanol (AMP)	DEC	2018
102.	Surendra Sasi kumar Jampa	Synthesis and Characterization of Structured Carbon Supports Derived from Metal Organic Frameworks	DEC	2018
103.	Suvarna Trivedi	Effect of Dopants on Activity of NiCo ₂ O ₄ Catalyst for Abatement of CO-CH ₄ Emissions from CNG Vehicles.	DEC	2018
104.	Swapnil Dharaskar	Trihexyl(Tetradecyl)Phosphonium Bis (Trifluoromethylsulfonyl)Amide As Promising Extractant For Sulfur Removal From Liquid Fuels	DEC	2018

105.	Swapnil Dharaskar	Phosphonium Based Ionic Liquids as Promising Green Solvent for Sulfur Extraction from Liquid Fuels	DEC	2018
106.	Sweta Chetananand Balchandani	Reaction Kinetics of CO ₂ absorption of ionic liquid (HEF) blended amine systems	DEC	2018
107.	Urmi Satyan Dave	Whatsapp Greetings – Liabilities and Responsibility _ A Psychological Analysis	DEC	2018
108.	Uttam Kumar Bhui	Designing injection fluid during surfactant flooding: an experimental study based on optical characterization of crude oil–aqueous surfactant solution	DEC	2018
109.	Uttam Kumar Bhui	Interaction study between crude oils and saline surfactant solutions: Understanding role of co-surfactants for enhanced oil recovery during surfactant flooding	DEC	2018
110.	Uttam Kumar Bhui	Optimization of Enhance Oil Recovery methods using anionic surfactant: Study on Cambay Basin Crude Oils	DEC	2018
111.	Uttam Kumar Bhui	A Molecular Structure Approach for Evaluating Thermal Maturity during Hydrocarbon generation: a study on Jhuran Shale of Kachchh Basin, India	DEC	2018
112.	Uttam Kumar Bhui	Training Prospect for understanding of the Hydrocarbon System in the Kuchchh Basin	DEC	2018
113.	Vishvesh Jayantbhai Badheka	Characterization of Dissimilar Weld Joints Of Stainless Steel to Copper using Inconel Transition by Orbital TIG Technique	DEC	2018
114.	Vishvesh Jayantbhai Badheka	Effect of Welding Parameters on Microstructures and Properties of Wear Plates	DEC	2018
115.	Vishvesh Jayantbhai Badheka	Comparisons on the Relation of Fillet Size with Various Weld Modes in MIG Welding	DEC	2018
116.	Vishvesh Jayantbhai Badheka	Autogenous TIG welding of copper	DEC	2018
117.	Vishvesh Jayantbhai Badheka	Preliminary Investigations on Friction Welding of Dissimilar Al-SS Joints for Pipe to Pipe Configuration	DEC	2018
118.	Annie Rachel Royson	“Kristapurana: Vangmay Prakaar, Bhashantar Va Puranaparampara” (Kristapurana: Genre, Translation and the Purana Tradition)	JAN	2019
119.	Brajesh Kumar Jha	Calcium Signalling and Finite Element Technique	JAN	2019
120.	Indrajit Mukhopadhyay	Delegate	JAN	2019
121.	Nausheen Nizami Nizami	Need for Preventive Health Care in Knowledge Industries: A Case Study on Information Technology Employees in India	JAN	2019
122.	Neeta Sinha	Stress among higher secondary students: An empirical research	JAN	2019

123.	S. Venkata Krishnan	North East India's Border – A Geographical Study	JAN	2019
124.	Sitakanta Mishra	India's Nuclear Energy Program Growth Strategy & Mechanisms to Ensure Safety-Security	JAN	2019
125.	Tejas Nirnanjan Dave	Association between affordable housing properties in Indian metro city and Maslow's need hierarchy theory	JAN	2019
126.	Vinay Vakharia	Ball Bearing Fault Diagnosis Using Mutual Information and Walsh Hadamard Transform	JAN	2019
127.	Amit V. Sant	Design of Grid Tied Microgrid For Pandit Deendayal Petroleum University	FEB	2019
128.	Amit V. Sant	Numerical Study On Performance Improvements of Small Scale Wind Turbine	FEB	2019
129.	Anirban Dey	Optimization of various process parameters on the % CO ₂ removal of Post combustion CO ₂ capture unit using aqueous single and blended amine solvent	FEB	2019
130.	Anirban Dey	Effect of various key process parameters on the reboiler heat duty of CO ₂ capture unit	FEB	2019
131.	Anirbid B Sircar	City gas Network Simulation using Numerical Technique	FEB	2019
132.	Anirbid B Sircar	City Gas Network Simulation using Numerical Technique	FEB	2019
133.	Ashvin R Dave	Empirical Study of Profitability Determinants of Information Technology and Tele communication Sector in India	FEB	2019
134.	Bharti Saini Verma	Improvement in hydrophilicity and performance of polymeric ultrafiltration membrane for removal of natural organic material from water	FEB	2019
135.	Bhawanisingh G Desai	Petrophysical Characterization of Jhuran Formation, Kachchh Basin	FEB	2019
136.	Bhinal Bakulbhai Mehta	FRT Effect on 800kW Grid Tied Wind Energy Conversion System	FEB	2019
137.	Indrajit Mukhopadhyay	Graphene protected Si nano spheres(Interconnected) for developing high energy density Li ion battery	FEB	2019
138.	Jaydeep Patel	Estimation of uncertainty in offshore wind energy production	FEB	2019
139.	Kaushal Kishore	The Road to Adoption of E-Vehicles and Sustainability Issues of Petroleum Retail Outlets in India: A Perspective	FEB	2019
140.	Kaushal Kishore	A study on the Importance and Development of SMEs Clusters in India through Cluster Brand Management Policies & Practices	FEB	2019

141.	Manan Rajiv Shah	Groundwater hot-springs analysis of Bakreshwar and Tantaloi geothermal fields for its industrial application.	FEB	2019
142.	Manan Rajiv Shah	Valorization of waste biomass by co-gasification: A comprehensive review	FEB	2019
143.	Manish Kumar Sinha	Improvement in hydrophilicity and performance of polymeric ultrafiltration membrane for removal of natural organic material from water	FEB	2019
144.	Manoj Kumar Pandey	Understanding charge dynamics for polymer:non-fullerene blend	FEB	2019
145.	Maunish Sanjaybhai Shah	THAI-CAPRI Technology for Heavy Crudes	FEB	2019
146.	Narayan C. Baser	Technical Session Chair in Finance	FEB	2019
147.	Neeta Sinha	Does Marital Bliss lower the care giving burden	FEB	2019
148.	Neeta Sinha	Does the satisfaction level of employees in different department vary – An analysis of oil companies	FEB	2019
149.	Praghmesh Bhatt	Voltage Control of Wind and Diesel Based Distributed Generating System Using PSO and CSA	FEB	2019
150.	Praghmesh Bhatt	Thermal Stress Analysis of Transformer oil based nanofluid	FEB	2019
151.	Praghmesh Bhatt	Optimal Utilization of Reactive Power Capability of Renewable Energy Based Distributed Generation for Improved Performance of Distribution Network	FEB	2019
152.	Rahul Vitthal Deharkar	Design Challenges in Vertical Tube Evaporator to Reduce Maintenance for Small Scale Multi-Effect Desalination	FEB	2019
153.	Rajesh Patel	Challenges in Multiphase simulation of condensation of vapor in presence of non-condensable gases in compact heat exchangers	FEB	2019
154.	Rajesh Patel	A theoretical study on the Influence of thermo-electric cooling module on the performance of water distillation system	FEB	2019
155.	Rajesh Shriramsa Gujar	Framework Development of Sustainable Village with Smart Concept	FEB	2019
156.	Rohit Srivastava	Automated River Cleaning Machine for surface waste removal	FEB	2019
157.	Rohit Srivastava	Study of monsoonal features using climate model or heterogeneous monsoon dominated region	FEB	2019
158.	S. Venkata Krishnan	Africa – Pakistan Relations	FEB	2019
159.	Sanjay Kumar Pradhan	Green Entrepreneurship and Golar Energy in India: Progress, Prospect and Challenges	FEB	2019
160.	Sanjay Kumar Pradhan	China's Trade and Investment in Africa: What Implications it has for India	FEB	2019

161.	Siddharth Sanjaykumar Joshi	Gain Scheduling Algorithm for Standalone PV Applications	FEB	2019
162.	Siddharth Sanjaykumar Joshi	Modeling & Simulation Analysis of 800KW Hawt	FEB	2019
163.	Siddharth Sanjaykumar Joshi	FRT effect on 800kW Grid Tied Wind Energy Conversion System	FEB	2019
164.	Siddharth Sanjaykumar Joshi	Comparative Study of Prediction Methods for Hybrid Solar and Wind system	FEB	2019
165.	Sitakanta Mishra	Geopolitics of Missiles & Missile Defence in Indo-Pacific	FEB	2019
166.	Sitakanta Mishra	India's Approach to Nuclear Security Domestic Efforts, Multilateral Initiatives, and Prospective Collaborations	FEB	2019
167.	Sivakumar P	Activation Kinetic Study on Esterification of Palm Fatty Acid Distillate Using Heterogeneous Catalyst Derived from Peanut Shell	FEB	2019
168.	Sivakumar P	Sono-Chemical Biodiesel Production from Beef Processing Industrial Sludge in the Presence of nano-KF-Al ₂ O ₃	FEB	2019
169.	Sukanta Kumar Dash, PhD, FIE	Optimization of various process parameters on the % CO ₂ removal of Post combustion CO ₂ capture unit using aqueous single and blended amine solvent	FEB	2019
170.	Sukanta Kumar Dash, PhD, FIE	Effect of various Key Process parameters on the Reboiler heat duty of CO ₂ capture unit using single and blended amine system	FEB	2019
171.	Swapnil Dharaskar	Impact of Ultrasound on Desulfurization of Fuel Using Oxidative Desulfurization Process: A Review	FEB	2019
172.	Swapnil Dharaskar	Reaction kinetics of CO ₂ absorption of ionic liquid (HEF) blended amine systems	FEB	2019
173.	Swapnil Dharaskar	Estimation of temperature dependent binary interaction parameters of unloaded solvents for CO ₂ capture using Redlich-Kister Equation, Grunberg-Nissan Model and Artificial Neural Network	FEB	2019
174.	Swapnil Dharaskar	Phosphonium based Ionic Liquid as a Novel Material for Ultrasound Assisted Oxidative Desulfurization Process	FEB	2019
175.	Swapnil Dharaskar	Removal of heavy metals using low cost adsorbent from ground water	FEB	2019
176.	Sweta Chetananand Balchandani	Effect of various key process parameters on the Reboiler heat duty of CO ₂ capture unit using single and blended amine system	FEB	2019
177.	Sweta Chetananand Balchandani	Optimization of various process parameters on the % CO ₂ , Removal of Post Combustion CO ₂ capture unit using aqueous single and blended amine solvent	FEB	2019

178.	Sweta Chetananand Balchandani	Estimation of Temperature dependent binary interaction parameters of unloaded solvents for CO ₂ capture	FEB	2019
179.	Tejas Nirnanjan Dave	Consumer Acquaintance and Perception About Mobile Wallets in Indian Urban Consumer Markets	FEB	2019
180.	Urmi Satyan Dave	Sociolinguistic Study in the Select Diaspora Novels	FEB	2019
181.	Vima Mali	Optimum working temperature of the supercapacitor in a hybrid energy storage system for electric vehicle application	FEB	2019
182.	Vivek Jayantkumar Pandya	Voltage Control of Wind and Diesel Based Distributed Generating System Using PSO and CSA	FEB	2019
183.	Vivek Jayantkumar Pandya	FRT effect on 800kW Grid Tied Wind Energy Conversion System	FEB	2019
184.	Vivek Jayantkumar Pandya	Gain Scheduling Algorithm for Standalone PV Applications	FEB	2019
185.	Vivek K. Patel	Effect of Initial PH And Applied Current Density On Removal Efficiency of Cod of Coking Wastewater From Gasifier Plants	FEB	2019
186.	Vivek K. Patel	Thermodynamic Optimization of Stirling Heat Engine With Methane Gas Using Finite Speed Thermodynamic Model	FEB	2019
187.	Vivek K. Patel	Thermodynamic Optimization of Ejector Refrigeration System	FEB	2019
188.	Vivek K. Patel	Thermal-Hydraulic Optimization of a Nanofluid Based Microchannel Heat Sink	FEB	2019
189.	Abhijit D Ray	Controlling stringent formation of spray pyrolysed semiconducting Cu ₂ SnS ₃ phase over metallic Cu ₃ SnS ₄ for thin film solar cells	MAR	2019
190.	Anirban Das	Hydrogeochemistry of Mahi River, India	MAR	2019
191.	Ashutosh Muduli	Behavior Based Safety- Assessing Human Factors and Influencing Behavior : A Review	MAR	2019
192.	Bhasha Harshal Vachharajani	One day workshop on Moodle	MAR	2019
193.	Indrajit Mukhopadhyay	Photoelectrochemical study electrochemically synthesized CdTe thin films using ionic liquid	MAR	2019
194.	Lalit Kumar Khurana	Solar Energy Start-ups: Some issues and Challenges	MAR	2019
195.	Manish Kumar	Gamma Radiation Application Centre (GRACE)	MAR	2019
196.	Md. Sharifuddin Ansari	Unsteady non-Newtonian nanofluid flow in a non-Darcian porous medium with inclined magnetic field effect	MAR	2019
197.	Narayan C. Baser	Technical Session Chair in Finance	MAR	2019

198.	Nausheen Nizami Nizami	Need for Labour regulations for knowledge workers: The case of India's IT and Analytics industry	MAR	2019
199.	Niragi Kalpesh Dave	Correlation between compressive strength using schmidt rebound hammer testing method and universal testing method	MAR	2019
200.	Niragi Kalpesh Dave	Mechanical characteristics of hardened concrete with the usage of CEPT sludge as replacement of cement	MAR	2019
201.	Niragi Kalpesh Dave	Physical Properties of Ternary Binders: Addition Cementitious Materials and Mixing	MAR	2019
202.	Pankaj Sahlot	Effect of actual thermo-physical properties on heat transfer and materials flow for dissimilar materials – Al 6061-T6 and AZ31	MAR	2019
203.	Pankaj Sahlot	Wear mechanism for H13 steel tool during friction stir welding of CuCrZr alloy	MAR	2019
204.	Pankaj Sahlot	Numerical model to estimate tool wear and worn-out pin shape during friction stir welding of CuCrZr alloy	MAR	2019
205.	Pankaj Sahlot	Microstructural and mechanical properties of friction stir welding of dissimilar lap joint of metallurgically immiscible CuCrZr and SS 316L	MAR	2019
206.	Pradeep Kumar Mallik	Siddis: In India and of India, too? Identity of African Diaspora in Western Indian State of Gujarat	MAR	2019
207.	Prahlad Kumar Baruah	Elucidation of Surface Plasmon Resonance, Size and Structure of Cu@Cu ₂ O and Ag@Ag ₂ O Nanoparticles Synthesized by Pulsed Laser Ablation in Liquid, Dynamics of the Process and Applications	MAR	2019
208.	Pravin V Kodgire	Experimental investigation of in-situ biodiesel production from Castor seeds (Ricinus Communis) using combination of microwave and ultrasound irradiation	MAR	2019
209.	Pravin V Kodgire	Biodiesel Production: Feed stocks and Techniques	MAR	2019
210.	Ritu Sharma	Gender Stereotypes in Mental Health(Invited Speaker)	MAR	2019
211.	S. Venkata Krishnan	China-EU Quasi-Interregionalism: Lessons for India	MAR	2019
212.	Sanjay Kumar Pradhan	India-North Africa & Horn of Africa Energy Cooperation: Potential and Prospects	MAR	2019
213.	Shobhit Nigam	Performance Evaluation of Mobile-Shelf based Order Pick System	MAR	2019
214.	Surendra Singh Kachhwaha	Biodiesel Production: Feedstock and Techniques	MAR	2019
215.	Urmi Satyan Dave	Depiction of the Intercontinental Migration and the In-Between World of Diaspora: A Study of	MAR	2019

		MG Vassanji's Novel The In-Between World of Vikram Lall		
216.	Manas Kumar Bhoi	Study of soil profile on the basis of soil strength using dynamic cone penetration test.	APR	2019
217.	Brajesh Kumar Jha	Calcium diffusion in Alzheimeric cell using finite element estimation	APR	2019
218.	Garlapati Nagababu	Wind turbine blade prototyping	APR	2019
219.	Niragi Kalpesh Dave	Effect of GGBS and Nano silica on durability properties of concrete	APR	2019
220.	Praghresh Bhatt	Coordination of Directional Overcurrent Relays for Distribution System using Particle Swarm Optimization	APR	2019
221.	Praghresh Bhatt	Optimal Sizing and Placement of Multiple Distributed Generators using Teaching Learning Based Optimization Algorithm in Radial Distributed Network	APR	2019
222.	Sitakanta Mishra	Recent Developments in Non-proliferation & Disarmament An Indian Perspective	APR	2019
223.	Somdeb Lahiri	The No-spoiler condition for group and multi-criteria choice correspondences	APR	2019
224.	Vishal Ashok Wankhede	A qualitative fuzzy logic study based on identification of key barriers in lean implementation	APR	2019
225.	Debasis Sarkar	Application of Genetic Algorithm for Dispatching Schedule Optimization of RMC Transit Mixer: A Review of Literature	MAY	2019

FACULTY RECOGNITION

School of Petroleum Management

- Sudhir Yadav
 - i) Editorial Board membership for International Journal i.e. (Journal of International Management Studies - ISSN: 1930-6105; E-ISSN: 2378-9557)
 - ii) Received an Invite as resource person for FDP for CBSE Teachers at Kuwait and Abu Dhabi.
- Dr. Tanushri Banerjee awarded 4th Venus International Women Awards - VIWA 2019, selected as 'DISTINGUISHED WOMAN IN MANAGEMENT' (Major Area of Study – Decision Science) in February 2019.
- Dr. Pramod Paliwal
 - i) Invited on the International Jury to adjudge Energy Branding Awards, constituted by Charge Energy Branding, Reykjavik- Iceland. (October 2018)
 - ii) Nominated as Member-Governing Council of Faculty of Management and Faculty of Social Sciences & Humanities at Ganpat University, Mehsana-Gujarat (June 2018 onwards)

School of Petroleum Technology

- Dr. Rohit Srivastava got funding Rs. 31 Lakh from Science & Engineering Research Board (SERB). New Delhi Government of India in collaboration between PDPU India, University of Malaya Malaysia and Ho Chi Minh City University of Technology, Vietnam.
- Dr. Uttam K. Bhui was selected as Main Co-ordinator for Symposium (No 29.7) entitled “Coal: Characterization, Beneficiation and Utilization” for 36th International Geological Congress to be held in New Delhi, India on 2-8th March’ 2020.

School of Technology

- Dr. S. Dharaskar, Invited as an External Expert at for PhD review at VVP Rajkot, GTU, Ahmednabad on 9th September 2019.
- Dr. S. Dharaskar chaired the technical session for 12th International Engineering Research Conference (EURECA2019) at Taylor’s University, Malaysia between 3rd and 4th July 2019.
- Dr. S. Dharaskar chaired the technical session and worked as organizing committee member for ICTEA 2019 between 23rd-26th February 2019 organized by PDPU and Ryerson University, Canada.
- Dr. S. Dharaskar was invited on editorial board member of “Journal of chemical research and application” and Chemical Separation Technology in 2018.
- Dr. S. Dharaskar and Dr. Ashish Unnarkat invited as session chair in National Conference organized by SPE student chapter, PDPU, Gandhinagar.
- Dr. S. Dharaskar appeared in interview to recognized as Impelled Expert in Hazardous waste area invited by Quality Council of India at National Accreditation Board for Education and Training (NABET) New Delhi.

- Dr. S. Dharaskar received research grant award under Indo Finland Mobility Research Scheme, jointly with DST, India and Academy of Finland.
- Dr. Sukanta K. Dash was invited as a guest speaker by IIT Kanpur on 17th July 2019 to deliver two expert lectures on Carbon Capture and Sequestration at two week GIAN Course by MHRD, NewDelhi.
- Dr. Sukanta K. Dash was invited as a guest speaker by NIT Rourkela on 15th July 2019 to deliver two expert lectures on Post combustion CO₂ capture at one week short term programme on Carbon Capture and Storage at NIT Rourkela.
- Dr. Sukanta Kumar Dash chaired the technical session in HETCAT 2018, National Seminar on “Frontiers in Heterogeneous Catalysis” organized by Reliance Industries, MS University and CSI at Vadodara on 8th December, 2018.
- Dr. Suverna Trivedi delivered an invited talk on "Application of Nano-Catalysts and its importance" organized by Applied Physics Department, Sardar VallabhBhai National Institute of Technology, Surat 16th–17thFebruary2019.
- Dr. Suverna Trivedi chaired a technical session on "International Conference on Recent Trends in Nanomaterials for Clean Energy" at SVNIT Surat, on 16th February 2019
- Dr. Suverna Trivedi became an editorial board member of “Journal of chemical research and application” in July 2018
- Dr. Lubhani Mishra chaired the technical session for 12th International Engineering Research Conference (EURECA) at Taylor’s University, Malaysia between 3rd and 4th July 2019.
- Dr. Lubhani Mishra chaired the technical session during 71st Annual Session of the Indian Institute of Chemical Engineers (Chemcon2018) at NIT Jalandhar, India on 29th December 2018.
- Dr Pravin Kodgire worked as an organizing committee member for the two day conference and exhibition on "Application of Nuclear Energy in Food Agriculture, water, industry, and sewage treatment' organized by PDPU, Gandhinagar and Department of Atomic Energy, Government of India in March 2019
- Dr. Pravin Kodgire along with his co-workers was awarded the Best Paper Award in Biofuel and IC Engine theme at ICTEA 2019 between 23rd-26th February 2019 at PDPU, Gandhinagar.
- Dr.Pravin Kodgire was invited as an External Expert at Research Week held at GTU, Ahmednabad on 20th February 2019.
- Dr. Pravin Kodgire and Dr.S.K Dash presided over as a session chair in the ICTEA 2019 organized by PDPU and Ryerson University, Toronto, Canada during 23rd-26th February 2019.
- Dr. Ashish Unnarkat,Dr. Manish K. Sinha and Dr. S .Sasikumar co-chaired the technical session at ICTEA 2019 between 23rd-26th February 2019 at PDPU,Gandhinagar.
- Dr. Manish Kumar Sinha is appointed as Schedule one auditor for Gujarat Pollution Control Board for year 2019-20.
- Dr. Manish Kumar Sinha is appointed as DPC member for GTU PhD student.
- Dr.Lubhani Mishra chaired the technical session during 71st Annual Session of the Indian Institute of Chemical Engineers (Chemcon2018) at NIT Jalandhar, India on 29th December 2018.
- Ms. Sweta Balchandani was awarded the “Best oral Presentation” at International Conference on Advances and Challenges for Sustainable Ecosystems (ICACSE2018) at NIT, Tiruchirappalli between 6th-8th December 2018.

- Dr. B. Rajasekhar Reddy was awarded the “Institute Research Award - 2019” in recognition of the exemplary research work done during Ph.D. at IIT Madras.
- Dr. Anurag Kandya chaired the session on Urban Climate and Mitigation or ganized dur ing Eur opean International Conference on Transforming Urban System (EICTUS-2019) which was jointly organized by École Régionale des A vocats du Grand Est (ERAGE), France and Université de Strasbourg France held at Université de Strasbourg France during 28-30 June, 2019.
- Dr. H R Dhananjaya was invited as reviewer of the research papers of 7th Nirma University International Conference in Engineering in September 2019.
- Dr. H R Dhananjaya delivered an expert talk on “ Introduction to Alternate Finite Element Method and its applications to Kirchhoff theory based plate bending problems “, in One week Short Term Training Program on Mathematical Modeling and Simulation, at PDPU during 03-07 June, 2019.
- Dr. H R Dhananjaya Delivered Three Expert lectures on Alternate Finite Element Method in Six day Short Term Training Program(STTP) on “Finite Element Method and Applications in Civil Engineering” held during June 4 - 9, 2018 at the Charotar University of Science and Technology (CHARUSAT), Gujarat.
- Dr. Dhruvesh Patel was appointed as Research Advisor committee (RAC) member at Sankalchand Patel University at Sankalchand Patel University, Visnagar.
- Dr. Dhruvesh Patel was appointed as Doctoral Progress Committee (DPC) member at GTU.
- Dr. Tejas Thaker was invited to Chair the Technical Session at 2nd International Conference on Smart Engineering: Smart Construction, organized jointly by Wroclaw University of Science and Technology, Poland and Parul University, Vadodara during 24-25th May, 2019.
- Dr. Tejas Thaker is appointed as Reviewer of “International Journal of Earthquake Engineering” by Springers publications, Netherland.
- Dr. Tejas Thaker is appointed as Reviewer of International Journal “Geotechnical and Geological Journal” by Springers publications, Netherland.
- Dr. Tejas Thaker and Dr. Manas Bhoi are nominated as Executive Committee Member for Indian Geotechnical Society, Ahmedabad Chapter.
- Dr. Tejas Thaker was invited to Chaired the session in "International Symposium on Disaster Resilience and Sustainable Development" on 7-8 March, 2019 at Asian Institute of Technology, Thailand.
- Dr. Rajesh Gujar was invited as Judge at an institutional event i.e. KAIZEN 2K19 organized by L D College of Engineering Ahmedabad on 11th April 2019. This Open house showcased the industry and user defined Projects by Under-graduate and Post-graduate students of 2019 batch of Civil Engineering Department.
- Dr. Manas Bhoi was panel member of a evaluation committee organised by GTU(Gujarat Technological University, Chandkheda , Ahmedabad) to assess the Research Proposal Presentation of PhD students on 7th March 2019.
- Dr. Dayashankar Kaul was invited as Technical Member of ‘International Conference on Renewable Energy and Climate Change, 2019 (REC 2019)’.
- Dr. Anantha Singh as part of the Scheduled I auditor entrusted by Gujarat Pollution Control Board, Gujarat, to audit 6 industries across Ahmedabad on Environmental Management System.

- Dr. Anantha Singh appointed as Member of the CETP screening committee under the chairmanship of Industries Commissioner, IC office, Large Incentive Branch, Udhyog Bhavan, Gandhinagar.
- Dr. Anantha Singh received “Early Career Research Award” for the project titled “Integrated electro- oxidation, electro-reduction and electro-coagulation process for the degradation of Ammoniacal nitrogen in the presence and absence of carbon based pollutants” from SERB. Sanctioned amount is INR 33,00,000/- (including overhead) for 3 years.
- Dr. Samir Patel was elected as a Chairman for CSI Ahmedabad Chapter since 1st April 2019.
- Dr. Samir Patel was invited as Guest Speaker at Indus University for the workshop on Programming with Python on 8-9th April 2019.
- Dr. Samir Patel was selected as a BOS member at Indrasheel University 4th May 2018.
- Dr. SantoshKumar Bharti was invited as a guest speaker in 5-day workshop at NIT Shrinagar from 27-31st May 2019.
- Dr. Nishant Doshi was invited as track chair position of the “Cyber Security & Privacy” track of INDICON 2019 Since May 2019.
- Dr. Ganga Prasad Pandey, recognised as Chair, IEEE-MTT society since April 2019.
- Dr.M.B.Kiran was a session chair in 6th International Conference on Production and Industrial Engineering (CPIE-2019) at Dr B R Ambedkar National Institute of Technology Jalandhar, Jalandhar, India, June 8-10, 2019
- Dr. Abhishek Kumar was Session co-chair and Committee member of 12th International conference on Thermal Engineering: Theory and application (ICTEA) at PDPU (23-26, Feb. 2019)
- Dr. D M Parikh was Chair one of the technical session in the National Conference on Quality Management in November 2018.
- Poonam Mishra was invited to deliver expert lecture during the event of One week STTP on "Mathematical modelling and simulation", 3rd-7th June, 2019 at PDPU
- Under BRNS projects of Prof Vishvesh Badheka and Dr Kush Mehta, welding research lab received new welding machine- Hot Wire GTAW costing 13,00,000/-.
- Dr. Vinay Vakharia appointed as NTA representative for smooth conduction of NEET - MBBS/BDS examination during 3rd to 5th May 2019 by National Testing agency, MHRD, Government of India.
- Dr. Kush P. Mehta and Dr. Niravkumar P. Patel received an award for Young Engineer event 2018 of Indian Institute of Welding.
- Dr Jatin Patel and his team won second runner up in Poster presentation competition in REFCOLD India 2018 on 23rd November, 2018 at Mahatma Mandir, Gandhinagar.
- Dr. Balamurali Mayya was M.Tech Thesis Examiner at HBNI Mumbai 2019.
- Prof. Indrajit Mukhopadhyay is Editorial Board Member for Insight- Physics since August 2018.
- Prof. Manoj Sahni:
 - i) Elected as Technical Member of 8th International Conference on Engineering Mathematics and Physics (ICEMP) held at Ningbo, China held on June 28-30, 2019.
 - ii) Invited to deliver expert lecture at Adani Institute of Infrastructure Engineering (AIIE) on 25th May, 2019.
 - iii) Selected as external examiner at SVNIT Surat for PG students held on May 29, 2019.
 - iv) Selected as external examiner at IITE for conducting VIVA for PG students held on April 20, 2019.

- Brajesh Kumar Jha:
 - i) Invited to deliver expert lecture at SASL, VIT Bhopal on 22 – 23rd September, 2018.
 - ii) Invited to deliver expert lecture at M S University Baroda on 27th September, 2018.
 - iii) Served as reviewer for International Journal of Mathematical, Engineering and Management Sciences.
- Prof. Vishvesh Badheka
 - i) Member of the Technical Committee for the 8th Asia Pacific IIW International Congress, held in Bangkok, Thailand during March 20-22, 2019.
 - ii) Received International Recognition as Representative for Young Professionals volunteer (India) for International Institute of Welding (Nov 2018)
- Dr Anurag Mudgal: Keynote Speaker and Conference Chair for a session at International Conference on Recent Advances in Fluid and Thermal Science; 5th -7th December 2018 at BITS Dubai.

OFFICE OF RESEARCH AND SPONSORED PROGRAMS

The Office of Research and Sponsored Programs (ORSP) acts as a platform at the University for the Research & Development activities. It coordinates the specific procedures or techniques used to identify, select, process, and analyze information about a topic or project. This office supports the researchers to critically evaluate a study's overall validity and reliability in terms of investigation, Research and Development. It encourages and promotes the students of PDPU and guides them the research methodology and supports them with internally funded grants. It coordinates and harmonizes externally funded grants and suggests the research cum administrative information on grant compliance for the effective execution of research by faculties.

Role

It also acts as a nodal point to assist faculties to obtain and administer externally funded sponsored projects, research grants and contracts. It also administers Student Research Programs and supports students with the grant funded by the University. It provides assistance in the preparation and submission of proposals, management of grants and contracts for effective promulgation of Sponsoring agency/National/International terms of agreement, MoUs and Laws.

On behalf of University, ORSP formulates policies and procedures in relation to research and sponsored programs to be used as source of information and the procedures to be meticulously followed.

Functional Area (Macro Level)	Functional Area (Micro Level)
<ul style="list-style-type: none">▪ Research Coordination & Collaboration▪ Networking, Interfacing & Liaison▪ Student Platform (Primarily Undergraduate)▪ Incubation▪ Maintaining Research Records by faculties and Students▪ Strategic Action Plan to conduct research.▪ Providing administrative/policy supports to the existing Centre of Excellences and development/approval of new Centre of Excellences.	<ul style="list-style-type: none">▪ Research Management Support▪ Finance and Accounting Guidance & Support▪ Administrative, Technical & Legal Support▪ Patent Filing Support▪ International travel support for R&D activities (Non –financial)▪ Devising methodology to obtain qualitative research tools.

Recognition under 35(1)(ii) of Income Tax Act, SIRO recognition and Concessional GST rate

- The University is approved by the Government of India, Ministry of Finance, Department of Revenue (Central Board of Direct Taxes) as Scientific Research Institution for claiming exemption under section 35(1)(ii) of Income Tax Act on the donations/ grants received for scientific research activities done by its faculty members and students.

All the donors who will contribute for the purpose of Scientific Research Activities at PDPU will be eligible for a deduction of the amount equal to one and three-fourth times (175%) of

the donation/grant received in PDPU for undertaking Scientific Research under section 35(1) (ii) of Income Tax Act 1961 read with rule 5(C) & 5(E) of Income Tax Act 1962.

- ii) The University is also recognized as Scientific & Industrial Research Organization (SIRO) by Department of Scientific & Industrial Research, Ministry of Science & Technology, Government of India since 2011. On receiving this approval PDPU is entitled to avail the custom/ excise duty exemption on the import of equipment, instruments, spares, consumables etc.
- iii) The 23rd GST Council Meeting made an announcement for concessional GST rate of 5% for certain goods purchased for Scientific & Industrial Research Organization in exercise of the powers conferred by sub-section (1) of section 6 of the Integrated Goods and Services Tax Act, 2017 (13 of 2017) vide Department of Revenue, Ministry of finance, Government of India Notification No. 45/2017-Central Tax (Rate) and Notification No. 47/2017-Integrated Tax (Rate) dated 14th November 2017 published under subsection (i) of section (3) of Part II of Extraordinary Gazette of India.

RESEARCH PROJECTS

Ongoing Research Projects

Sr. No.	Principal Investigator	Project	Sponsored by	Duration	Total cost of Project (Rs.)
1.	Dr. Poonam Mishra	Sea Ice route optimization for safer ship navigation	Space Application Centre	02 Years	480000.00
2.	Dr. Indrajit Mukhopadhyay	Graphene protected Si Nano-spheres for developing high energy density Li ion battery	Department of Science & Technology	05 Years	4400000.00
3.	Dr. Anurag Kandya	Moving Towards Hygienized Organic Manure Using Gamma Radiation	Board of Research in Nuclear Sciences	03 Years	3095750.00
4.	Dr. Anirbid Sircar	Reservoir Modelling and Simulation of Camby Shale coupled with geo-mechanics and Hydro-fracturing	Oil Industry Development Board	02 Years	1500000.00
5.	Dr. Ritu Sharma	Recruitment discrimination against older workers in India: The case of accounting assistants	Edith Cowan University	01 Years	157125.00
6.	Dr. Rohit Srivastava - SOT	Study of heterogeneous precipitation pattern with the help of aerosol - cloud properties : Focus on western India and Arabian Sea	Science and Engineering Research Board	03 Years	2066600.00
7.	Dr. Rohit Srivastava - SPT	Development of Economically efficient favourable nanostructure as electrocatalysts for hydrogen production: A step towards energy applications.	Pandit Deendayal Petroleum University	02 Years	100000.00
8.	Dr. Anurag Mudgal	Low Cost Renewable Energy Driven Water Treatment Solution Centre	Department of Science & Technology	05 Years	53013286.00
9.	Dr. Ranjan Kumar Pati	Nanostructured Electrolyte Materials for Low Temperature Solid Oxide Fuel Cell (LT-SOFC)	Science and Engineering Research Board	03 Years	2994310.00
10.	Dr. Ashish Joshi	Employees Happiness and Well-being at workplace in MSMEs in Gujarat State	Indian Council of Social Science Research	01 Years	1050000.00
11.	Dr. Anurag Mudgal	bio-mimetic and phyto-techNologies DesIGNED for lowcost purification and recycling of water (India - H ₂ O)	Department of Bio-Technology + Department of Science & Technology	04 Years 05 Months	50727000.00

12.	Dr. Anurag Kandya	Urban Air Quality Assessment using Remote Sensing and GIS	Space Application Centre	02 Years	3200000.00
13.	Dr. Manoj Pandey(Co-PI)	Water Innovation Centre : Technology, Research & Education (WICTRE)	Department of Science & Technology	05 Years	4187600.00
14.	Dr. Bhawanisingh Desai	Global biodiversity, Evolution and Biogeographical Connections of Belemnites from the Southern and Northern Hemispheres around Early / Late Cretaceous Boundary	Department of Science & Technology	02 Years	1994400.00
15.	Dr Achinta Bera	Application of Ionic liquids as Alternatives for Surfactant for Enhanced Oil recovery	Pandit Deendayal Petroleum University	02 Years	100000.00
16.	Dr. Abhijit Ray	Development Of Novel Two Dimensional Materials and their Nano-Carbon Composites as Efficient Photo- And Electro-Catalysts for Hydrogen Generation from Water	Science and Engineering Research Board	03 Years	3798953.00
17.	Dr. Indrajit Mukhopadhyay	Mechanism of Phase Formation during Electrochemical Deposition of Si from Ionic Liquid Bath	Science and Engineering Research Board	03 Years	4930992.00
18.	Dr. Dhruvesh Patel	Flood Damage Assessment of Dhanera City of Banaskantha District Using Geo-Spatial Techniques and Hydrodynamic Flood Inundation Modeling	Indian Space Research Organization	03 Years	3759000.00
19.	Dr Kalisadhan Mukherjee	Towards the Development of facilities for Studying the (a) Volatile organic Sensing Characteristics of Chemiresistive samples and (b) defluorination performances of chemically modified ceramic adsorbents	Pandit Deendayal Petroleum University	02 Years	100000.00
20.	Dr. Anantha Singh	Integrated Electro-Oxidation and electrocoagulation process for the degradation of ammoniacal nitrogen in presence and absence of carbon based pollutants	Science and Engineering Research Board	03 Years	3155910.00
21.	Dr Pankaj Kumar Yadav	Mechanochemical Approach for Perovskite Solar Cells : A Way towards efficient Stable and low cost solar cells	Science and Engineering Research Board	03 Years	3663704.00
Total					148474630.00

Research Projects completed

Sr.	Principal Investigator	Project	Sponsored	Duration	Total cost of Project (Rs.)
1.	Dr. Narasimman Rajaram	Development of Three-Dimensional Graphene Framework – Nanostructured Semiconductor Composite for photocatalytic and Electrocatalytic applications	Science and Engineering Research Board	10 Months	712,601.00
2.	Dr. Kush Mehta (Project Guide) & Mr. Poojan Vora	Investigations on Dissimilar Joints Produced by Energy Efficient Friction Stir Welding	Institution of Engineers	01 Year 04 Months	19,679.00
3.	Dr. Ritu Sharma & Dr Neeta Khurana	Woman's Economic Empowerment in Asia : Psychosocial and Anthropological Factors (Gringart E)	Edith Cowan university	04 Years 04 Months	131981.00
4.	Dr. Akash Patel Dr. Narayan Baser Dr. Pramod Paliwal	Human Development Index for One of the District of Gujarat	Government of Gujarat	02 Years 10 Months	300000.00
Total					1164261.00

Ph. D. Completed:

Sr. No.	Name	Roll No.	Title of Thesis
1.	Parth Bhatt	13RSE002	Fabrication and characterization of perovskite based Solar Cells.
2.	Bhavesh K. Patel	13RME007	Thermo-Economic Analysis of an Organic Rankine Cycle Powered Cascaded Vapor Compression-Absorption Refrigeration System.
3.	Sandhya Sree Kumar	14Phd03	Public Service Delivery in Smart Cities: A Case Study of Water & Sanitation Services in Ahmedabad.
4.	Sahoo Saumyaranjan Nirranjan	20152005	Business Strategy & Operational Practices: Understanding their Linkages & impact on business Performance.
5.	Dipti Raval	20122001	Training Transfer: A Study of Life Insurance Companies in India.
6.	Raval Dhyey D.	13RSE05	Study of nanostructure metal-semiconductor (Titania) thin films for photovoltaic applications.
7.	R. Balasubramanian	15RPE001	Optimization and Kinetic Studies on Production of Biodiesel from Industrial Waste.
8.	Rakshith R. Shettigar	14RSC001	Formulations of High-Performance Eco-Friendly Drilling Fluids.

9.	Bhutiya Priyank Lilabhai	16RSC006	Extraction, characterization and application of cellulose from seaweeds.
10.	Jani Margi Mukeshbhai	13RSE03	Development of doped and solid solution sprayed ZnO thin films for possible buffer layers and TCOs.
11.	Meena Bilgi	11Phd03	Gender Budgeting and Public Policy: An Analysis in Gujarat (2007 to 2017).
12.	Shah Manan Rajiv	15RPE005	Geothermal Exploration and Exploitation: A Case study from Gujarat India.
13.	Patel Sneha Kanaiyalal	11Phd02	People, Processes and Place: An Analytical Study of Contemporary Indian English Campus Novels.
14.	Nakhat Preeti Jaysingh	15Phd06	Career conflict, value conflict & stress among higher secondary school students.
15.	Vaishali Sharma	15RPE004	Reservoir Characterization of Cambay Shale and Hydrofracture Modeling for Its Exploitation.
16.	Patel Khushbuben Gordhanbhai	13RSC004	Characterization and Application of Silica Extracted from Wheat Straw.
17.	Talati Ishaben Tarang	15RMA001	Formulation of Multi-echelon Supply Chain Inventory Models
18.	Daljeet Kaur Bunty Talreja	10Phd01	Economic feasibility of a Solar Photovoltaic Rooftop System: A Case Study of Gandhinagar, Gujarat
19.	Niyati Chirag Trivedi	10PhD02	At the Intersection: A Study of Select Indian Performing Artistes' Self-Narratives
20.	Neeta Avtar Khurana	15PhD03	Dynamics of Masculinity in India: A Study of Select Women's Self-Narratives
21.	Kanubhai Kalidas Parmar	15RCH001	Strategies for Performance Improvement in Thermal Cracking Process

INNOVATION AND INCUBATION CENTRE

PDPU Innovation & Incubation Centre (PDPU-IIC) is an incubator established by Pandit Deendayal Petroleum University (PDPU) in 2014 with an aim to transform the brimming energy and potential of young students, budding innovators, entrepreneurs and technocrats to innovation-driven business ventures leading to a technical renaissance.

PDPU-IIC is registered u/s 8 of Companies Act, 2013. It is recognized as **Nodal Institute by Govt. of Gujarat**. PDPU-IIC avails funding for its incubated start-ups under **Student Start-up and Innovation Policy (SSIP)** by Education Dept. of Govt. of Gujarat and **Assistance to Startup Innovation Scheme by Industries Commissionerate (IC)**. It is also recognized as “**Technology Business Incubator**” by the Department of Science and Technology, Government of India.

Achievements of PDPU IIC:

1. PDPU-IIC is recognized as the “**Incubation Centre of the Year with Prominent IP Culture**” by Intellectual Property Protection Organization (IPPO) in IP Fest for 3 years in a row in 2017, 2018 & 2019.
2. **Special Jury Recognition** awarded to PDPU and PDPU-IIC for creating an innovation ecosystem to promote creativity, Innovation, Dedication, and Commitment by Gujarat Innovation Society
3. PDPU has been awarded as the “**Best Performing Private University**” under the Private University category at the SSIP Annual International Conference on Student innovation, start-up and Ecosystem-2019 organized by the Education Department, Govt. of Gujarat.
4. Filed 34 IPR till date and 3 IPR in process
5. Total sales of 66 Crore by our incubated start-ups
6. 950+ incubation applications received till date



TRAINING

Sr. No	Program	No. of Nominated Officials	Dates
1	Faculty Development Program on 'Effective Academic Articulation'	30	5th, 6th & 7th June, 2018
2	Staff Development Program on 'Stress Management and Communication Effectiveness'	28	28th & 29th June, 2018
3	Faculty Development Program on 'Discover your True Self'	34	28th & 29th July, 2018
4	Training Program on 'Microsoft Excel : Advanced level'	32	4th & 5th August, 2018
5	Faculty Development Program on 'Personal Effectiveness & Leadership'	32	1st, 2nd & 3rd September, 2018
6	Training Program on 'Challenges of Safety Professionals'	5	5th, 6th & 7th September, 2018
7	Faculty Development Program on 'Teaching with Technology'	100	Multiple Sessions in September as well as November
8	Workshop on 'Work Smarter Together'	9	30th November & 1st December, 2019
9	Staff Development Program on 'Developing as a Dynamic Professional'	27	28th & 29th December, 2019
10	Intellectual Property Rights Workshop for Faculties	49	14th February, 2019
11	Programme on 'Managerial Leadership & Change Management'	3	12th to 16th March, 2019
12	User Awareness Session on Scopus	107	17th & 18th April, 2019
13	Training Program on 'Effective Business Writing Skills'	2	11th April, 2019
14	Staff Development Program on 'Team Building and Leadership'	28	27th & 28th June, 2019

EXPERTS' LECTURES

Sr. No.	Name	Designation & Organization	Topic	Date
1.	Mr. Subodh Kumar	Executive Director, IOCL	Renewable Energy Business in India	24/07/2018
2.	Dr. Jyotisman Dasgupta	TIFR	Raman Snapshots of Excitons and Polarons in Conjugated Polymers	06/08/2018
3.	Dr. Dinesh Kabra	IIT Bombay	Molecular Electronics: A sign of witnessing of carbon age!	06/08/2018
4.	Dr. Saurabh Soni	Sardar Patel University	Light Harvesting through Organic Electrolytes in Dye Solar Cell	06/08/2018
5.	Dr. Anurag Gupta (MIT)	MIT	flexible perovskite solar module	08/08/2018
6.	Mr. P Vinay Kumar	MD, Renewables Business of Brookfield Asset Management	Disruptions in Energy sector	10/08/2018
7.	Dr. Korra Sathya Babu	Assistant Professor, National Institute of Technology, Rourkela	"Data Privacy"	13/08/2018
8.	Mr. Malay Shah	Associate Partner, Ernst & Young	Digital Disruptions in the Industry	22/08/2018
9.	Mr. Jignesh Bhavsar	Director, Techcon Services	Recent Advancements in the field of Concrete technology	24/08/2018
10.	Mr. Mrugank Paranjape	MD & CEO, Multi Commodity Exchange	Derivatives Market	04/09/2018
11.	Mr. Bhavesh Rastogi	General Manager, Gulf Oil Lubricants India	Variety of Energy Storage options	09/09/2018
12.	Mr. Abhishek Pujara	Software Engineer from SKY 91T Craft	MongoDB	3/10/2018
13.	Mr. Abhishek Pujara	Software Engineer from SKY 91T Craft	Software engineering and web technology	4-5 October 2018
14.	Dr. Chaaruchandra Korde	Post Doc Fellow-Technical Director, Trinity College Dublin-Greenban Infra Tech Pvt. Ltd.	Sustainable Infrastructure: Bamboo Structure and Activated slag for precast Concrete'	08/10/2018
15.	Mr. Manish Thaker	Associate GM-HR, Adani Ports	How to Become Corporate Ready	24/10/2018
16.	Mr. Alok Jaiswal	Manager-Process,,IFFCO, Kalol	Fertilizer Technology	26/10/2018
17.	Dr. Nitin Padiyar	Assistant Professor,IIT Gandhinagar	Optimization :Engineering applications	10/11/2018
18.	Dr. R R Sonde	Executive Vice president,Thermax Ltd, Pune	Research technology and Innovation	15/11/2018
19.	Mr. Satyam Dave	Proprietor,Analytics Solution	GIS Technology and Career Prospective	19/11/2018

20.	Ms. Silky Agarwal	Founder, Geocarte Radar Technology Pvt Ltd.	Advance Survey and Geomatics	20/11/2018
21.	Dr. C V S Rao	Scientific Officer, IPR, Gandhinagar	Plasma Technology	20 November 2018 to December 2018
22.	Ms. Bruna	Intern	Basic Understanding of Revit	22/11/2018
23.	Mr. Yogesh Solunke, engineer, Jyoti Microsystems pvt limited, Ahmedabad	Engineer, Jyoti Microsystems pvt limited, Ahmedabad	Microstrip Filter Designing for Modern Systems	28/11/2018
24.	Mr. Dipak Chhantbar Sub Divisional Engineer from BSNL	Sub Divisional Engineer from BSNL	Working of Systems used by Telecom Service Providers	29/11/2018
25.	Mr. Shrehith Karkera and Mr. Bhanu Gurran	Co-Founder, Finception	Experience sharing of Building its own Start-up	07/12/2018
26.	Mr. Ravikant Tiwari	Co-founder, Operisoft Solutions	Application pf ENVI and Arc GIS software in Civil Engineering	07/12/2018
27.	Ms. Shubhangi Mane	Analyst Techniacal Support, ESRI India Technology Ltd	Application pf ENVI and Arc GIS software in Civil Engineering	07/12/2018
28.	Prof. Sibani K. Koul, Dr. Sibani K. Koul	(Fellow IEEE, Chairman, Astra Microwave Products Limited, Professor, Centre for Applied Research in Electronics, IIT Delhi)	RF and Microwave Education- Current and Future Trends	07/12/2018
29.	Mr. Ritesh Chavan	Co-Founder, The Money Roller	How Financial Market trader are consistent in making profitable decisions	08/12/2018
30.	Mr. Manish Shah	DGM, West Zone, Future Retail	Product segments of Future Retail - Operations & Supply Chain	19/12/2018
31.	Mr. Soubir Bhattacharya	Founder & CEO, Liberty Venture Ltd.	How Geo-political factors can affect the equity markets and how new hedge funds and derivatives markets can be used for stable returns	27/12/2018
32.	Dr. Rashmi Walvekar	Senior Lecturer, Taylors University, Malaysia	Research Advancement in NanoScience Technology	03/01/2019
33.	Ms. Shambhavi Sharma	Assistant VP-HR, Sterlite Tech Software	Importance of HR in Tech software companies	08/01/2019
34.	Dr. Parth Bhavsar	Research Professor, Rowan University	Intelligent Transport System	08/01/2019

35.	Mr. Rameshchandra Bhorania	Sr. Manager – FA Training, Mitsubishi Electric India	Recent Advances in Factory Automation	February 2019
36.	Mr. Dhruvesh M. Mehta	Assistant Manager, Technology Transformers & Rectifiers (India) Ltd., Ahmedabad	Design of Power and Distribution Transformers	February 2019
37.	Mr Rajesh Joshi	Owner and founder, JJPV Solar Ltd. Rajkot	Sky Surya Shakti Kishan Yojna – Net Metering	February 2019
38.	Dr. Chandan Chatterjee	Former Director, Center for Entrepreneurship Development (Govt. of Gujarat) & General Manager (Technical) Industrial Extension Bureau INDEXTb	Liberalization, Globalization and Privatization	February 2019
39.	Mr Himanshu Sagar	Chief Process Engineer, Mott Macdonald, Ahmedabad	Process Design and Instrumentation in Chemical Industries	05/02/2019
40.	BRIC-2019		Bridging Research and Industry Conclave	08/02/2019
41.	Mr. Dipankar Karmakar	AGM, Linde Engg. Baroda	Ethylene Technology – Linde Process	16/02/2019
42.	Dr. A K Sharma	Scientific Officer, BARC, Mumbai	Radiation and Radioisotope Applications	March 2019
43.	Dr. Rene Villalobos	Director of ASU site of the Industrial Assessment Center	“Research Opportunities in the planning of Supply Chains of Fresh Produce”	06/03/2019
44.	Mr. Tejas Joshi	DGM-Projects, Claris Life Sciences Limited	Project Management: A Holistic Approach”	26/03/2019
45.	Dr B.S Tomar	Professor, HBNI, Mumbai	Radiation and Radioisotope Applications	April 2019
46.	Dr. H J Pant	Scientific Officer, BARC, Mumbai	Radiation and Radioisotope Applications	April 2019
47.	Mr. Anurag Pandit	Head Engineering – HV GIS & Hybrid Switchgear, ABB India Ltd	AIS and GIS substations	05/04/2019
48.	Mr. Chintan Patel	HCP consultants	Technology for Construction Project	09/04/2019
49.	Mr. Vatsal Shah	Chief operating officer and R&D Lead Engineer - ARTEM Energy Future Pvt Ltd – Ahmedabad.	Braking operation of three-phase induction motors and Space Vector Modulation for Induction Motor	10/04/2019
50.	Dr. Ing Suryakant Gupta	Scientific Officer – G, Institute for Plasma Research	Spacecraft Plasma Interaction Facility for LEO & GEO environment	18/04/2019
51.	Sh. Susanta Kumar Padhy	Associate Vice president – Engineering, Head – Electrical Engineering Vertical Adani Infra (India) Ltd.	Grid Integration of Renewable Energy Systems in India	19/04/2019

52.	Mr. Mayan Shah	Process Control Consultant,Endurance Consultancy, Ahemdabad	Process control in Chemical Industries	26/04/2019
53.	Dr. Ajitkumar Parwani	Asst. Professor, IITRAM	Finite Volume Method in CFD	26/04/2019
54.	Mr. Vishwas Kelkar	Assistant Vice President,IL&FS Transportation Networks Ltd (ITNL)	Rehabilitation by In-situ Cold Recycling Technique (CRT)	29/04/2019
55.	Dr. Aprajita Mandal	SINP	On the designing and optimisation of Si based hetero-junction solar cells	02/05/2019
56.	Mr. Pratik Patel	MD BeLife Corporation	CFD analysis of Centrifugal Pump using ANSYS Fluent	02/05/2019
57.	Mr. Nitin Paranjape,Mr. Ketan and Mr. Dwijay	Design Engineers from Edutech Learning Solutions Pvt. Ltd.	Modern Digital Signal Processor Architectures and Recent trends in DSP based design	03/05/2019
58.	Ms. Silky Agarwal	Founder,Geocarte Radar Technology Pvt Ltd.	Ground Penetration and Radar	10/05/2019
59.	Ms. Ujas Pandya	Assistant Professor(Government Engineering College, Gandhinagar)	To Develop Flood Forecasting Approach of Ahmedabad City	25/05/2019
60.	Prof B P Mandal	Professor,IIT Guwahati	Greenhouse Gas Emissions Reduction Strategies towards Clean Energy	05/06/2019

STUDENTS' ACHIEVEMENTS

- 1st prize in the Business Standard Best B- School Project Award competition won by Nimesh Shah beating 173 participants (March 2019)
- 2nd Prize in International contest on “Analytics in the Energy Industry” organized by Global Consultancy firm Black Coffe Analytics, won by Jainam Shah (August 2018)
- Student Chapter Excellence Award from SPE, for the year 2018
- Final Year Chemical Engineering students showcased the membrane research project in International University Conclave 2019 to the Education Minister, Govt. of Gujarat.
- Mr. Manav Agarwal secured AIR –3 (Score: 77.34) in GATE 2019 (Chemical Engineering).
- Mr. Dhvanil Vaghani, Mr. Arpit Patel and Mr. Raj Pindoria (3rd year B. Tech.) were awarded 2nd prize in poster presentation at CHEMTECH Student Outreach Program’19.
- Mr. Dhwanil Vaghani, Ma. Arpit Patel, Mr. Raj Pindoria awarded with 1st rank in poster presentation at Nirma University 2019.
- Mr. Maharshi Joshi, Mr. Harsh Patel and Mr. Amit Vaghasia (final year students) secured excellent grade in GIAN course on “Advanced Computer Aided Modeling of Chemical and Biochemical Processes” 11-15th November 2018 organized by NIT Warangal.
- Ms. Saloni Solanki, B. Tech. Chemical Engineering (2nd year student) won the most coveted SOT-Best Speaker Award and Mr. Brian, B. Tech. Chemical Engineering (1st year student) won the 1st runners-up award held on 27th November 2018.
- Ms. Saloni Solanki won the 1st Runners up award at SOT GD competition (Clash of titans).
- Mr. Amit Vaghasia, final year student was selected for Gouri Dutta Award for the best paper presentation at Students’ Chemical Engineering Congress (SCHEMCON-2018) 26-27 October 2018 organized by Institute of Chemical Technology, Mumbai,.
- Mr. Amit Vaghasia selected for 4th and final phase of the economic times campus star. He is one of the 281 candidates who are just one step away from making it to the India’s most coveted list of India’s brightest engineering students.
- Mr. Dishant Khatri and Ms. Aneri Patel won the first consolation prize at Space Application center at the poster presentation Competition on 5th June 2019.
- Mr. Niraj Kathrani, Senior Research Fellow received an invitation from Tsinghua University, Beijing, China for participating in the two weeks ‘International Summer School – Environment’ organized by School of Environment Tsinghua.
- Mr. Vinay Khilwani, B. Tech. Computer Engineering student secured 136th rank in Techgig Code Gladiators 2019 event.
- Ms. Jahanvi Shah, B. Tech. Computer Engineering student secured 10th rank in Debate Championship event.
- Ms. Jahanvi Shah, B. Tech. Computer Engineering student was selected in top 10 students at the Workshop on IoT.
- Ms. Jahanvi Shah, B. Tech. Computer Engineering student secured 6th rank in the course on Creativity and Innovation.
- Mr. Vinay Khilwani, B. Tech. Computer engineering student secured 1st rank in 4*4 Rubik Cube competition.
- Mr. Apoorva Panchal, B. Tech. Computer Engineering student secured 11th rank in National Creativity Aptitude Test event.

- Mr. Kishan Srinivasan and Mr. Binit Patel, Final year students, won the first prize under sustainable category with our poster titled as “Development of BLDC motor controller for electric vehicle.
- “Development of BLDC motor controller for electric vehicle” a project by Mr. Kishan Srinivasan and Mr. Binit Patel, Final year students, won the first prize under sustainable category with our poster titled as “Development of BLDC motor controller for electric vehicle”.
- Research Conclave 2019 – IIT Guwahati (March 19), Mr. Shivank Vyas, final year, has been selected for the final round of Redstart: The Startup Challenge. Research Conclave provides a platform to nurture young minds towards research, innovation, and entrepreneurship.
- Ms. Kalgee Anand Kotak, B. Tech. ICT student secured 9th rank in NCAT event.
- Ms. Urvashi Vasita, B. Tech. ICT student secured 1st rank in Can-Satellite workshop7.
- Mr. Nandish Trivedi, B. Tech. ICT student secured 3rd position in the clash of Titans group discussion which was conducted at Debsoc flare event.
- Ms. Prayushi Faldu, B. Tech. ICT student received Best Presentation award for paper presentation at IEEE, 4th International Conference on Computer and Communication Systems.
- Mr. Anurag Singh, Mr. Soham Mehta & Mr. Yugal Kishor Mohata, (B.Tech. – Industrial Engineering students) reached final round in L& T Techgium competition held in April 2019. They work on project “Real time performance monitoring and prediction of remaining useful life of machines”. They were selected in top 150 teams from 1200 participated teams from all over India in first round and they competed with top 63 teams in final round.
- Mr. Anurag Singh, Mr. Soham Mehta & Mr. Yugal Kishor Mohata (B.Tech. – Industrial Engineering students) reached final round in “Gujarat Industrial Hackthon”. Final round. They developed “LSTM model for inventory management”.
- Team CZAR (M-BAJA team) won 1st rank in Virtual BAJA SAE INDIA 2018-19 at national level.
- Ms. Swati Srivastava received level 2 Non -Destructive Testing license (certificate) in - Liquid Penetrate Testing, Magnetic Particle Testing and Visual Testing.
- Mr. Shalin A. Patel won 3rd prize as cash prize of Rs 10,000/- in research article/case study writing competition organized by PDPU IIC.
- Krishna Bhuvra won 2nd place in IIT bombay (AAVHAN), 3rd place in BITS Goa (SPREE 2019) sports fests in basketball girls category.
- Poojan Vora got admission in University of Huston for Master of Science in Industrial Engineering with scholarship of 1000 USD (per year) and out-of-state tuition waiver.
- Sandip Patel has been admitted to Columbia University’s Fu Foundation School of Engineering and Applied Science as a candidate in the Mechanical Engineering Master of Science program
- Varalikaa Paul was awarded with Best Delegate - UNWTO Council at Bali Asia International Model United Nations.
- Palak Patel got 1st place in football girls - Justice League GNLU and 1st place football girls- Petrocup and was the captain in both competitions.
- Palak Patel a student from Mechanical Engineering and team won 1st place in Girls football GLS Tournament - Titanium Jural, in which she was the captain of the team.
- Mudra Chavda participated in Joint ICTP-IAEA 2019 School on Nuclear Security Trieste, Italy in April 2019.

- Tanvi Manaria attended Tropical Day Partitioning Meets on 25 October 2018 at Antwerp, Belgium.
- Arpit Naik and Mr. Karan Parmar have received offer from Larsen & Toubro Ltd. for carrying out one year Project.
- Aditya Chincholkar and Mr. Jeet Patel have received offer from IMT Atlantique, Nantes Campus, France for carrying out one year project.
- Chintan Patel (15BME076) got selected for integrated Ph. D. in Theoretical Physics at Tata Institute of Fundamental Research, Mumbai, and ICTS, a center of TIFR.
- Ph. D. student Mrs. Shailja Singh has presented a paper in Annual Goldschmidt Conference, Barcelona, Spain.
- Priyanka Marathe, Ph. D. Scholar, was awarded for Best Poster Presentation for the poster titled Anchored Copper Oxide Nanostructures on Ni-foam for Pseudocapacitive Energy Storage at National Symposium on Electrochemistry in Materials and Devices (NSEMD-2018) by ACS Publications.

PAPER PRESENTATIONS AT INTERNATIONAL/NATIONAL CONFERENCES BY STUDENTS

- Dhruvang Maheshwari presented a paper on “Demulsification of water-in-crude oil emulsion: An experimental approach for reduction of water content of the crude oil for refinery use” in Twelve International Conference on Thermal Engineering: Theory and Applications. February 23-26, 2019, held at PDPU.
- Rincy Anto presented a paper entitled “Designing injection fluid during surfactant flooding: an experimental study based on optical characterization of crude oil–aqueous surfactant solution” in International conference on “Indo-Canadian Multidisciplinary Research: Trends and Prospects.28-29 December’2018, IITRAM, Ahmedabad.
- Suryapratapsingh Bhadauria presented a paper on “Interaction study between crude oils and saline surfactant solutions: Understanding role of co-surfactants for enhanced oil recovery during surfactant flooding” in International conference on “Indo-Canadian Multidisciplinary Research: Trends and Prospects.28-29 December’2018, IITRAM, Ahmedabad.
- Dhruvang Maheshwari presented a paper on “Optimization of Enhance Oil Recovery methods using anionic surfactant: Study on Cambay Basin Crude Oils’ in International conference on “Indo-Canadian Multidisciplinary Research: Trends and Prospects.28-29 December’2018, IITRAM, Ahmedabad.
- Archchi Sarkar presented a paper entitled “Molecular insight of Coal: a spectroscopic approach” on the Conference on Macromolecular characterization of coal and hydrocarbon components for future, 19th Nov’ 2018 held at PDPU.
- Rincy Anto presented a paper entitled “Optical Characteristics of Petroleum Crudes-Surfactants-Brine Solutions: Molecular Level Insights for Designing Injection Fluids for Enhanced Oil Recovery (EOR)” on the Conference on Macromolecular characterization of coal and hydrocarbon components for future, 19th Nov’ 2018 held at PDPU.
- Saheli Sanyal –Ph. D. Scholar presented a paper entitled “Clay mineralogy and their textural attributes from different hydrocarbon reservoir rocks of Cambay basin for crude oil recovery” in . Geophysical Research Abstracts, Vol. 20, EGU2018-1185, 8-13 April’2018, EGU General Assembly 2018.
- Mr.Amit Vaghasia and Mr. Maaz Maniar, final year students, working under Dr.Manish K.Sinha, presented a paper and poster in Students’ Chemical Engineering Congress (SCHEMCON-2018) during 26-27, October 2018 organized by Institute of Chemical Technology, Mumbai.
- Mr.Harsh Patel , Ms.Krusha Patel, Mr.Maharshi Joshi and Mr. Dhwani Vaghani, working under Ms. Bharti Saini, presented a paper in Students’ Chemical Engineering Congress (SCHEMCON-2018) during 26-27, October 2018 organized by Institute of Chemical Technology, Mumbai,
- Mr. Jay Bhalala and Mr. Harsh Patel (M.Tech students) and Mr. Dhwani Vaghani, Mr, Nishant Gajjar, Mr. Raj Pindoria and Mr.Madhav Karia (pre-final year students) attended one week GIAN course on Computational Fluid Dynamic Modeling of Fluidized beds at NIT Warangal during 12th to 16th November 2018.
- Parwathi Pillai, Ph. D. scholar presented a paper in International Conference on Advances and Challenges for Sustainable Ecosystems (ICACSE 2018) during 6-8, December 2018 at NIT, Tiruchirappalli, India.

- Dhruv Ghodasara , M. Tech(IEM) Student presented his paper “Application of building Information Modelling in Facility Management: A case Study of a commercial project” at Conference Creative Construction 2019 organized by Diamond Congress KFT, Budapest, Hungary during 29th July-02nd August 2019.
- Dishant Khatri , Student of Environmental Engineering presented his paper “Evaluating the optimal blue cover for mitigating the urban heat island effect using ENVI-met Software” at conference EICTUS-2019 organized by Universite de Strasbourg , France during 26th-28th June 2019.
- Ashish Chaurasia, Student of Environmental Engineering presented a paper on “Near Road air pollution modelling using vehicular emissions and dispersion model & validation with insitu measurement” at conference EICTUS-2019 organized by Universite de Strasbourg , France during 26th-28th June 2019.
- Gloria James, Student of Environmental Engineering presented a paper on “A comparative study on energy recovery from tyre waste using plasma pyrolysis and plasma gasification process” at conference HERAKLION-2019 organized by National Technical University of Athens, Greece during 24th-30th June 2019.
- Neeraj Khatrani, Alumnus of M. Tech. (Environmental Engineering) Program of SOT, PDPU bagged the prestigious CSIR-SRF for a per iod of 3 year s for his research project Monitoring and Modelling the Ground W ater and its impact on salinity ingress and agricultural productivity with mitigation measures.
- Gargi Trivedi and Vivek Patel, “ Optimal sizing and placement of multiple distributed generators using teaching learning based optimization algorithm in radial distribution network”, 6th International conference on Control, Decision and Information Technologies (CoDIT 2019) held in Paris, France from 23-26 April 2019.
- Nitin Padhiyar and Kannan Moudgalya presented a paper on “Prioritized control of multivariate process using lexicographic ordering approach: A simulation study”, 6th international conference on Control, Decision and Information Technologies (CoDIT 2019) held in Paris, France from 23-26 April 2019
- D Vyas, P Bhatt and V Shukla presented a paper on “Coordination of Directional Overcurrent Relays for Distribution System using Particle Swarm Optimization” 2019 International Conference on Smart Power & Internet Energy Systems will be held in Deakin University, Melbourne, Australia on April 25-27, 2019.
- Sweta Malik presented a paper on “Integrating demand response and energy efficiency”, World Sustainable Energy Days 2019: Young Energy Researchers Conference, Wels/Austria, Feb 27 – Mar 1, 2019.
- Mihir Bhatt presented a paper on “Thermal Stress Analysis of Transformer Oil based Nanofluid”, 12th International Conference on Thermal Engineering: Theory and Applications; held at PDPU.
- Het Bhalja and Bhavesh Bhaljja, presented paper titles “Standalone Microgrid with Five Level Diode Clamped Inverter Based Hybrid Generation System,” in the Proceedings of the Third International Conference on Electrical, Computer and Communication Technologies, ICECCT 2019, held at Coimbatore, India, February 19-23, 2019.
- Shyam Sakaria and Mark Tailor, “MODELING & SIMULATION ANALYSIS OF 800kW HAWT” presented a paper in proceedings of the 12th International Conference on Thermal Engineering: Theory and Applications (ICTEA 2019), held at PDPU Feb 23-26, 2019.

- Binit Patel and Kishan S presented a paper on “Design and Implementation of BLDC Motor Controller for Energy Efficient Fan” 12th International Conference on Thermal Engineering: Theory and Applications (ICTEA 2019), held at PDPU Feb 23-26, 2019.
- Amitkumar Suthar and Manish Kumar presented a paper on “Sea Water Desalination Using Waste Heat of Nuclear Power Plant”, (Elsevier SSRN) International Conference on Sustainable Computing in Science, Technology and Management, SUSCOM-2019, February 26 - 28, 2019.
- Chao Long and Nilay Patel presented a paper on “Optimal Utilization of Reactive Power Capability of Renewable Energy Based Distributed Generation for Improved Performance of Distribution Network”, International Conference on Renewable Energy and Climate Change, (REC2019), IITRAM, Ahmeabad, 1-2 February, 2019.
- Pankita Mehta presented a paper on “Voltage Control of Wind and Diesel Based Distributed Generating System Using PSO and CSA”, International Conference on Renewable Energy and Climate Change (REC2019), IITRAM, Ahmedabad, 1-2 February, 2019
- Maharshi H. Gohil presented paper on “ANN Based Fundamental Current Extraction Scheme for Single Phase Shunt Active Filtering,” Third International Conference on Electrical, Computer and Communication Technologies, ICECCT 2019, held at Coimbatore, India, February 19-23, 2019.
- H. S. Bhalja and B. R. Bhalja, presented paper on “Standalone microgrid with five-level diode clamped inverter based hybrid generation system” in proceedings of the 2019 third IEEE international conference on Electrical, Computer and Communication Technologies (IEEE ICECCT 2019), held at SVS college of Engineering, Coimbatore, Tamilnadu, India, Feb 20-22, 2019
- Dhaval R. Vyas presented a paper on “Setpoint tracking control using modified higher order sliding mode control: Application to robotic manipulator”, 12th International Conference on Thermal Engineering: Theory and Applications (ICTEA 2019), held at PDPU Feb 23-26, 2019.
- Maulik Kumar Pandya presented a paper on “Coordination of SVC and TCSC for Management of Power Flow by Particle Swarm Optimization” at 5rd International Conference on Power & Energy Systems Engineering, CPESE 2018, held at Nagoya University, Nagoya, Japan during September 19-21, 2018
- N Anwer & A. Kumar presented a paper on “Peer to peer electricity exchange among rural households,” Uttar Pradesh Electricity Regulatory Commission Conference 2018 “Creation of Eco System using Block Chain Technology for Renewable Energy Distributed Energy Generation & Supply”, vol. 1, no. 1, pp. 86-93, 10 Oct. 2018, Vidyut Niyamak Bhawan, Lucknow.
- N Anwer & A. Kumar presented a paper on “Peer to peer electricity exchange within solar based DC microgrids,” CIGRE, CBIP, SPE - National Conference on Renewable Energy technologies and its integration with grid”, vol., no., pp. 95 - 106, Dec. 2018, Vadodara, Gujarat.
- Dhairya Shah presented a paper on “Solution of Algebraic and Transcendental Equations using Fuzzified He’s Iteration Formula in terms of Triangular Fuzzy Numbers” at AMACS 2018 on 26 - 28th October 2018.
- Ashnil Mandaliya presented a paper on” Information Theoretical Measure for Career Determination” at AMACS 2018 on 26 th-28th October 2018.

- Urjit Hudka (Sem-7 Mechanical Engineering) presented a paper on "Integrated solutions for Self-charging Electric Vehicles" during Students' Special Symposium held during INAC-4 at SAC, ISRO on 27-09-2019
- Anuj Gandhi (16BME012) published a conference paper at National welding seminar, Cochi.
- M. V. Ramakrishna Malladi (15BME059) published a journal article Malladi, R., Nizami, A., Mahakali, M., and Krishna, B., 2018, "Cloud Masking Technique for High-Resolution Satellite Data: An Artificial Neural Network Classifier Using Spectral & Textural Context", Journal of the Indian Society of Remote Sensing
- Poojan Vora's project work, sanctioned by Institute of Engineers (IEI) under the guidance of Dr. Kush Mehta sir, got published in a reputed journal (accepted to be published in Materials Science & Engineering: A, Elsevier).
- Pratyush Srivastava presented paper on the "Machining of Nitinol (Shape Memory Alloy) using Wire-EDM process and analysis using GRA."
- Amit Suthar, Manish Kumar, Vipin Shukla presented paper titled "Sea Water Desalination Using Waste Heat of Nuclear Power Plant", in International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019).
- Tanvi Menaria, Manish Kumar presented a paper on Review on Radiographic Imaging Modalities for Nondestructive Testing & Evaluation (NDT & E), in International Conference on Sustainable Computing in Science, Technology & Management (SUSCOM-2019)
- Amit Suthar, Manish Kumar presented Critical Accident Scenario Analysis of Pressurized Water Reactor in Twelve International Conference on Thermal Engineering: Theory and Applications, February 23-26, 2019 held at PDPU.
- 'Accident Tolerant Fuel : Prospects and Challenges' presented by : Ms. Mudra Chavda, Mr. Khanjan Joshi, Mr. Arpit Naik and Mr. Manish Kumar
- 'VVER 1000 vs 1200 and Their Fuel Assembly' presented by: Mr. Smit Shah, Mr. Abhishek Saxena, Mr. Vishal Dhakane, and Mr. Mohd. Aasi Ansari.
- 'Application of Radioisotopes in Non-Destructive Testing and Evaluation' presented by : Ms. Tanvi Menaria, Mr. Sumit Bainjwan, Karan Parmar and Mr. Chintan Pathak.
- "Controlling Plasma Rotation using Periodic Gas-puff in ADITYA-U Tokamak", by Kajal Shah (16RSC010) at IAEA-Fusion Energy Conference, 22 October 2018.
- "Observations of Intrinsic Toroidal Rotation using X-Ray Crystal Spectrometer in ADITYA-U Tokamak" by Gaurav Shukla (16RSC009) at IAEA-Fusion Energy Conference, 22 October 2018.
- "Plasma rotation measurement using UV/Visible spectroscopy on ADITYA-U tokamak "by Gaurav Shukla (16RSC009) at 22nd Topical Conference Proceedings on High-Temperature Plasma Diagnostics (HTPD) San Diego, California, April 16-19, 2018.
- 'Design of tangential X-ray crystal spectrometer for ADITYA-U Tokamak' by Kajal Shah (16RSC010) at 22nd Topical Conference Proceedings on High-Temperature Plasma Diagnostics (HTPD) San Diego, California, April 16-19, 2018.
- Sakshum Khanna, CSIR-SRF presented Poster Presentation titled Fabrication of silicon nanohorns via soft lithography technique at Young Scientist Colloquium 2019 (YSC-2019).
- Sakshum Khanna, CSIR-SRF presented Oral Presentation titled CVD growth of Titanium Dioxide nanorods at International Conference on Materials and Manufacturing Techniques 2019 (IMMT-2019).
- Sakshum Khanna, CSIR-SRF presented Oral Presentation titled Fabrication of silicon nanohorns for Photoelectrochemical Application at ICNAN- 2019 (VIT ICNAN-2019).

- Sakshum Khanna, CSIR-SRF presented Poster Presentation titled Bidispersed Monolayer over Silicon substrate using spin coating technique at NANOMATERIALS FOR ENERGY CONVERSION AND STORAGE APPLICATIONS (NECSA-2018).
- Sakshum Khanna, CSIR-SRF presented Poster Presentation titled Lucid method for achieving silica monolayer with high surface coverage (CRSI-ACS Symposium Chemistry-2018).
- Manmohansingh Waldiya Ph. D. Scholar participated at National Conference on Applied Materials Science (2018).
- Manmohansingh Waldiya Ph. D. Scholar presented Oral Presentation titled Influence of Anion in Ionic Liquids on the Morphology of Electrodeposited Te Nanostructures at National Conference on Chalcogenide Compounds (NC3-2019-MCP).
- Manmohansingh Waldiya Ph. D. Scholar presented Poster Presentation titled Raman Study of Galvanostatic Deposited CdTe Thin Films from BmimCl at Conference on Materials and Technologies for Energy Conversion and Storage (M-TECS-2018).
- Manmohansingh Waldiya Ph. D. Scholar presented Poster Presentation titled Electrodeposition of CdTe Thin Film from Acetate-Based Ionic Liquid Bath at Nanomaterials for Energy Conversion and Storage Applications (NECSA-2018).
- Anjali Vanpariya presented Poster Presentation titled Electrodeposition of Silicon nanospheres on gold substrate using water contaminated ionic liquid for fabricating high energy storage device at National Symposium on Electrochemistry in Materials and Devices (NSEMD- 2018).
- Anjali Vanpariya and Sakshum Khanna, CSIR-SRF presented Poster Presentation titled Graphene Protected Si Nanospheres for developing high energy density Li-ion Battery at DST-Mission Innovation challenge "Clean Energy Materials" (MIC-CEM-2018).

CENTRE OF CONTINUING EDUCATION

- Conducted Certificate Course Program - **Governance & Leadership**. This has helped the students to appear in the Civil Services Examination, Service Selection Board, Central Armed Police Forces examination and Combined Defense Services examination.

Results:

- Mr. Dipenkumar Arvindkumar [CCE-Roll NO: CCEA170044] qualified for Civil Services Exam (Prelims – 2018)
- Following Candidates qualified for GPSC Class I & Class II officers

Sr. No.	Name	Rank	Roll No. for Exam
1.	Mr. Hiren Jitendrabhai Barot	07	101012339
2.	Ms. Drashti Pankajbhai Shah	41	101006829

- Following Candidates qualified for GPSC Class I & Class II Interview

Sr. No.	Name	Roll No. for Exam
1.	Mr. Hiren Jitendrabhai Barot	101012339
2.	Ms. Drashti Pankajbhai Shah	101006829
3.	Mr. Mayur Kishorbhai Joshi	113124022
4.	Mr. Virpalsinh Mulendrasinh Raulji	131291659
5.	Ms. Nisha Balwant Kumar Sharma	101012220
6.	Mr. Kuldeepkumar Ramabhai Nayi	127243388

Subjects being taught:

- Indian Polity
- Indian Society
- Indian Economy & Macro Economic
- Science & Technology developments in India
- Geography with special reference to India
- Indian History (Including the impacts of World History)
- India's Art & Culture
- Environment & Sustainability with special reference to India
- Indian Foreign Policy
- Leadership, English & Aptitude for Administration

Conferences/ Workshops /Seminars/Conclaves

Sr. No.	Particulars	Date
1.	Skill Development workshop for B. Tech. students in acquiring various skills like welding, machining, non-conventional machining.	25-29 June 2018
2.	Expert lecture on emerging trends in welding technology and its application at L&T Mr. Yogeshchandra S Trivedi	24/07/2018
3.	One Day Symposium	06/08/2018
4.	Arranged seminar on “Career counseling” at PDPU (arranged Poster competition in same seminar) on 10th August 2018.	10/08/2018
5.	Two days’ workshop : “Natural Language Processing”	11-12/08/2018
6.	Expert lecture on Advance Welding Technology of Fronius by Mr. Parag Panchal & Mr. Devendra Gope, Fronius India Private, Limited	20/08/2018
7.	Expert lecture on Internet of Welding and Advance in Welding Equipments by Kemppi India By Mr. Sriharanandh & Mr. Sudarsan	28/08/2018
8.	Business Management Symposium	28-29 September, 2018
9.	HR Conclave	4-5 October 2018
10.	Three days’ workshop on ‘Welding for Engineers’ for Indian Oil Corporation employee jointly with Indian Institute of Welding	18-20 October 2018
11.	CHEMFUGE-The Quizzing Extravaganza	26/10/2018
12.	Two days’ workshop on ‘Non-conventional Welding Processes’ at Indo German Tool Room in collaboration with learning link foundation.	25-26 October 2018
13.	Two days’ workshop : “Analog and Digital Circuit Simulator- Multisim”	26-27/10/2018
14.	A two-day workshop on Raspberry PI – Image Processing	November 2018
15.	A two-day workshop on Internet of Things (IoT)	November 2018
16.	Arranged “Lean Six Sigma Green belt workshop” jointly by Department of Industrial Engineering and Concept business excellence private limited	13th – 14th October and 17th – 18th November 2018
17.	A One Day Conference on: Macromolecular Characterization of Coal and Hydrocarbon Components for Future	19 November 2018
18.	Workshop “Internet of Things-IoT”	26-27 November 2018

19.	Best presentation award competition under IIW-PDPU student chapter	04/12/2018
20.	Energy Conclave	21 December 2018
21.	Three days' Capsule course on "Project Management"	24 th , 26 th and 27 th January 2019
22.	Welders' competition under the banner IIW jointly with IIW official at Indian Dairy Machinery Company Ltd, IDMC, Anand	10/01/2019
23.	Young professional seminar under the banner IIW-PDPU student chapter	11/01/2019
24.	Two-day IEEE-PDPU Student Chapter workshop on Data Analytics	February 2019
25.	Interactive discussion on Petroleum Conservation Research Association (PCRA).	February 2019
26.	INDIA-H2O Kick Off Meeting	February 2019
27.	Workshop on "Process Plant Design and Safety"	1-3 Feb 2019
28.	Industry Connect	08/02/2019
29.	Recent advances in Modern Manufacturing processes	7-8 February 2019
30.	Bric-2019	08 February 2019
31.	Workshop on "Basic of Neural Network using MATLAB"	9-10 February 2019
32.	Custom made one full day workshop on "Metallurgy for Non Metallurgist"	15/02/2019
33.	Challenges and Opportunities in Natural gas Industries, Jointly Organized with Gas Technology Institute, USA	22 February 2019
34.	Two day workshop: MultiSim and LogiSim	22-23 February 2019
35.	12th International Conference on Thermal Engineering: Theory & Applications	23-26 February 2019
36.	Workshop on Supply chain simulation	27/02/2019
37.	Workshop on 'Software based Optimization Learning of Industrial Processes'	28th February-01st March 2019
38.	Understanding Drawings and Documents of Construction Projects"	28/02/2019 & 1/03/2019
39.	Software based Optimization Learning of Industrial Processes	28 th February & 1 st March 2019
40.	Application of Finite Element Analysis in Pump Industry"	March 2019
41.	Software Application of Project Management : Primavera Workshop	15/3/2019
42.	Workshop on "Thermal Systems Design and Applications"	5-16 March 2019
43.	Applications of Nuclear Energy in Food & Agriculture, Water, Industry and Sewage Treatment	25-26 March 2019

44.	National Symposium on 'Current Challenges for Safe and Sustainable Structural Development'	27-29 March 2019
45.	VISSIM Software Training Workshop	02/04/2019
46.	Inauguration of Indian society of Non-destructive testing (ISNT) PDPU student chapter	11/04/2019
47.	Abaqus Software Training Program	19/4/2019
48.	Three days' TRANSCREATIVITY Workshop	17-19 April 2019
49.	Seminar on "Experimental Techniques for Tokamaks" by Prof. Jaydeep Ghosh, IPR, Bhat, Gandhinagar, India,	24/04/2019
50.	Lean Six sigma	25-30 April 2019
51.	A one-day Thesis-Writing Workshop for the SLS doctoral students	15 th May 2019
52.	One Day Training Program on "COMSOL Multi-physics	06/05/2019
53.	Incorporating Both Technical and Human Elements to Reduce Hazards and Vulnerabilities in Industries of National Importance" Gandhinagar, India	14-16 May 2019
54.	Celebration of World Environment Day	05/06/2019
55.	Celebration of World Environment Day	05/06/2019
56.	One week STTP : Mathematical Modeling and Simulation	3-7 June 2019
57.	Skill Development Workshop Program -2019	3-8 June 2019

PLACEMENT

B. Tech.

Prominent Recruiters: The Faculty of Engineering and Technology (SoT & SPT) maintained its excellent track record of securing placement for its students. This year placements touched 85%, with our students being hired by top companies of India. This year numerous students have received job offers from companies which are predominantly from their respective discipline. Glimpses are as follows:

- The highest offer of Rs. 19.20 LPA from ONGC has been offered to 11 B. Tech. Petroleum Engineering students.
- First campus placement in a Middle East country at B. Tech. level has been offered to two students of Petroleum Engineering and one student of Chemical Engineering by Protiviti, a global consulting firm. Students were offered Rs. 16.60 LPA and will be posted in Abu Dhabi, UAE.

Some other noteworthy companies that recruited include ExxonMobil, Infosys, Reliance Industries, Torrent Power, Coromandel International, Adani Power, L&T, Jubilant Life Sciences, Tata Chemicals, L&T Infotech, Gujarat Gas, Nirma, BYJU's, Nayara Energy, OYO, Berger Paints, ISGEC Hitachi Zosen.

Sr. No.	Organization	No. of students placed
1	A M Designs Pvt Ltd	3
2	Action-Edge	4
3	Adani Green Energy	5
4	Adani Power	8
5	Airoil Flaregas Pvt. Ltd	1
6	Allied Engineers	2
7	Amrut Energy	1
8	Anup Technocrate	1
9	Avaada Energy	1
10	Berger Paints	2
11	Bridgestone	1
12	BYJU's	2
13	CEGE, PDPU	1
14	Citizen Metalloys	4
15	Coromandel International	1
16	Credible Steel	2
17	Cyient	0
18	Designmate I Pvt Ltd	1
19	Devarsons Industries Pvt Ltd	4
20	Electrotherm	1
21	Eshia Construction	2
22	eTeam	1
23	Etech	1
24	Evosys	3
25	ExxonMobil	2
26	Fair Deal Organic	1

27	Flipkart	3
28	Ganges Georesources Pvt. Ltd	1
29	Green Circle Inc	3
30	GSPC (Apprentice)	3
31	Gujarat Gas	1
32	Hansa Mgt. Services	3
33	HAVER IBAU INDIA	3
34	Honeywell	2
35	Infosys	21
36	Integrated Resources Staffing	3
37	ISGEC Hitachi Zosen Limited	2
38	Jobs on Sight	1
39	Jubilant Lifesciences	2
40	Kaizen Executive Search	1
41	KSB Pumps	2
42	L&T Hydrocarbon	1
43	L&T Infotech	7
44	L&T Technology Services	19
45	Mahindra & Mahindra Ltd	1
46	Mascot Infrastructure (Guj) LLP	1
47	Matter Motor Works	1
48	Meditab India	1
49	Milacron India	1
50	Myclass Campus - Hexagon Innovation	5
51	Nayara Energy	5
52	Nirma	8
53	Nocil	4
54	ONGC	11
55	ONGC Petro Additions (OPAL)	3
56	Optimized Solutions	3
57	Oyo Rooms	3
58	PDPU	4
59	Pin Click	1
60	Positron Energy	1
61	Pressure Jet Systems	4
62	Protiviti	3
63	Prozeal Infra Engineering Pvt. Ltd	2
64	Quess Corp (Adani Gas)	1
65	Reliance Industries	18
66	S&P Global	1
67	Sabarmati Gas	3
68	Samsara Buildtech Pvt Ltd	1
69	Sanmarg Projects	2
70	Schoogle	3
71	Shell Business Operation	5

72	Shikhar Infra	1
73	Shriram Transport Finance	1
74	Tata Chemicals	2
75	Tata Motors	1
76	TCS	6
77	Toppr Technologies Pvt. Ltd	1
78	Torrent Gas	23
79	Torrent Power	10
80	TwinStar Incorporation	1
81	Unilink Engineering	2
82	Vasani Polymers	8
83	Welspun India Limited	6
84	Wipro	2
85	Zydus Cadila	3
Total		296
Minimum annual emolument		Rs. 1.32
Maximum annual emolument		Rs. 19.20
Average annual emolument		Rs. 3.65

M. Tech.

Sr. No.	Organization	No. of students placed
1	Anant University	3
2	Balief Corporation	1
3	CEGE, PDPUP	1
4	Gensol Engineering	2
5	Green Circle Inc	2
6	Infosys	2
7	Kanoria Chemicals	1
8	L&T Technology Services	1
9	M G Motor	2
10	Manikaran Power Limited	1
11	Pressure Jet Systems Pvt Ltd	2
12	Prozeal Infra Engineering Pvt. Ltd	1
13	Reconnect Energy	1
14	SLBS Eng. College, Jodhpur	1
15	Torrent Power	1
Total		22
Minimum annual emolument		Rs. 1.50
Maximum annual emolument		Rs. 4.40
Average annual emolument		Rs. 3.49

M. B. A.

The Faculty of Management maintained its excellent track record of securing placement for its students. This year placements touched 100%, with our students being hired by top companies of India. Some of the highlights are mentioned below:

- The highest offer of Rs. 18.40 LPA from GAIL India has been offered to MBA Students.
- New Recruiters like IDFC First Bank, Himalaya Drug Company, Synoptek Pvt. Ltd, Enertech Fuel Solutions, Dudhsagar Dairy, Gujarat Industrial and Technical Consultancy Organization Limited, to name a few were the part of the recruitment process.

Some other noteworthy companies that recruited include Accenture, Infosys, Reliance Industries, L&T Hydrocarbon Engineering Limited, KPMG, Protiviti, Godrej Boyce & Manufacturing, ICICI Bank, ICICI Prudential Life Insurance Limited, Torrent Gas, Torrent Power, JLL, FedEx, Adani Group, Asian Paints Limited.

Sr. No.	Organization	No. of students placed
1	GAIL India Limited	1
2	Accenture Technology	5
3	Infosys	10
4	KPMG	5
5	L&T Hydrocarbon Engineering Limited	1
6	IDFC First Bank	6
7	Reliance Industries Limited	3
8	ICICI Bank	11
9	Avenir	2
10	ICICI Prudential Limited	10
11	Protiviti India Member Firm	3
12	Enertech Fuel Solutions	1
13	Godrej Boyce Mfg. co ltd	2
14	Himalaya Drug Company	6
15	Asian Paints Limited	2
16	ChargeIn Kiosk Private Limited	3
17	Evosys Global Private Limited	1
18	Care Ratings Limited	1
19	Adani Ports and SEZ	5
20	Indian Oil Adani Gas Pvt Ltd	1
21	Adani Power Limited	1
22	PDP	1
23	Torrent Gas Private Limited	12
24	Synoptek Private Limited	1
25	Torrent Power Limited	4
26	JLL	2
27	FedEx	1
28	Dudhsagar Dairy	1
29	International Clearing Corporation	1
30	IRM Energy	2
31	Jobs On Sight	1
32	GITCO	2
33	Oerlikon Graziano	1
Total		109
Minimum annual emolument		Rs. 3.00
Maximum annual emolument		Rs. 18.40
Average annual emolument		Rs. 6.75

Liberal Studies

Sr. No.	Name of Organization	Annual CTC	No. of students placed
1	Azure Knowledge Corporation	Rs. 3,36,000/-	Offered to 5, 1 joined
2	India Infoline	Rs. 2,40,000/-	Offered to 12, 10 joined
3	Bharti Axa	Rs. 2,64,000/-	Offer to 4
	Total	11	
	Minimum annual emolument	Rs. 2,40,000/-	
	Maximum annual emolument	Rs. 3,36,000/-	
	Average annual emolument	Rs. 2,80,000/-	

LIBRARY RESOURCES

The libraries of the University provide the ideal ambience for production & dissemination of knowledge, information, insights & intellect across Schools of the University. The Library holds a huge collection of printed as well electronic resources which include books, journals, databases, e-books, e-journals, CDs/DVDs, reports, case studies, conference proceedings, training manuals, etc.

Information Technology has been extensively utilized to ensure that resources are accessible to students and faculty from anywhere at any time. Services such as OPAC for checking availability and booking online, remote access to e-resources and databases make the LIC extremely user-friendly.

The libraries have been automated using TCSiON library module. The software facilitates automated circulation (issue-return) of books and speedy access to bibliographic, location and availability information of the books in the library. A ready and up-to-date catalogue is available on the Internet for book enquiry. PDPU library also subscribes online databases such as EBSCO: Business Source Premier, Capitaline Plus, One Petro: SPE e-library, IEEE Explorer, American Chemical Society: ACS, American Physical Society: (APS), American Institute of Physics (AIP), Indiatat.com and JSTOR.

Particulars	FoET (SoT& SPT)	SPM	SLS
Number of Titles	9907	13867	10024
Number of Volumes	28411	14667	13024
National Journals	100	75	23
International Journals	15	12	21
National E-Journals	1	110	--
International E-Journals	933	2100	2500 (In JSTOR)
Database	1	3	03
CD`s	2117	1107	874
Newspapers	14	13	15
Case Study	0	65	--
Others		--	Pandit Deendayal Upadhyay Archival Section (107 books)
Plagiarism Check Software	TURNITIN		

COMMUNITY DEVELOPMENT INITIATIVE

The Office of Student Activities, Involvement and Leadership (OSAIL) of the University organizes Vacation Workshops under Community Development Initiative (CDI) every year. In its 10th edition in 2019, the programme included workshops such as Terracotta, Spoken English, Folk Dance, Art & Craft, Computer, Mehndi and Drama.

The workshops were conducted over the course of three weeks, i.e. from 13th May'19 to 31st May'19, from 9:30 A.M. to 11:30 A.M., through these workshops the children learned new skills which helped to boost their confidence & Self-Esteem.

Children from surrounding villages namely Valad, Jethipura, Students of Government Homes from Sector 11, 13, 19 of Gandhinagar and children of PDU staff and faculties participated in the programme. A volunteer was assigned for every village to take care of children during transit time. Around 350 Children participated in Vacation Workshop 2019.

The objective of the initiative was to ensure holistic development of children from lesser privilege group. The University focuses on developing and nurturing citizens of tomorrow and Vacation Workshops were one of the activities to reach out to larger community in surrounding area.



SPORTS

PDPU hosted its 10th Annual Sports' Fest – PetroCup'19 from 14th to 18th February 2019. The Five Day fiesta saw a participation of more than 3000 participants from various parts of the country and abroad.

PetroCup's goodwill spread across the length and breadth of the country and hence humongous footfall of more than 6000 students were found on the campus during the fest.

PetroCup'19 hosted formal events namely Basketball, Football, Volleyball, Lawn Tennis, Cricket, Carom, Chess, Athletics, Ultimate Frisbee, Kho Kho, Kabaddi, Badminton, Skating, Extreme Gym, Yoga, Takewondo and Table Tennis. The informal events like Futsal, Tug of War, Dodgeball, Footloose served the purpose of entertaining fillers. E-sports like DOTA, FIFA and many others were also to take place.

Renowned cricketer Mr. Parthiv Patel was the chief guest of the opening ceremony. He motivated the students to take up sports and shared his experience of playing the sport at the highest level.

Highlight of the Petrocup 2019 was International participation. University of Peradeniya, Srilanka participated in the athletics event. A contingent of Indian Council for Cultural Relations students of more than 10 nationalities participated in Football, Basketball, Cricket, Taekwondo etc.

Teams from 80 institutes competed for the PetroCup.



- NCC is one of the elective courses of the curriculum in the UG programmes of the University.
- 50 Boys & 50 Girls students were enrolled in it.
- Combined Annual Training Camps (CATCs) of Girl & Boy Cadets: CATC-XIV (1st to 10th February, 2019), CATC-IV (8th to 11th July, 2019), CATC- I (1st to 9th June, 2018), CATC- IV (9th to 16th July, 2018), CATC- X (2nd - 12th October, 2018), CATC- XII (26th November to 5th December, 2018), CATC-XIV (21st - 30th December, 2018)
- SPECIAL CAMPS: Army Attachment Camp (5th to 19th August, 2018), Mavlankar Shooting Championship Selection 9th April, 2019
- 'B' Certificate - 12 Girl Cadets & 11 Boy Cadets
- 'C' Certificate - 8 Girl Cadets & 10 Boy Cadets

Events and Activities

Independence Day Celebration 2019



Republic Day Celebration 2019



Enrolment of Boys Cadets 2019



Enrolment Girls of Cadets 2019



Cleanliness Drive-Oath Taking Ceremony (Boys)



Cleanliness Drive-Oath Taking Ceremony (Girls)



Swachta Campaign (Boys)



Swachta Campaign (Girls)



Nukkad Natak (Street Play)



Republic Day Parade Camp Orientation



Rural Exposure of cadets



Oath taken by cadets

Pandit Deendayal Petroleum University
National Cadet Corps

Pledge on Clean India taken by the NCC cadets of PDPU

Mahatma Gandhi dreamt of an India which was not only free but also clean and developed.

Mahatma Gandhi secured freedom for Mother India.

Now it is our duty to serve Mother India by keeping the country neat and clean.

I take this pledge that I will remain committed towards cleanliness and devote time for this.

I will devote 100 hours per year, that is two hours per week, to voluntarily work for cleanliness.

I will neither litter nor let others litter.

I will initiate the quest for cleanliness with myself, my family, my locality, my village and my work place.

I will segregate my (household, shop, establishment) waste in two dustbins, wet waste in Green and dry waste in Blue, as my contribution to the Swachh Bharat Mission.

I believe that the countries of the world that appear clean are so because their citizens don't indulge in littering nor do they allow it to happen.

With this firm belief, I will propagate the message of Swachh Bharat Mission in villages and towns.

I will encourage 100 other persons to take this pledge which I am taking today.

I will endeavour to make them devote their 100 hours for cleanliness.

I am confident that every step I take towards cleanliness will help in making my country clean.

National service scheme 'Not me, But you'

National Service Scheme (NSS) is an Indian government- sponsored public service program conducted by the Ministry of Youth Affairs and Sports, Government of India. This scheme enables the youth to participate in various programmes concerning regional and national Development. With community service as its main focus, NSS, along with its highly passionate volunteers continues to impact the society through a variety of events and camps organized in rural areas.

At PDPU, NSS is a one credit course for the first year undergraduate students, and about 100 students enroll every year in it.

Few of NSS programs conducted during 2018-19:

- Run for Unity: 31st Oct. 2018
- National Voter's Day: 2019
- Petroleum Conservation Workshop: 11th Jan. 2019
- Quiz Session: 7th Feb. 2019
- Awareness on E-waste: 22nd Feb. 2019
- Clothes Donation: 5th Apr. 2019
- Run for Voting Awareness: 16th Apr. 2019
- Tree Plantation: 5th Jun. 2019

Run for Unity: 31st Oct. 2018



National voters' Day: 2019



Petroleum Conservation Workshop: 11th Jan. 2019



Quiz Session: 7th Feb. 2019



Awareness on E-waste: 22nd Feb. 2019



Clothes Donation: 5th Apr. 2019



Run for Voting Awareness: 16th Apr. 2019



Tree Plantation: 5th Jun. 2019



STUDENTS' ACTIVITIES

Engineers' Day Celebration 2018
(14th September 2018)



TESSERACT is the Annual Science and Technical Fest
(16th to 18th November 2018)



PDPU Haat a Flea Market Organized by Rotaract Club of PDPU for a social cause
(25th October 2018)



Tints + Shades – An Art Exhibition by PDPU Students
(23rd & 24th February 2019)



Spot Light 2.0: Talent show for Housekeeping staff
(28th April 2019)



TEDx PDPU 2019
(28th March 2019)



Inficubing PDPU Open 2019
(20th April 2019)



FLARE

FLARE 19 – the Annual Social & Cultural Festival of PDPU was organized from **11th April, 2019 to 14th April, 2019**. Flare - a symbol of brilliance, of passion, of zeal, involved events from diverse fields such as Music, Dance, Drama, Art, Theatre, Literature, Gaming, Fashion and many more. The four nights of the event were bliss which included Taal Sangam, Amethyst - The Model Hunt which gave an opportunity to an individual to own the ramp and showcase the walk and fashion skills amongst folks. Flare 2019 also observed – Ablaze: A National level group dance competition which revolutionizes the dance circuit and was remembered as the competition where the caliber of dance and creativity were astronomically high. FLARE also witnessed Battle of bands, At-Mosh-Sphere where the trope fought for the title. The last day which was celebrated with the closing of Flare 19 with KK performance on Pro-Nite, who made the spectator sway their feet and enjoy incredibly. Indeed all the days filled in memories for thousands of students with a touch of ethnicity and culture.



STUDENTS' CLUBS

Soul Pepper: Dance & Dramatics



Soul Pepper is a dance & dramatics club started by students. Its objective is to demonstrate and understand the nature of basic voice production, modulation and delivery. Examine the nature of trust and responsibility in the context of Drama as a social art form. And its aim to develop the depth of concentration necessary for inventive role-play activities.

Jharokha: Literary Club



Jharokha provide an open forum for ideation, discussion, and deliberation on literary pieces, current and social issues, or any other idea under the sky. The club arranges workshops on creative writing and drawing. Drop in to participate in activities in activities like poetry recitation and listen to budding poets making lively recitations of their poems.

Rang: Fine Arts



Rang “The fine arts club” is the proposed title for fine arts and crafts club of PDPU which has been functioning to bring out the hidden creativity of students and provide a platform for those who want to show their creative and designing skills.

The main aim of this club is to create an atmosphere of innovation and creativity in the institute for all the students interested.

Offbeat: Music



Offbeat is the music club focusing on providing platform to talented students at campus and create awareness on different genre of music. Music has the ability to reduce pain through release of endorphins which act as natural pain killers. One of the key objective of music is to increases self-esteem and self-confidence of the students.

Elixir: Styling



A Fashion Stylist is one of the most popular emerging professions in the fashion world globally and is the job title of someone who selects the clothing and accessories for published editorial features, print or television advertising campaigns, music videos, concert performances, and any public appearances made by celebrities, models or other public figures.

Elixir would be entitled to develop the inner stylist in every student. Modelling, Grooming, Training and the overall personality skill development would be managed over the workshops and several events by the club.

Grow Cook Eat: Food



GCE is the Food club of PDPU. GCE provides a forum for information exchange and network around a common interest – food.

Rotaract: Social Awareness



Rotary's main objective is leadership, development & service— in the community, in the workplace, and around the globe. The mission of Rotary International is to provide service to others, promote integrity, and advance world understanding, goodwill, and peace through its fellowship of business, professional, and community leaders.

Debate Society: Debate



DebSoC is a students' forum at PDPU, which actively encourages intellectual and creative interaction. The forum organizes debates on various topics and provides a competitive environment to the students where they can enhance their communicative and public speaking skills.

Spic Macay: Indian Music & Culture



SPIC MACAY is a nationwide voluntary movement that organizes programmes of classical music and dance, folk arts, crafts, yog, classic cinema screenings, heritage walks, etc. inside school and college campuses throughout the world to make students more aware about Indian and world heritage. As the name suggests

“Society for the Promotion of Indian Classical Music And Culture Amongst Youth . PDPU chapter of SPIC MACAY promotes Indian Classical music & Culture through various activities.

Voleso: Fashion

The best designer is the designer who breathes life in a garment. Voleso- the fashion designing club of PDPU not only focuses on fashion as an industry but concentrates deep into the roots of designing.

From sketching to the final dress, everything you do to a cloth, makes it the final garment. Voleso is all about learning how to be a designer, enhance the designing skills and replicate the imagination into reality. Being backstage and designing your own line is something that can help a designer become a creator, and it will help them understand "fashion" in the deepest context. We, at voleso, are willing to help and promote designing and so we provide a chance for anyone who can design to

South Block: International Relations



South Block

Our world is smaller, faster, yet faces threats that loom larger than ever. Things are inextricably linked together in this new age. Now is the time, and the need for students to understand this connectivity and speculate on current as well as future trends to stay on top of changes and challenges. With the aim of fulfilling that need, this year we are proud to announce a new club in the PDPU family named after the famous 'South

Block' of Secretariat building that houses

- PMO
- Ministry of Defense
- Ministry of External Affairs
- NSA
- Indian Foreign Secretary and Cabinet Secretary

Science & Technical Committee:

Brahmand: Astronomy



THE ASTRONOMY CLUB

“BRAHMAND” - The Astronomy Club mainly focuses on various activities that connect us with our Universe. The club organizes events related to astronomy and astrophysics. The Universe is full of spectacular events which creates a lot of excitement among the people. And the explanation is also covered with mythical beliefs. The Club will make sure to introduce the reality behind them. This club helps Enthusiasts to learn more about astronomy and explore more of deep sky

and EXPLORE THE UNEXPLORED!!!

Cretus: Robotics



The Robotics Club endeavors to provide a platform for learning about hardware, electronics, fabrication and programming for robotics and its application in the energy sector. The club exposes students to latest automation techniques in the oil and gas sector.

Encode: Coding & Computing



Encode is the coding club of PDPU. The Club's main objective would be to support Programming as an initiative to empower logical skills as well as object oriented skills.

Mind Ripple: Quiz



The objective of the Club is to ignite and sustain the spark of curiosity in students, which would give PDPU students the edge in this world of mediocrity and uni-dimensional thought. To adorn PDPU students with the jewel called 'Awareness' whose dazzle would speak volumes about the glory of their intelligence wherever they go.

Sorriso: Photography



This club is formed to make student aware about photography as an art form. Photography is all about "seeing" things differently -- about thinking and discerning more fluently, so you can see the unique elements and factors that others may have overlooked in their habitual way of looking at the world.

VGA: Film Making



This club focuses on spreading a social message to people through their skill and by developing their ideas through script writing, shooting, editing and directing. Typically, it involves a large number of students who work together with single goal in their mind. Its main mission is to develop appreciation for film.

Avionics: Avionics

Avionics, the aeromodelling club, will function as a platform for enthusiasts, professionals and academicians to come together to work collaboratively in the aforesaid domain. Enabling students to learn and apply their learning rapidly is the main objective of the club. Through integrated activities like workshops, lectures, practical demonstrations and interdisciplinary projects, the club intends to cultivate the fresh talent in the domain to be the best in the circuit. By participating and delivering in competitions, this talent can be further honed in terms of skills and motivation. The club will foster innovation in the field of aeronautics and aeromodelling, and empower students to not just create, but to protect and deploy their intellectual property.

Envirocrats of PDPU: Environment

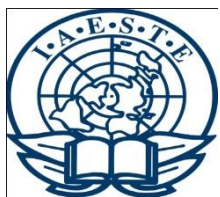
EOP aims to raise the awareness and understanding of various ‘environmental issues’ and instil a sense of responsibility for ‘protecting and conserving the environment’. The club will bring to light that ‘environmental management’ is a cash rich business and in this business everyone gain. EOP promotes the essence of ‘live and let live’

Respawn: Gaming



PDPU recognizes the Generation next’s interest in E- Sports and encourages the same. Students share their talent and knowledge of E-sports in games like—Arcade, CS, FIFA, Quake, Racing Games, Puzzles and Chess. E-Sports event annually and students also go to Inter-college competitions.

IAESTE: Student Exchange



The International Association for the Exchange of Students for Technical Experience (IAESTE) is an independent, non-profit and non-political student exchange organization. It provides students in technical degrees with paid, course-related, training abroad. Since it was founded in 1948, it has grown to include more than 80 countries and has exchanged in excess of 300,000 students.

Economic Ride:



ECO Bikes!! Why Eco bikes? Economic instability, climate changes and stay fit are main reasons to ride a bike! The smart and convenient way to ride is here at PDPU. Economic ride brings to you the most economic bicycles on rent! Yes you can rent the bicycles on a bike.

Economic Ride is a bike share programme aimed at encouraging the use of bikes by enhancing the ownership experience and making it hassle free and more convenient for students to go from one place to another. Students don’t face any problem as each bicycle is checked and serviced at regular intervals Through this initiative our students help our environment and make it more green and pollution free.



Programme-Discipline	No. of pass outs students		
	Female	Male	Total
MBA (E & I)	8	54	62
MBA (General)	24	19	43
PGDPM-X	1	6	7
B.Tech. (Petro. Engg.)	6	133	139
B.Tech. (Civil Engg.)	14	121	135
B.Tech. (Mech. Engg.)	4	135	139
B.Tech. (Elect. Engg.)	11	93	104
B.Tech. (Chem. Engg.)	7	48	55
B.Tech. (Ind. Engg.)	6	50	56
M.Tech. (Petro. Engg.)	1	16	17
M.Tech. (Civil)	8	18	26
M.Tech. (Elect.)	2	8	10
M.Tech. (Mech. (Thermal))	0	25	25
M.Tech. (Env. Engg.)	5	4	9
M.Tech. (Solar Energy)	0	10	10
M.Tech. (Nuclear Engg.)	2	3	5
M.Tech. (Chem. Engg.)	3	4	7
B.Com.(Hons) + Diploma	19	22	41
Bachelor of Arts (Hons.) + Diploma	54	7	61
Bachelor of Business Administration (Hons.) +Diploma	24	18	42
M.A. (English)	2	1	3
M.A. (IR)	3	3	6
M.A. (Pub. Adm.)	3	7	10
Ph.D.	15	16	31
Total	221	821	1043

VISITORS

Sr. No.	Name	Designation	Company	Date
1.	Mr. Mitesh Lad	Welding Engineer	GE Vadodara	02/07/2018
2.	Md. Monjurul Alam	Dy. Director, Power Div.	Min. of Power, Govt. of Bangladesh	26/07/2018
3.	Prof. Jyotishman Dasgupta	Professor	TIFR	06/08/2018
4.	Dr. Dinesh Kabra	IIT, Bombay	IIT, Bombay	06/08/2018
5.	Prof. Saurabh Soni	Professor	S.P University, V. V. Nagar	06/08/2018
6.	Dr. Anurag Gupta	Dept. of Nano Science and Material Science, MIT-USA	MIT	08/08/2018
7.	Mr. Ashish Chaudhary	Principal Consultant	Learning Link foundation	26/09/2018
8.	Mr. Pradeep Kumar	Manager	Learning Link foundation	26/09/2018
9.	Dr. G K Ghoshal	Ex. Head Petroleum Engineering, LIT Nagpur	LIT, Nagpur	01/12/2018
10.	Mr. Bharat Doshi	Scientific officer G	IPR	01/12/2018
11.	Dr. Devdas Lata	Central University , Jharkhand	Jharkhand	18/12/2018
12.	Prof. N.C. Kothiyal	Professor	NIT Jalandhar	18/12/2018
13.	Mr. Rhythm Patel	Supply Chain Management-Onshore,	L&T Knowledge City ,Vadodara	24/12/2018
14.	Dr. Rashmi Walvekar	Associate Professor	Taylors University, Malaysia	26/12/2018
15.	Dr. Malkesh Patel	Incheon University	Incheon University	07/01/2019
16.	Dr. M.P Deshpande	Professor in Physics	S.P University, V V Nagar	10/01/2019
17.	Mr. Jaydeep Joshi, Mr Ashish Yadav, Mr Vaibhav Joshi	Scientific Officer E	ITER, Gandhinagar	17/01/2019
18.	Dr. S. H. Chetwani	Head R&D	ERDA, Vadodara	Industrial delegates from various areas of electrical engineering viz., electric power sector, Electronics, manufacturing, technocrats and consultants were invited to the Industry Connect
19.	Mr. Madhur Gupta	Senior Engineering Leader	GE Hydro, Vadodara	
20.	Mr. Darshan Patel	Owner	Leaftronix, Gandhinagar	
21.	Mr. Arun Rao	General Manager (Distribution)	Torrent Power, Ahmedabad	

22.	Mr. Prashant Shah	Senior Manager Maintenance	AI Engineering, Odhav	2019 event which was held on 29th January 2019
23.	Ms. Shivani Sharma	Sr. Technical Consultant	Power Consulting, ABB India Ltd.	
24.	Mr. S. M. Takalkar,	Managing Director	Takalkar Power Engineers and Consultants Pvt. Ltd., Vadodara	
25.	Mr. Keval Velani	Service Provider	Takalkar Power Engineers and Consultants Pvt. Ltd., Vadodara	
26.	Prof. Sajeev Chandra	Professor, Department of Mechanical and Industrial Engineering	University of Toronto, Canada	01/02/2019
27.	Prof. Mohammed El Ganaoui	Professor	University of Lorraine, France	01/02/2019
28.	Prof. Rachid Bennancer	Professor	ENS-Paris Saclay, France	01/02/2019
29.	Prof. L S Yanovskiy	Professor	Central Institute of Aviation Motors CIAM	01/02/2019
30.	Mr. D G Sharma	Assistant Professor(MET)	Government Engineering College, Gandhinagar	01/02/2019
31.	Dr. Gautam Upadhyay	Principal	D. A. Engineering & Technology, Mahemdabad	16/02/2019
32.	Dr. R. A. Mashelkar	FRS Bhatnagar Fellow & President-Global Research Alliance National Chemical Laboratory	Pune	26/02/2019
33.	Dr. Sumit Sharma	Senior Scientist	RIL, Baroda	March 2019
34.	Dr. D. G. Kuberkar	Saurashtra University, Rajkot	Saurashtra University, Rajkot	01/03/2019
35.	Sri Sanjay Prasad	IAS, Additional Chief Secretary,	Farmers Welfare and Co-operation Department, GOG	25/03/2019
36.	Smt. Anju Sharma	IAS, Principal Secretary,	Higher and Technical Education, GOG	25/03/2019
37.	Dr. P.K Pujari	Director	Radioisotope group, BARC	25/03/2019

38.	Dr. R.J. Patel	Raja Ramana Fellow	BARC	March 25-26, 2019
39.	Shri P Goverdhan	Controller	BARC	March 25-26, 2019
40.	Dr. P. D. Naik	Dean	BARC	March 25-26, 2019
41.	Dr. H. Pal	Associate Director	CG, BARC	March 25-26, 2019
42.	Dr. R.C. Bindhal	Desalination Division, BARC	Desalination Division, BARC	March 25-26, 2019
43.	Dr. S.K. Ghosh	Head	Food and Technology Division, BARC	March 25-26, 2019
44.	Dr. M. Ramanamurthi	Director's Office	BARC	March 25-26, 2019
45.	Dr. Shashank Chaturvedi	Director	IPR Gandhinagar	26/03/2019
46.	Dr. Pradeep	Manager	Xylem water solution	29/03/2019
47.	Mr. Bharat Doshi	Scientific Officer-G	IPR	29/03/2019
48.	Mr. Jignesh	Director	Khodyar CAD centre	29/03/2019
49.	Prof. Ashok Wagh	Professor & Dean	CPRI, Ahemdabad	April 2019
50.	Prof. Amish Vyas	Dean	Indrashil University	April 2019
51.	Dr. K. Parmar	Head R & D	RIL, Baroda	April 2019
52.	Dr. Sunil Kumar Khare	HoD; Petro. Engg.	UPES Dehradun	03/04/2019
53.	Mr Ashish Yadav,	Scientist	ITER	08/04/2019
54.	Mr. B. P. Singh	Consultant EOR	ONGC	11/04/2019
55.	Mr. H. C. Das	CEO	Inno-Tech Translating Innovation, Guwahati	15/04/2019
56.	Mr. Chanchal Das	Technical Advisor, R&D	Aventus Oil tools Ltd.	16/04/2019
57.	Dr. Samir Biswal	Director	GSPC	16/04/2019
58.	Mr. Bhavik Shah	Software Engineer	Schlumberger	16/04/2019
59.	Mr. Dholakiya & His Son	Mg. Director	Hare Krishna Export, Surat	26/04/2019
60.	Mr. Rocky Abhishek	Scientist/Consultant	University of Stvenzer, Norway	26/04/2019
61.	Mr. Arun Karle	CEO	Askara Group	29/04/2019
62.	Mr. Mahendra Pratap	Head - Reservoir Engineering and Production & Senior Consultant	Halliburton	29/04/2019
63.	Prof. P.N. Tekwani	Professor	Nirma University	30/04/2019
64.	Mr. Kapoor	CEO	Novas Energy	30/04/2019
65.	Mr. Anton V. Kostargin	Deputy Chief Geologist	Novas Energy	30/04/2019
66.	Dr. Aprajita Mandal	INSPIRE fellow	Energy Research Unit in Indian	02/05/2019

			Association for cultivation of Science Kolkata	
67.	Mr. Darshan Shah	Deputy Director	Confederation of Indian Industry (CII)	03/05/2019
68.	Mr. Premal Dave	Head	CII, Gujarat	03/05/2019
69.	Dr. K B Kathiria	Director and Dean research	Anand Agriculture University	13/05/2019
70.	Prof. Sameer Delvi	HoD, Chemical Engg.	IIT Gandhinagar	15/05/2019
71.	Dr. Kamlesh J. Suthar	Principal Mechanical Engineer	Argonne National Laboratory, USA	21/05/2019
72.	Mr. Ramesh Awtale	Senior Project Engineer	Indian Road Builders	29/08/2019
73.	Prof. Nitin Tripathi	Director Special Degree Program	Asian INstitute of Technology, Thailand	29/08/2019
74.	Dr Amit Arora	Assistant Professor	IIT Gandhinagar	18/11/2019

PDPU to rope in oil companies to harness geothermal energy

First Project To Come Up At Dholera

Maulik.Pathak @timesgroup.com

Ahmedabad: After finding success in its pilot project at Dholera, Pandit Deendayal Petroleum University (PDPU) is planning to tap a large geothermal source for commercially viable production of electricity. For this, it is planning to rope in oil companies to carry out deep well drilling and exploration at various locations in Gujarat, said officials involved in the project.

The state is now exploring geothermal renewable energy and it is ready to set up its first geothermal power plant of 10-20 kilowatt capacity.

The plant will start operating next month at Dholera, where medium enthalpy heat in the form of hot springs has been found under the earth. This is ideal for generating



The team of Centre of Excellence for Geothermal Energy

electricity, PDPU officials said.

PDPU is now aiming to tap geothermal energy by drilling Gujarat's first 'parametric' well at Dholera. For this, it is preparing an environment impact assessment study after the ministry of environment, forest and climate change (MoEFCC) recently set the terms of reference.

The Centre of Excellence for Geothermal Energy (CEGE), a part of PDPU and funded by the Gujarat government, is coordinating the initiative which includes the Rs 13 crore project that aims to drill wells to depths of 1,500 metres at Dholera.

The state government had established CEGE in October 2013 to generate large scale electricity.

"The aim is to produce megawatt scale electricity," said Manan Shah, faculty - School of Petroleum Technology and scientist at CEGE. "Unlike solar and wind energy, geothermal energy is available round the clock. The geothermal energy potential in India is about 10,000 MW and it has remained untapped so far," he said. "CEGE has performed extensive exploration activities in Gujarat and identified 17 sweet spots among which Dholera is one of the

most promising. We are the first in the country to initiate an attempt to generate electricity with the help of geothermal energy. We are happy that the ministry of new and renewable energy has extended support to upscale the pilot project," said Anirbid Sircar, head of CEGE.

Initially, six sites including Dholera, Unai, Gandhar, Tuwa, Chabsar and Tulshishyam were identified by CEGE. However, CEGE is currently focusing on three sites — Dholera, Gandhar and Unai for exploration activities. Two geothermal borewells were drilled at Dholera where the temperature of water was found to be 47-60 degrees Celsius. The hot water of the well will be used for power generation using a technique termed as Organic Rankine Cycle (ORC). CEGE has also joined hands with French firm ENOGIA to arrange the ORC unit to be brought to India this month. Plans are also afoot to tap abandoned ONGC wells in Gandhar region where the temperatures are very high and suitable to generate megawatt scale geothermal power, said Shah.

આજ અને કાલ...

My Campus

PDPUમાં લીગલ પ્રોવિઝન ફોર વુમન એમ્પાવરમેન્ટના સેમિનારમાં રિટા. જસ્ટિસ રવિ ત્રિપાઠીએ કહ્યું કે...

વુમન એમ્પાવરમેન્ટ માટે માત્ર લો હેલ્પ નહીં કરે

પીડીપીયુ ખાતે લીગલ પ્રોવિઝન ફોર વુમન એમ્પાવરમેન્ટ પર એક દિવસીય સેમિનારનું આયોજન કરવામાં આવ્યું હતું જેમાં યંગસ્ટર્સને કેવી રીતે પોતાની જાતને સુરક્ષિત રાખવી તેમજ જરૂર પડે કોની કોની મદદ મેળવવી તે અંગે માર્ગદર્શન આપવામાં આવ્યું હતું. આ પ્રસંગે ખાસ ઉપસ્થિત રહેલા નેશનલ લો કમિશનના જસ્ટિસ રવિ ત્રિપાઠી અને રિટાઈર્ડ જજ જણાવ્યું હતું કે માત્ર લો સ્ટીઓને એમ્પાવર કરવામાં હેલ્પ નહીં કરી શકે, તેઓને માનસિક રીતે મજબૂત બનાવવાની સાથે કાર્ટનાસિયલી પણ ઈન્ડિપેન્ડેન્ટ રાખવું પડે. આ પ્રસંગે ચીફ ગેસ્ટ તરીકે હાજર રહેલા વુમન કમિશનના ચેરપર્સન લીલાબેન અંકોલિયાએ સ્ટુડન્ટસને ઈન્સપિરેશનલ સ્પીચ આપી વુમન સાર્ટની બુક શેર કરી હતી. જેમાં સ્ટીઓનાં હક્કો અને પોલિઝન દર્શાવવામાં આવ્યાં છે. કન્વીનર ઓફ થ સેમિનાર નીતા ખુરાના અને ડો.સીતુ સાર્માએ સ્ટુડન્ટસને જણાવ્યું હતું કે જોકરીઓએ પોતાની જાતને રિસ્કેટ આપવા માટે કદબને અનુસરવાને બદલે મજબૂતી પણ કામ લેવું જોઈએ.

'Life is full of possibilities'

Home Minister Amit Shah urges graduating PDPU students to do their best; advises them to study lives of Gandhi, Pt Deendayal Upadhyay in order to understand India



(L-R) Saurabh Patel, D Rajagopalan, Mukesh Ambani, Amit Shah, Vijay Rupani, Bhupendrasinh Chudasama, JN Singh

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TWEETS @ahmedabadmirror

The study of lives of Mahatma Gandhi and Pandit Deendayal Upadhyay is enough to understand the real 'Bharat', Union Home Minister Amit Shah, also the chief guest at seventh annual convocation of Pt Deendayal Petroleum University, told students on Thursday.

As many as 1,042 students received degree certificates at the seventh annual convocation of PDPU, with 61 getting gold medals. Addressing the students, he said Upadhyay, an RSS thinker and former leader of Bharatiya Jana Sangh—was a man who could foresee problems currently faced by nation and gave solutions. "Gandhiji was a great man and the most popular and relevant man of this century. I believe his thoughts are eternal. There are many organisations that have been working for Gandhiji's thoughts and philosophy. What you will do (about Gandhiji's thoughts) is important," he said.

Chief Minister Vijay Rupani, Cabinet minister for education Bhupendrasinh Chudasama, Chief Secretary JN Singh and other members of Board of Governors of PDPU remained present on the occasion.

On climate change

PDPU being a petroleum university, Shah urged Ambani to work in two very important areas—single-use plastic recycling and eco-friendly plastic—and find solutions.

He told the students that life was full of pos-



As many as 1,042 students received degree certificates at the seventh annual convocation of PDPU on Thursday

sibilities, and only those with courage could make the most of these opportunities. He urged students to never aim for less and always be ambitious in their goals, and do the best they could in the new chapter of their lives. Terming PDPU Prime Minister Narendra Modi's dream project, Shah said the varsity has come a long way and made a mark in national and international platforms as a world-class university.

The audience cheered loudly, shouting

'Bharat mata ki jai' when he spoke about Kashmir as well as India's response to Uri and Pulwama attacks. "Kashmir is India's integral part. Ending Article 370 and 35A was a challenge. Prime Minister Narendra Modi ended it with one just stroke. People of Kashmir were so far deprived of employment, health benefits, good education... But under his leadership, people of Kashmir will soon get all the benefits," he said.

Dream big, Ambani to students

Learning and growing have become a collaborative enterprise in the digital age, said Mukesh Ambani, president of the board of governors at Pandit Deendayal Petroleum University. He was addressing nearly 1,000 students on the varsity's 7th Annual Convocation on Thursday. Welcoming chief guest Union Home Minister Amit Shah at the event, Ambani called him a true karmayogi and Iron Man. He also advised students never to lower the barrier of their ambitions. "Never be hesitant to dream big. Never slacken your efforts to be better each day, and to become a better human being. Ever be hopeful that India of tomorrow—and the world of tomorrow—will create ample opportunities to fulfill your ambitions and dreams," he said. He expressed confidence that, in next 24 months, India would be among the leading nations of the world in terms of adoption of Artificial Intelligence, Internet of Things, Blockchain, Cloud Computing and other technologies.

PDPU INNOVATIONS



ALL-TERRAIN E-VEHICLE Made by 25 students of BTech, the design was ranked 2nd in Gujarat and aims to give fresh boost to concept of e-vehicles.



E-NAKSHATRA: This prototype of hyper-efficient electric vehicle "can travel up to 122 km by spending just Rs 7", according to group captain Rutvik Ghiya.

PDPU MEDALISTS ON CLOUD 9



I had not imagined that I would get a gold medal. Though I did not get placed through the campus, I got a job at Thermax, Pune.

Aditya Pundkar,
Gold medal,
MTech-Thermal
Engineering



This is the first time in my entire academic life that I have been awarded a silver medal. When I entered PDPU, I did not have the slightest expectation of a medal. I got placed at Bosch Rexroth.

Nirav Patel, Silver medal, MTech-Thermal



PDPU has played a pivotal role in the rise of my career. Even in the industry, I never felt lacking in skills, thanks to PDPU's teaching approach. I got placed at ONGC, Ahmedabad.

Pratik Patel, Gold medal, Petroleum Engineering



The teaching and course structure here have catapulted me to my current position. Today, I am successfully working at ONGC due to resources which were available to us at PDPU.

Harsh Anjirwal, Silver medalist, Petro Engg



I feel honoured and humbled. Political Science is my favourite subject. Receiving gold medal from an astute politician of India is another achievement. I'm working in the public policy field.

Ashini Jagtiani, Gold medal, MA Pol Science



From the day I started, I wanted to be the best in class. There were just 10 students in our class. What's the point if I can't top it? We were just two girls and I wanted to be at top.

Maitry Naik, Gold medal, MTech-Electrical Engg