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## ABOUT UNIVERSITY

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Pandit Deendayal Energy University popularly known as PDEU has been established under the Gujarat State Legislative Act No.14 on 4<sup>th</sup> 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 emerge as a world class Institution of Excellence in Energy Education, Research and Innovation which will prepare and sensitize the youth and ultimately the society for radical yet sustainable societal transformation.

### **Mission**

Undertake a unique obligation for Education in Energy, Engineering, Management and Liberal Arts 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 To establish 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

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- NAAC accredited with A<sup>++</sup> grade & CGPA of 3.52 out of 4
- Awarded Centre of Excellence (CoE), Govt. of Gujarat
- National Board of Accreditation (NBA) for three B. Tech. programmes viz. Mechanical Engg., Petroleum Engg. and Electrical Engg.
- Recognised by University Grants Commission (UGC) u/s 2(f)
- AICTE approved B.Tech., M.Tech & M.B.A. programs.
- Scientific and Industrial Research Organization (SIRO), Govt. of India
- Approval u/s 35(1)(ii) of Income Tax Act, Government of India for Research Activities
- Designated by DGH-GoI for EOR Screening across India, along with ONGC-IRS, IIT-ISM, IIT-Kharagpur, IIT- Bombay and IIT-Delhi as a member of Enhanced Recovery Committee to review and approve at different stages of EOR process.

## FROM DIRECTOR GENERAL'S DESK

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Dr. S. Sundar Manoharan  
Director General



### Innovation for Industry 4.0 and Beyond

This University boasts of its vibrant campus with the latest facilities and technologies. It has set up State of the art Laboratories in various disciplines with the support of Industry and Knowledge partners. The University has also developed Translational Research Centre-TREC to facilitate multi-disciplinary interactions on all the nine verticals of Industry 4.0 namely Augmented and Virtual Reality, Additive Manufacturing, Artificial Intelligence, Industrial IoT, Big Data, Cyber-Physical Systems, Cyber Security, Data Science, and Nanotechnology.

Students have demonstrated exuberant performance and innovation in their study & research; that has greatly added to the prestige and recognition of the University. The students are provided with the sound support for international exposure to have global perspective through International Exposure Programs.

Faculty with their expertise in the subject domain play very important role in nurturing the students for their chosen field of study. The researchers and students of the University collaborate with industry and government for innovation and incubation. Experts from Industry and Academia contribute a lot for updates in the course curriculum to meet industry standards.

The University encourages its faculty and students with the best in Academics for their holistic development.

We are gradually moving forward with our vision of building a globally renowned institution through Industry 4.0, with the wholehearted support and participation of all associated with the University. We look forward to go far and achieve more milestones, with the whole hearted support of all well-wishers of the University.

## FROM REGISTRAR

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Col (Dr) Rakesh Kumar Shrivastawa

Pandit Deendayal Energy University is located at Knowledge Corridor Gandhinagar in approx. 100 acres Green & Vibrant campus. It is mentored by our President Dr Mukesh Ambani, Chairman & MD Reliance Industries Limited and Shri Hasmukh Adhia, IAS, (Retd.), Vice Chairman Board of Governors.

It consists of four School namely School of Management (SoM), School of Energy Technology (SoET), School of Liberal Studies (SLS) and School of Technology (SoT) and also fifteen Centres of Excellence. Our admissions in engineering are through JEE Mains & GUJSET, for Liberal Studies through Internal Exams and for Management through CAT/XAT/MAT. Accordingly we are able to maintain a very good student quality and 100% admissions. Our scholarships schemes are very good and last year we were able to give scholarships to 372 students amounting of Rs.2.11 crores.

The University is accredited NAAC A<sup>++</sup> grade with 3.5/4.0 CGPA and also five star rating by Gujarat State Institutional Framework (GSIRF). Its infrastructure is world class be it in terms of Lecture halls, laboratories, hostels, students mess, library, open spaces and auditorium. Administratively we are very well managed and guarantee safe & secure environment to all students at all times. We have given adequate emphasis on health care, security, cleanliness and hygiene. The complete campus is Wi-Fi enabled and covered with CCTV cameras.

Lastly I would like to mention that the steps to success can be called with an acronym 3'S' i.e. sports, skill and start-ups. We have great sports infrastructure and sports culture, skill development initiatives and a robust ecosystem of Innovation & start-ups.

## BOARD OF GOVERNORS

### **Dr. Mukesh Ambani**

President

#### **Members**

Dr. Hasmukh Adhia, IAS (Rtd.) Chairman- Standing Committee	Dr. R. A. Mashelkar FRS Bhatnagar Fellow & President-Global Research Alliance National Chemical Laboratory – Pune
Dr. S. Sundar Manoharan Director General	Shri Jinal Mehta Managing Director Torrent Power Ltd - Ahmedabad
Shri Sanjeev Kumar - IAS The Managing Director Gujarat State Petroleum Corporation, Gandhinagar	Chairman & Managing Director, Oil and Natural Gas Corporation (ONGC), New Delhi
Shri S. J. Haider, IAS (Ex Officio) The Secretary to Government In-charge of Technical Education Government of Gujarat	Mrs. Mamta Verma, IAS (Ex Officio) The Secretary to Government Energy and Petrochemicals Department Government of Gujarat
Mrs. Pallavi Shroff Shardul Amarchand Mangaldas & Co. New Delhi	Shri Jalaj Dani Chairman – IIM - Trichy and Co-promoter of Asian Paints
Shri Parimal Nathwani Reliance Industries Ltd.	Dr. T. P. Singh Dean - Students' Affaris - PDEU
Dr. Dhaval Pujara Director: School of Technology, PDEU	Col (Dr) Rakesh Kumar Shrivastawa Registrar – Secretary

## ACADEMIC COUNCIL

**Dr. S. Sundar Manoharan**

Director General

### Members

Dr. Gopal Mahapatra Professor, Indian Institute of Management, Bangalore	Dr. Pradip K Tewari HoD (Chemical Engg.) Jal Jeevan Mission Chair Professor, Indian Institute of Technology, Jodhpur
Dr. J. Ramkumar Professor in Mechanical Engineering, Satischandra Agarwal Chair-Professor, Indian Institute of Technology, Kanpur	Prof. Dhaval Pujara Director - School of Technology
Dr Shubhasheesh Bhattacharya Director - School of Management	Dr. Tanushri Banerjee Dean - Faculty of Management School of Management
Dr. Ritu Sharma Dean - Faculty of Liberal Studies School of Liberal Studies	Dr. Nigam Dave Professor in English School of Liberal Studies
Dr. Anirbid Sircar Professor in Petroleum Engineering School of Energy Technology	Dr. Indrajit Mukhopadhyay Professor in Solar Energy School of Energy Technology
Dr. Manoj Pandey Professor in Chemistry School of Energy Technology	Dr. T. P. Singh Professor in Mathematics School of Technology
Dr. Surendra Singh Kachhwaha Professor in Mechanical Engineering School of Technology	Dr. Vivek Pandya Professor in Electrical Engineering School of Energy Technology
Dr. Ashvin Dave Professor in Business Admin. & Commerce School of Liberal Studies	Col (Dr) Rakesh Kumar Shrivastawa Registrar – Secretary

### SCHOOL OF MANAGEMENT (SOM)

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). Eventually, PDPU grew to become Pandit Deendayal Energy University (PDEU) and SPM expanded its offering in both MBA specialization areas of a) General Management and b) Energy and infrastructure. Thus being name School of Management from January 2023.

SoM has been successfully conducting MBA programme and shall be admitting its 18<sup>th</sup> batch in 2023.

#### 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. General Management

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

In addition, SoM offers Executive Education for working executives on an off campus & campus contact basis. SoM offers Ph.D. programme [full-time and part-time] as per University norms.

SoM also offers short term training programmes for industry executives on need basis. SoM faculty also undertake research projects assigned to them by various agencies.

## **SCHOOL OF ENERGY TECHNOLOGY (SOET)**

The transformation of PDPU to PDEU have facilitated our university to contribute substantially into all spectrum of energy from conventional to non-conventional, renewable to non-renewable energy resources under its new name. Our thrust is now focused on teaching and researching sustainable energy solutions for nation-building and skill-based learning of emerging technologies. At the School of Energy Technology, efforts are being made to transform learning in the fields of traditional hydrocarbon based-non-renewable energy and emerging technologies like hydrogen, gas hydrates, coal-bed methane, and even re-evaluating old producing reservoirs. In renewable energy, attempts are made to provide a sustainable solution for solar, nuclear, wave-tides, geothermal energy resources.

Our passionate faculties have loaded technical experience by engaging in practical research. Their merits can be ascertained by numerous international and national research papers in reputed peer-reviewed journals and conference proceedings. To ensure skill-based learning the School organizes expert lectures, seminars, training workshops and research/consultancy projects in collaboration with the industry to strengthen the Industry-Academia relationship. Moreover, the students overall development is ensured by various technical chapters and industrial orientation programs. Enhancing their technical skills, the faculty safeguards their communication and interpersonal skills by providing Rural Internships and personality development training; both efforts help them be employable and deployable.

The School has a futuristic Drilling and Stimulation Laboratory setup funded by the Department of Petroleum, Government of Gujarat. Also, the Government of Gujarat has set up demonstrative research on harnessing Geothermal Energy, Solar energy farms and production-grade facilities for solar PV cells. Additionally, the School have also initiated dedicated efforts on a large scale for Carbon dioxide capture, utilization, geosequestration for sustainable habitation. A 45 Mw single crystalline silicon solar power manufacturing process line is also envisaged. We have the well-established infrastructure and cutting edge-laboratory for large-scale energy storage for photovoltaic, wave, hydrogen and methane energy.

The School envisages bringing in cultural and regional diversity within the student's community by providing an International semester exchange and International exchange program. It also aims at addressing gender neutrality and encouraging experiential learning with wide-ranging cultural and ethnic student communities for promoting harmony, integration and shared values of living and relationships.



## SCHOOL OF TECHNOLOGY (SOT)

In the dynamic realm of technology and engineering, the School of Technology (SoT) at Pandit Deendayal Energy University (PDEU) has consistently strived to maintain its position at the forefront of knowledge, research, and education. This report encapsulates our journey throughout the academic year 2022-2023, showcasing our progress, adaptability, and resilience in facing challenges and opportunities.

Our unwavering commitment to academic excellence is the foundation of our School's success. Our faculty members and students have shone brightly, achieving remarkable feats in research, conferences, seminars, workshops, and projects. Students' participation in prestigious competitions and hackathons is a testament to their dedication and the quality of education they receive.

This year, our institution has celebrated outstanding achievements in various academic pursuits, including prolific research publications, notable project accomplishments, and impressive performances in academic competitions. We attribute this success to our holistic approach, which encompasses 100% admissions, robust educational activities, and the effective implementation of outcome-based education policies. Additionally, initiatives like Mentor-Mentee allocations, Parent-Teacher meetings, and project and poster exhibitions have further enhanced academic quality. The School has introduced Minor Programs in various cutting-edge fields, including Data Science, Machine Learning, VLSI Design, Robotics, Smart and Sustainable Infrastructure, the Internet of Things (IoT), and Additive Manufacturing.

Research and innovation are ingrained in our institution's DNA. We have consistently produced groundbreaking results that address contemporary challenges in engineering and technology. This culture of innovation is nurtured through state-of-the-art laboratories, collaborative projects, and partnerships with industry leaders. Our faculty members have secured funding from prestigious agencies like DST, GUJCOST, and ISRO. Notably, the School received a sanction of 68.60 Lakhs from the Ministry of Electronics and Information Technology, Government of India, under the Visvesvaraya Ph.D. scheme. The faculty members received six funded projects and have filed thirty-seven patents. Fourteen patents have been published, and four patents have been granted.

Our Memorandums of Understanding (MoUs) with esteemed organizations such as Space Applications Centre (ISRO), Indian Institute of Welding (IIW), ATIRA, Oizom, Sardar Sarovar Narmada Nigam, einfochips, among others, have yielded fruitful outcomes. These MoUs are not mere formalities; they involve active engagement through expert lectures, industry experts' participation in the Board of Studies, and visits to these organizations.

We have invested significantly in infrastructure in pursuing a globally competitive learning environment. This year, we introduced cutting-edge facilities such as the Apple Research Laboratory and Biofuel Centre and upgraded computational resources, ensuring our students access world-class resources.

Recognizing the importance of staying current in the ever-evolving technology landscape, the School of Technology has organized various skill development programs for students, staff, and faculty. We are committed to equipping our community with the skills to thrive in the 21<sup>st</sup>-century workforce.

Our commitment to giving back to society is realized through impactful outreach programs. Skill development workshops, awareness campaigns, and social responsibility projects have positively impacted the local community. In the past year, we successfully trained over 1,000+ students, staff, and faculty members, reinforcing our dedication to community engagement.

We remain aligned with national objectives and have actively participated in national initiatives. In the current year, we played a pivotal role in the G20 presidency campaign, hosting various events under its banner.

Throughout the year, the School hosted numerous national and international events, such as conferences, seminars, workshops, and hackathons. Of particular note were the international conferences titled "Advancements in Water Treatment and Management" and "Wireless, Antennas and Microwave Symposium," which drew participation from various national and international experts and delegates. These conferences generated significant interest, resulting in the inclusion of their final papers in esteemed publication databases.

The rapidly changing global landscape presents challenges and opportunities. To ensure our adaptability and sustainability, the School of Technology is gearing up for research and innovation in critical domains, including drones, Augmented/Virtual Reality, 5G/6G Wireless Communication, Additive Manufacturing, Water Treatment, AI-ML, Semiconductors, and IoT.

In conclusion, this report is a testament to our collective dedication, innovation, and pursuit of excellence throughout the academic year. As we move forward, we are committed to maintaining our position as a beacon of technological advancement, providing our students with a world-class education, and contributing to society through our research and outreach efforts. We look forward to the challenges and opportunities that the future holds and remain steadfast in our mission to excel in technology and engineering education.

## **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 prepare youth for filling in slots of jobs or enterprise in productive pursuits of earning and acquiring wealth. Unfortunately, one is neither properly tutored nor adequately trained to comprehend parameters of desired quality of life, mental health and happiness. One's intellectual being has one dimensional growth. In other words, one is not a holistic personality. No thinker, philosopher or innovative genius can come out of this run of the mill education system that focuses only on producing specialists and professionals. A holistic personality is one that can understand ethos of entire spectrum of human endeavors and think innovatively about them. Such people are the torch bearers of enlightened leadership that conceives better world and better future in holistic sense.

The School of Liberal Studies launched in 2009 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. In fact what is advocated in the NEP (New National Education Policy) was long back envisioned and implemented by the School with its transdisciplinary academic program and four year Under Graduate structure.

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.

The School currently offers four year undergraduate programs in B.A. (Hons.), B.B.A.(Hons.) & B.Com.(Hons.). The Programmes cover interdisciplinary curriculum and focused exploration of specializations. The School also offers Masters Program in Public Administration, Politics and International Relations, English, Psychology, Economics, Mass Communication and Finance. The School also offers Ph.D. in the areas of Humanities, Arts, Social Sciences, Business Administration and Commerce.

## ACADEMIC PROGRAMS

Sr. No.	Programme	Catered by
1.	M.B.A. (Energy and Infrastructure Management)	School of Management
2.	M.B.A. (General Management) Specialization in <ul style="list-style-type: none"> <li>▪ Financial Management</li> <li>▪ Marketing Management</li> <li>▪ Operations Management</li> <li>▪ Human Resources Management</li> </ul>	School of Management
3.	B. Tech. (Chemical Engg.)	School of Energy Technology
4.	B. Tech. (Electrical Engg.)	School of Energy Technology
5.	B. Tech. (Petroleum Engg.)	School of Energy Technology
6.	M. Tech. (Artificial Intelligence)	School of Energy Technology
7.	M. Tech. (Chemical Engg.)	School of Energy Technology
8.	M. Tech. (Electrical Engg. (Power Systems))	School of Energy Technology
9.	M. Tech. (Energy and Environmental Management)	School of Energy Technology
10.	M. Tech. (Energy Systems(Focused on Solar Energy))	School of Energy Technology
11.	M. Tech. (Nuclear Science and Technology)	School of Energy Technology
12.	M. Tech. (Petroleum Engineering)	School of Energy Technology
13.	M.Sc. (Chemistry)	School of Energy Technology
14.	M.Sc. (Physic)	School of Energy Technology
15.	B. Tech. (Automobile Engg.)	School of Technology
16.	B. Tech. (Civil Engg.)	School of Technology
17.	B. Tech. (Computer Engg.)	School of Technology
18.	B. Tech. (Electronics & Communication Engg.)	School of Technology
19.	B. Tech. (Information & Communication Technology)	School of Technology
20.	B. Tech. (Mechanical Engg.)	School of Technology
21.	B.Sc. (Hons.)	School of Technology
22.	M. Tech. (Civil Engg. (Infrastructure Engg. & Management))	School of Technology
23.	M. Tech. (Civil Engg. (Transportation Engineering))	School of Technology
24.	M. Tech. (Cyber Security)	School of Technology
25.	M. Tech. (Data Sciences)	School of Technology
26.	M. Tech. (Environmental Engg.)	School of Technology
27.	M. Tech. (Mechanical Engg. (Design))	School of Technology
28.	M. Tech. (Mechanical Engg. (Manufacturing Engg.))	School of Technology
29.	M. Tech. (Mechanical Engg. (Thermal))	School of Technology
30.	M.Sc. (Mathematics)	School of Technology
31.	B.A. (Hons.) / B.B.A. (Hons.)	School of Liberal Studies
32.	B.Com. (Hons.)	School of Liberal Studies
33.	M. A. (Economics)	School of Liberal Studies

Sr. No.	Programme	Catered by
34.	M. A. (English)	School of Liberal Studies
35.	M. A. (Mass Communication)	School of Liberal Studies
36.	M. A. (Political Science-International Relations)	School of Liberal Studies
37.	M. A. (Psychology)	School of Liberal Studies
38.	M. A. (Public Administration)	School of Liberal Studies
39.	Ph.D. programme is offered at every school of the University.	

### Admissions 2022-23

Program	No. of Students
B.Tech.	1033
BA/BBA	376
B.Com.	90
B.Sc.	24
M.Tech.	87
MA	72
MBA	122
M.Sc.	44
Ph.D.	65
Total	1913

### Students Strength

Program	No. of Students
B.Tech.	4506
BA/BBA	1385
B.Com.	421
B.Sc.	83
M.Tech.	234
MA	142
MBA	251
M.Sc.	70
Ph.D.	353
Total	7445

## EIGHT TECHNOLOGY ENABLING CENTERS OF EXCELLENCE UNTIL 2020

**FUNDING PARTNERS : GOG, GEDA, GPCL, MS, DOP, IC-GOG**

<b>2012</b> 44 Cr.	CENTRE FOR SOLAR RESEARCH & DEVELOPMENT	<b>2016</b> 12 Cr.	INNOVATION AND INCUBATION CENTRE
<b>2013</b> 20 Cr.	CENTER FOR EXCELLENCE IN GEOTHERMAL ENERGY	<b>2017</b> 10 Cr.	DRILLING, CEMENTING AND STIMULATION LAB
<b>2014</b> 20 Cr.	SEIMENS CENTER OF EXCELLENCE FOR AUTOMATION	<b>2019</b> 100 Cr.	INTL. AUTOMOBILE CENTER FOR EXCELLENCE
<b>2014</b> 4 Cr.	CENTER FOR BIOFUELS AND BIOENERGY	<b>2020</b> 17 Cr.	45 MW PRODUCTION LINE FOR MONOCRYSTALLINE SOLAR CELL- LAUNCHED

## CENTERS OF EXCELLENCE WHICH EMERGED BETWEEN 2020-23

**NEW FUNDING PARTNERS CoG, GUVNL, GESCL, EU, LARSEN & TUBRO, BP, DST-CoG**

<b>2020</b>	CENTER FOR WASTE WATER MANAGEMENT - EU-HORIZON 2020	<b>2022</b>	CENTER FOR SUSTAINABLE TECHNOLOGIES - LARSEN & TOUBRO TS
<b>2021</b>	CENTER FOR CARBON DIOXIDE CAPTURE AND SEQUESTRATION - SUSTEON., USA	<b>2022</b>	TECHNOLOGY ENABLING CENTER DST-PDEU
<b>2021</b>	CENTER FOR CRITICAL THINKING PDEU/IAR/GNLU	<b>2023</b>	CENTRE FOR ENERGY STORAGE V FLOW TECH
<b>2021</b>	CENTER FOR ADDITIVE MANUFACTURING (CAM) - INTECH & MIDHANI	<b>2024</b>	CENTER FOR SEMICONDUCTOR MISSION (Proposed) DST - Gujarat & MICRON,USA



## ATMANIRBHAR BHARAT INITIATIVES

As a true signature to our enlarged institutional vision to create Industry 4.0 Campus we are intensifying energy education by brining manufacturing capabilities / infrastructure to the campus in order to train energy ambassadors for the nation.

- **Solar PV Module Assembly Line (SOPAL)**



PDEU boasts of a 45 MW production line which will produce solar panels. An Ecoprogetti production line is setup to train and skill students from PDEU and other universities of Gujarat. The centre will produce 15 modules / hour in two shifts, each of 8 hours. The centre has laser cutting unit for half cut cells. The machine has bussing with centralized soldering unit for half cut/ twin peak panels. The system integrates a laminator and simulator with Electroluminencetester. PV panel production line is the best starting point for beginners in the solar sector.

- **Advanced Manufacturing Technology Centre**



A CoE which provides exposure of the advanced technologies in the field of Additive Manufacturing and induces an interdisciplinary mindset among the students and faculty. Realising the Aatmanirbhar Bharat vision by developing the capabilities in the manufacturing through Additive Manufacturing for Defence, Aerospace, Medical and Energy Sector. Performing cutting edge research and development in the metal AM domain.

- **Smart Microgrid Solution**



Pandit Deendayal Energy University (PDEU) has successfully deployed Smart Hybrid Microgrid System comprising of grid connected 32 kW solar rooftop system, 5 kW vertical wind turbine generators and 10 kW, 100 kWhr Vanadium Redox Flow Battery (VRFB). The smart hybrid microgrid involves integration of wind and solar energy, the two Renewable Energy Sources (RES), and VRFB. The generated power from RES can be utilized to supply (i) local load (ii) charge VRFB (iii) grid power injection. An intelligent algorithm is developed for VRFB energy storage system



which can effectively maximize the use of RES sources for its charging. In case of unavailability of both RES power generation and grid connection, energy storage system can successfully deliver its stored energy to the local load without any interruption. In this project, charging infrastructure for the 2-wheeler and 4-wheeler is also developed which is energized through VRFB energy storage systems.

- **Biodiesel Pilot Plant (100 L/batch)**



The production of biodiesel at low cost and improvement in physicochemical properties of produced biodiesel are important key areas in biodiesel industry to achieve energy and environmental sustainability targets. In this regards, waste cooking oil (WCO) is among the largest available low cost feedstocks that can be easily collected from restaurants as well as from the food and beverage industry. However, it is particularly challenging to convert WCO containing certain FFA content, trace elements and acid values into biodiesel with high biodiesel yields, good oxidation stability, and favourable cold flow properties. In order to address these major issues WCO can be blended with non-edible plant oils (including castor oil which is locally available in large quantity) as well as imported waste/crude palm oils which improve the physicochemical properties of biodiesel (elementary proof of concept achieved). Besides the raw feedstock, the technology used for biodiesel production plays equally important role in order to get biodiesel with competitive prices.

In collaboration with Shell India the present project is a pilot plant of 100 Litre capacity based on hydrodynamic Cavitation (HC) technique will be installed for a low cost biodiesel production and to improve physicochemical properties. The plant can be operated by a semi-skilled person. HC based reactors are more than five times energy efficient and there is a substantial saving in total reaction time as compared to convention methods. The post processing operations are also simplified and fast. Presently the layout of the plant, component specification, material balance are under progress.

## OFFICE OF DEAN RESEARCH AND DEVELOPMENT (ODRD)

The Office of Dean Research and Development (ODRD) 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 PDEU 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.

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.

The ODRD 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.

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

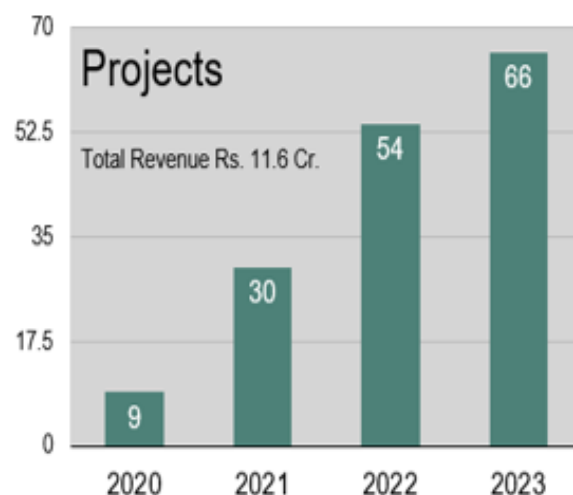
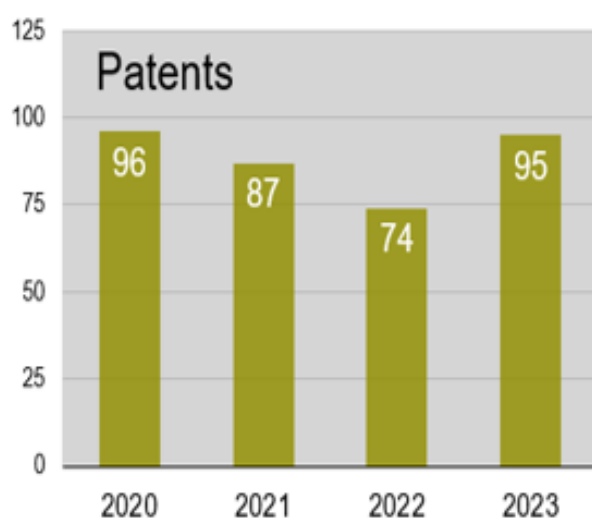
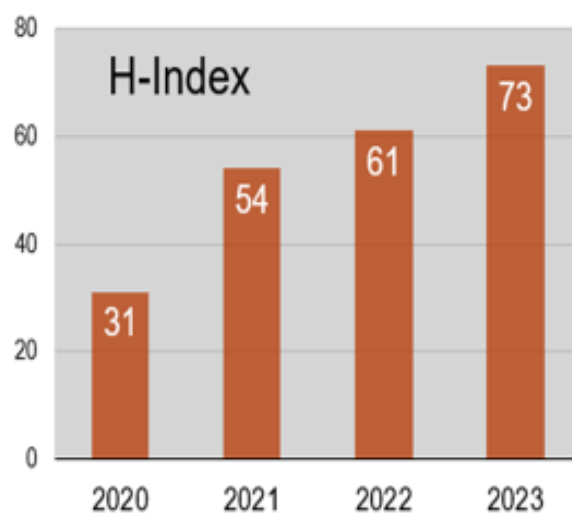
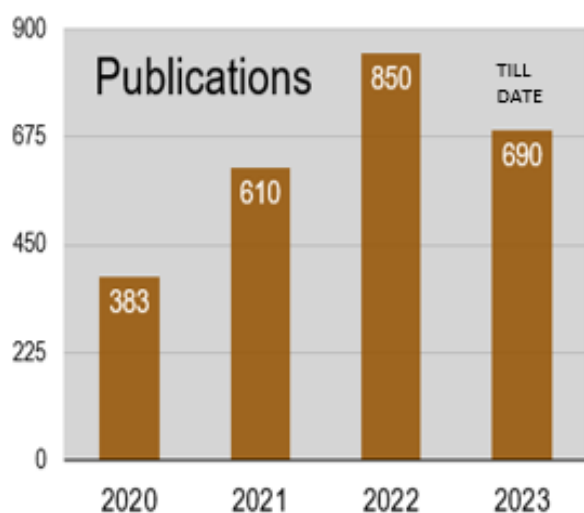
Recognition under 35(1) (ii) of Income Tax Act, SIRO recognition and Concessional GST rate

- i) 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 PDEU will be eligible for a deduction of the amount equal to one and three-fourth times (175%) of the donation/grant received in PDEU 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 PDEU is entitled to avail the custom/ excise duty exemption on the import of equipment, instruments, spares, consumables etc.

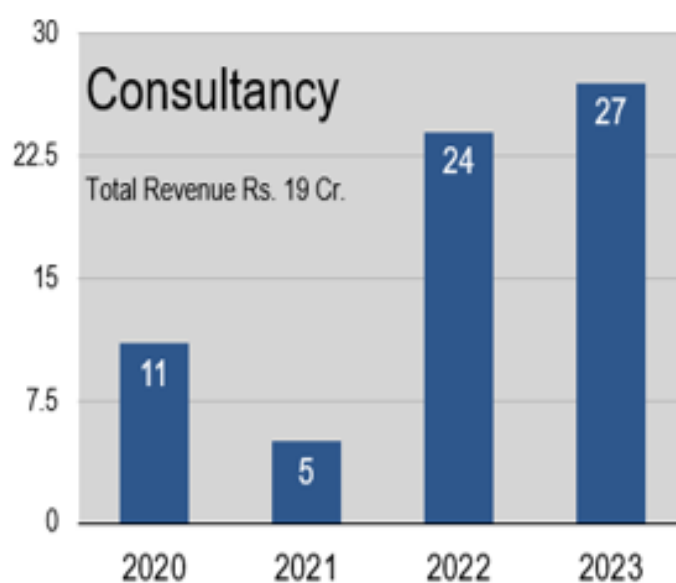
## PUBLICATIONS, PATENTS & PROJECTS



- Ongoing Research Projects (details are in Annexure-1)
- Research Projects Completed (details are in Annexure-2)
- Ph.D. Awarded (details are in Annexure-3)

## FACULTY

School	Professor	Associate Professor	Assistant Professor	Adjunct Faculty/ Professor/Emeritus Professor/ Chair Professor	Total
School of Energy Technology	6	19	66	6	97
School of Liberal Studies	4	11	21	-	36
School of Technology	5	22	100	-	127
School of Management	5	5	3	1	14
Total	20	57	190	7	274



➤ Faculty Recognition (details are in Annexure-4)

## INNOVATION AND INCUBATION CENTRE

PDEU Innovation and Incubation Centre (PDEU IIC), formerly known as PDEU Innovation and Incubation Centre (PDEU IIC) is an incubator at PDEU established in 2014. The Centre was formally established in 2017 u/s 8 of Companies Act, 2013, with a vision to provide state of the art support and service to innovators, technocrats and entrepreneurs who aim to create a social and economic pact in the society through innovative solutions to existing problems. The centre acts complementary to the academic and research activities of the University.

### Statistics:



**2500 +**  
APPLICATION  
RECEIVED



**180 +**  
START-UP  
INCUBATED



**110 +**  
IPR FILED



**30,000 +**  
STUDENT  
SENSITIZED



**20 CR +**  
FUNDING  
RAISED



**100 +**  
TOTAL  
REGISTERED  
COMPANIES



**140 +**  
CRORE  
TOTAL  
VALUATION



**170 +**  
EVENTS  
ORGANIZED

### Recognised as:



NIDHI Technology Business Incubator  
Department of Science and Technology  
Government of India



Nodal Institute  
Government of Gujarat



सत्यमेव जयते



MICRO, SMALL & MEDIUM ENTERPRISES  
सूक्ष्म, लघु एवं मध्यम उद्यम  
OUR STRENGTH • हमारी शक्ति

## Financial Assistance and Sanctions:



NIDHI Technology Business Incubator  
Department of Science and Technology  
Government of India

Financial Assistance of Rs. 587 Lakhs towards recurring & non-recurring expenses for NIDHI Technology Business Incubator, from Dept. of Science & Technology, Govt. of India, against the total sanction of Rs. 1195 Lakhs.

Financial Assistance of Rs. 205 Lakhs under NIDHI Seed Support Program of Dept. of Science & Technology, Govt. of India, against the total sanction of Rs. 410 Lakhs.



Financial Assistance of Rs. 120 Lakhs has been sanctioned under the NIDHI PRAYAS Program for FY 2023-24. Of which Rs. 100 lakhs has been sanctioned for assistance to startups and innovators, for prototype development.



Financial Assistance of Rs. 70.68 Lakhs from Venture Center, Pune for Round 4 & 5 of NIDHI Entrepreneur-in-Residence scheme of Dept. of Science & Technology, Govt. of India, against the total sanction of Rs. 198 Lakhs.



Industries Commissionerate,  
Government of Gujarat

Financial Assistance of Rs. 585 Lakhs to start-ups Incubated at PDEU IIC under Scheme of Assistance to Start-up/Innovation of Govt. of Gujarat till FY 2022-23.



Financial Assistance of Rs. 10 Lakhs under Student Start-up & Innovation Policy 2.0 of Education Dept., Govt. of Gujarat during FY 22-23, against the total sanction of Rs. 100 Lakhs over period of 5 years.



Financial Assistance of Rs. 210 Lakhs under Start-up India Seed Fund Scheme by Dept. of Promotion of Industry and Internal Trade, Govt. of India, against the total sanction of Rs. 525 Lakhs.



## PDEU and PDEU IIC Achievements



PANDIT DEENDAYAL ENERGY UNIVERSITY positioned in the Band of 51-100 in the Innovation Category of NIRF 2023 by Ministry of Education, Govt. of India.



Rated with 4 star in the Institution's Innovation Council ranking 2020-21 under the aegis of the Ministry of Education's Innovation Cell, Government of India.



PDEU IIC has been awarded as the Best Incubation Centre for prominent IP Culture four times, for the year 2021, 2019, 2018 & 2017 by IPPOF.

Moreover, for the 2022, we have been conferred with special recognition for contribution in field of IPR.

## PDEU Innovation and Entrepreneurship Policy

As a way of changing human lives and serving as a catalyst for socio-economic progress, PDEU and PDEU IIC have introduced the "PDEU Innovation and Entrepreneurship Policy," which is in line with the NISP policy, to enable the transition from ideas to market. Six faculty and students led startups have been supported under the policy till date.



## Start-up Achievements



Saltech Design Labs Pvt. Ltd. have achieved significant recognition by winning two prestigious national awards in the category sustainability award/ Green entrepreneur of the year at the TiE National Associate Member Conference held in Goa.



Imagine Powertree Pvt. Ltd. have achieved significant recognition of Best National Startup in Category of Rising Star by winning prestigious national awards at the TiE National Associate Member Conference held in Goa.



Amounnee Handloom Ventures Private Limited won runners up at TiE Woman 2023 Global pitch Ahmedabad Chapter.



Meiro Mobility Private Limited received the award of "Promising Startup of the Year 2022 from INDIAN ACHIEVERS FORUM.



### **About Office of International Relations (OIR), PDEU:**

Pandit Deendayal Energy University (PDEU) established Office of International Relations (OIR) to develop global professionals by providing international educational exchange to university students and to create visibility of university in global educational scenario by collaborating with other reputed institutions and student exchange programs. Various initiatives of OIR were started with an objective to provide international orientation of educational programs and to explore international cooperation in education and research in association with international universities and industry experts.

OIR promotes relationships between foreign universities/institutions and PDEU, and to help define the scope of such relationships through appropriate MoUs. This involves, but is not limited to, interfacing with the appropriate authorities at the collaborating institutions on all matters defined in the scope of the MoUs, establishing and fostering linkages between researchers and experts in various areas, creating awareness about all such MoUs amongst the departments/centers/schools and students of PDEU to ensure their full participation in envisaged programs, etc.

OIR also promotes exchange programs for students and faculty through exchange agreements with partner institutions. OIR also invites embassies and consulates of various countries to increase educational and cultural linkages between organizations in the foreign countries and the institute.

OIR is dedicated to recruiting international students from around the world. OIR team facilitates a seamless application process, offering personalized support and a global network to ensure a smooth transition. By fostering a vibrant and inclusive community, we enrich the academic experience through cultural enrichment, collaboration, and a commitment to global understanding.

OIR provides International Student Services via comprehensive support tailored to the unique requirements of our foreign-national student population. From pre-arrival guidance to cultural integration and academic assistance and bridge course facilitation, OIR creates an inclusive environment that empowers international students to excel in their studies and embrace enriching cross-cultural experiences.

### **OIR-PDEU Mission:**

To develop global professionals by providing international educational exchange to the university students and to create visibility of the university in the global educational scenario by collaborating with other reputed institutes and student exchange programs.

### **Major Objectives of OIR:**

- ✓ To provide international exposure to the students.
- ✓ To develop Study abroad program
- ✓ To develop joint research project with Universities abroad.
- ✓ To create international learning environment by inviting faculties from other international universities.
- ✓ To invite international students to take up long term and short term courses offered at the university.
- ✓ Infrastructure sharing with other international universities.
- ✓ Create a forum for knowledge sharing with other universities

## Major Initiatives related to Internationalization:

### International Exposure Program (IEP):

The University has been facilitating short-term exposure program titled as “International Exposure Program (IEP)” since 2010 with foreign Universities each year. The International Exposure Program is a unique initiative by PDEU. 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.

The main objectives of the international exposure program are to give students an exposure to academic, research, industrial and cultural facets and to prepare them for a dynamic international career. The other objectives are:

- To provide exposure to global technologies in the area of advance research & development.
- To improve communication skills, self-esteem, creativity and leadership ability of students which are key attributes to nurture successful engineers / scientists / business leaders
- To provide an understanding of international business.

The objectives are fulfilled through classroom sessions, laboratory assignments, industrial visits, industry lectures, research orientation workshops and visits to local tourist/cultural sites.

**PDEU has successfully organized 37 such IEPs with foreign partners & given exposure to 890+ students & 59 PDEU Officials since 2010.**

International Exposure Program 2022-23			
School	IEP	Students	PDEU Officials
 	 Curtin University, Dubai	79	7
	 UNIVERSITY OF BIRMINGHAM University of Birmingham, UK	32	2







### **International Students Fraternity:**

The University strives to enhance cultural diversity on campus and value its contribution in the learning experience. The University has become an institution of international repute and resonates with innovation, research, contemporary pedagogy, vibrant campus more than 260+ full-time students from approx. 35+ different countries i.e. Afghanistan, Bangladesh, Bhutan, Cameroon, Ethiopia, Fiji, Ivory Coast, Kenya, Mozambique, Nepal, Philippines, Rwanda, Sri Lanka, Syria, Tanzania, Uganda, Yemen, Zimbabwe, USA, Canada, etc. PDEU also hosted more than 500 international students in the short-term programs like Study in India & AIESEC Inbound programs.





### Semester Exchange & Abroad Program:

**Objective:** Through study abroad/exchange program, enhancing four skill areas of students: The academic/intellectual, The professional, The personal and The inter-cultural; enhancing the academic visibility of individual as well as organization.

Students are getting financial support in terms of US State Department Scholarship or University Scholarship. **Till now, 21 exchange/abroad program has been conducted and total 37 students have been benefitted from this initiative.**

Semester Exchange & Abroad Program FY 2022-23			
Sr. No.	Student	Program	University
1	Rajvi Suthar	B.Tech.	The University of Oklahoma - USA
2	Anuttam Mathur	B.Tech.	The University of Oklahoma - USA
3	Het Shah	BA/BBA	EBS University, Germany



## Travel Grant Initiative:

Travel grant scholarships are provided to the students of the University for International and National paper presentations. Office of International Relations 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 the PDEU students have presented papers in the countries like UK, Spain, Singapore, Malaysia, Dubai, USA, Bahrain, China, Sweden, Oman, Egypt, Canada, Thailand, Sri Lanka, Germany, Austria, Hungary Australia, Morocco, Portugal, Hong Kong and India

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

Sr. No.	Year	No. of Students	Total Value (In Rs.)
1	FY 2011-12	4	₹ 1,85,216.00
2	FY 2012-13	13	₹ 6,16,684.00
3	FY 2013-14	22	₹ 6,26,584.00
4	FY 2014-15	23	₹ 6,35,200.00
5	FY 2015-16	154	₹ 54,74,143.00
6	FY 2016-17	182	₹ 90,08,520.00
7	FY 2017-18	196	₹ 90,44,803.00
8	FY 2018-19	174	₹ 69,25,953.00
9	FY 2019-20	158	₹ 73,33,029.00
10	FY 2020-21	24	₹ 5,59,256.00
11	FY 2021-22	-	-
12	FY 2022-23	97	₹ 16,10,354.00
13	<b>Total</b>	<b>1047</b>	<b>₹ 4,20,19,742.00</b>



## PLACEMENT

### **B. Tech. / M.Tech.**

Continuing its legacy, PDEU delivered excellent campus placement record for A.Y. 2022-23 by securing fantastic job offers for its engineering students. This year numerous students have received job offers from companies which are predominantly from their respective discipline. In fact compared to previous years, PDEU is recorded its highest ever placement numbers this year.

PDEU engineering students have been hired by top companies of India consisting of Central and State PSUs, MNCs and Indian Corporates. More than 130 companies participated in campus placements and some of the prominent recruiters include JP Morgan Chase, Goldman Sachs, ONGC, Oil India, Shell, Halliburton, Reliance Industries, IBM, Jio, L&T, Honeywell UOP, MG Motors, Aditya Birla Group, Adani Group, JSW Group, Honda Motorcycle & Scooter India, Hindustan Unilever, Analog Devices, Berger Paints, Torrent Group, Alstom, Tata Power, Nayara Energy, HLS Asia, JSW Group, Publicis Sapient, Adani Wilmar, Capgemini, TCS, Tata AutoComp and Cognizant.

Some of the highlights are mentioned below:

- ✓ Highest CTC of Rs. 38.00 LPA was offered by JP Morgan Chase to 4 students from Computer Engineering.
- ✓ CTC of Rs. 23.61 LPA was offered by ONGC to 7 students from Petroleum Engineering. This was the highest ever CTC offered in Petroleum Engineering.

### **M. B. A.**

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

- The highest offer of Rs. 21.00 Lakhs Per Annum offered to MBA Students.
- New Recruiters like AG&P Pratham, Astron Group, Avaada Energy, Kotak Mahindra Bank, Maruti Techlabs, Mitsui O.S.K Lines, Volvo Eicher Commercial Vehicles to name a few were the part of the recruitment process.

Some other noteworthy companies that recruited include Accenture, Infosys, Reliance BP Mobility, ICICI Bank, Adani Group.

### **Liberal Studies**

The Faculty of Liberal Studies maintained its excellent track record of securing placement for its students in companies as well as higher education in India and abroad in the Academic Year 2022-23. Continuing with past track record, this year a number of students have received admission offers from national & international universities. Admission offers have been received from Hartford University, University of Maryland, West London University, London Film Academy, Boston University, Columbia University, University of Texas at Dallas, Purdue University, University of Illinois, Graduate Institute of Geneva, Cranfield University, Stevens Institute of



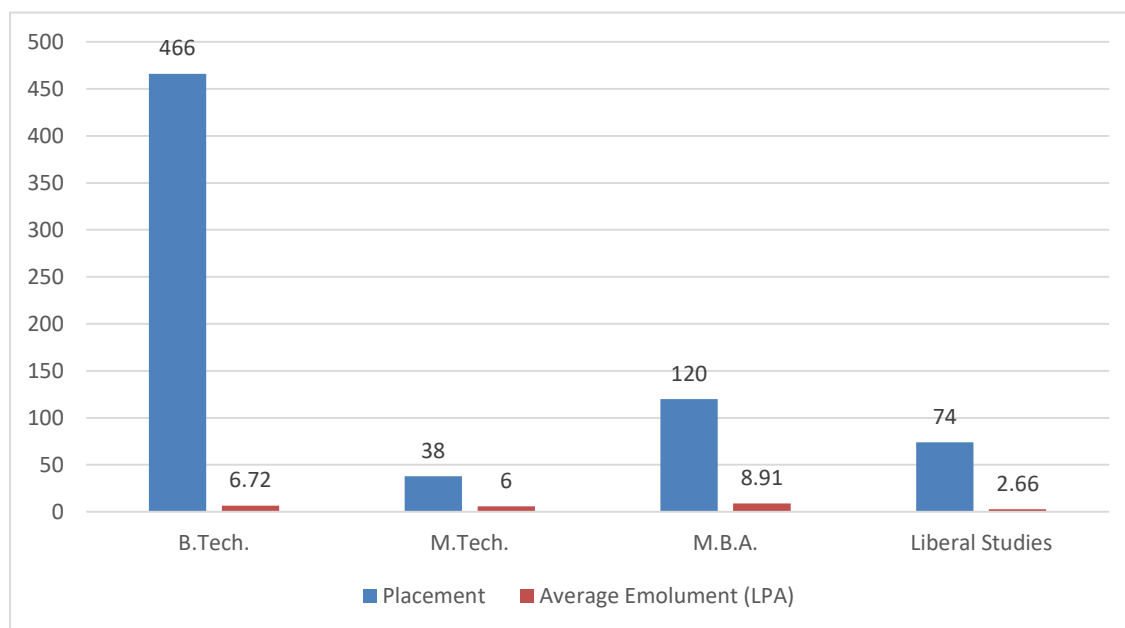
Technology, University of Minnesota, University of Amsterdam, New York University, Bath University, etc. Within India, students have received admission offers from premier institutions including IIT Kanpur, IIMs, IBS Hyderabad, TISS Mumbai, SP Jain School of Global Management and received job offers from companies which are predominantly from their respective discipline.

Apart from the listed placements, offers for placement were also open at:

Zomato, Faber Infinite Consulting, Team BST, Decathlon, VasyERP Solutions, Private Limited, TCS, Study in UK, YUVA Unstoppable, Arvind Smartspaces Limited, Hindustan Unilever, Axis Bank Limited, BECAUSE, Shivansh Outsourcing, Quicko, Gujarat Terce Laboratories, Federal Bank, Shoppers Stop Limited, Bigly Agro Private Limited, Rudra Alliance, Decent Manpower, We Bond, Hike Education, KPMG, Harsha Engineers Private Limited, Synnex Group, Motilal Oswal Financial Services, ETS India Resource Centre, AIM India, Uma Developers, Maruti TechLabs Private Limited, Alpha E Barcode Solutions, Aerocraft Engineering Private Limited, Pacific Group of Companies, Aiden Consultancy and Services, Advertigers, Coussouq, Airtel, Gujarat Friend, ShipTurtle, Swastika Media, Viva events, Tenhard Private Limited, Banesto Products Private Limited, Wider Globe, Virgit Shopping Solution, Ahmedabad Juniors Private Limited, MagnikIndia Private Limited, KOTRA, Open Wings Foundation, Meri City, IIFL Securities, etc.

Internship offers were received from a number of companies such as: Motilal Oswal Financial Services, Zeilhoch, ACS, The Leading Solutions, Dabur India Limited, Bank of America, AIM India, Young Turtle LLP, Agile Capital Services, Gujarat Terce Laboratories Ltd., Aditya Birla Sun Life, Tenhard India, UAS International Group of Companies, Imagicaaworld Entertainment Ltd., Open Wings Foundation, etc.

	B.Tech.	M.Tech.	M.B.A.	Liberal Studies
Placement	466	38	120	74
Average Emolument (LPA)	6.72	6	8.91	2.66





## ACADEMIC RELATED ACHIEVEMENTS

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- Experts' Lectures (details are in Annexure – 5)
- Students' Achievements (details are in Annexure – 6)
- Paper Presentations by Students at International / National Conferences (details are in Annexure – 7)
- Conferences / Workshops / Seminars / Conclaves (details are in Annexure – 8)
- Visitors (details are in Annexure – 9)

## INFRASTRUCTURE


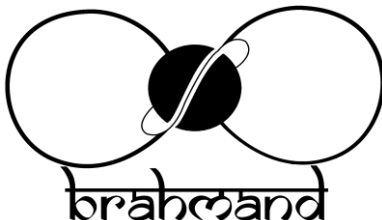




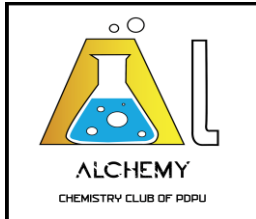








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### Infrastructural Facility Details: -

- 98.15 Acre Green Campus
- Wi-Fi Enabled Campus (2.3 GBPS)
- Solar rooftop installed for power generation and utilization
- 21 Buildings, 73 Lecture Halls, 80+ Laboratories
- Three virtually connected libraries with 910.46. sq.mt. space
- Furnished Hostel rooms with the capacity of more than 2600 students
- 3 Sanitized Gym, Indoor & Outdoor sports facility
- 4 Dining Halls with 2000 seating Capacity & Food Courts within premises
- 100% Safe with Security Guards, CCTV Cameras, Fire Alarms, etc.
- All basic necessities available within arm's length
- Doctor available on call
- 24\*7 First Aid Facility



## STUDENTS' CLUBS

<p>Aatmann Psychological club</p> 	<p>Brahmand Astronomy Club</p> 	<p>DebSoc Debate club</p> 
<p>Ajia Bunker Korean &amp; Japanese club</p> 	<p>BullsandBears Finance club</p> 	<p>Encode Computer Science Club</p> 
<p>Alchemy Chemistry club</p> 	<p>Cretus Robotics and Automation Club</p> 	<p>Envirofreaks Environmental Club</p> 
<p>Anirveda TechnoEconomics Club</p> 	<p>Cube-i-Cult Cubing club</p> 	<p>Jharokha Literature Club</p> 
<p>Avionics Aero Modelling club</p> 	<p>Daastan Dramatics Club</p> 	<p>Malang Dance club</p> 

<p>Mind~Ripple Quizzing club</p> 	<p>Punnerva Yoga Club</p> 	<p>Society of Mathematics Mathematics club</p> 
<p>Mithak Shastra Mythology and Folklore Club</p> 	<p>Respawn E-Gaming club</p> 	<p>Symmetry Graphic Design club</p> 
<p>Nucleus Physics Club</p> 	<p>Rotaract Social Awareness club</p> 	<p>The Network Professional Club</p> 
<p>Offbeat Music Club</p> 	<p>Synergy Entrepreneurship Club</p> 	<p>Tattvam Sanskrit Club</p> 
<p>Panache Fashion and Styling Club</p> 	<p>Sorriso Photography Club</p> 	<p>VGA Film-Making club</p> 



<p>Apogee3 The Aerospace Society</p> 	<p>Spic Macay India Culture club</p> 	<p>Zaayka Food &amp; Cuisine club</p> 
<p>Rang Fine Arts Club</p> 	<p>STEP UP Fitness club</p> 	<p>Civiqueniti Public Policy and Administration Club</p> 
<p>Grow Savoir Faire Club</p> 	<p>The Inspired Room Interior Designing Club</p> 	<p>The Medium Media Club</p> 

## 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, Thesis & Dissertations, 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 KOHA library management system. KOHA 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. PDEU library also subscribes online databases such as SCOPUS, Web of Science, ELSEVIER Science Direct, IEEE Explorer, EBSCO: Business Source Premier, Emerald Insight, CMIE-Prowess IQ, CMIE-Economic Outlook, Capitaline.com, One Petro: SPE e-library, American Chemical Society: ACS, American Physical Society: (APS), American Institute of Physics (AIP), Indiatat.com and JSTOR.

Particulars	FoET (SoET & SPT)	SoM	SLS
Books: Number of Titles	11048	14576	11177
Books: Number of Volumes	30115	16466	15398
E-Books	48455	21700	108420
National Journals	88	50	18
International Journals	23	08	01
National E-Journals	1	110	03
International E-Journals	2457	2040	19169
Databases	2	4	4
DVDs/CDs	2561	1145	866
Newspapers	09	10	14
PHD Thesis	131	13	33
Dissertations	459	385	422
Plagiarism Check Software	TURNITIN		

## SPORTS

Fresher's Cup 15<sup>th</sup> to 18<sup>th</sup> October 2022



Energy Cup 2023









## NATIONAL CADET CORPS

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- NCC is one of the elective courses of the curriculum in the UG programmes of the University.
- 50 Boys & 50 Girls students were enrolled during the year under respective battalion.
- Combined Annual Training Camps (CATC) (August 22 to 29, 2022)
- Combined Annual Training Camps (CATC) (December 1 to 8, 2022)
- Combined Annual Training Camps (CATC) (February 22 to 29 2022)
- Combined Annual Training Camps (CATC) (June 25 to July 4 2022)
- B Certificate passed - 11 Girl & 41 Boy Cadets
- C Certificate passed - 05 Girl & 07 Boy Cadets
- Summary of activities:
  - Drill
  - Weapon Training
  - Lecture on Health & Hygiene
  - Lecture on Personality Development
  - Lecture on Field Craft and Battle Craft (Camouflage and Concealment)
  - Social Service and Community Development
  - Firing
  - Weapon Competition, Drill Competition
  - Cultural Program
  - Morning Yoga & Physical Exercise
  - B Certificate Examination
  - C Certificate Examination
  - Celebration of Independence Day on 15th August
  - Celebration of Republic Day on 26th January
  - Tree Plantation Drive
- Achievements:
  - Jahnvi Lalwani - Award for best in Leadership
  - Hiral Vasara - Award for best in Firing
  - Kinjal Sachan - Award for best Anchoring
  - Istuti Maurya - Award for Poster Making
  - Ayushe Nihalani - Award for best in Drill
  - Girijaba Jadav - Award for Anchoring
  - Ridhima Udawat - Award for Poster Making
  - Ridhima Udawat - Award for best in Drill
  - Kushagra Rajpurohit (SUO) - Firing (Third) GJ/21/SDA/107260
  - Ayush Agnihotri (UO) - Debate (First) GI/21/SDA/107254
  - Viraisinh Mahida (LCPL) - Weapon Training (First) GJ/21/SDA/107248
  - Dhruvil Prajapati (CDT) - Drill (Second) G1/21/SDA/107265
  - Ketu Patel (SUO) - Gold in Weapon Handling
  - Madhven Bardiya (UO) - Best Cadet & Gold in Debate





## NSS

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides opportunity to the student youth of 11th & 12th Class of schools at +2 Board level and student youth of Technical Institution, Graduate & Post Graduate at colleges and University level of India to take part in various government led community service activities & programs.

**Aim:** The sole aim of the NSS is to provide hands on experience to young students in delivering community service. Since inception of the NSS in the year 1969, the number of students strength increased from 40,000 to over 3.8 million up to the end of March 2018 students in various college volunteers. At the University, NSS is a two-credit course for the first-year undergraduate students, and about 300 students enroll every year in it.

At the University, NSS is a two-credit course for the first-year undergraduate students, and about 300 students enroll every year in it.

### Glimpses of NSS programs

Blood Donation Camp : 15<sup>th</sup> November 2022



International Yoga Day : 21<sup>st</sup> June 2023





## STUDENTS' ACTIVITIES

Sanvidhan pe Charcha : 15<sup>th</sup> August 2022



Engineer's Day Celebration : 10<sup>th</sup>, 11<sup>th</sup> & 12<sup>th</sup> October 2022





Infographics (Bank fraud awareness) : 15<sup>th</sup> November 2022



ISRO Activities in Space Tech : 27<sup>th</sup> January 2023





Kora Kaagaz : 17<sup>th</sup> February 2023



Jashn - E – Daawat : 7<sup>th</sup> April 2023

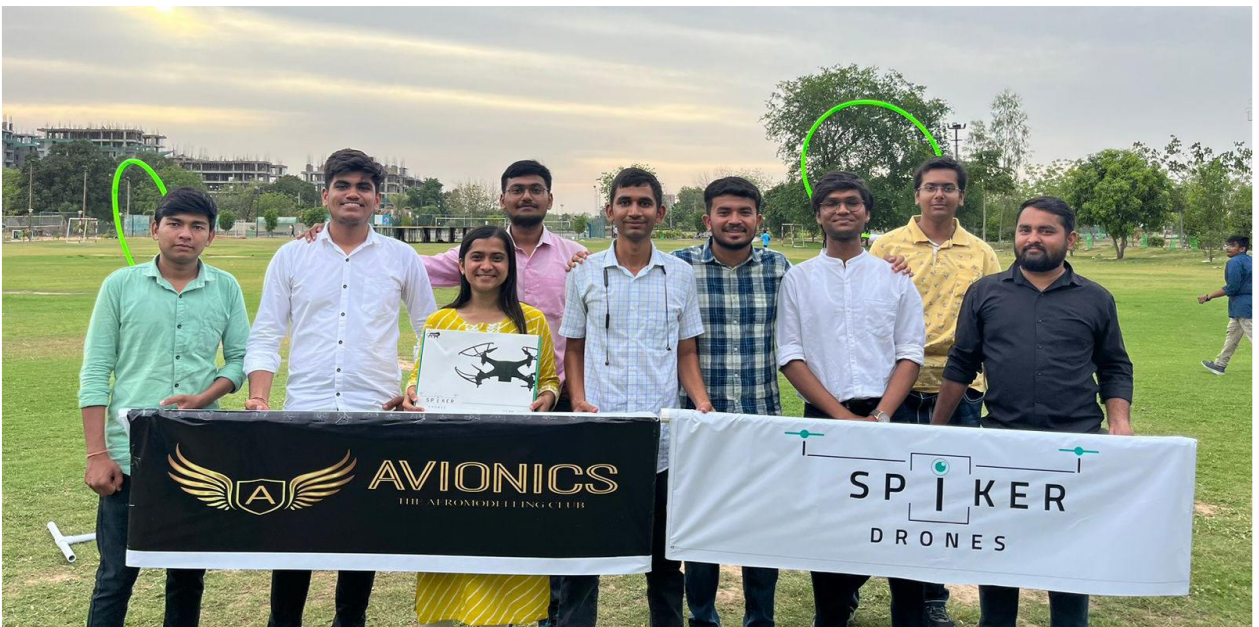




Raag : 13<sup>th</sup> April 2023



Flare Fight : 13<sup>th</sup> April 2023



### Fire and Safty Workshop : 15<sup>th</sup> April 2023



### Flare : 16<sup>th</sup> April 2023





## SOCIAL ACTIVITIES

The University since its inception had vision of building better future for its students and surrounding. Community development of University has seen various programs carried out for community welfare, development & growth. This activities are in line with skill developments, personal growth, social welfare etc. Following is the list of community welfare activities Carried out in 2022-23:

Sr. No.	Name of Event	Event Date
1	Collar for Life	09 August 2022
2	Tribute to the police	16 August 2022
3	Spotlight 4.0	20 October 2022
4	Road safety week	13 November 2022
5	Blood Donation	15 November 2022
6	Being Santa 5.0	30 December 2022
7	Canva & Illustrator Workshop	2 January 2023
8	Rangrezza 3.0	19 January 2023
9	Dil Hai Hindustani	26 January 2023
10	Medical Camp	28 January 2023
11	Charters Day	30 January 2023
12	Self defense workshop	07 February 2023
13	Dhaara: The joint project	13 February 2023
14	Unn Dino Ki Baatein 6.0	14 February 2023
15	Nivaala- Food donation drive	16 February 2023
16	World Rotaract Week	13 March 2023
17	Blood Donation Camp	13 April 2023
18	Fire and Safety Workshop	14 April 2023
19	Parivartan	15 April 2023

Collar for Life



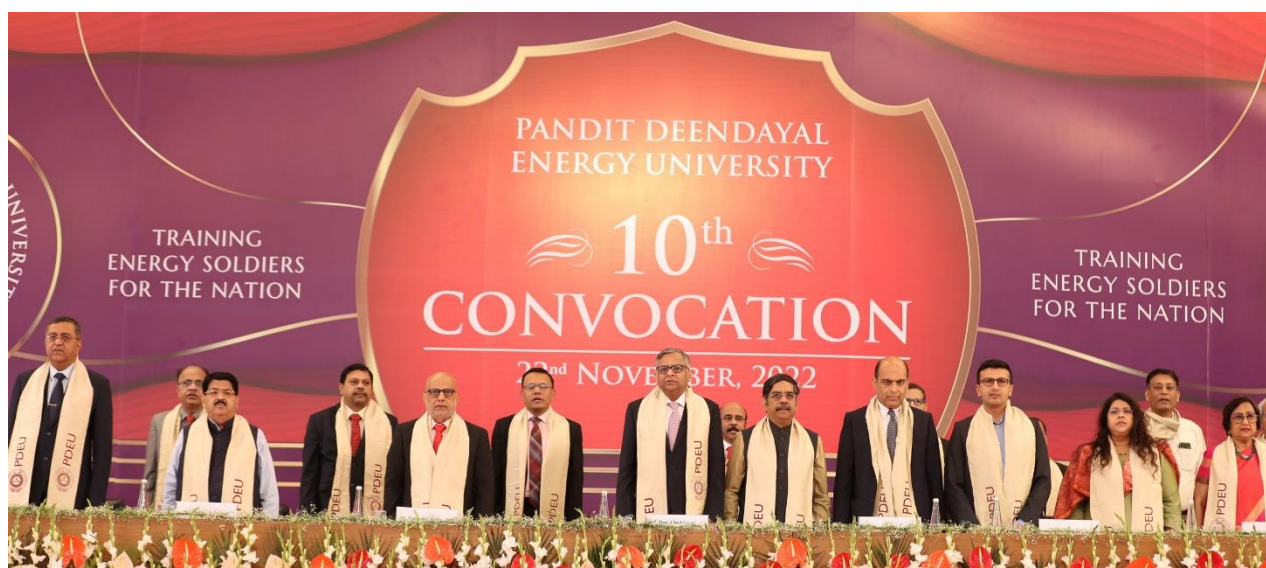
Medical Camp



## SCHOLARSHIPS

Sr. No.	Scholarship / Fellowship	Number of students	Amount in Rs.
1	Merit Scholarship – Full tuition fees waiver	30	35,10,000
2	Merit cum means scholarship – Full tuition fees waiver	29	33,93,000
3	Merit Cum Means scholarship – Half tuition fees waiver	95	1,11,15,000
4	Special Merit Scholarship – 25% tuition fees waiver	57	16,67,250
5	M.Tech Teaching Assitanship	145	11,72,000
6	Ph.D. Fellowship	16	2,55,000
	Total	372	2,11,12,250

## CONVOCATION



Programme-Discipline	No. of pass outs students		
	Male	Female	Total
M.B.A. (E & I)	44	17	61
M.B.A. (General)	37	20	57
PGDM-X / PGDGM-X	4	0	4
B. Tech. (Chem. Engg.)	66	6	72
B. Tech. (Civil Engg.)	104	18	122
B. Tech. (Computer Engg.)	108	35	143
B. Tech. (Elect. Engg.)	96	27	123
B. Tech. (ICT)	103	28	131
B. Tech. (Ind. Engg.)	1	0	1
B. Tech. (Mech. Engg.)	137	7	144
B. Tech. (Petro. Engg.)	110	13	123
M. Tech. (Chemical Engineering)	8	1	9
M. Tech. (Civil Engg. (Infrastructure Engg. & Management))	16	2	18
M. Tech. (Civil Engg. (Transportation Engg.))	10	5	15
M. Tech. (Cyber Security)	8	7	15
M. Tech. (Data Science)	12	5	17
M. Tech. (Electrical Engineering (Power System))	4	2	6
M. Tech. (Energy and Environmental Management)	3	0	3
M. Tech. (Energy System (Focused On Solar Energy))	7	2	9
M. Tech. (Environmental Engineering)	8	5	13
M. Tech. (Mechanical Engineering (Design))	15	0	15
M. Tech. (Mechanical Engineering (Manufacturing Engg.))	15	0	15
M. Tech. (Mechanical Engineering (Thermal Engg.))	4	0	4



M. Tech. (Nuclear Science and Technology)	7	1	8
M. Tech. (Petroleum Engineering)	13	1	14
M. Tech. (Petroleum Technology (Exploration))	6	1	7
M. Sc.	10	4	14
B. Com. (Hons.) + Diploma	79	56	135
Bachelor of Arts (Hons.) + Diploma	14	71	85
Bachelor of Business Administration (Hons.) +Diploma	86	86	172
Bachelor of Science (Hons.) +Diploma	19	16	35
M. A. (Economics)	2	4	6
M. A. (English)	2	2	4
M. A. (Mass Communication)	5	4	9
M. A. (Political Science-International Relations)	5	7	12
M. A. (Psychology)	5	10	15
M. A. (Public Administration)	2	3	5
Ph. D. (SPM)	0	0	0
Ph. D. (SPT)	0	2	2
Ph. D. (SoT)	9	2	11
Ph. D. (SLS)	1	4	5
Total	1185	474	1659

School	UG	PG	Ph.D.	Total
SPM	-	122	0	122
SPT	123	21	2	146
SLS	427	51	5	483
SoT	736	161	11	908
<b>Total</b>	1286	355	18	1659

## EVENTS COVERED BY MEDIA

Sr. No	Name of the Event	Newspaper Name	Date
1.	PDEU Achieved NAAC A <sup>++</sup> Grade	Divya Bhaskar	08/10/2022
2.	PDEUને NAACદ્વારા 'A <sup>++</sup> ' નો સર્વોચ્ચ ગ્રેડ આપવામાં આવ્યો	Sandesh	08/10/2022
3.	India well placed to lead green energy transition, says Natarajan Chandrasekaran (10 <sup>th</sup> Convocation)	The Economics Times	22/11/2022
4.	Mukesh Ambani all praise for Tata Group's N Chandrasekaran (10 <sup>th</sup> Convocation)	The Economics Times	22/11/2022
5.	India to Witness Unprecedented Explosion in Economic Growth, Become \$40 Trillion Economy by 2047: RIL Chairman Mukesh Ambani (10 <sup>th</sup> Convocation)	New18	22/11/2022
6.	'India to be \$40 trillion economy by 2047' (10 <sup>th</sup> Convocation)	The Times of India	23/11/2022
7.	India to see unprecedented explosion in economy: Mukesh Ambani (10 <sup>th</sup> Convocation)	The Indian Express	23/11/2022
8.	Conference on Semiconductors	Sandesh	11/02/2023
9.	Celebration of Science day	Gujarat Samachar	04/03/2023
10.	124 Papers published on Water Management	Divya Bhaskar	15/03/2023
11.	Skill Development workshop for Engineers	Divya Bhaskar	22/03/2023
12.	PDEU student selected in US Army	Divya Bhaskar	03/04/2023
13.	Symposium on Wireless Antenna and Microwave	Divya Bhaskar	01/06/2023

## UPCOMING EVENTS

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- HR Conclave (July 27, 2023)
- Establishment of Weather Station (August 2023)
- Installation of indigenous Bio-diesel plant (August 2023)
- Conformance on Restructuring, Revamping and Rebuilding the Independent India: Reforms in Agriculture, Administrative, Economic And Entrepreneurial Sectors (August 16-17-18, 2023)
- International Conference on ‘Restructuring, Reforming, and Revamping Independent India: Reforms in Agriculture, Administrative, Economic and Entrepreneurial Sectors’ (August 16-18, 2023)
- Business Analytics & Blockchain Conclave (August 24, 2023)
- Finance Conclave (October 12, 2023)
- Event on Documentary Film Festival (November 02, 2023)
- SSIP Regional Hackathon (November 04, 2023)
- TESSERACT 9.0 - Technical Fest (November 03-04-05, 2023)
- Business Management Symposium (November 23, 2023)
- Smart India Hackathon - National Level (November 25, 2023)
- Skill Development Programme “UAV – Drone” (December 01, 2023)
- Conference on Sustainable Energy, Environment and Health Materials (December 8-9, 2023)
- International conference “Computational Modeling and Sustainable Energy” (December 15-17, 2023)
- Skill Development Programme in Bioenergy (December 25-29, 2023)
- Alumni Meet (December 29, 2023)
- Seminar on Switchover and Use of Renewable Energy Sources in Industries (January 09, 2024)
- Seminar on Impact of Micro-plastics on Health and Environment (January 17, 2024)
- 1<sup>st</sup> International Symposium on Battery Technology: Advances and Future Trends (January 19-21, 2024)
- Seminar on Green Hydrogen Technologies (January 23, 2024)
- PDEU Youth Parliament 2024 (January 26-27-28, 2024)
- National Workshop on Open Source RS GIS Tools and Drone Flight Control and Data Analysis (OSRSDF-2024) (February 19-25, 2024)
- ENERGY Cup - Inter College Sports Fest (February 2024)
- FLARE - Cultural Fest (March 2024)
- TEDx - Technology, Entertainment and Design Exchange (March 2024)
- Intracup - Inter Branches Sports Fest (March 2024)
- 3<sup>rd</sup> International Conference on Advances in Water Treatment and Management (ICAWTM-24) (March 1-2, 2024)

## ANNEXURES

### Annexure-1: Ongoing Research Projects

Sr. No.	Name of the Principal Investigator	Title of the Project	Name of the Funding Agency	Duration	Total Cost of Project (in INR)
1	Dr. Anurag Mudgal	Low Cost Renewable Energy Driven Water Treatment Solution Centre	Department of Science & Technology	5 Years	3,71,38,330.00
2	Dr. Anurag Mudgal	Bio-mimetic and phyto-techNologies DesIghed for lowcost purficAtion and recycling of water (India - H2O)	Department of Biotechnolo gy	4 Years & 6 Months	5,07,27,000.00
3	Dr. Manoj Pandey (Co-PI)	Water Innovation Centre : Technology, Research & Education (WICTRE)	Department of Science & Technology	5 Years	41,87,600.00
4	Dr. Anirban Das	Sulphuric acid mediated weathering in the ganga, Yamuna and the Brahmputra (GYB) River Basins : Constraints from Sulfur and Oxygen Isotopes in dissolved Sulphate	Ministry of Earth Sciences	4 Years	41,12,120.00
5	Dr. Swapnil Dharaskar	Structure, Interaction and Process for Energy Efficient CO <sub>2</sub> Separations Using Novel Ionic Liquids Supported Membranes	Department of Science & Technology	4 Years	28,01,832.00
6	Dr. Sukanta Kumar Dash	Integrated Design and Demonstration of Intensified CO <sub>2</sub> Capture with Cost Effective Advanced Process. (INDIA - CO <sub>2</sub> )	Department of Biotechnolo gy	4 Years	62,77,120.00
7	Dr. Uttam Kumar Bhui	Investigation of Sorption Properties of Natural Shale Rock samples for Metal Ions of Nuclear Importance under Different Experimental Conditions	Board of Research in Nuclear Sciences	3 Years & 1 Months	37,39,156.00



8	Dr. S. Sundar Manoharan	NANOSOL: A Multifunctional Advanced Therapeutic Burn Wound Dressing	Ministry of Human Resource Development - STARS	4 Years	49,75,000.00
9	Dr. Poonam Mishra	Modelling of GLOF Conditions to Occur and Modelling of Retreat of Glaciers	Indian Space Research Organization	3 Years	24,84,000.00
10	Dr. Rama Gaur	Studies on Optical, Electrical, Microstructural Properties of MoS <sub>2</sub> , SnS <sub>2</sub> and MoS <sub>2</sub> -SnS <sub>2</sub> Hybrid Nanostructured Thin Films for Solar Cell Applications	Science and Engineering Research Board	3 Years	8,25,000.00
11	Dr. Nitin Chaudhari	Development of Mxene-Transition Metal Compound Sulphide and Phosphide Hetro Nanstructures as Electrocatalysts for Overall Water Splitting	Department of Science & Technology	3 Years	36,73,828.00
12	Dr. Ramesh Kumar Guduru	Electrostatic Spray and CVD Based Textured and Solid Lubricated cBN - TiAlN - Graphene Coatings for Cutting Tools	Science and Engineering Research Board	3 Years	43,60,400.00
13	Dr. Niragi Dave	Investigation on the use of Submicron/ Nano scale Powder Waste from Industries (Ceramic Tiles Waste and Bottom Ash) as a Cement Replacement for Concrete/Construction Applications	Gujarat Council on Science and Technology	3 Years	24,71,920.00
14	Dr. Ankur Solanki	Development of Low Cost and Flexible Memristor Devices for High Density Data Storage and Neuromorphic Applications	Science and Engineering Research Board	3 Years	71,24,832.00
15	Dr. Pankaj Yadav	Mechano-chemical Synthesis of low cost and efficient Perovskite Solar cells	Gujarat Council on Science and Technology	3 Years	34,35,520.00

16	Dr. Vaibhav Shah	A Semeantic-Analytical Study	Indian Council of Philosophic al Research	3 Years	5,00,000.00
17	Dr. Nitin Chaudhari	Engineering Hierarchical Transition Metal Dichalcogenides-MXene Nanostructured Materials for Energy Storage and Conversion Devices	Pandit Deendayal Energy University	2 Years	10,32,000.00
18	Dr. Manoj Kumar Pandey	Improving the stability of Perovskite Solar Cells (>1000 Hrs)	Department of Science & Technology	3 Years	37,27,196.00
19	Dr. Pavan Kumar Gurralla	3D printing of organic-inorganic composite scintillation detectors	Board of Research in Nuclear Sciences	2 Years & 4 Months	30,56,754.00
20	Dr. Anu Manhas	A hybrid structure-based modelling technique in exploring the effectiveness of natural compounds against the potential anticancer druggable target cyclin-dependent kinase protein	Science and Engineering Research Board	3 Years	8,25,000.00
21	Dr. Amitava Choudhury	Design and Development of a software tool for Digitization and Investigation of Microstructure of Materials using Computer Vision and Machine Learning	Science and Engineering Research Board	3 Years	8,25,000.00
22	Dr. Tapan Kumar Pal	Detection of Biomarkers through Nanoscale Metal-Organic Frameworks (MOFs)	Science and Engineering Research Board	3 Years	8,25,000.00
23	Dr. Pankaj Kumar Yadav	Development of Transparent Perovskite Devices for Building Integrated Photovoltaics (TRADE)	Science and Engineering Research Board	5 Years	41,04,000.00
24	Dr. Nitin Chaudhari	Development of MXene-Hierarchical Transition Metal Sulfide Hybrid Nanostructures as Electrocatalysts for Overall Water Splitting	Central Power Research Institute	2 Years	44,08,000.00

25	Dr. Sriram Divi	Penetration of Digital Transactions in Rural India: Policies, Progress, Perceptions, Participation - A Study of Gujarat and Rajasthan	Mahatma Gandhi National Council of Rural Education	1 Year & 9 Months	7,27,100.00
26	Dr. Payal Chaudhari	Developing a Privacy Preserving Framework for securing Organizational Data Publication	Gujarat Council on Science and Technology	3 Years	42,29,200.00
27	Dr. Rutvij Jhaveri	Smart Ecosystem to Facilitate Elderly People in Ambient Assisted Living Environment	Gujarat Council on Science and Technology	3 Years	19,03,200.00
28	Dr. Rajesh Patel	Design and Development of Hybrid Battery Thermal Management System for Electric Vehicles (EVs) using Phase Change Material	Gujarat Council on Science and Technology	3 Years	27,05,000.00
29	Dr. Indrajit Mukhopadhyay	Electrochemical synthesis of shape controlled nanostructured Te from ionic liquid medium for non-enzymatic electrochemical H <sub>2</sub> O <sub>2</sub> sensor	Gujarat Council on Science and Technology	3 Years	17,73,200.00
30	Dr. Ankur Solanki	Hybrid Perovskite based Flexible memristor on Paper Substrate for data Storage and Neuromorphic Computing	Gujarat Council on Science and Technology	3 Years	37,33,200.00
31	Dr. Venkat Ram Reddy	A Study on intelligent Transport Management System: ICT Enabled Solution to Urban Transport Policy under Ahmedabad Smart City Mission	Indian Council of Social Science Research	1 Year & 6 Months	3,67,500.00
32	Dr. Venkata Krishnan	Interregionalism in the Indian Ocean Region	Indian Council of Social Science Research	2 Years	5,77,500.00
33	Prof. Anirbid Sircar	Technology Enabling Centre: Energy, Health and Water	Department of Science & Technology	5 Years	3,36,44,400.00
34	Dr. Amit Verma	Production of Shale Gas Using Supercritical Carbon Dioxide Fracturing in Shale Reservoir	Science and Engineering Research Board	2 Years	31,15,560.00

35	Dr. Prakash Chandra	Synthesis and Applications of Thermally Expandable Microspheres (TEM)	Microspheres (India)	2 Years	5,50,000.00
36	Dr. Vivek Ramalingam	Experimental and Numerical Investigations on Natural Gas Production from Gas Hydrate Bearing Sediments in KG Basin	Science and Engineering Research Board	3 Years	8,25,000.00
37	Dr. Anirbid Sircar Dr. Bhawanisingh Desai Dr. Uttam Bhui	Research Project on Geoscientific Data Analysis of Kutch-Saurashtra Basins	Directorate General of Hydrocarbons	1 Year	18,00,000.00
38	Dr. Hargeet Kaur	Using quantum games for quantum communications and computations	Science and Engineering Research Board	3 Years	8,25,000.00
39	Dr. Bhasha Vachharajani	Spatio-temporal variations of sea ice and its environs over the polar regions using Oceansat-3 data	Indian Space Research Organization	2 Years	20,88,000.00
40	Dr. Debasis Sarkar	Development of Prototype for Integrated IoT-BIM-Cloud Block chain Model for Construction Projects	EI Technologies Pvt. Ltd.	3 Years	5,90,000.00
41	Dr. Kalisadhan Mukherjee	Towards development of non-enzymatic cost-effective working electrode and strip sensor for detection of phenolic contaminants present in water	Science and Engineering Research Board	3 Years	44,03,696.00
42	Dr. Swapnil Dharaskar	Carbon Dioxide into Methanol Conversion	L & T Technology Services Limited	2 Years	44,00,000.00
43	Dr. Prakash Chandra	Master Batch Preparation Containing Un Expanded Microspheres	Microspheres (India)	1 Year & 6 Months	2,75,000.00
44	Dr. Abhishek Kumar Gupta	Amphiphilic Thermoresponsive Block-copolymer Hydrogels and their Interactions with Carboxymethyl Cellulose for Efficient Ocular Drug Delivery Applications	Science and Engineering Research Board	3 Years	8,25,000.00



45	Ms. Naznin Mohammed Usman Shaikh	Developing Metal Alloys and their Hybrid Heterostructures as an Efficient Energy Conversion Materials	Department of Science & Technology	3 Years	23,67,705.00
46	Ms. Mrunalini Rana	Performance Evaluation of 1D and 2D Hydrodynamic Model With Different Topographic Resolution For Strengthening a Decision Making Of Urban Flood Hazard Mapping A Case Application Of UAV, Hydrodynamic Modelling And ML Techniques.	Department of Science & Technology	3 Years	23,85,100.00
47	Dr. Rajib Bandyopadhyay	FIST Chemical Sciences Level B C or D - Project	Department of Science & Technology	5 Years	3,58,00,000.00
48	Dr. Sanjay Kumar Pradhan	India and International Solar Alliance: Exploring Scope and Opportunities for Cooperation and Investment in the Solar Energy Sector of Tanzania	Indian Council of Social Science Research	2 Years	7,52,500.00
49	Dr. Abhijit Ray	Development of visible light sensitive inexpensive thin film photocatalysts for removal of heavy metal ions drinking water	Gujarat Council on Science and Technology	3 Years	17,23,200.00
50	Dr. Ashish Unnarkat	Novel Nano-Materials Derived from Waste and its Applications in Improving Rheological Properties of Bitumen.	Gujarat Council on Science and Technology	3 Years	23,63,200.00
51	Dr. Md. Aurangzeb	Advance Control for Regulatory and Servo Problems of Three Improvements in Divided Wall Column: Heat Integration, Azeotropic Separation and Reactive Distillation	Gujarat Council on Science and Technology	2 Years	12,96,000.00

52	Dr. Manoj Sahni	Experimental and Numerical investigation of Functionally Graded Engineering Components due to Thermal Mismatch and Young's Modulus	Gujarat Council on Science and Technology	2 Years	9,04,000.00
53	Dr. Vishvesh Badheka	Comparison of Mechanical and Metallurgical Properties of Similar and Dissimilar Weld Joints of RAFMs and 316LN Using Solid State and Fusion Welding Processes.	Science and Engineering Research Board	3 Years	8,25,000.00
54	Dr. Ritu Sharma	Science Learning Attitudes in Children across India and United States	University of Louisville, Kentucky	4 Months	USD350.00 (Rs. 28616.00)
55	Mr. Milap Pandya Dr. Nirav Patel	Application of Friction stir Channelling (FSC) process to manufacture cold plate for power electronics cooling	The Institution of Engineers (India)	1 Year	1,00,000.00
56	Mr. Vatsal Vaghasia Dr. Jay Vora Dr. Rakesh Chaudhari	Investigations on Fabrication of PEEK-NITI Hybrid Implants for Bio-Medical Application via Additive Manufacturing Route	The Institution of Engineers (India)	1 Year	76,000.00
57	Mr. Yash Patel Dr. Indrajit Mukhopadhyay	Inspire Fellowship	Department of Science & Technology	2 Years	8,43,520.00
58	Mr. Snehangshu Paine, Ms. Bhooma Bhagat, Ms. Mehul Darji & Dr. Kalisadhan Mukherjee	Amine Intercalated Mxene on Activated Alumina Support for Direct CO <sub>2</sub> Adsorption	Tata Steel Limited, India	6 Months	65,683.00

59	Dr. Rohit Srivastava	Design and Development of Advance Catalyst for Green Hydrogen Production and CO2 reduction	Shell Energy India Private Limited	3 Years	2,45,19,000.00
60	Dr. Ramesh K. Guduru	Development of scalable Coastal Energy Plants (CEP) with Aluminum Scrap and Seawater for Production of Hydrogen, Electricity and Aluminum Hydroxide	Shell Energy India Private Limited	3 Years	
61	Dr. Achinta Bera	Development of CO2 Injection Strategy for Enhanced Oil Recovery and Sequestration in Indian Oil Fields	Shell Energy India Private Limited	3 Years	
62	Dr. Ramesh K. Guduru	Atmospheric CO2 Capture and Its Efficient Utilization in Production of Value Added Products: Electricity, Hydrogen and Bicarbonate Salts via Aqueous Electrolyte Media	Shell Energy India Private Limited	3 Years	
63	Dr. Suredra Singh Kachhwaha	(a) Energy efficient Biodiesel production technology at industrial scale (b) improvement in yield and quality (fuel properties) of biodiesel	Shell Energy India Private Limited	3 Years	
64	Dr. R. K. Vij	Digital twin for oil & gas pipeline monitoring and risk analysis	Shell Energy India Private Limited	3 Years	
Total					30,10,15,072.00

## Annexure-2: Research Projects completed

Sr. No.	Name of the Principal Investigator	Title of the Project	Name of the Funding Agency	Duration	Total Cost of Project (in INR)
1	Dr. Kalisadhan Mukherjee	Towards the Development of facilities for Studying the (a) Volatile organic Sensuing Characteristics of Chemirresistive samples and (b) defluoridation performances of chemically modified ceramic adsorbants	Pandit Deendayal Energy University	3 Years & 10 Months	10,00,000.00
2	Ms. Nibedita Pani	Treatment of ammoniacal nitrogen from industrial wastewater in a combine electrochemical and biological process	Department of Science & Technology	4 Years	20,95,000.00
3	Dr. Anurag Kandya	Moving Towards Hygienized Organic Manure Using Gamma Radiation	Board of Research in Nuclear Sciences	4 Years & 3 Months	44,65,410.00
4	Dr. Ritu Sharma	Recuritment discrimination against older workers in India: The case of accounting assistants	Edith Cowan University	3 Years	3,93,705.00
5	Dr. Anurag Kandya	Urban Air Quality Assessment using Remote Sensing and GIS	Indian Space Research Organization	3 Years & 3 Months	43,57,000.00
6	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	3 Years & 6 Months	37,98,953.00



7	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	3 Years & 5 Months	37,59,000.00
8	Dr. Achinta Bera	Application of Ionic liquids as Alternatives for Surfactant for Enhanced Oil recovery	Pandit Deendayal Energy University	1 Year	2,50,000.00
9	Dr. Pankaj Yadav	Mechanosynthesis of Stable and Efficient 2DPervoskite Solar Cells	Department of Science & Technology	3 Years	53,53,690.00
10	Dr. Ankur Solanki	Hybrid mixed-dimensioal perovskite memristor on flexible substrate for non-volatile memory application	Pandit Deendayal Energy University	3 Years	10,00,000.00
11	Dr. Anup Kumar V. Sanchela	To develop homemade thermopower and resistivity measurement setup	Pandit Deendayal Energy University	2 Years & 3 Months	10,00,000.00
12	Dr. Bhasha Vachharajani	High Resolution relocatable regional circulation forecasting system	Indian Space Research Organization	1 Years & 5 Months	13,18,848.00
13	Dr. Sukanta Kumar Dash	Performance study of Susteon CO2 capture solvent in a 1 TPD RPB pilot plant with simulatedflue gas from ship exhaust to develop large-scale CO2 capture Technology	Susteon Inc.	1 Year & 1 Month	28,60,000.00
<b>Total</b>					<b>316,516,06.00</b>

### Annexure-3: Ph.D. Awarded

Sr. No.	Scholars	Title of Thesis
1.	Rincy Anto	Chemical Characterization of Crude Oil at Molecular Level and Its Applications
2.	Namrata Bist	Integrated Solar & Geothermal Setup for low enthalpy geothermal reservoir
3.	Solanki Miteshkumar Balavantbhai	Experimental and Theoretical Study of Non-Linear Optical Material Crystals
4.	Komal Desai	Production of Ultra-Low Sulfur Fuel/Oil Using an Ionic Liquid with Ultrasound-Assisted Extractive/Oxidative Desulfurization Process
5.	Vyas Hardik Dineshbhai	Investigation on Friction Welding of Pipes for Dissimilar Metals
6.	Patel Ravikumar Pravinkumar	Techno-economic Feasibility of Harnessing Offshore Wind, Wave and Combined Offshore Wind-Wave Energy in the Indian Exclusive Economic Zone
7.	Rahul Vitthal Deharkar	Mathematical modelling, design, fabrication and analysis of a detachable shell vertical tube evaporator for novel small scale multi-effect distillation system
8.	Shah Maulin Rajeshbhai	An Empirical study on start up financing for entrepreneurs in India: A study in context of selected sectors
9.	Manglani Anjali Dhaluram	Feasibility Analysis of Green Marketing Practices in Indian FMCG Market: An Empirical Study on Selected Indian Companies
10.	Pandya Jalaja Bhadreshkumar	Quantum Chemical Investigation of Cucurbituril for Drug Delivery and Biosensing Applications
11.	Devanshi Nrupeshbhai Shah	Paradiplomacy in India: The State Governments as Actors in Foreign Policy
12.	Parikh Meghna Manoharbhai	Solution of Differential Equation in Some Uncertain Environment Using Fuzzy Numbers
13.	Raghavendra Somabhai Darji	Development of Hot Wire GTAW process for copper
14.	Ali Abed Alhamid Moulhim	Nonequilibrium Diagrammatic Technique for Analyzing the Electron Transport in Nanoelectronic Devices
15.	Venkata Pavan Kumar T	Protection of Microgrids: Problems & Solutions
16.	Bapat Hirakraj Tarunkumar	Risk Based Integrated Project Delivery and BIM Model for Sustainable Transportation Infrastructure Project
17.	Harwani Divya Nareshbhai	A Study of Capital Structure and Profitability in Indian Telecommunication Sector
18.	Aparna Makode	An Empirical Study on the Perception of Investors on Selected Financial Instruments for Three- Tier Goals with Special Reference to Gujarat Region
19.	Dave Vipulkumar Kantilal	Diagnosis of Bearing Fault Using Signal Processing Techniques and Artificial Intelligence Techniques

Sr. No.	Scholars	Title of Thesis
20.	Thanki Radhika Sanjay	Stress, Coping Mechanism and Spirituality at Workplace
21.	Rajput Pruthvish Rajesh	Advanced Urban Public Transportation System
22.	Parita Rajiv Oza	Computer-Aided Diagnosis of Breast Cancer Using Deep Learning
23.	Bhasuru Abhinaya Srinivas	Assessment of Offshore Wind Energy Potential Along the Indian EEZ Region and its Susceptibility to Climate Change
24.	Trivedi Achyut Virendrabhai	Studies on the Effect of Temperature on Part Manufactured by Fused Deposition Modeling (FDM)
25.	Somanand Saraswati	Text and Image: An Exploration of Identities in Select Indian Graphic Novels
26.	Bhatt Jignesh Gaurangbhai	Reliability Enhancement of Smart Grid Communication Technologies Using Instrumentation Telemetry Concepts
27.	Mehta Amitkumar Anilkumar	Business Challenges and Opportunities in Affordable Housing in India - Identify and Analyze Critical Factors in Consumer Decision Making Process in Gujarat State
28.	Deepika M Harwani	Effect of Friction Stir Processing on Superplasticity of AZ31 Magnesium Alloy

## Annexure-4: Faculty Recognition

- Dr. Alok Jain - Granted design patent titled 'Electricity transmission tower inspection fixture' on 24/04/2023
- Dr. Amit was awarded Best Paper Award (Poster Presentation) in International Conference on Sustainable Energy and Clean Technology (ICSECT-22)
- Dr. Anilkumar Markana received Best Paper Award at an International Conference on Sustainable Energy and Clean Technology (ICSECT) organised by PDEU on Sept 2022
- Dr. Kaibalya Prasad Panda got a position in World's top 2% of Researchers [Category: Electrical Electronics Engineering, Sub-Category: Energy], Stanford University list in October 2022
- Dr. Leena Santosh completed her Post-Doctoral Fellowship (April, 2022 to Mar, 2023) at Technion – Israel Institute of Technology, Haifa, Israel.
- Dr. Vipin Shukla received Editor's Award Social Impact: "Data analytics strategies for assessing pollution spread using sensor data by IEEE Smart Cities in 14 June 2023.
- Dr. Pankaj Yadav is appointed as a Youth Editorial Board Member of Journal of Energy Chemistry during January 2023.
- Prof. Indrajit Mukhopadhyay has delivered a talk as invited Lecturer at CSIR CSMCRI Skill Development Event held on 12/04/2023.
- Dr. Anu Manhas
  - i) Received Best Poster Presentation, Third Faculty Research Symposium, organized by the Office of Research, development and Consultancy with IQAC, PDEU, Feb 2023
  - ii) Received First Prize Winner in poster making competition on the theme "DigitALL: Innovation and technology for gender equality" (organized by Women's Cell, Pandit Deendayal Energy University), March 2023.
- Dr. Rajat Saxena got 3rd price in the National Conference organized by IOCL-PDEU, PDEU Gandhinagar.
- Dr. Swapnil Dharaskar:
  - i) Listed in the World Scientist Index 2022.
  - ii) Got recognition from American Chemical Society, USA for his Valuable contributions and commitment in high quality research standards
  - iii) Invited as Keynote Speaker during the International Conference on Emerging Materials for Sustainable Energy & Environment (EMSEE-2022), Sunway University Malaysia.
- Dr. Ravi Tejasvi secured Best Poster Award International Conference on Sustainable Energy and Clean Technologies (ICSECT-2022) (2nd – 4th September, 2022), PDEU, Gandhinagar.
- Dr. Manan Shah,
  - i) Listed in the World Scientist Index 2022.
  - ii) Got recognition from Elsevier in regards with TOP citable paper.



- Dr. S. K. Dash elected as Member on Climate Change & Biofuels from Department of Biotechnology, DBT, New Delhi, India
- Dr. Rajat Saxena, got project on “Design and Development of Hybrid Battery Thermal Management System for Electric Vehicles (EVs) using Phase Change Material”
- Dr. Ashish Unnarkat, got project on “Novel Nanomaterials Derived from Waste and its Application in improving Rheological Properties of Bitumen” Dr. Anu Manhas:
- Dr. Shakti Mishra of the Computer Science and Engineering Department received the Best Research Paper Award at the 11<sup>th</sup> International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2023) April 11 - 12, 2023 Cardiff University, U.K., April 2023.
- Dr. Yogesh Kumar, Computer Science and Engineering Department, was awarded first place in the Third Faculty Research Review Symposium at PDEU in March 2023.
- Dr. Rajeev Gupta, Assistant Professor, Computer Science and Engineering Department, was awarded first place in the 3rd Faculty Research Review Symposium at PDEU in March 2023.
- Dr. Sameer Patel, Computer Science and Engineering Department, was awarded third place in the Third Faculty Research Review Symposium at PDEU in March 2023.
- Dr. Aditya S., Dr. Ketan S., and Dr. Manish P., Computer Science and Engineering Department, were awarded third place in the Third Faculty Research Review Symposium at PDEU in March 2023.
- Dr. Hiren Kumar Thakkar, Computer Science and Engineering Department, received the Best Research Paper Award at Charotar University of Science and Technology in January 2023.
- Dr. Chintan Bhatt, Computer Science and Engineering Department, received the Best Research Paper Award at Charotar University of Science and Technology in January 2023.
- Dr. Chintan Bhatt, Computer Science and Engineering Department, received the Best Paper Award at AISC 2022 Conference, IIIT Kota, in December 2022.
- Dr. Pradip Barik, ICT Department, received the Best Poster Award in the wireless track of the IEEE WAMS-2023 conference held at PDEU.
- Dr. Ankur Changela, EC/ICT Department, was awarded second place in the Third Faculty Research Review Symposium at PDEU in March 2023.
- Dr. Dhruvesh Patel, Civil Engineering Department, was awarded the second rank in the Third Faculty Research Review Symposium at PDEU in March 2023.
- Prof. Vishvesh J Badheka, Mechanical Engineering Department, was awarded the National Technical Award 2022-23 in Engineering and Technology for teaching excellence in technical education on September 06, 2022, in New Delhi.

- Dr. Jaydeep Patel, Dr. Garlapati Nagababu, Dr. Vivek Patel, Dr. Nirav Patel, and Dr. Abhinaya Bhasuru, Mechanical Engineering Department, were awarded the Best Paper Award at the International Conference on Sustainable Energy and Clean Technologies (ICSECT-22).
- Dr. Rahul Kumar, Dr. Rajat Saxena, and Jatin Patel received the Best Paper Award at the International Conference on Sustainable Energy and Clean Technologies (ICSECT-22).
- Dr. Debasis Sarkar, Civil Engineering Department,
  - i) Awarded the "Distinguished Researcher Award" in Engineering (Construction Management) 2023 from Venus International Research Foundation, Chennai, Tamil Nadu, India.
  - ii) Awarded the "Best Innovation Award 2023 from the International Science Forum.
- Dr. Dhaval Pujara, Director of the School of Technology,
  - i) Received the IEEE 2023 TICRA Foundation Grant of USD 1000. He was amongst the eight recipients from the entire world. He was felicitated during the IEEE International Symposium on Antennas and Propagation (URSI/APS), Portland, USA.
  - ii) Awarded the Special Recognition Award for Outstanding Leadership as the General Chair of WAMS 2023 during the second Wireless, Antenna, Microwave Symposium (WAMS) held at PDEU Gandhinagar, India.
  - iii) He along with his co-authors received the WAMS 2023 Best Paper in Antenna Track during the second Wireless, Antenna, Microwave Symposium (WAMS) held at PDEU, Gandhinagar, India.
- Dr. Ritu Sharma
  - i) Invited as a Panel Speaker by World Education Congress Awards, Taj Lands'End Mumbai on the topic Phygital Education-The Way Forward on July 7,2022
  - ii) Received the prestigious award Prof. Indira Parikh 50 Women in Education Leaders at the World Education Congress 2022 held at Taj Lands End on July 7, 2022. The criteria for selection for the award were Strategic Perspective, Future Orientation, Track Record, Integrity and Ethics and Ability for Sustainable Education
  - iii) Invited as a Jury of JMP track for the OB area and being a panelist on the topic 'Making Research Policy and Practice Relevancy at Doctoral Colloquium in Management and Development' organized by IRMA, Anand on December 19, 2022.
  - iv) Invited for a symposium talk to share insights on 'Emotional Intelligence and Decision Making in Organization: Women Leadership Perspective' at the 32nd Annual Convention of the National Academy of Psychology at Ahmedabad University on 4 March 2023
  - v) Invited for conducting an expert talk on personality mapping and leadership for organisational effectiveness; a 5 day online MDP on Leadership and Management Development Programme for DIGs (BSF ) organised by AITD on April 27, 2023.
  - vi) Invited for conducting an expert talk on Anger Management and Coping Skills as a part of BSF core leadership and Management Development Program for Commandants; a 12 day online MDP organised by AITD on June 17, 2023.

- Dr. Annie Rachel Royson presented her research paper "Travel, Translation, and Landscapes in Yatrekaruche Pravasavarnan" at the Annual Meeting of the American Comparative Literature Association on 17th June 2022. The presentation explored the complexities of landscapes, geopolitics, and translation in South Asian texts.
- Prof. Nigam Dave
  - i) Invited as an expert Speaker for the Faculty Development Programme organized by Ganpat University on September 20, 2022.
  - ii) Invited as the Key Note Speaker in the One-Day National Conference on Integrating Literature, Psychology and History at Vanita Vishram Women's University on March 19, 2023.
- Dr. Nausheen Nizami
  - i) Presented a research paper entitled 'Automation, Work and Job-Insecurity: A Case Study of India's IT-BPM Industry' at the 21st Annual Conference of the Indian Association of Social Science Institutions (IASSI) held during June 13-15, 2022 at the Indira Gandhi Institute of Development Research (IGIDR), Mumbai, India
  - ii) Published a research paper, "Transforming Skill Gap Crisis into Opportunity for Upskilling in India's IT-BPM Sector", in the Indian Journal of Labour Economics, a Scopus-indexed journal, in Volume 65, of Issue 3<sup>rd</sup> September 2022, ISSN: 0971-7927.
  - iii) Presented a paper entitled 'An empirical study on Determinants and Trends in Female labour force participation rate in Rural-Urban economy' which was co-authored by Ms. Neha Chauhan in the National Conference "Revving up the Rural Non-Farm economy: Potential and Strategies". This event was organized by GIDR, Ahmedabad on October 14 –15, 2022.
  - iv) Presented a Research Paper entitled 'Impact of Technical Progress on Skill Gap among Indian Youth: Insights from IT-BPM Industry' at the 63rd Annual Conference of Indian Society of Labour Economics hosted by Rajiv Gandhi University from 1st to 3rd March 2023
  - v) Invited as Session Chair at Technical Session-II at the 6th GNLU International Conference on Economic Analysis of Law, Public Policy & Governance being organized by Gujarat National Law University (GNLU) on the 18th and 19th of March 2023.
  - vi) Re-elected as a Member of the Executive Committee of the Indian Society of Labour Economics.
  - vii) Published a Co-authored research paper with Bhavya Logar titled 'Impact of IncomeInequality on Human Development in Emerging Economies: A Panel data analysis' in Odisha Economics Journal.
- Dr. Amrita Chakraborty
  - i) Presented the research paper entitled 'Spotting the Omnipresent 'Emoticon' in the Contemporary Communication Paradigm: A Historical and Socio-cultural Analysis' in the 6th National Media Conclave 2022 at Bhubaneswar, Odisha which took place on November 21-23, 2022.

- ii) Published a research paper titled 'Blade Runner 2049: A Case Study of Avant-Garde Storytelling' in ShodhKosh: Journal of Visual and Performing Arts with page number Page: 430 - 436 in Volume 3 Issue 2 July-December – 2022 edition.
  - iii) Got the first prize in the 3rd Research Symposium of School of Liberal Studies and School of Technology on March 15, 2023. The title of the resrarch is 'DeconstructingKantara: A Heady Mix of Metaphysics, Local Traditions and Class Struggle'.
  - iv) Presented the research paper titled 'Water Consciousness and Indian Cinema: A Textual and Critical Discourse Analysis of Select Hindi Language Movies' in the 2nd International Conference on 'Advances in Water Treatment and Management 2023' on March 11-12, 2023.
  - v) Invited for a panel discussion by Ahmedabad Management Institute (AMA) on World Intellectual Property Day 2023 under the theme 'Women and IP: Accelerating Women and Creativity'. The event was held on April 29, 2023, from 5:00 p.m. to 6:30 p.m.
- Dr. Sanjay Kumar Pradhan published an article titled Kievan Rus: A Tumultuous Journey Ended With War in the International Journal of Politics and Security.
  - Dr. Himani Baxi along with two other authors. The title of the paper is Impact of Demonetization in Rural Areas Through the Lens of Financial Inclusion. The paper got published in Journal of Rural Development 41 (1), Page 120-135, January – March 2022.
  - Dr. Ankita Srivastava
    - i) Presented a Research Paper titled 'Post-Pandemic Challenges for the revival of IT Industry in India' at ICSSR-sponsored Two-Days National Seminar on Atmanirbhar Bharat: Building Resilience, Sustainability and Global Competitiveness Organized by Department of Commerce & Financial Studies (DCFS) Central University of Jharkhand, Ranchi. The conference took place on November 11-12, 2022. The seminar deliberated upon pertinent issues in the context of self-reliant India.
    - ii) Presented a research paper titled "An Exploratory Study on Govt. of India's E-commerce Initiative; Open Network for Digital Commerce (ONDC)" at a two-day International Management and Business Research Conference (Online) on Managing Business in Challenging Times on November 12, 2022
  - Dr. Rachna Arora presented a research paper titled "Role of Indian Business Organization in achieving Sustainable Development GOAL 5: Gender Equality" - ICSSR sponsored two-day national seminar on Atmanirbhar Bharat: Building Resilience, Sustainability, and Global Competitiveness Organized by Department of Commerce & Financial Studies (DCFS) University of Jharkhand, Ranchi.

**Dr. Vaibhav Shah**

- i) Presented a research paper titled 'Shraddha as Non-Epistemic Disposition: A Conceptual Enquiry' at the 2nd Biennial International Conference on Global South Asians: Transformative Experiences organized by Indian Association for South Asian Studies and Centre for Alternative Studies in Social Sciences during November 14 – 18, 2022 at Banaras Hindu University, Varanasi, India.



- ii) Delivered an interview talk for a national program of All India Radio on the topic 'Revisiting Bhakti in the Literary Tradition of Gujarat' He was in conversation with Dr Rucha Brahmabhatt on 14<sup>th</sup> February, 2023.
- Dr. Hiren Solanki completed a certificate course on 'Financial Regulation: From the Global Financial Crisis to Fintech and the COVID Pandemic' from Massachusetts Institute of Technology (EDX Platform) with 58 percent, 23th December 2022.
- Dr. Rajesh Desai has published a paper titled 'Financial Literacy and Its Impact on Financial Inclusion: Moderating Role of Gender' in the Journal of Wealth Management, Spring 2023.
- Dr Urmi Satyan secured the second position in the 3<sup>rd</sup> Research Symposium held at PDEU for the Faculty members of SLS and SPM.
- Dr. Harmik Vaishnav
  - i) Invited as a Chief P K Chaudhari Mahila College, Gandhinagar organized a National Conference on 'Academic Disciplines and Research Methodology' on 4 March 2023. Guest and a Keynote speaker at the said conference. He spoke on the benefits of research for professional life and industry with a few case studies. There were more than 50 researchers who presented their papers and the papers were published in an E-Journal which was released by the Chief Guests.
  - ii) Invited as one of the experts in a panel talk themed on education and careers. The programme called 'Career Café' was live on DD Girnar on May 30, 2023.

## Annexure-5: Experts' Lectures

Sr. No.	Name of Department	Name of Expert	Designation & Organization	Topic	Date	Audience
1.	Mechanical Engineering	Dr. Surojit Gupta	Associate Professor, University of North Dakota, USA	Design of Biomass-based Foams for Functional Applications	25/07/2022	B.Tech./ M.Tech.
2.	Petroleum Engineering	Mrs. Kiran Sharma	Chief General Manager SSM, Ahmedabad	Kalol Field: Case study of mature field	26/07/2022	B.Tech
3.	Petroleum Engineering	Mr. Mayank Sharma	Reservoir Engineer, ONGC	Kalol Field: Case study of mature field	26/07/2022	B.Tech
4.	Petroleum Engineering	Mr. Hesham Zubari	CTIO, Dragon Oil	Challenges facing O&G towards Net Zero and way forward	30/07/2022	B.Tech & M.Tech
5.	Mechanical Engineering	Mr. R R Vishwakarma,	Ex-Chief Metallurgist, GEB	Metallurgy of Power Plant	01/08/2022	B.Tech./ M.Tech.
6.	Mechanical Engineering	Dr. Sarang Pande	FIE, Chairman, The Institution of Engineers India, Rajkot.	Additive Manufacturing	05/08/2022	B.Tech./ M.Tech.
7.	Petroleum Engineering	Mr. Mehboob Ahmed Chowdhry	Assistant Professor, Dibrugarh University	Fundamentals of Directional Drilling	18-08-2022	B.Tech
8.	Petroleum Engineering	Ms. Manpreet Kaur	HR- Talent Acquisition	HR WEEK 3.0-INTERVIEWP OLIS 3.0	20/08/2022	B.Tech
9.	Petroleum Engineering	Mr. Mohit Raturi	HSE Consultant, Vedanta Cairn Oil and Gas	HR WEEK 3.0-INTERVIEWP OLIS 3.0	20/08/2022	B.Tech
10.	Petroleum Engineering	Mr. Kaushal Agarwal	Chief Engineer, ONGC	HR WEEK 3.0-INTERVIEWP OLIS 3.0	20/08/2022	B.Tech
11.	Petroleum Engineering	Mr. Milap Gaud	C&M D, Knnamp Drilling Fluid Services PVT. LTD.	HR WEEK 3.0-INTERVIEWP OLIS 3.0	20/08/2022	B.Tech
12.	Petroleum Engineering	Mr. Kunal Mehta	Former GGM, ONGC	HR WEEK 3.0-INTERVIEWP OLIS 3.0	20/08/2022	B.Tech
13.	Computer Science & Engineering	Prof. Priti Sajja	S P University, VV Nagar, Anand	Data mining - post covid applications and trends	27/08/2022	B.Tech.

14.	Computer Science & Engineering	Dr. Kumar Rahul	Research Scientist II at Amazon Development Centre (India) Pvt. Ltd.	Career Opportunities in Data Science and Machine Learning	03/09/2022	B.Tech./ M.Tech.
15.	CCE PDEU	Dr. Hasmukh Adhia, IAS (Retd.)	Former Finance Secretary, Government of India and Chairman Standing Committee, PDEU	An Exposure Session On Upsc Civil Services Exam	04/10/2022	B.A./B.B.A. / B.Com/ MA
16.	Computer Science & Engineering	Mr. Pal Patel	Cyber Security Manager, Meditab Software Pvt. Ltd.	The Cyber Security - Vulnerability Assessment Tools	10/10/2022	B.Tech.
17.	Department of Social Sciences	Prof. Manoj Dixit,	University of Lucknow	Governance In Changing Times'	14/10/2022	B.A./B.B.A. / B.Com/ MA
18.	Computer Science & Engineering	IAS. Pushp lata	Director, Women Welfare, Women Child Development, Government of Gujarat	Career Counseling Sessions For Home Maker (Funded by National Commission for Women, Govt of India, New Delhi)	15/10/2022	B.Tech./ M.Tech.
19.	Management	Dr. Hasmukh Adhia, IAS (Retd.)	Former Finance Secretary, Government of India and Chairman Standing Committee, PDEU	Understanding Indian Economy and Government Finances	18/10/2022	M.B.A.
20.	Petroleum Engineering	Mr. Hardik Vyas	Production Engineer, ONGC	Gas Lift: Troubleshooting and optimization	18/10/2022	B.Tech & M.Tech
21.	Computer Science & Engineering	Dr. Hardik Parikh	Head of Training Division, GNLU	The Hackers Meetup Inaugural Event	18/10/2022	B.Tech.
22.	Department of Social Sciences	Dr. S. Jaishankar	Honorable Minister Of External Affairs, Government Of India	'Rising India – The World,'	18/10/2022	B.A./B.B.A. / B.Com/ MA

23.	Computer Science & Engineering	Mr. Naveen Gupta	Founder & CEO, Deets Digital	Introductory Session of PDEU ACM Student Chapter and Data Science Seminar	19/10/2022	B.Tech.
24.	Department of Languages, Literature and Aesthetics.	P. Sainath	Ramon Magsaysay Award winner and Founder Editor of People's Archive of Rural India	Who Were Our Freedom Fighters?	19/10/2022	B.A./B.B.A. / B.Com/ MA
25.	Department of Social Science	Professor. Nirmala Dorasamy	Professor, Durban University, South Africa.	Positioning Public Service Delivery	09/11/2022	B.A./B.B.A. / B.Com/ MA
26.	Petroleum Engineering	Mr. Med Kamal	SPE International President	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
27.	Petroleum Engineering	Mr. Rahul Bali	GM-Technical, ONGC	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
28.	Petroleum Engineering	Mr. Kanhaiya K. Jha	Hod Reservoir Engineering, DGH	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
29.	Petroleum Engineering	Mr. Amogh Chitrao	Consulting Petroleum geologist	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
30.	Petroleum Engineering	Mr. Shalivahan Srivastav	Director, Indian Institute of Petroleum Engineering	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
31.	Petroleum Engineering	Mr. Anand Gupta	Executive Director, DGH	PDEU SPE Fest	11/11/2022	B.Tech & M.Tech
32.	Electrical Engineering	Dr. Dhruvesh M. Mehta	Manager – Technology Transformers & Rectifiers (India) Ltd.	Design Considerations for Power and Distribution Transformers	11/11/2022	Semester-VII B.Tech Students (92)
33.	EC/ICT	Mr. Patitapabana Mahapatra	Lead Software Development Engineer in Test, S&P Global, Ahmedabad	Importance of Software Testing and Role of Quality Assurance Engineering	11/11/2022	B.Tech.
34.	Civil Engineering	Dr. Mohit Mistry	Geotechnical Engineer, Arvind Technocrats and Engineers LLP	Geotechnical Investigation, Pile Design, and Testing for Mumbai Ahmedabad High-Speed Rail Project	11/11/2022	B.Tech.



35.	Petroleum Engineering	Mr. Milap Gaud	C&M D, Knnamp Drilling Fluid Services PVT. LTD.	Mud – O -Gee, PDEU SPE Fest	12/11/2022	B.Tech & M.Tech
36.	Petroleum Engineering	Ms. Aarshavi K Modi	Executive Engineer, Drilling, ONGC	Showcase: Paper &Poster Presentation	12/11/2022	B.Tech & M.Tech
37.	Petroleum Engineering	Mr. K.C Hari	Chief General Manager wells, ONGC	Scope for a Realistic Hydrocarbon Vision	12/11/2022	B.Tech & M.Tech
38.	Computer Science & Engineering	Ms. Jansi Rani Krishnan	Agility Lead, JP Morgan Chase and Co. Hyderabad	A roadmap from software developer to a Scrum Master	12/11/2022	B.Tech.
39.	Computer Science & Engineering	Ms. Jansi Rani Krishnan	Agility Lead, JP Morgan Chase and Co. Hyderabad	A roadmap from software developer to a Scrum Master	12/11/2022	B.Tech.
40.	Petroleum Engineering	Mr. Sujit Mitra	General Manager, ONGC	Fued-A-Nation, PDEU SPE FEST	13/11/2022	B.Tech & M.Tech
41.	Computer Science & Engineering	Prof. Kuruva Lakshmana	Associate Professor, Vellore Institute of Technology, Vellore, India	Balanced Trees and their Applications	15/11/2022	B.Tech. / M. Tech.
42.	The school of liberal studies	Dr. Prashanto Saha,	Assistant Professor, NFSU	Expert lecture on Forensic Psychology	15/11/2022	B.A./B.B.A. / B.Com/ MA
43.	The Department Of Languages Literature And Aesthetics	Khushru F. Doctor	The Founder of Taasha Tech Info Solutions Pvt. Ltd. (Software Development And Testing	Industry 4.0 Insights into workplace Communication	16/11/2022	B.A./B.B.A. / B.Com/ MA
44.	Computer Science & Engineering	Mr. Jimish Parekh	Founder CEO, Pedals UP Innovations, Ahmedabad	Igniting the Minds: Competitive Coding	14/12/2022	B.Tech.
45.	Petroleum Engineering	Mr. Divyanshu Vyas	Data Science Researcher at Shell & Founder of Petroleum From Scratch	Decline curve analysis using Python	17/12/2022	B.Tech
46.	Petroleum Engineering	Mr. Dhaval Patel	Assistant Manager at PSA International	New oil in old oil industry	18/12/2022	B.Tech

47.	Computer Science & Engineering	Mr. K. Rameshkumar,	Technical Manager in XR division, ARK Infosolutions Pvt. Ltd.	Unity Real-Time 3D Fundamentals of AR-VR Technology	21/12/2022 – 23/12/2022	B.Tech. / M.Tech.
48.	Petroleum Engineering	Mr. Akshar Thakkar	Senior Engineer at Shell	Deepwater drilling practices	27/12/2022	B.Tech
49.	Petroleum Engineering	Mr. Jenish Lalcheta	Senior Engineer at Sanmarg Projects Pvt. Ltd. & CEO Co-founder of Shreeji Industry	Fire Safety	29/12/2022	B.Tech
50.	Petroleum Engineering	Mr. Siddheshwar Hawanale	Technical Leader, Worldwide Oilfield Machine (WOM)	Unitized Wellhead	30-12-2022	B.Tech
51.	Civil Engineering	Dr. B.S. Munjal	Ex/Scientist, SAC/ISRO	Stretching the Technical Horizons of Research with an Eye in Sky Applications from Soil to Space for India's Atmanirbharta	05/01/2023	B.Tech./ M.Tech.
52.	Petroleum Engineering	Mr. Zahid Karajagi	Experienced Oil & Gas Industry Professional	Basic of oilfield cementing engineering	13/01/2023	B.Tech
53.	Civil Engineering	Mr. Nirav Nagadiya	Fluidyn Consultancy Pvt. Ltd.	Applications of PANEIA Software for Pollutant Dispersion and EIA Applications	16/01/2023	M.Tech.
54.	Mechanical Engineering	Mr. Ashwin Deshpande,	Country Head/India	Laser Powder bed Fusion Metal 3D printing – Technology and Applications	20/01/2023	B.Tech./ M.Tech.
55.	Mathematics	Prof. Neeru Adlakha	Gujarat University	Current Trends and Challenges in Computational Biology	20/01/23	B.Sc./ B.Tech.

56.	Computer Science & Engineering	Mr. Kirti Prajapati	Microsoft MVP, MCT, Modern Workplace Architect	Fundamentals of Cloud Computing with AI Services	21/01/2023	B.Tech.
57.	Computer Science & Engineering	Mr. Sanket Pandya	Technical Manager at Rishabh Software	Fundamentals of Cloud Computing with AI Services	21/01/2023	B.Tech.
58.	Management	Mr Bobby Achettu	Sikich	The Journey of a Founder: Startup, to Scale, to Exit and Beyond	25/01/2023	M.B.A.
59.	Mechanical Engineering	Prof. Pierpaolo Carlone	Professor, University of Salerno, Italy and Trustee ASM International, USA	Pultrusion of Composites: Challenges, Limitations and Advantages	31/01/2023	B.Tech.
60.	Department of Business Administration and Commerce	Mr. Bharat Jariwala, with IDP;	Director, Intstu Aspiration, Trustable Partner	Study Abroad: Contemporary Issues	01/02/2023	B.A./B.B.A. / B.Com/ MA
61.	Computer Science & Engineering	Dr. Ashish Shukla	Researcher at Space Applications Centre (SAC), Indian Space Research Organization (ISRO)	AI in Space Research and Basics of Navigation Systems	04/02/2023	B.Tech. / M. Tech.
62.	Mechanical Engineering	Mr. Sandip Patel	Software Engineer	RoS (Robot Operating System)	08/02/2023	B.Tech.
63.	Department of Business Administration and Commerce	1) Mr. Chandramauli Bhatt 2) Mr. Manil Patel	1) CEO, Renaissance Academic division, Renaissance Educare Pvt. Ltd. 2) Centre Director, Gandhinagar, Renaissance Educare Pvt. Ltd.	Discovering New Frontiers: Studying Liberal Science Abroad For Personal And Professional Development'	08/02/2023	B.A./B.B.A. / B.Com/ MA

64.	Economics Area, Department of Social Science	1)CA Amal Datt 2) CA Yamal Vyas-	1) Chartered Accountant 2) Director of National Housing Bank, Chartered Accountant, and Company Secretary	Bahikhata' – A Panel Discussion on the Union Budget 2023-24	10/02/2023	B.A./B.B.A. / B.Com/ MA
65.	EC/ICT	Er. Satya Narayan Hota	Senior Consultant, Wipro Ltd.	Industrial Webinar	15/02/2023	B.Tech.
66.	Mathematics	Prof. Rakesh Srivastava	Professor, M.S. University of Baroda	Application of Statistics in Data Analysis	15/02/23	B.Sc./ B.Tech.
67.	Computer Science & Engineering	Mr. Neh Patel	Hall of Fame Google and Microsoft	Getting Started with Ethical Hacking	22/02/2023	B.Tech.
68.	Petroleum Engineering	Mr. Namit Sharma	Executive Director, Ahmedabad Asset ,ONGC	15 <sup>th</sup> Anniversary SPE PDEU Student Chapter	23/02/2023	B.Tech
69.	Petroleum Engineering	Mr. B.K. Das	Head WSS,ONGC	15 <sup>th</sup> Anniversary SPE PDEU Student Chapter	23/02/2023	B.Tech
70.	Petroleum Engineering	Mr. Peyush Nene	DGM Finance, ONGC	15 <sup>th</sup> Anniversary SPE PDEU Student Chapter	23/02/2023	B.Tech
71.	Civil Engineering	Mr. Naitik Patel	GNFC, Bharuch	Tender and Tendering Process	23/02//023	B.Tech.
72.	Mathematics	Dr. Pratish Datta	Scientist, NTT Research, USA	From Mathmania to Crypto Mania: How Math is helping Secure our Digital Future	24/02/23	B.Sc./ B.Tech.
73.	Liberal Studies	Dr. Hasmukh Adhia, IAS (Retd.)	Former Finance Secretary, Government of India and Chairman Standing Committee, PDEU	The importance of time management and pre-planning the daily schedule for leading a well-organized life	01/03/2023	B.A./B.B.A. / B.Com/ MA
74.	Mechanical Engineering	Prof. Ramin Sedaghati	Concordia University	Magnetorheology Technology	02/03/2023	B.Tech.
75.	President of - The International Stress	Dr Udaya Reddy	President of - The International Stress	Empowering Parents In Nurturing Students For	05/03/2023	B.A./B.B.A. / B.Com/ MA



	Management Association)		Management Association	Excellence		
76.	Computer Science & Engineering	Mr. Devinder Singh Bhusari	HeartFullness Institute, Adalaj, Ahmedabad	Happiness: Mental and Physical Wellness	10/03/2023	All the Faculty and Staff
77.	Computer Science & Engineering	Dr. Sunayna Pandey	Dept. of Psychiatry, B.J. Medical College, Ahmedabad	Happiness: Mental and Physical Wellness	10/03/2023	All the Faculty and Staff
78.	Computer Science & Engineering	Dr. Purvi Patel	HCG Cancer Center, Ahmedabad	Happiness: Mental and Physical Wellness	10/03/2023	All the Faculty and Staff
79.	Computer Science & Engineering	Dr. Archana Shah	Sanndhiya Multi-speciality, Ahmedabad	Happiness: Mental and Physical Wellness	10/03/2023	All the Faculty and Staff
80.	Computer Science & Engineering	Ms. Hetal Pushpa Mehta	CEO, Ansi Bytecode LLP.	Microsoft Azure Open Source Day	11/03/2023	B.Tech.
81.	Computer Science & Engineering	Mr. Naishadh Mr. Rakesh Patel	Microsoft Certified Professional	Microsoft Azure Open Source Day	11/03/2023	B.Tech.
82.	Computer Science & Engineering	Mr. Nipun Patel	Digital Transformation, Trainer	Microsoft Azure Open Source Day	11/03/2023	B.Tech.
83.	Mechanical Engineering	Philip Davies	Professor, University of Birmingham, UK	Low-cost Batch RO system for water treatment	11/03/2023	B.Tech.
84.	Mechanical Engineering	Mr. Gaurav Patel	Technical Officer, GERMI, Gandhinagar	Vapor absorption Refrigeration	12/03/2023	B.Tech.
85.	Mechanical Engineering	Mr. Dharam Gor	MD/ Taylormade Renewable Energy Limited	Renewable Energy applications for Heating and Water Treatment	12/03/2023	B.Tech.
86.	Mechanical Engineering	Prof. Moshe Sagi	Ben Gurion University, Israel	Cultivation and Growth of Hylophytic Crops in Coastal Regions of Gujarat	12/03/2023	Faculty
87.	EC/ICT	Dr. Bryan M. Williams	Lecturer in Biometrics and Human Identification at Lancaster University, London.	AI in Forensics	13/03/2023	B.Tech.

88.	Mechanical Engineering	Mr. Gaurang Patel	Technical Officer, GERMI, Gandhinagar	Refrigeration and Air/ Conditioning	13/03/2023	B.Tech./ M.Tech.
89.	Mechanical Engineering	Prof. Sudip Mishra	IIT, Kharagpur	Industry 4.0	14/03/2023	B.Tech.
90.	Mathematics	Prof. Arun Pal Singh,	Delhi University	Introduction to Hardy's Inequalities	14/03/23	B.Sc./ B.Tech.
91.	Mechanical Engineering	Mr. Paras Prajapati	Elegant Engineering Solutions Lead Structural Engineer	Career Guidance	15/03/2023	B.Tech.
92.	Civil Engineering	Mr. H. M. Mahesh	General Manager, LEA Associates South Asia Pvt. Ltd.	Highway Planning, Design, and Construction Aspects	16/03/2023	M.Tech.
93.	The Area of International Relations, SLS	Ambassador Pinak Ranjan Chakravarty	I.F.S (Retd.)	Israel and Changing Geopolitical Dynamics in West Asia'	16/03/2023	B.A./B.B.A. / B.Com/ MA
94.	EC/ICT	Quantum Communication Technologies	Scientist, SAC ISRO	Quantum Communication Technologies	17/03/2023	B.Tech.
95.	Petroleum Engineering	Mr. Nishant Kumar Singh	Field Operational Professional, Halliburton	Advance Cementing Technology & Career Prospect	19-03-2023	B.Tech
96.	Chemical Engineering	Prof Ajay K. Dalai	Profssor University of Saskatchewan, Canada	Energy Efficient Technologies Leading To Sustainable Innovations And Solutions To Environmental Concerns	20/03/2023	B.Tech/M.Tech/PhD Faculty/industry persons
97.	Chemical Engineering	Prof. Vijay Moholkar	Professor, IIT, Guwahati	Necessity and Challenges towards Clean Energy Production for a Sustainable Environment	20/03/2023	B.Tech/M.Tech/PhD Faculty/industry persons
98.	Chemical Engineering	Prof. Seshasai Srinivasan,	Professor, McMaster University	Necessity and Challenges towards Clean Energy Production for a Sustainable Environment	21/03/2023	B.Tech/M.Tech/PhD Faculty/industry persons

99.	Computer Science & Engineering	Mr. Saurabh Kumar Pandey	Senior Security Manager, Bengaluru	Securing Web Application	15/03/2023 and 22/03/2023	B.Tech.
100.	EC/ICT	Dr. Kamal Kishor Jha	Assistant Professor, Indian Institute of Information Technology, Vadodara	Device Technology and semiconductor devices	22/03/2023	B.Tech.
101.	Civil Engineering	Mr. Ramdas Wani	Integrated Quality Management Systems, Pune	Environmental Impact Assessment for Air Polluting Industries and Hurdles in Acquiring Data and EIA Clearance	23/03/2023	B.Tech./M.Tech.
102.	Computer Science & Engineering Computer Science & Engineering	Prof. Rajul Gajjar	Principal, L D College of Engineering	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.
103.	Computer Science & Engineering	Dr. Rutvi Shah	Assistant Professor at CPICA Ahmedabad, ACM-W Professional Community Contributor	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.
104.	Computer Science & Engineering	Mrs. Sejal Shah	Head Legal and Compliance, Cygnet Infotech Private Ltd.	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.
105.	Computer Science & Engineering	Dr. Heena Timani	Director and Founder at iAnanya Datalytix Pvt. Ltd.	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.

106.	Computer Science & Engineering	Mrs. Menka Mishra Singh	Deputy General Manager, IFFCO, Kalol	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.
107.	Computer Science & Engineering	Mrs. Sheba Priyadarshini Manoharan	Student Counsellor, Career and Relationship Coach	Expert talk on "Women in Leadership" and Panel Discussion on "Women and Work: A Balance between Family and Career."	24/03/2023	B.Tech. / M.Tech.
108.	Mechanical Engineering	Mr. Sunny S. Juneja	Senior Manager, Helicopter Division, Hindustan Aeronautics Limited	New advancements in Composites Manufacturing	24/03/2023	B.Tech.
109.	Civil Engineering	Mr. Mayank Sankhala	UAV (Drone) for Engineering Mapping	Modern Surveying using Drone, GPS and Total Station	25/03/2023	B.Tech.
110.	EC/ICT	Shri. Adarsh Jain	Scientist, SAC, ISRO	Quantum Communication Technologies	27/03/2023	B.Tech.
111.	Petroleum Engineering	Mr. Kaushal Agarwal	Chief Engineer, ONGC	Annual Ceremony, SPE PDEU Student Chapter	29/03/2023	B.Tech
112.	Petroleum Engineering	Mr. Sujit Mitra	General Manager, ONGC	Annual Ceremony, SPE PDEU Student Chapter	29/03/2023	B.Tech
113.	Petroleum Engineering	Mr. Jayesh Patil	Chief Engineer, JTI	Annual Ceremony, SPE PDEU Student Chapter	29/03/2023	B.Tech
114.	Petroleum Engineering	Mr. Hrushikesh Karnik	AEE Drilling, ONGC	Annual Ceremony, SPE PDEU Student Chapter	29/03/2023	B.Tech
115.	Civil Engineering	Mr. Karan Sareen	Senior Manager at Wirtgen India Pvt. Ltd.	Sustainable and Green Technology for Road Rehabilitation	31/03/2023	B.Tech.



116.	Chemical Engineering	Prof. G D Yadav	ICT Mumbai	Sustainable Energy & Technologies	02/04/2023	B.Tech/M.Tech/PhD Faculty/industry persons
117.	Chemical Engineering	Prof. P. R. Goagte	ICT Mumbai	Sustainable Energy & Technologies	02/04/2023	B.Tech/M.Tech/PhD Faculty/industry persons
118.	EC/ICT	Prof. Ashok Ranade	Professor, Ahmedabad University	Generating Music using SCILAB	05/04/2023	B.Tech.
119.	Computer Science & Engineering	Prof. Minal Bhise	DA-IICT Gandhinagar	Transaction Management and Concurrency Control	07/04/2023	B.Tech.
120.	Computer Science & Engineering	Dr. Kinjal Chaudhari	Assistant Professor, Adani University	Applied Data Science in Stock Market Prediction	07/04/2023	B.Tech. / M.Tech.
121.	Petroleum Engineering	Mr. Nitin Lahkar	Superintending Engineer (Reservoir) Oil India PVT. LTD.	Technology Infusion In Oil And Gas Sector	08/04/2023	B.Tech & M.Tech
122.	Computer Science & Engineering	1) Dr. Sudipta Saha & 2) Dr. Kumar Abhishek	1) Computer Science & Engineering, IIT, Bhubaneswar 2) Department of Computer Science and Engineering, NIT Patna	Data Storage and Access - The Nerd Perspective	08/04/2023	B.Tech. (Internal and external)
123.	EC/ICT	Dr. Aashish Mathur	Assistant Professor, Indian Institute of Technology, Jodhpur	optical wireless communication	12/04/2023	B.Tech.
124.	Petroleum Engineering	Mr. Nirmal Singh	Rig Manager, Shelf Drilling	Life Cycle of well with Jack-Up Rig	11/04/2023 13/04/2023	B.Tech
125.	Electrical Engineering	Ramesh Chauhan	Ex- Additional General Manager NTPC Ltd	Power Generation System	13 April 2023	B.Tech (4th semester)
126.	Computer Science & Engineering	Mr. Vimal Rughani	CEO, Virtual Reality Systems	Introduction to AR-VR Technology	13/04/2023	B.Tech.
127.	The Economics Area, Department of Social Science, SLS	Dr. Misha Vyas	In-charge Informal Sector and Labour Issues, Mahatma Gandhi Labour Institute	Labour Laws For Informal Sector In India	13/04/2023	B.A./B.B.A. / B.Com/ MA

128.	The English area of the Department of Languages, Literature and Aesthetics	Professor Avishek Parui,	Associate Professor IIT-Madras	Memory Studies And Masculinities Studies: The Complex Convergences	13/04/2023	B.A./B.B.A. / B.Com/ MA
129.	Computer Science & Engineering	Mr. Ujjwal Thakar	Founder Bharosa Club, Gandhinagar	Financial Wellness for Undergraduates	17/04/2023	B.Tech.
130.	Petroleum Engineering	Renaissance	Renaissance	A step towards brighter career	19/04/2023	B.Tech
131.	EC/ICT	Dr. Aashish Mathur	IIT, Jodhpur	Optical Wireless Communication	19/04/2023	B.Tech.
132.	Mechanical Engineering	Mr. Bhavesh Oja	CEO / ATS Technologies	Thermal Spray Coatings	19/04/2023	B.Tech.
133.	Civil Engineering	Mr. Bhaumik Shah	Founder-Shah And Salot Associates	Introduction to Contracts and Aspects	19/04/2023	B.Tech.
134.	Civil Engineering	Mr. Shani Pandya	Entrepreneur Imagine Power Tree	Entrepreneurial Opportunities in India's Solar Sector	19/04/2023	B.Tech.
135.	Civil Engineering	Mr. Dhruvil Devani	Engineering V Construct, Pune	BIM Applications in the Indian Construction Industry	19/04/2023	B.Tech.
136.	Computer Science & Engineering	Mr. Rakul R.S.	Project Manager, ARK Infosolutions Pvt. Ltd.	Live Demo on AR-VR Technology	20/04/2023	B.Tech.
137.	EC/ICT	Prof. Prasiddh Trivedi	RAIT, Mumbai	Digital control systems	20/04/2023	B.Tech.
138.	Civil Engineering	Mr Shashin Patel	Head, Structural Department, S3M	Design Forms / System Creation	20/04/2023	B.Tech.
139.	Civil Engineering	Shri Rajesh Bhatt	Chief Fire Officer, AMC	Fire safety in steel structure	21/04/2023	B.Tech.
140.	Civil Engineering	Dr. Chetan Kumar Hanni	Senior Research Associate, CiSTUP, IISc, Bangalore	Transportation Planning/ Case Studies	21/04/2023	B.Tech./ M.Tech.
141.	Petroleum Engineering	Mr. Shantnu Brajesh	Senior Reservoir Manager, RFD	Introduction to material balance	22/04/2023	B.Tech
142.	Civil Engineering	Mr. Vikas Ghadamode	Geotech GIS Training Institute, Aurangabad	Applications of RS and GIS in Civil Engineering	22/04/2023	B.Tech.

143.	Mechanical Engineering	Mr. Sanjay Kulshreshtha	General Manager, IFFCO	Personal Effectiveness	23/04/2023	B.Tech.
144.	Electrical Engineering	Amit Gohel	CEO   Eleics Design Pvt.Ltd.	Applications of IOT and embedded systems in Industry	April 24, 2023	B.Tech.
145.	Civil Engineering	Dr. Ashu Kedia	Transport Engineer	Safe System Approach to Road Safety	25/04/2023	B.Tech./M.Tech./ Ph.D.
146.	Petroleum Engineering	Mr. Aman Srivastava	Product Owner Halliburton	Digital Oil Field and Transformation	28/04/2023	B.Tech & M.Tech
147.	Civil Engineering	Dr. Kannan Iyer	Assistant Professor, IITRAM	Ground Improvement in Deep Foundations	28/04/2023	B.Tech.
148.	Mathematics	Dr. Rajib Lochan Das	Associate Professor, DA-IICT, Gandhinagar	Webinar on Ridge Regression in Machine Learning	29/04/23	B.Sc./B.Tech.
149.	Petroleum Engineering	Mr. Bhumin Baraiya	GATE AIR-2, 2022	Topper talks with AIR-2	17/06/23	B.Tech.
150.	Chemical Engineering	Dr. Maulin Shah	Curtin University, Australia	Career Advancement in Chemical Engineering	28/07/2023	B.Tech/M.Tech./PhD Faculty/Industry persons
151.	Civil Engineering	Dr. Anjana Vyas	CEPT Ahmedabad	Applications of GIS	30/07/2023	B.Tech./M.Tech.
152.	Chemical Engineering	Mr. Ramesh Chavan	NTPC	Safety Risk Analysis	04/08/2023	B.Tech/M.Tech/PhD Faculty/Industry persons

## Annexure-6: Students' Achievements

Sr. No.	Name	Program Name	Particulars	Date (dd/mm/yyyy)
1.	Abdoul Kader Hassane	B.A. (Hons.)/B.B.A. (Hons.)	Participated in the training program on 'Fundamentals of Digital Marketing and Digital Communication'. The certificate is recognized by Interactive Advertising Bureau, Europe	16/07/2022
2.	Aarjyaaditya Mohanty	B.A. (Hons.)/B.B.A. (Hons.)	DP World Mundra commonly known as MICT (Mundra International Container Terminal)	16/07/2022 to 20/07/2022
3.	Riya Jain	B.A. (Hons.)/B.B.A. (Hons.)	Published Her First Fiction Book Titled 'Life Unplugged'	August 2022
4.	Mrunalini Rana	Ph.D.	Achieved WOS-A (Women Scientist Scheme A) Fellowship	08/08/2022
5.	Ahmed Mulla	B.Tech (CSE)	Asset Bubble Prediction by NASSCOM and Wells Fargo, Telangana -3 <sup>rd</sup> position	17/08/2022
6.	Shreya Dave	M.A.	Participated And Secured The First Position In Sanskrutotsav 2022, In IITE (Indian Institute Of Teacher Education, Gandhinagar)	30/08/2022



7.	Naznin Shaikh	Ph.D.	Awarded a project under Women Scientist (WOS-A), DST ,India	01/09/2022
8.	Aritkumar J. Patel	Ph.D.	Awarded Best Paper Award (Poster Presentation) in International Conference on Sustainable Energy and Clean Technology (ICSECT-22)	2/09/2022 to 4/09/2022
9.	Naznin Shaikh	Ph.D.	Awarded 1st prize in Nanoscience for Arts Competition at IEEE NAP Conference, Poland	11/09/2022
10.	Uttam Vyas	Ph.D.	Achieved SHODH (Scheme of Developing High-Quality Research) Fellowship Award	18/09/2022
11.	Pragnan Lad	M.Tech. (Thermal Engineering)	Best Paper Award at the International Conference on Sustainable Energy and Clean Technologies (ICSECT/22)	24/09/2022
12.	Shreya Singh, Shalin Dhar, Anushka Singh and Paritosh Joshi	M.B.A.	12000 registrations; 351 teams qualified for the second round; 14 teams out of those 351 qualified as national finalists.  1st position: IIT Madras; 1st Runners up: SPM PDEU; 2nd Runners up: IIFT	October 2022
13.	Dimple Janwani	B.A. (Hons.)/B.B.A. (Hons.)	Certified Health Mentor, after joining the Hippocrates health	October 2022

			educator program	
14.	Aarya Hitesh Patel, Neel Jignesh Baxi	B.Tech. (Mechanical Engineering)	ASM International India National Council Awards (INC) Bachelors (Engg.) Award: Title of the project: Investigation of Triply Periodic Minimal Surfaces in Thermal Applications. Guided by Prof Vishvesh J Badheka and Mr Jigish Patel, Scientist/G of SAC/ISRO.	15/10/2022
15.	Aneri Shah	Ph.D Scholar	Awarded Paper On <i>Follow-Up</i> Study On Quality Of Life Of Indian Males With Head And Neck Cancer, With Dr. Ritu Sharma, Dr. Dushyant Mandlik & Dr. Kaustubh Patel	29/10/2022
16.	Dhimahi Trivedi	B.A. (Hons.)/B.B.A. (Hons.)	Internship At The Indian Institute Of Digital Education	05/11/2022
17.	Nidhi Makwana	Ph.D Scholar	Presented a paper on “Legal Translation of Asiatic Registration Act: A Political Tool of Gandhi’s Experiment with Truth” at International Conference on Recent Trends Teaching Learning Practices in Language,	10/11/2022 to 11/11/2022

			Literature, Humanities & Social Sciences	
18.	Bhagirath Patel	B.Tech (ICT)	Hack-NU-thon 4.0, Nirma University -1 <sup>st</sup> position	13/11/2022
19.	Yagnaseni Sanyal	Ph.D Scholar	Presented A Research Paper Titled 'What Does It Mean To Forgive In Indian Tradition? Conceptualising Kshama In Mahabharata' At Banaras Hindu University, Varanasi, India.	14/11/2022 to 18/11/2022
20.	Sami Koreishi	B.A. (Hons.)/B.B.A. (Hons.)	65th National Shooting championship shotgun in New Delhi	11/12/2022
21.	Falak Patel	B.Tech. (Mechanical Engineering)	Mentoring of Engineering Students by INAE Fellows/ INAE Young Associates.	24/12/2022
22.	Om Trivedi	M.Tech. (Thermal Engineering)	Received a Research Project Grant of 1,00,000/- from The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE)	29/12/2022
23.	Supriyo Bhattacharjee	M.Tech. (Thermal Engineering)	Received a Research Project Grant of 1,00,000/- from The Indian Society of Heating, Refrigerating, and Air Conditioning Engineers (ISHRAE)	29/12/2022

24.	Shivani Odedra	B.Tech. (ICT)	35 <sup>th</sup> Rank in National Creative Ability Test (NCAT)	05/01/2023
25.	Abdur Khan	B.Tech. (ICT)	43 <sup>rd</sup> Rank in National Creative Ability Test (NCAT)	05/01/2023
26.	Anuj Patel, Kishan Pipariya, Kunal Kumar Sahoo, Rashida Kadiwala	B.Tech (CSE)	IIT Kharagpur Data Science Hackathon -18 <sup>th</sup> rank/755	21/01/2023
27.	Anuj Patel, Dhvani Choksi, Kunal Kumar Sahoo, Tithi Dangarwala	B.Tech (CSE)	EnCode, sponsored by Bosch, IIT Guwahati -3 <sup>rd</sup> position	01/02/2023
28.	Deborah Shastri	B.A. (Hons.)/B.B.A. (Hons.)	Nirma University conducted its fifth chapter of their annual fest called ELYSIAN 5.0	04/02/2023
29.	Kishan Pipariya, Kunal Kumar Sahoo	B.Tech (CSE)	National Analytics Challenge 3.0, XLRI Jamshedpur (Remote), IIT Delh-12 <sup>th</sup> rank/1200	08/02/2023
30.	Chintan Udani, Fenil Ponkiya, Manav Patel, Vivek Lakhani, Vishwa Gajjar	B.Tech (CSE)	SSIP, Azadi Ka Amrit Mahotsav, Ganpat University, Mehsana -4 <sup>th</sup> positions (Appreciation)	10/02/2023
31.	Priyanka Raval	M.Tech. (Infrastructure)	Second place in student paper contest in "Structural & Passive fire Protection" organized by IIT Gandhinagar in association with Fire Safe Build India (FSBI)	15/02/2023



32.	Abhinav Sharma, Murli Patel, Priyank Vaidya, Shruti Mishra	B.Tech (CSE)	GFG x GCP Hackathon - Shortlisted for the Regional Round	01/03/2023
33.	Arpit Mathur, Balasra Vatsal, Varzil Thakkar, Dev	GFG x GCP Hackathon	GFG x GCP Hackathon - Shortlisted for the regional round	01/03/2023
34.	Manav Patel	B.Tech (Petroleum Engineering)	IPTC Young Member Activities	01/03/2023 to 03/03/2023
35.	Shubham PATEL	B.Tech (Petroleum Engineering)	IPTC Young Member Activities	01/03/2023 to 03/03/2023
36.	Tapan Shukla	M.Tech. (Advanced Manufacturing)	ISTE/GSFC National Award for the Best M.Tech. Thesis by the Indian Society for Technical Education (ISTE)	04/03/2023
37.	Manav Surti	B.Tech (CSE)	The Bug Quest - 3 <sup>rd</sup> position	08/03/2023
38.	Abhisht Chauhan, Harshit Chodvadiya, Rishit Lunia	B.Tech (CSE)	Hackvengers, Parul University - 2 <sup>nd</sup> position	13/03/2023
39.	Devashri Gandhi	M.Tech. (Environment Engineering)	Received the Best Paper Award in the International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai	16/03/2023 to 17/03/2023
40.	Anuj Patel, Disha Mewada, Param Dhami, Tanish Patel	B.Tech (CSE)	Inspectron, IIT Roorkie -3 <sup>rd</sup> position	26/03/2023
41.	Shubham Kela Aloukik Dave	M.Tech. (Environment Engineering)	Won the Trash o Mania Competition organized by Envirofreaks PDEU	27/03/2023

42.	Shrey Vimawala	B.A. (Hons.)/B.B.A. (Hons.)	Shrey Vimawala Recently Received A Scholarship Of ₹ 10,000 From The Southern Gujarat Chamber Of Commerce & Industry For My Higher Secondary Results And Also Received A Certificate For Recognition.	27/03/2023
43.	Mh. Kamil Multani, Prithvi Bagul	B.Tech. Civil and M.Tech. Civil (Transportation Engineering)	First place in Track 2 and second place in Track 1 among 24 teams from 8 countries in the Data Science for Pavements Symposium (DPS).	28/03/2023
44.	Jeet Davda	B.Tech. (ICT)	99.58 percentile in CAT	April 2023
45.	Ishika Shah	M.A.	An entrepreneur, singer and Zumba instructor. She judged and organised a Zumba workshop, in “BNI Kids Got Talent”,	April 2023
46.	Amit Ramrakhyani, Barbie Sharma, Disha Mewada, Kunal Kumar Sahoo, Tanish Patel	B.Tech (CSE)	Robofest 3, Science City, Ahmedabad - Shortlisted for PoC Round	18/04/2023
47.	Anuj Patel, Darshil Sheth, Pushkar Kadam, Raj Randive, Tithi Dangarwala	B.Tech (CSE)	Robofest 3, Science City, Ahmedabad - Shortlisted for PoC Round	18/04/2023
48.	Maan Kansagra	B.Tech. (ICT)	13 <sup>th</sup> Rank in the National Creative Ability Test (NCAT)	May 2023
49.	Ahmed Mulla, Priyanshu Malaviya	B.Tech (CSE)	Samsung Solve for Tomorrow - Top-50	31/05/2023

50.	Vardhan Shah	M.Tech.	Got selected in placement, RIL	15/06/2023
51.	Kanksha Anjaria	M.Tech.	Got selected in placement, RIL	15/06/2023
52.	Jyotam Suthar	M.Tech.	Got selected in placement, RIL	15/06/2023
53.	Vishal Bhoi and Ayush Katyare	B.Tech (Petroleum Engineering)	-	20/06/2023 to 21/06/2023
54.	Aparna Tejaswini	B.A. (Hons.)/B.B.A. (Hons.)	HR internship on Employee Relations in Hindalco Industries Ltd of Aditya Birla group in Birla Copper, Dahej.	24/05/2023 to 23/06/2023
55.	Raiwant Modh	B.Tech (Petroleum Engineering)	Field works in Kutch Onshore	26/06/2023
56.	Mohammadtaukir Karigar	B.Tech (Petroleum Engineering)	GATE AIR-1, 2022	---
57.	Bhumin Baraiya	B.Tech (Petroleum Engineering)	GATE AIR-2, 2022	---
58.	Manav Chaudhary	B. Tech. (Computer Engg.)	GATE AIR-17, 2022	---
59.	Yash Patel	B. Tech. (Computer Engg.)	GATE AIR-19, 2022	---

## Annexure-7: Paper Presentations by students at International/National Conferences

Sr. No.	Name	Roll No.	Conference/ Seminar/ Workshop	Date	Country
1.	Yashkumar Patel	20RSE003	Conference	13/07/2022	India
2.	Shivang Alok	20RMA001	Conference	25/07/2022 to 02/08/2022	India
3.	Shivang Alok	20RMA001	Conference	18/08/2022 to 19/08/2022	India
4.	Darji Kishan	20RC001	Conference	22/08/2022	India
5.	Uttam Vyas	20RC002	Conference	22/08/2022	India
6.	Aritkumar J. Patel	20REE001	Conference	2/09/2022 to 4/09/2022	India
7.	Chetna Shukla	21RMA007	Conference	02/09/2022 to 04/09/2022	India
8.	Naznin Shaikh	20RSE004	Conference	11/9/2022	Poland
9.	Somanand Saraswati	18PhD14	Graphic Retelling : An Exmination of Traditional Folktales in Graphic Narratives	20/09/2022	Dubai
10.	Riddhi Patel	21RCY007	Know Your Material: Insights to Materials Characterization (Workshop)	24/09/2022	India
11.	Hardagna Vora	20RMA002	Conference	29/09/2022 to 01/10/2022	India
12.	Ranjit Mohili	21RCY008	Conference on Advances in Catalysis for Energy and Environment (CACEE -2022)	31/10/2022 to 4/11/2022	India
13.	Neel Gandhi	18BCP072	Conference	04/11/2022	UK
14.	Ananya Bajoria	21BPE054	PDEU SPE Fest 2022	12/11/2022	India
15.	Ranjit Mohili	21RCY008	IUMRS-ICA 2022, JODHPUR (Conference)	19/12/2022 to 23/12/2022	India
16.	Jeny Gosai	22RCY004	IUMRS-ICA 2022, JODHPUR (Conference)	19/12/2022 to 23/12/2022	India
17.	Sangita Patil, Binjal Soni, Ronak Makwana, Deep Gandhi, Devam Zanzamera	22MDS006, 22MDS010, 18BCP093, 18BCP017, 18BCP022	Conference	22/12/2022	Varanasi, India
18.	Soham Vyas	21MDS010	Conference	22/12/2022	Maldives

19.	Falak Patel, Aarya Patel	18BME023 18BME001	Conference	24/12/2022 to 26/12/2022	India
20.	Monika Patel	20RCY008	Materials and Methods towards Developing Sensors for Public Safety (Workshop)	9/01/2023 to 15/01/2023	India
21.	Ranjit Mohili	21RCY008	SERB Karyashala Materials and Methods towards Developing Sensors for Public Safety (Workshop)	9/01/2023 to 15/01/2023	India
22.	Amit Hirpara, Siddharth Patel	19BCP008, 19BCP130	Conference	27/01/2023	Abu Dhabi
23.	Kajal Mahabari	JRF	International Materials Conclave and 33rd Annual Foundation Day (IMC-2023)	8/02/2023 to 10/02/2023	India
24.	Priyanka Raval	21MCL010	Conference	09/02/2023 to 11/02/2023	India
25.	Tirtha Trivedi, Jay Dhorawala	21MEN011 21MEN007	Conference	01/03/2023 to 02/03/2023	India
26.	Monika Patel	20RCY008	Emergent Materials for Energy and Environment (EMEE- 2023) (Conference)	4/03/2023 to 5/03/2023	India
27.	Riddhi Patel	21RCY007	Emergent Materials for Energy and Environment (EMEE- 2023) (Conference)	4/03/2023 to 5/03/2023	India
28.	Zubin Rami, Prathith Patel	19BCL109 19BCL078	Conference	03/03/2023 to 05/03/2023	India
29.	Hiral Mistry	19BSC005	Removal of synthetic azo dyes from wastewater through application of Electro- Fenton and Photo electro-Fenton process	11 /03/2023 to 12/03/2023	India
30.	Nabhi Shah, Saumya Shah, Pulak Jain, Priyansh Sanghavi	20BCP004, 20BCP015, 20BCP029, 20BCP313D	Conference	13/03/2023	India
31.	Hardeep Patel, Nishtha Chaudhari, Meet Kavathiya	20BCP098, 20BCP249, 20BCP039	Conference	14/03/2023	India
32.	Neelam Belani, Dhruvin Sojitra, Devashri	19REN001 21MEN003 21MEN002 21MEN008 21MEN010	Conference International Conference on Environmental Sustainability (ICES-	16/03/2023 to 17/03/2023	India



	Gandhi, Meet Dhamsani Nihar Valia, Deepti Christian, Jesic Patadiya, Tej Patel, Hetvi Dani, Sohail Jawalkar, Tirtha Trivedi,	21MEN004 22MEN004 22MEN006 21MEN006 22MEN002 21MEN011	2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai		
33.	Ranjit Mohili	21RCY008	1st International Conference on Green Hydrogen for Global Decarbonization (ICGHGD-2023)	17/03/2023 to 18/03/2023	India
34.	Kajal Mahabari	JRF	1st International Conference on Green Hydrogen for Global Decarbonization (ICGHGD-2023)	17/03/2023 to 18/03/2023	India
35.	Touseef Fayaz, Vishal, Rituparna Bhattacharyya, Vijay Kalal	21RMA009, 21RMA002, 21RMA003, 21RMA008	Conference	17/03/2023 to 19/03/2023	India
36.	Ranjit Mohili	21RCY008	International Conference on Nanomaterials for Electro-Catalysis Technology (I- CONNECT 2023)"	20/03/2023 to 22/03/2023	India
37.	Praharsh Patel	21RMA006	Faculty Research Symposium	22/03/2023	India
38.	Shivang Alok	20RMA001	Workshop	23/03/2023 to 25/03/2023	India
39.	Naznin Shaikh	20RSE004	7th International Conference on Nanoscience and Nanotechnology ICONN 2023, SRM University, India Poster Presentation	27/03/2023	India
40.	Prithvi Bagul	21MCT010	Conference	28/03/2023 to 30/03/2023	India
41.	Krishi Godhani	19BIT066	Conference	08/04/2023	India
42.	Ishika Gupta	21MAENG05	A Feminist study of domestic violence the movies "Thappad" and darling	13/04/2023 & 14/04/2023	India

43.	Nidhi Jariwala	21MCT007	Conference	20/04/2023 to 21/04/2023	India
44.	Murli Patel	21BCP107	Conference	27/04/2023	India
45.	Rishit Dubey	22MCS002	Conference	01/05/2023	India
46.	Kinshuk Gaurav, Soham Vyas	22MDS009, 21MDS010	Conference	17/05/2023	UK
47.	Shivang Alok	20RMA001	Conference	17/05/2023 to 19/05/2023	India
48.	Monika Patel	20RCY008	WASTE TO BEST: Sustainable Environment Remediation Strategies and Solution (Seminar)	19/05/2023 to 20/05/2023	India
49.	Riddhi Patel	21RCY007	WASTE TO BEST: Sustainable Environment Remediation Strategies and Solution (Seminar)	19/5/2023 to 20/05/2023	India
50.	Zubin Rami, Prathith Patel	19BCL109 19BCL078	Conference	19/05/2023 to 20/05/2023	India
51.	Ashlesha Yawalkar	22BABBA078	AISSAC	24/05/2023	Srilanka
52.	Dhruv Kothari	21BABBA035	AISSAC	24/05/2023	Srilanka
53.	Riddhi Patel	21RCY007	Advanced Energy Storage Systems: Synthesis of Materials, Characterizations and Applications - Workshop	5/06/2023 to 6/06/2023	India
54.	Monika Patel	20RCY008	Advanced Energy Storage Systems: Synthesis of Materials, Characterizations and Applications - Workshop	5/06/2023 to 6/06/2023	India
55.	Ranjit Mohili	21RCY008	Advanced Energy Storage Systems: Synthesis of Materials, Characterizations and Applications - Workshop	5/06/2023 to 6/06/2023	India
56.	Kunika Verma	19BABBA237	Gender and Enterprize Size: A study on Tertiary Level Students Career Choice	6/06/2023 & 7/06/2023	Malaysia
57.	Saumya Jhaveri	20BABBA014	Impact of AI on work, Leisure, Wage and Global Economy	6/06/2023 & 7/06/2023	Malaysia
58.	Vrundali Inamdar	19BABBA128	Examining the Role of Self Help Groups in Empowering Rural	6/06/2023 & 7/06/2023	Malaysia

			Women: A Case of Villages in Vadodara and Ahmedabad		
59.	Muskan Sharma	19BABBA049	Water Conservation Mechanism in Urban Areas	6/06/2023 & 7/06/2023	Malaysia
60.	Vatsal Somaiya	19BABBA221	A Study on Understand Capitalism, The American Dream and American Society Through The Perspective of the Play Death of a Salesman	6/06/2023 & 7/06/2023	Malaysia
61.	Palak Rajput	19BABBA071	Work life balance among female employees - A study of Gujarat Police Department	6/06/2023 & 7/06/2023	Malaysia
62.	Parth Patil Tirth Bhatt	19BME088 19BME118	Conference	17/06/2023 to 18/06/2023	UAE
63.	Shivang Alok	20RMA001	Conference	17/06/2023 to 18/06/2023	UAE
64.	Ananya Mishra	19BABBA077	HR Policies @ Attrition in Indian Software Sector - A Case Study of TCS	25/06/2023 & 26/06/2023	Singapore

## Annexure-8: Conferences/ Workshops /Seminars/Conclaves

Sr. No.	Name of Department/ School	Name of Event	Type (Conferences/ Workshops / Seminars/ Conclaves)	Level (State / National/ Int. National)	Date (dd/mm/yyyy)
1.	SoT	Advanced Technologies in Dissimilar Metal Welding (DMW – 2022) & DAE Technology Awareness Meet – II	Workshop	National	15/07/2022 to 16/07/2022
2.	SoT	8-bit CPU Design using Logisim	Workshop	National	18/07/2022
3.	SoM	TABLEU	Workshop	School level	23/08/2022
4.	PDEU	Smart India Hackathon 2022	Hackathon	National	25/08/2022 to 26/05/2022
5.	SLS	One-Day Field Trip To Polo Forest – Himmat Nagar	Workshops	State	26/08/2022
6.	SoT	International Conference on Sustainable Energy and Clean Technologies ICSECT-2022	Conference	International	2/09/2022 to 4/09/2022
7.	SLS	Economic And Political Weekly Research Foundation India Time Series	Workshops	State	20/09/2022
8.	PDEU	Tic-Tac-Toe Hackathon	Hackathon	State	8/10/2022 to 9/10/2022
9.	SLS	An Industrial Visit To Madhur Dairy And Akshay Patra	Workshops	State	07/10/2022
10.	SLS	Garima Project Launch Event	Workshops	State	08/10/2022
11.	SLS	Planning And Preparing For Research Dissertation	Workshop	State	13/10/2022 to 14/10/2022
12.	SoET	Seminar on Energy and environmental nexus for Sustainable Development	Seminar	State	10/15/2022
13.	SoT	VLSI Chip Designing: Industry Trends, Career and Job Opportunities – An Outlook	Webinar	National	15/10/2022

14.	SoT	ASM International India National Council (INC) and Gujarat Chapter /organized Materials Day	Seminar	National	15/10/2022
15.	SoET	Seminar on Challenges and Opportunities in Material Science	Seminar	State	10/28/2022
16.	SLS	Qualitative And Quantitative Research Methodology	Workshop	State	10/11/2022
17.	SoM	HR Conclave “Samavesh 7.0” on November 11, 2022	Conclave	National	11/11/2022
18.	SoT	Geotechnical Investigation, Pile Design & Testing for Mumbai – Ahmedabad High-Speed Rail Project	Webinar	National	11/11/2022
19.	SoT	21st Century Skills and Future of Work: Education, Entrepreneurship and Employment	Seminar	National	17/11/2022
20.	SoM	Business Management Symposium - 2022	Conclave	National	07/12/2022
21.	SLS	Gender Sensitization For Faculty Employees	Workshop	State	12/12/2022
22.	SoT	Young Professional Skill Development Programme	Workshop	National	12/12/2022 to 16/12/2022
23.	SoT	Geotechnical Skill Development Workshop	Workshop	National	09/12/2022 to 21/12/2022
24.	SoET	BRIC- 2022 (Bridging Research & Industry Conclave) Speakers from various industries	Conclave	National	20/12/2022 to 22/12/2022
25.	SoT	Job Mix Formula for Pavement Layers	Workshop	National	23/12/2022
26.	SoT	SS_24 Renewable Energies for Sustainable Electric Transportation: Challenges & Opportunities	Conference	International	27/01/2023 to 28/01/2023
27.	SoM	Business Analytics and Blockchain Conclave	Conclave	National	06/01/2023
28.	SoET	Online Five Days Short Term Training Programme (STTP) on Emerging Multidisciplinary Research (EMR)	Workshop	National	09/01/2023 to 13/01/2023



29.	SoM	MUDRA- The Finance Conclave	Conclave	National	19/01/2023
30.	SoT	Communication System Design using LabVIEW	Workshop	National	20/01/2023
31.	SoT	Basics of MATLAB for Mechanical Engineers	Workshop	National	19/01/2023 to 20/01/2023
32.	SoM	Student Seminar on FUEL CELL	Seminar	School level	25/01/2023
33.	SLS	Study Abroad: Contemporary Issues	Seminar	State	01/02/2023
34.	SoT	Ethical Hacking Workshop (CSI X THM)	Workshop	National	02/02/2023
35.	SoT	Soft Skills Workshop for Engineers	Workshop	National	03/02/2023
36.	SoT	Advanced Manufacturing Processes	Workshop	National	06/02/2023
37.	SoT	Semiconductor in India: Challenges and Opportunities	Seminar	National	07/02/2023 to 08/02/2023
38.	SLS	Discovering New Frontiers: Studying Liberal Science Abroad For Personal And Professional Development	Seminar	State	08/02/2023
39.	SLS	Amul Dairy Anand And Amul Chocolate Plant Mogar	Workshop	State	10/02/2023
40.	SLS	NVIVO SOFTWARE, 2023	Workshop	State	10/02/2023
41.	SoT	One-Day Workshop on Hands-on AI	Workshop	National	11/02/2023
42.	SoT	Machine Learning and IoT in Industrial 4.0 Applications Domains	Workshop	National	13/02/2023
43.	SLS	UGC NET Paper II (economics)	Workshop	State	13/02/2023
44.	SLS	Data Analysis and Report Writing	Workshop	State	14/02/2023 to 15/02/2023
45.	SLS	UGC-NET EXAM	Workshop	State	15/02/2023
46.	SLS	Statistical Tools For Mass Communication Research	Workshop	State	15/02/2023
47.	SoT	NVIDIA DLI Workshop on Fundamentals of Deep Learning	Workshop	National	18/02/2023
48.	SLS	Bombay Stock Exchange - India International Exchange Gift City	Workshop	State	23/02/2023

49.	SoM	SPSS	Workshop	School level	24/02/2023
50.	SoT	Advanced Manufacturing Processes	Workshop	National	24/02/2023
51.	SoM	Student Seminar on G20 & L20	Seminar	School level	03/03/2023
52.	SoT	NAD/Digi Locker & Academic Bank of Credit for Effective Implementation of NEP/2020,	Workshop	National	03/03/2023
53.	SoT	Advanced Manufacturing	Workshop	National	04/03/2023
54.	SoT	Session Chair Track 2- pre-treatment and adsorption in 2nd International Conference on Advances in Water Treatment and Management (ICAWTM23)	Conferences	Int. National	11/03/2023
55.	SoT	3D Printing	Workshop	National	9/03/2023 to 11/03/2023
56.	SoT	Session Co-Chair Track 5 pre-treatment and removal of contamination from the water in 2nd International Conference on Advances in Water Treatment and Management (ICAWTM23)	Conferences	Int. National	12/03/2023
57.	SoT	Advances in Water Treatment and Management (ICAWTM/23)	Conference	International	11/03/2023 to 12/03/2023
58.	SoT	Advanced Manufacturing Processes	Workshop	National	13/03/2023
59.	SoET	Seminar on Computational Explorations in Solid Surfaces to Biomolecules	Seminar	State	14/03/2023
60.	SoET	Online webinar on A brief Product life science and understanding of engineering roles in EV industry	Webinar	State	14/03/2023
61.	SLS	UGC-NET PAPER-II (National Eligibility Exam)	Workshop	State	16/03/2023
62.	SoT	Plunge into the Field of AI@PDEU	Seminar	National	17/03/2023

63.	SLS	Vimarsh Seminar Series: Inaugural Event	Seminar	State	17/03/2023
64.	SoET	Seminar on Resources at ACS for technical and professional development	Seminar	State	18/03/2023
65.	SoT	Advanced Manufacturing Processes	Workshop	National	18/03/2023
66.	SoT	One day workshop on Futuristic Smart Electrical Power Systems	Workshop	State	21/03/2023
67.	SoT	Advanced Manufacturing Processes	Workshop	National	22/03/2023
68.	SoT	Quantum Computing	Workshop	National	23/03/2023
69.	SoT	Open GL Workshop	Workshop	National	24/03/2023
70.	SoT	Wireless, Antennas and Microwaves	Seminar	National	24/03/2023 to 25/03/2023
71.	SoT	Modern Surveying using Drones, GPS, and Total Station	Workshop	National	25/03/2023
72.	SoT	Mathematical Modelling of Real-world Applications	Workshop	National	24/03/2023 to 25/03/2023
73.	SLS	Workshop On Ms Excel	Workshop	State	25/03/2023
74.	SLS	On Ai And Its Ethical Implications	Seminar	State	29/03/2023
75.	SLS	Participation In G20 Energy Transition Working Group Event (At The Mahatma Mandir, Gandhinaga	Seminar	State	03/04/2023
76.	SLS	Subjective Self: Workshop On Individual Awareness	Workshop	State	03/04/2023 to 04/04/2023
77.	SoT	EU/India Cooperation on the Clean Energy Transition & Climate Action	Workshop	International	05/04/2023
78.	SoT	Hands-on Workshop on Mastering UI/UX Prototyping with Figma	Workshop	National	08/04/2023
79.	SoT	Hands-on Workshop on Mastering UI/UX Prototyping with Figma	Workshop	National	08/04/2023
80.	SLS	Workshop On Data Visualization Using Tableau	Workshop	State	08/04/2023
81.	SoT	Arduino 101	Workshop	National	11/04/2023
82.	SLS	Real-Life Effectiveness Of Counseling & Psychotherapy To Promote Holistic Well-Being	Workshop	State	10/04/2023 to 11/04/2023
83.	SoT	Know the Power of AI	Workshop	National	15/04/2023

84.	SoT	Latex	Workshop	National	17/04/2023 to 18/04/2023
85.	SLS	National Forensic Science University (Nfsu), Gandhinagar	Workshop	State	05/04/2023 to 18/04/2023
86.	SLS	Expressive Psychotherapies: Restoration Through Creativity	Workshop	State	18/04/2023
87.	SLS	Workshop On Know Your Major-Minor	Workshop	State	19/04/2023 to 20/04/2023
88.	SLS	A Special Interactive Session On Careers In Economics	Workshop	State	21/04/2023
89.	SoT	Reliable Hardness Testing	Workshop	International	25/04/2023
90.	SoT	Placement Talks: Let Us Speak the Unspoken Words	Seminar	National	26/04/2023
91.	SoT	Advances in Biofuel and Chemical Engineering	Workshop	National	28/04/2023
92.	SoT	Latest Trends in Engineering	Workshop	National	28/04/2023
93.	SoT	Advanced Manufacturing	Workshop	National	29/04/2023
94.	SoT	Unlocking Doors to Engineering	Seminar	National	30/04/2023
95.	SoT	Basics of CFD	Workshop	National	13/05/2023
96.	SoT	MATLAB for Engineers	Workshop	National	23/05/2023
97.	SoT	One-day hands-on Training program on Wind tunnel, Pump, and Turbine	Workshop	National	05/06/2023
98.	SoT	SDP on Power Engineering	Workshop	National	09/06/2023
99.	SoT	Wireless, Antenna & Microwave Symposium	Conference	National	07/06/2023 to 10/06/2023

## Annexure-9: Visitors

Sr. No.	Name	Designation	Company	Date (dd/mm/yyyy)
1.	Mrs. Kiran Sharma	Chief General Manager	SSM, Ahmedabad	26/07/2022
2.	Mr. Mayank Kumar	Reservoir Engineer	ONGC	26/07/2022
3.	Prof. S. K. Agrawal	Professor	The M.S. University of Baroda	16/09/2022
4.	Mr. Anurag Patel	Assistant General Manager	Linde Engineering India Pvt. Ltd.	16/09/2022
5.	Ms. Bijal Parmar	Head	Unit Tech. Metallurgical Services, Ahmedabad	16/09/2022
6.	Mr. Krishnakant Pandey	AGM/Special Consumables	Lincoln Electric Company (I) Pvt. Ltd	26/09/2022
7.	Mr. Parimal Govani	Scientist	SAC/ISRO, Ahmedabad	04/01/2023
8.	Dr. Michael Neumann-Spallart	Professor	CNRS, France	11/01/2023
9.	Dr. Vipul Kheraj	Professor	SVNIT	02/02/2023
10.	Prof. Anish Jantrania	Professor	Texas A&M University	08/02/2023 to 09/02/2023
11.	Mr. James Hall	Head	Carbon Clean, London England, UK	09/02/2023
12.	Dr. Bishwajit Ganguly	Sr. Principal Scientist	CSIR CSMCRI	15/03/2023
13.	Dr. Dhruvesh Mehta	Manager/Technology	Transformers & Rectifiers (India) Ltd	17 March 2023
14.	Prof. Venkata Krishnan,	Professor	IIT Mandi, India	17/03/2023
15.	Prof. Rajul Gajjar	Principal	L D College of Engineering, Ahmedabad	24/03/2023
16.	Prof. Minal Bhise	Professor	DACIIT, Gandhinagar	07/04/2023
17.	Mr. Brijesh Kothari	Technical Lead	Civica	11/04/2023
18.	Dr. Mukesh B Joshi	Former Chief General Manager	SSNNL	12/04/2023
19.	Mr. Vimal Rughani	CEO	Virtual reality	13/04/2023
20.	Mr. R. D. Chauhan	Additional Gen. Manager	NTPC Limited, Kawas Gas Power Project, Surat	13 April 2023
21.	Shri Rajesh Bhatt	Chief Fire Officer	Ahmedabad Municipal Corporation	21/04/2023



22.	Dr. Rajkumar Buyya	Distinguished Professor	University of Melbourne, Australia	25/04/2023
23.	Shri. Pravesh Gupta	Country Reliability Manager	HLS Asia Ltd.	26/04/2023
24.	Mr. Vishal Barad	Consultant and Technology Head	Industry, Ahmedabad	15/05/2023
25.	Dr. Maulika Patel	Prof. and Head	G H Patel College of Engineering & Technology, Anand, Gujarat	15/05/2023
26.	Dr. Ritesh Patel	Prof. and Head	CSPIT, Changa, Gujarat	15/05/2023
27.	Mr. Rahul Bohra,	Head	AVP Products, Cygnet Infotech, Ahmedabad	15/05/2023
28.	Mr. Nitin Jain,	Senior Project Software Engineer	Oracle	15/05/2023
29.	Mr. Riyaz Ladhani	Head of Information Security	TCS, Gandhinagar	15/05/2023
30.	Mr. Nirav Sanghavi	Engineering Director	Sophos, Ahmedabad	15/05/2023
31.	Mr. Hardik Dhokai	Head	Vedikin Solutions, Ahmedabad	15/05/2023
32.	Dr. Narendra Chauhan	Professor	ADIT, Anand	15/05/2023
33.	Mr. Bhumik Nayak	Software Engineer	Oizom, Ahmedabad	15/05/2023
34.	Dr. Kiran Trivedi	Associate Professor	Vishwakarma Govt Engineering College, Chandkheda	16/05/2023
35.	Mr. Vishal Barad	Software Engineering	TCS Gandhinagar	16/05/2023
36.	Dr. Sudip Tanwar	Professor	Nirma University	16/05/2023
37.	Dr. Niraj Shah	Head	CIC Ltd, Ahmedabad	16/05/2023
38.	Dr. Dhaval Parikh	Professor	GECC, Gandhinagar	17/05/2023
39.	Dr. Vivaksha Jariwala	Associate Professor	Dept. of Information Technology, SCET	17/05/2023
40.	Mr. G. S. Bhammar	Head / R&D	ICE Make Refrigeration Ltd	25/05/2023
41.	Prof. Gopal Mahapatra	Professor of Practice/OB & HRM	Indian Institute Of Management Bangalore	20/06/2023