



# SHOWCASE OF DIVERSE TALENT POOL AT IUC 2019

**DATE: 18<sup>TH</sup> JAN 2019**





# About Vibrant Gujarat

Vibrant Gujarat Summit was conceptualized in 2003 by Hon'ble Prime Minister of India and the then Hon'ble Chief Minister of Gujarat, Mr. Narendra Modi, to re-establish Gujarat as a preferred investment destination within India. It is a biennial summit which has evolved into a platform for brainstorming on agendas of global socio-economic development, in addition to being a facilitator for knowledge sharing and forging effective partnerships.





# About International Universities Conclave



Pandit Deendayal Petroleum university hosted the “International Universities Conclave (IUC) 2019” on 18th January 2019 scheduled by Government of Gujarat on the sidelines of “Vibrant Gujarat Global Summit 2019”.

IUC 2019 aimed to foster Academic Collaborations through Internationalization, Promotion of R&D and Innovation and Skill Development among National & International Universities and was graced by Hon’ble Education Minister of Gujarat - Shri Bhupendrasinh Chudasama and Hon’ble Minister of State, Primary & Higher Education - Smt. Vibhavariben Dave. The event was attended by more than 50 International delegates; Vice Chancellors of Gujarat based Universities and Policy makers.







## OSAIL AND SLS EXHIBITION

The stall designed by the Office of Students Activities, Involvement and Leadership along with the School of Liberal Studies aimed to communicate a range of activities students undertake to give an edge to their skills and knowledge. Paintings, Craftwork, Robot, Drones, AV cars, Telescope, and Engine Models at display made the visitors understand how the students at PDPU work towards to push their limits and achieve excellence. To welcome the guests, students of Rang – Fine Arts club created flower Rangoli which was a point of attraction for international delegates. The students received appreciation from Hon'ble Education Minister and Hon'ble minister of State, Primary & Higher Education. Soul Pepper – Theatre & Dance Club and Offbeat – the music club showcased students' talent in performing arts through cultural program to give a glimpse of Indian Dance and Music to the International Delegates. The cultural program offered taste of Indian Classical, folk and contemporary dance, Jugalbandi between Sitar and Flute and Patriotic group songs.

### **Showcase of Diverse Talent Pool at IUC 2019**

As a part of the IUC 2019, PDPU organized an exhibition and tapped this opportunity to showcase activities conducted by various departments and offices in PDPU aiming to holistic development. A total of 15 stalls were put up by departments namely OIR, OSAIL, GERMI, PDPU IIC, and student research projects. The exhibition proved to be a great success and was highly appreciated.



# OIR

The main objective behind setting up the exhibition stall was to enlighten the International & National Delegation and students about the various opportunities offered by OIR i.e., International Roundtables & Conferences, Study in India Program, International Exposure Program, Semester Exchange/Abroad Program, Travel Grant Program, International Students Admission, International Admission Assistance, International Faculty/Student Exchange, etc. The goal of making students & delegation more clear about the opportunities OIR provides has been achieved with the help from approx. 35 international volunteers who are the full-time foreign students of PDPU from more than 10 countries. Various International Delegates & Education Minister, Govt. of Gujarat have appreciated PDPU International Students & OIR for grabbing the opportunity in a unique way to showcase the diverse activities of the OIR. In addition to this, Student visitors laid more interest in knowing International Exposure Program, 2+2 program, Semester Exchange Program and more about knowing how many International Delegates visited the campus.





# AIESEC



AIESEC is a school of experiences which provides numerous chances to grow and develop. AIESEC is the world's largest youth-run international organization. With 126 countries and ONE single vision. One single vision of exploring and developing leadership potential. AIESEC provides a platform for young people in different universities and colleges, by going on an international internship and/or by joining various local chapters. These young individuals can develop their leadership potential by working and leading International teams. Associate membership opportunities allow young people to work with various NGO partners of AIESEC. At the exhibition held at PDPU, some wonderful people from Indonesia, Turkey, China, and Sri Lanka talked about their experiences and journey in AIESEC, facilitating a beautiful cultural exchange. The showcase also showed experiences of the students of PDPU who had gone for their leadership exchanges to different countries like Indonesia, Turkey, Vietnam, Poland etc. The art forms of China and the flags of different countries were showcased representing the diversity to which AIESEC contributes at PDPU.





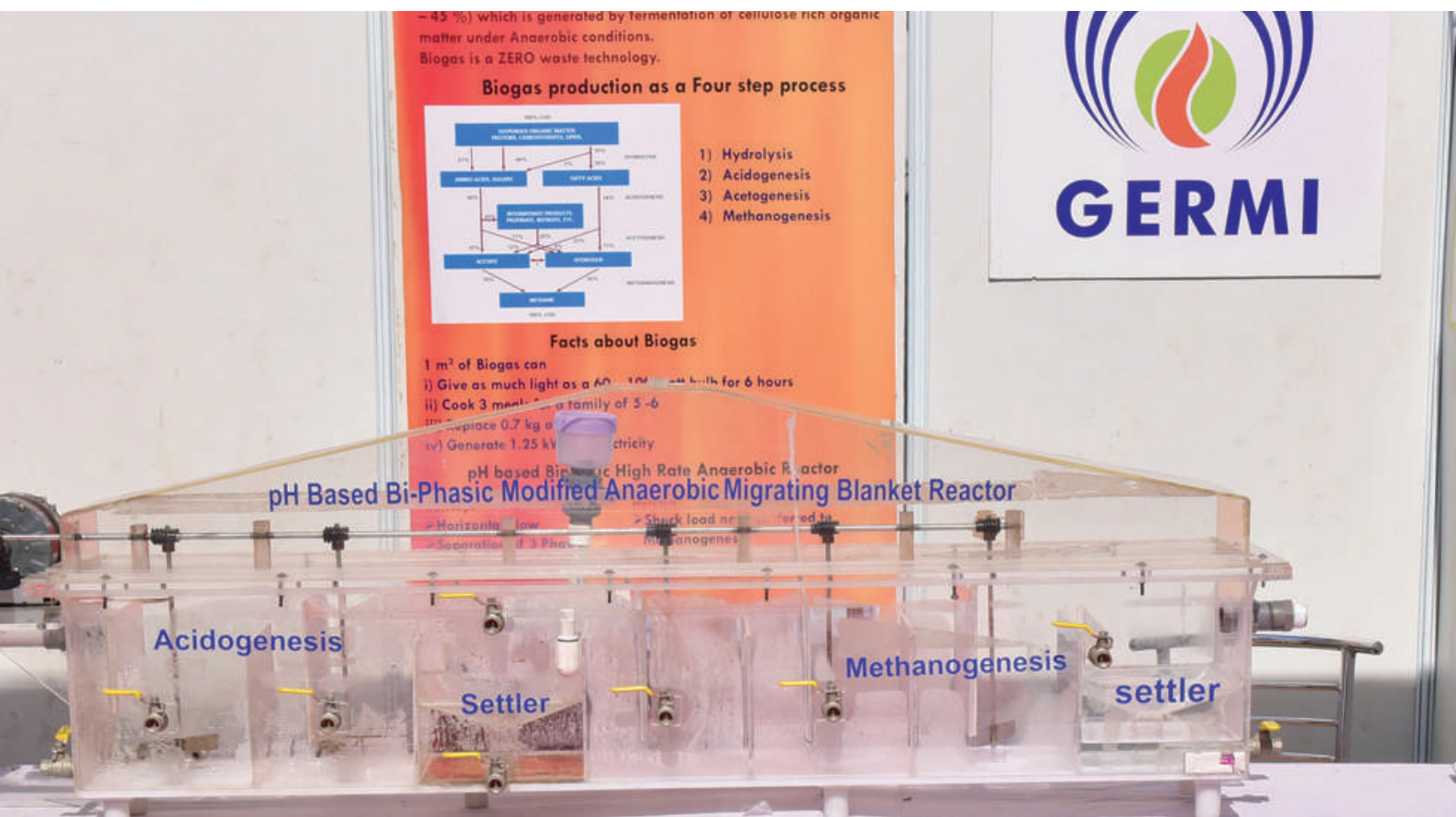
# CEGE

Centre of Excellence for Geothermal Energy (CEGE) was presented with an opportunity to exhibit the work done for the development of geothermal energy in Gujarat. A model of Geothermal- Solar Hybrid System along with various posters was showcased at the CEGE stall. This included information about geothermal geophysical activities like, 3D Magnetotelluric survey, Seismic survey, Gravity survey and Magnetic survey. CEGE was also proud to demonstrate a poster on India's first and only Geothermal Space Heating and Cooling system at Dholera. This is a one of its kind system that provide Air-Conditioning at Swaminarayan Temple at Dholera and also produces a hot water output of 80° celsius . There was a lot of interest in the work CEGE has done especially by the delegates visiting from companies like Reliance, Voltas etc. The future projects were also showcased at the stall that included facts and information about Organic Rankine Cycle, soon to be integrated with Geothermal Space Heating and Cooling system at Dholera, Gujarat. This will generate electricity from geothermal energy for the first time in the country. It was a tremendous learning experience, as participants got an opportunity to interact with delegates from multiple industrial backgrounds and various Universities.





# GERMI



GUJARAT ENERGY RESEARCH AND MANAGMENT INSTITUTE (GERMI) is a centre of excellence in the energy sector, promoted by Gujarat State Petroleum Corporation Limited (GSPC), a Government of Gujat Undertaking. Germi has four mandates : Research & Development, Consultancy, Training and Education. Germi department showcased its search project at the conclave.





# ORSP

## (Office of Research and Sponsored Programs)

Various student research projects were given the opportunity to exhibit the research work done by them. A total of 6c student research projects working on the field of Solar energy, Climate Modelling, Wastewater Treatment, Solid Waste Management, Renewable Energy, Welding research, etc. exhibited their research work and models.

1.Solar cell recycling model and PID model were showcased at the stall of Solar Research and Development Centre (SRDC). They received a tremendous response from the delegates who visited the stall. During the presentation at the summit, they received many valuable inputs from the players in the Solar EPC field.

2.Environmental Engineering Laboratory displayed the salient research work being carried out in the field of Climate Modelling, Wastewater Treatment and Solid Waste Management. The poster titled “Monitoring and Modelling the moderating capability of a water body in an urban area” had won the first prize in the Student Start-up and Innovation Program (SSIP) under the Student Innovation Challenge 2018 organized by Government of Gujarat in September, 2018.





3. Amongst a few selected projects of ORSP, the project on Heavy metal ion removal using Micellar Enhanced Ultrafiltration led by Amit Vaghasia, Maaz Maniar and Yagna Hirpara under the guidance of Dr. Manish Kumar Sinha was well received by the visitors. Hon'ble Minister of education of Gujarat along with foreign universities representatives appreciated the project.

4. Nearly six prototypes had been displayed at Exhibition with the objective of creating awareness amongst the people regarding the use of renewable energy sources such as solar, wind, geothermal, biomass and tides for rural (off-grid) energy service, electricity generation, heating and cooling. The entire prototypes were working models and belong to affordable segments that are two or three years away from marketing their way.

5. "Center of biofuels and bioenergy studies lab" displayed a total of 3 Posters of various research works were displayed along with their samples. Excellent appreciation was received about the work being done from all the delegates and from the Mr. Bhupendrasinh Chudasma.

6. Chemical Engineering Department students were given a chance to showcase the work and presented a brief overview through a Poster on the synthesis of membrane for the waste water treatment which is a trending topic nowadays. Mr. Bhupendrasinh Chudasma visited the stall and the students explained him about this new emerging technology, the use of that technology in daily life and its advantages and he appreciated our work in this field.





# PDPU

## Innovation and Incubation Centre



PDPU Innovation & Incubation Centre (PDPU IIC) is an incubator established by Pandit Deendayal Petroleum University (PDPU). PDPU IIC is registered u/s 8 of Companies Act, 2013. It is recognized as Nodal Institute by Govt. of Gujarat and registered as Startup India Incubator under DIPP (Department of Industrial Policy and Promotion, Govt. of India). PDPU IIC is born with the aim of converting the brimming potential of budding Engineers, Management Students and Technocrats into innovation-driven business ventures leading to technical renaissance. We are incubating 50+ Start-ups from the different domains such as waste management, energy and environment, IT & IOT, Fintech, Cleantech, etc. As a part of the exhibition, PDPU IIC showcased 12 of its incubated start-ups. Shri Bhupendrasinh Chudasama, Hon'ble Education Minister of Gujarat; Smt. Anju Sharma, IAS; Smt. Avantika Singh, IAS and the delegates interacted with the start-ups and appreciated their ideas and the efforts put by PDPU IIC under the Student Start-up and Innovation Policy. Hon'ble Education Minister expressed that start-ups working in social sector are the foundation in shaping a new India.



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