

CV NEWS

NEWSLETTER, ISSUE:2

January – June, 2023

CIVIL ENGINEERING DEPARTMENT



PANDIT DEENDAYAL ENERGY UNIVERSITY

Gandhinagar, Gujarat





OUR VISION

To prepare competent Civil Engineers through technovations, research and excellence in education for serving evolving human needs and ensuring sustainable development.



OUR MISSION

1. To ignite and energize young minds and arm them with the 'Roots of Knowledge' and 'Wings of Creativity'.
2. To excel as a 'Problem Solver' by promoting and supporting cutting edge research, innovations and excellence in education.
3. To Unfold 'new realms of Civil Engineering' addressing the needs of the Industry and Society for sustainable development.





Prof. Dhaval Pujara
Director, School of Technology

I hope this message finds you all in good health and high spirits. I am extremely joyous to put forward the News Letter of the Civil Engineering Department for Jan - Jun, 2023 which is full of accomplishments. I am over-whelmed to note that our students are winning 'Best Paper Awards' which is testimony of the high standards of teaching-learning and research at our university. The invitations received by our faculty members to Chair Sessions in prestigious National and International Conferences further reinforces the stamp of excellence which our faculty members hold for their knowledge and expertise. The technical events conducted by the department were indeed very though provocative and very well received by our students. The visit of very senior Industry Professions and Academicians from universities like Texas A&M adds great value to the entire teaching-learning process and I am sure about the rich benefits which our students will have from these. What impresses me the most is the field exposures which our students are getting and I congratulate the entire department for their efforts and meticulous planning.

In closing, I want to congratulate the entire Civil Engineering Department for their unwavering commitment to our department's goals aligned with university's vision. Let us continue to work together, supporting and uplifting one another, as we strive for excellence in the coming months.

Happy Reading and with Best wishes,

Prof. Dhaval Pujara
Director,
School of Technology,
Pandit Deendayal Energy University





Dr. Dhruvesh P Patel
HoD & Associate Professor

Welcome to the Department of Civil Engineering, School of Technology, Pandit Deendayal Energy University (PDEU), Gandhinagar!!

I am delighted to share the newsletter of Civil Engineering department for the Month of Jan - Jun 2023. This newsletter shows the vibrancy of Civil engineering department through various students' achievements, faculty publications, student's industry visit, departmental events, research projects, state of an art laboratory, and consultancy works. I, head of Civil Engineering department congratulate the entire civil engineering team i.e. faculties, staff and students for their outstanding contribution and support to departmental activities. Heartiest congratulations to the Editorial and students team for in-house design and publication.



Dr. Anurag Kandya
Editor-in-chief & Associate Professor

I joyfully table the News-Letter of the Department. This platform is indeed very special as we get an opportunity to showcase our collective accomplishments and share the knowledge and insights that and exhibit the excellence of our department. I take this opportunity to extend my appreciation to our students who play a vital role in the department's success. Their relentless pursuit of knowledge, enthusiasm, and fresh perspectives invigorate our academic community. I feel exited that our students are being crowned with awards and are being placed in reputed companies. These awards and selections are hallmark of the excellence of the entire teaching learning process and I feel overwhelmed. The unwavering commitment to excellence in research, teaching, and outreach activities of the entire department is truly commendable and it is through the expertise and dedication of the entire faculty team that our department continues to thrive and maintain its reputation for academic excellence.

It was my great pleasure to articulate this news letter and I invite all of you to contribute your valuable research findings, insightful articles, and noteworthy updates and achievements for publication. This is our platform to highlight the groundbreaking work we are doing and inspire one another with our shared passion for our respective fields.

With my best wishes,

Dr. Anurag Kandya



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1. Dignitaries visiting the Department



Prof. Anish Jantrania, Extension Specialist at the Department of Biological and Agricultural Engineering, Texas A & M (TAMU), USA, visited PDEU during Feb. 08-10, 2023.



He interacted with the students of UG, PG and PhD. Faculties from PDEU also discussed with him how the two universities can collaboratively work on various research domains.



Mr. Sagar Deshmukh, Associate Director, LEA South Asia Pvt. Ltd., **Mr. M.B. Joshi**, Former Chief General Manager (Tech) SSNL, **Shri N. B. Patel**, Former Superintending Engineer WRD, Govt. of Gujrat, **Shri M. D. Patel**, Chief Engineer & Additional Secretary, GoG, **Mr. Chandrakant Kumbhani** (Vice President (Community Development Programs), Ambuja Cement Foundation, **Er. P. M. Chaudhary** (Chairman, IEI-GSC, Ahmedabad), **Er. H. U. Kalyani** (Chairman, Water Management Forum), **Er. D. O. Nakrani** (Hon. Secretary, IEI-GSC, Ahmedabad) visited the Civil Engineering Department on 12th April, 2023 and inaugurated the **Institutions of Engineers – Students Chapter at PDEU**.

Dr. Arora, Principal of Government Engineering College visited Civil Engg Labs on 04th May 2023 for research collaboration.



2.

Publications: Research Paper & Book Chapter

Sr No.	Title of the Paper	Name of Journal	Name of Author	Month & Year
1.	Watershed prioritization and decision-making based on weighted sum analysis, feature ranking, and machine learning techniques	Arabian Journal of Geosciences	Dr. Dhruvesh Patel	January 2023
2.	Social Benefit-Cost Analysis for Electric BRTS in Ahmedabad	International Journal of Technology	Dr. Debasis Sarkar	January 2023
3.	River Bathymetry acquisition techniques and its utility for river hydrodynamic modeling	Water Data Management Best Practices	Dr. Dhruvesh Patel	February 2023
4.	Life Cycle Costing Analysis of Grey Water Recycling Systems for Commercial and Residential Projects of Ahmedabad, India	Materials Today Proceedings	Dr. Debasis Sarkar	February 2023
5.	Public Private Partnership Model for Sustainable Bus Rapid Transit System in Ahmedabad, India	International Journal of Construction Management	Dr. Debasis Sarkar	March 2023
6.	Automation in Monitoring of Construction Projects through BIM-IoT-Blockchain Model	Journal of Institution of Engineers, India, Series A	Dr. Debasis Sarkar	March 2023
7.	Grey Wolf algorithmic framework for building energy optimization in India's Köppen-Geiger climatic zones	Advances in Building Energy Research	Dr. Shobhit Chaturvedi	March 2023



3. Achievements of the Faculty Members

Awards and Recognitions conferred on the Faculty members of the Civil Engineering Department



Dr. Debasis Sarkar,

Associate Professor, Civil Engineering Department was felicitated with the 'Distinguished Researcher Award' by Venus International Foundation, Chennai for his significant contribution in the field of Construction Management on January, 2023.

Dr. Anurag Kandya,

Associate Professor, Civil Engineering Department was invited to Chair a Technical Session by SVNIT Surat in the National Conference on Sustainable Waste Management Practices organized by Department of Civil Engineering during January 27 - 28, 2023.





Dr. Anurag Kandya, Associate Professor, Civil Engineering Department was invited by Vigyan Gurjari (A unit of Vigyan Bharti) to give a talk on 'Indian Culture and Climate Change' in the Gujarat Vigyan Sammelan-2023 on 16th February, 2023.

Dr. Ayyana Habal, Assistant Professor, Civil Engineering Department was invited to deliver an expert talk in the 2 days workshop of Research Methodology oorganized by MIT ADT University, Pune during 11-12 March, 2023





Dr. Anurag Kandya,
Associate Professor, Civil Engineering
Department Invited to Chair a Technical session in the International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai, Erstwhile Victoria Jubilee Technical

Institute (Estd. in 1887) commemorating the 100th year of VJTI at Matunga Campus during 16th - 17th March, 2023.

Dr. Rajesh Gujar,
Assistant Professor, Civil Engineering
Department was invited to Chair a Technical session in the International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai, Erstwhile Victoria



Jubilee Technical Institute (Estd. in 1887) commemorating the 100th year of VJTI at Matunga Campus during 16th - 17th March, 2023.



Project titled “Novel nano Materials derived from waste and its application in improving rheological properties of bitumen” has been sanctioned by GUJCOST worth *Rs. 24,00,000/-* by GUJCOST. PI is ***Dr. Rajesh Gujar.***



Dr. Anurag Kandya, Associate Professor, Civil Engineering Department was invited by Center of Training, Indian Institute of Teacher Education, Bhaskaracharya Institute for Space Applications and Geoinformatics (BISAG) which is bringing a series of recorded sessions on Climate change for all the Engineering Faculties to put the knowledge into practice from 27th-29th March 2023. Center of Training, one of the core pillars of Indian Institute of Teacher Education (IITE), organized a Climate Change Trainings for academic fraternities of the state as a part of Memorandum of Understanding signed between Indian Institute of Teacher Education (IITE), Gandhinagar and Climate Change Department, Government of Gujarat. Dr. Kandya was invited to give a talk on *'Economic Impact of Climate Change'* on 29-03-2023.



Dr. Manivel M. received the “Budding Researcher Award-2023” from NIT TRICHY for the significant research contribution to the Civil Engineering Department in AY 2022-23.

Dhruvsh Patel (#370040) | LOGOUT

EGU General Assembly 2023 Vienna, Austria & Online | 23-28 April 2023

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EDI

Advances in pluvial and fluvial flood forecasting and assessment and flood risk management ▶

Convener: Dhruvsh Patel | Co-conveners: Cristina Prieto, Benjamin Dewals

Orals | Wed, 26 Apr, 10:45-12:30 (CEST) Room 1.15/16

Posters on site | Attendance Wed, 26 Apr, 14:00-15:45 (CEST) Hall X4

Posters virtual | Attendance Wed, 26 Apr, 14:00-15:45 (CEST) vHall NH

Orals: Wed, 26 Apr | Room 1.15/16

Zoom Meeting

Mrunalini Rana EGU23

Chairperson Alexia Tsouni Bernard Majani

A participant has enabled Closed Captioning Who can see this transcript?

EGU General Assembly

Invitation



The Institution of Engineers (India), Gujarat State Centre, Ahmedabad,
Civil Engineering Department, PDE University, Gandhinagar &
Water Management Forum, Ahmedabad

Invite you to attend Seminar on

“Innovation and Engineered Green” & Opening of Student Chapter of IEI

On 12th April 2023 @ 10:00AM at LT-1, B-Block, Nr. Auditorium, PDE University, Gandhinagar

Chief Guest



Dr. Mukesh B. Joshi
Former Chief General
Manager (Tech.)
SSNNL,



Prof. Dhaval Pujara
Director, School of
Technology, PDEU,
Gandhinagar

Guests of Honor



Er. N. B. Patel
Former
Superintending Engineer
WRD, Govt. of Gujarat

Guests of Honor



Er. M. D. Patel
C. E. & Addi. Sec. WRD.
Govt of Gujarat &
Past Chairman, WMF



Mr. Chandrakant Kumbhani
Vice President (Community
Development Programs)
Ambuja Cement Foundation
Member BOG, WMF



Keynote Speaker

Mr. Sagar Deshmukh
Associate Director
LEA Associates
South Asia Pvt. Ltd.
(LASA)

:Invitee:



Er. P.M. Chaudhary
Chairman, IEI- GSC
Ahmedabad



Dr. Rajesh Gujar
Assistant Professor, Civil
PDEU, Gandhinagar



Dr. Dhruvesh Patel,
HOD, Civil, PDEU
Gandhinagar



Er. H.U.Kalyani
Chairman, Water
Management Forum



Er. D. O. Nakrani
Hon. Secretary, IEI- GSC
Ahmedabad

For any further information, please contact Coordinators:

Er. Vijay Solanki, Deputy Director, WMF- IEI, Ahmedabad, Mobile 9898418979

Mr. Hitarth Patel, Member Students Chapter, IEI, PDEU, Mobile 9825257863

Let us embrace the Go Green initiative and keep our mother earth clean



The Institution of Engineers (India), Gujarat State Centre, Ahmedabad,
Civil Engineering Department, PDE University, Gandhinagar &
Water Management Forum, Ahmedabad
Jointly organized Seminar on

“Innovation and Engineered Green” & Opening of Student Chapter of IEI

On 12th April 2023 @ 10:00AM at LT-1, B-Block, Nr. Auditorium, PDE University, Gandhinagar

TIME	PROGRAMME SCHEDULE
9:45–10:00	Pre-program Networking Lighting of Lamp by dignitaries & Saraswati Vandana [Welcome of guests by flowers]
10:00–13:00	Welcome Address by Er. P.M. Chaudhary , Chairman, IEI, GSC, Ahmedabad
	Objective & Background of Seminar and Inauguration of Student Chapter IEI, at Civil Engineering Dept. School of Technology, PDEU, by Dr. Rajesh Gujar , Assistant Professor, Civil Engineering Department. School of Technology, PDEU, Gandhinagar
	Address by Guest of Honor Prof. Dhaval Pujara , Director, School of Technology, PDEU, Gandhinagar.
	Address by Guest of Honor Mr. Chandrakant Kumbhani , Vice President (Community Development Programs), Ambuja Cement Foundation, Member BOG, WMF.
	Address by Guest of Honor Er. N. B. Patel , Former Superintending Engineer WRD, Govt. of Gujarat.
	Address by Guest of Honor Er. M. D. Patel , Chief Engineer & Additional Secretary, WRD. Govt of Gujarat & Past Chairman, WMF, Ahmedabad.
	Address by Chief Guest Dr. Mukesh B. Joshi , Former Chief General Manager (Technical and Coordination), Sardar Sarovar Narmada Nigam Limited (SSNNL).
10:00—16:30	Keynote Address by Mr. Sagar Deshmukh , Associate Director, LEA Associates, South Asia Pvt. Ltd. (LASA) on the theme “Innovation and Engineered Green”
	Vote of Thanks by Er. D. O. Nakrani , Hon. Secretary, IEI, GSC, Ahmedabad
10:00—16:30	An Exhibition on “SAVE WATER” exhibit by Water Management Forum (WMF), Ahmedabad



4. Achievements of the Students



Ms. Mrunalini Rana, Research Scholar at Civil Engineering Department of PDEU was awarded a research grant of Rs. 23.85 Lakhs under the Women Scientist Scheme by Department of Science and Technology (DST), Government of India. She is pursuing her research at PDEU under the supervision of Dr. Dhruvesh Patel.

12 M.Tech (Environmental Engineering) students and 01 Research Scholar from the Civil Engineering Department presented their research papers in the International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai, Erstwhile Victoria Jubilee Technical Institute (Estd. in 1887) commemorating the 100th year of VJTI at Matunga Campus during 16 - 17 March, 2023.





Ms. Devashri Gandhi, student of M.Tech (Environmental Engineering) won the 'Best Paper Award' in International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai, Erstwhile Victoria Jubilee Technical Institute (Estd. in 1887) commemorating the 100th year of VJTI at Matunga Campus during 16 - 17 March, 2023.



Ms. Tirtha Trivedi, student of M.Tech (Environmental Engineering) won the 'Best Paper Award' in International Conference on Environmental Sustainability (ICES-2023) organized at Veermata Jijabai Technological Institute (VJTI) Mumbai, Erstwhile Victoria Jubilee Technical Institute (Estd. in 1887) commemorating the 100th year of VJTI at Matunga Campus during 16th - 17th March, 2023.



Mr. Prithvi Bagul, student of M.Tech (Transportation Engineering) (Sem-IV) and Mr. Kamil Multani student of B.Tech. (Civil Engineering) (Sem-VIII) with the team title PDEU_Crushers won in the DSPS-2023 Student Competition hosted by FHWA, USA. This competition was focused on the data science and application of Artificial Intelligence in pavement condition monitoring. Dr. Ayyanna Habal and Dr. Ankit Deshmukh of the Civil Engineering Department were the faculty mentors. More details can be found at <https://dsps-1e998.web.app/leaderboard>



Shubham Kela and Aloukik Dave from the Environmental Engineering branch of M.Tech, won the first prize in the Trash-O-Mania competition organized by Envirofreaks, PDEU for creating a chair from plastic bottles and a showpiece. The event aimed to test the participants' creativity and resourcefulness by challenging them to transform waste materials into visually appealing and practical objects.

5.

Events Organized

Sr No.	Name of Event	Type of Event	Expert Name	Coordinator	Date of Event
1.	Expert talk "Smart Materials for Construction Industry"	Expert Lecture	Dr. B.S.Munjaj, Retd. ISRO Scientist	Dr. Tejas Thaker	2 nd January 2023
2.	Webinar on Application of PANEIA software for pollutant dispersion and EIA applications	Webinar	Mr. Nirav Nagadiya, General Manager FluidynConsultancy Pvt. Ltd	Dr. Dayashankar Kaul	16 th January 2023
3.	Expert talk on "Road Planning and Strategies"	Expert Lecture	Mr. Sagar Deshmukh, Director LEA Associate of South Asiatic Ltd	Dr. Rajesh Gujar	27 th January 2023
4.	Industry Expert Lecture on "Advanced Concrete Technology"	Expert Lecture	Mr. Nirav Gandhi, Retired, Ambuja Cements	Dr. Niragi Dave	30 th January 2023
5.	Structural Symposium "Sky Scraper 1.0"	Symposium	-	Mr. Ronak Motiani	1 st February 2023
6.	Comprehensive and Research Project Review	Review	-	Mr. Manivel & Dr. Manas Bhoi	13 th February 2023
7.	Expert lecture on "Tender and Tendering Process"	Expert Lecture	Mr. Naitik Patel, Senior Civil Engineer Gujarat Narmada Valley Fertilizers & Chemicals Limited	Dr. Naimish Bhatt	15 th February 2023
8.	Structural Symposium "Sky Scraper 2.0"	Symposium	-	Mr. Ronak Motiani	22 nd February 2023
9.	Expert Lecture on "Environmental Impact Assessment of Air Polluting Industries"	Expert Lecture	Ramdass A Wani	Dr. Dayashankar Kaul	27 th February 2023

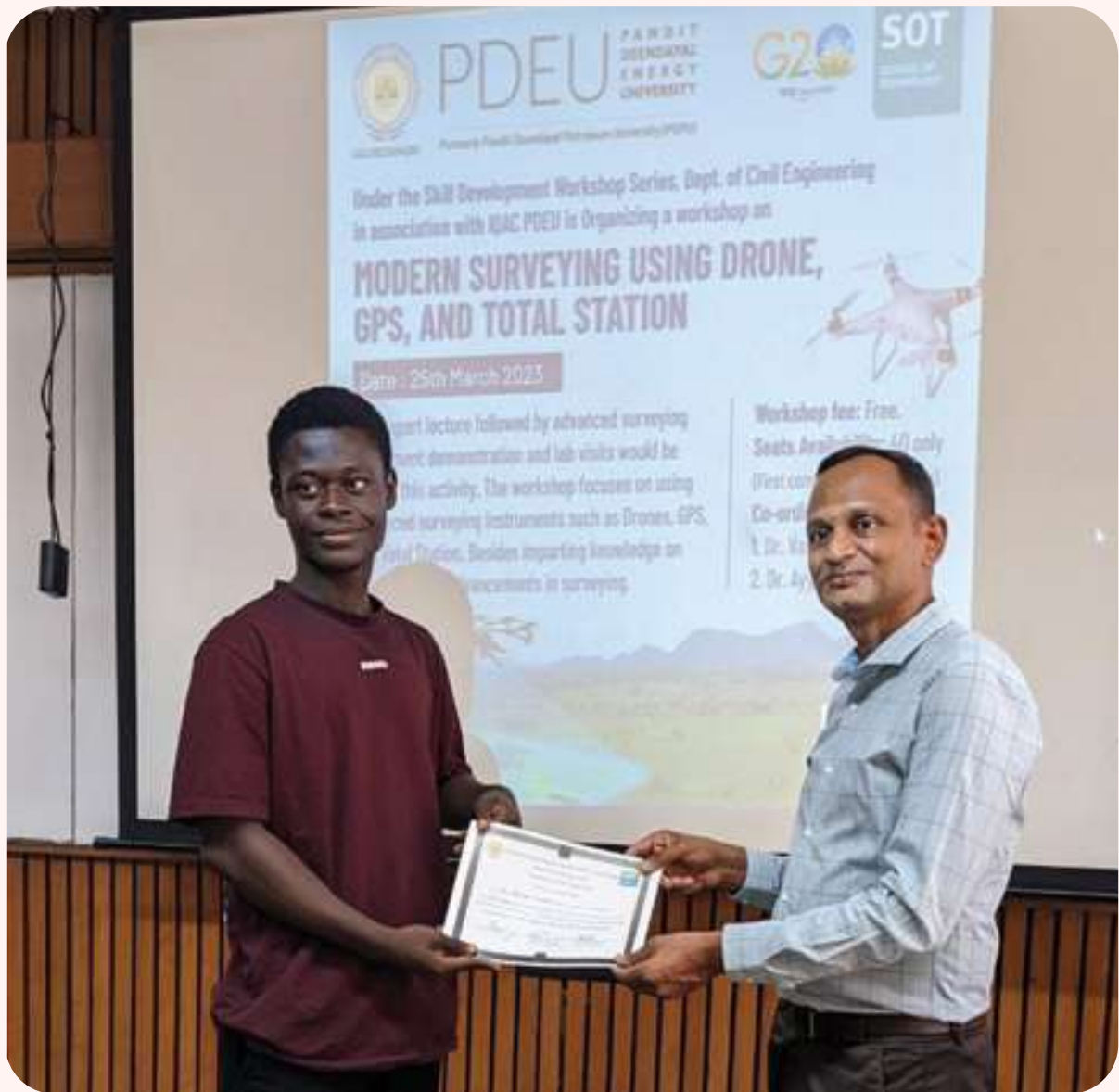
Sr No.	Name of Event	Type of Event	Expert Name	Coordinator	Date of Event
10.	Webinar on Geospatial Analysis Techniques for engineering application with QGIS and PC Raster	Webinar	Dr. Ankit Deshmukh, Assistant Professor, PDEU	Dr. Ankit Deshmukh	28 th February 2023
11.	One day workshop on Smart Cities & Air Pollution	Workshop	-	Dr. Anurag Kandya, Dr. Shabiimam M A & Dr. Daya Kaul	14 th March 2023
12.	Skill Development Programme on practical skills in Civil Engineering	SDP	Internal Experts	Dr. Debasis Sarkar	15 th March 2023
13.	Expert talk on n "Highway Planning & Design : Construction Aspect"	Expert Lecture	H M Mahesh, General Manager IEA Associates	Dr. Rajesh Gujar	16 th March 2023
14.	National Symposium on Digital Transformation in Construction Projects	Symposium	Prof. Biswajit Bhattacharjee, Professor Emeritus, IIT Delhi Dr. Hemlatha G, Professor & Head, Karunya University Dr. Bhargav Dave, MD , Visilean Ltd. Mr. Paramjit Lota, Senior Manager, Visilean Ltd.	Dr. Debasis Sarkar	17 th March 2023
15.	Poster Presentation for MTech Students	Poster Presentation	-	Dr. Debasis Sarkar	21 st March 2023
16.	Skill development workshop on Modern Surveying using Drone, GPS and Total Station	Workshop	-	Dr. Vasudeo Chaudhari & Dr. Ayyanna Habal	25 th March 2023
17.	Parents Teacher Meeting	Meeting	-	Dr. Hr Dhananjaya	25 th March 2023
18.	Inaugural Session of IEI Student Chapter	Inaugral	-	Dr. Rajesh Gujar	24 th March 2023
19.	Expert lecture on "Sustainable and Green Technology for Road Rehabilitation"	Expert Lecture	Mr. Karan Sareen, Senior Manager, Wirtgen India Private Limited	Dr. Maheshbabu Jallu	31 st March 2023
20.	Making an educational campus more sustainable	Workshop	-	Dr. Anurag Kandya, Dr. Shabiimam M A & Dr. Daya Kaul	5 th June 2023

Sr No.	Name of Event	Type of Event	Expert Name	Coordinator	Date of Event
20.	Modern Surveying using Drone, GPS and Total Station	Workshop	-	Dr. Vasudeo Chaudhary and Dr. Ayyana Habal	25 th March 2023
21.	Innovation and Engineered Green	Seminar	Mr. Sagar Deshmukh, Mr. M.B. Joshi, Shri N. B. Patel, Shri M. D. Patel, Mr. Chandrakant Kumbhani, Er. P. M. Chaudhary, Er. D. O. Nakrani, Er. H. U. Kalyani Dr. Dhruvesh Patel,	Dr. Rajesh Gujjar	12 th April 2023
22.	Industry Connect – 2023	Seminar	Mr. Mayank Sakla, Mr. Dhruvil, Mr. Shani Pandya, Mr. Shashin Patel, Mr. Parth Patel, Mr. Jay Mehta, Mr. Rajesh Bhatt,	Dr. Vasudeo Chaudhary & Dr. Ayyana Habal	19 th April 2023
23.	Ground Improvement Techniques for Deep Foundations	Expert Lecture	Dr. Kannan Iyer	Dr. Manas Bhoi	28 th April 2023
24.	Making an Educational campus more sustainable.	Workshop	-	Dr. Anurag Kandya	5 th June 2023

Department of Civil Engineering organized a one day skill development workshop on '*Modern Surveying using Drone, GPS and Total Station*' on 25th March, 2023. Around 75 students from different colleges participated in the workshop. *Dr. Vasudeo Chaudhary and Dr. Ayyana Habal* from the Civil Engineering Department coordinated the workshop.







Dr. Kannan Iyer, an esteemed expert from IITRAM, Ahmedabad, delivered an informative lecture on '*Ground Improvement Techniques for Deep Foundations*' at PDEU, Gandhinagar, on April 28, 2023. This engaging session, attended by 6th-semester Civil Engineering students, covered modern construction techniques and highlighted opportunities in the field.



Department of Civil Engineering, PDEU, organized a seminar on “*Innovation and Engineered Green*” on April 12, 2023. Around *100 students participated* in the seminar. *Dr. Rajesh Gujjar from the Civil Engineering Department* coordinated the seminar.



Seminar was delivered by Keynote speaker *Mr. Sagar Deshmukh*, Associate Director, LEA South Asia Pvt. Ltd. The event was attended by Chief Guest *Mr. M.B. Joshi*, Former Chief General Manager (Tech) SSNL, Guest of Honor, *Prof. Dhaval Pujara*, Director School of Technology, *Shri N. B. Patel*, Former Superintending Engineer WRD, Govt. of Gujrat, *Shri M. D. Patel*, Chief Engineer & Additional Secretary, GoG, *Mr. Chandrakant Kumbhani* (Vice President (Community Development Programs), Ambuja Cement Foundation), *Er. P. M. Chaudhary* (Chairman, IEI-GSC, Ahmedabad), *Er. H. U. Kalyani* (Chairman, water Management Forum), *Er. D. O. Nakrani* (Hon. Secretary, IEI-GSC, Ahmedabad), *Dr. Dhruvesh Patel* (HoD, Civil, PDEU).



Department of Civil Engineering organized *Industry Connect – 2023* during *19 - 21 April, 2023* and invited eminent Professionals from Industry for having technical deliberations with the students. 8 Industry experts namely *Mr. Mayank Sakla*, Director: Spatial Lab, Accion LAND Private Limited; *Mr. Dhruvil*, BIM specialist, vConstruct Private Limited; *Mr. Shani Pandya*, Founder, Imagine Power Tree, Gandhinagar; *Mr. Shashin Patel*, S3M Head,

Structural Department, Design Consultants LLP; *Mr. Parth Patel*, Geospatial Analyst, LGEOM; *Mr. Jay Mehta*, Assistant Vice-President, Environmental Management Centre Pvt. Ltd; *Mr. Anil Kumar T B*, Highway Design cum Pavement Specialist, Enel Group, Italian MNC and *Mr. Rajesh Bhatt*, Addl. Chief Fire Officer at Ahmedabad Fire & Emergency Services delivered the expert talks and enlightened the students with the recent developments in the domain of Civil Engineering. More than *100 students* from the department participated in the event. The event was coordinated by *Dr. Vasudeo Chaudhary* and *Dr. Ayyana Habal* of the Civil Engineering Department.



Mr. Shani Pandya, Founder, Imagine Power Tree, Gandhinagar with the faculty members and students of Civil Engineering Department, PDEU.



Mr. Jay Mehta, Assistant Vice President of Environment Management Centre LLP, Ahmedabad with the students and faculty members of the Civil Engineering Department, PDEU.



Mr. Rajesh Bhatt, Addl. Chief Fire Officer at Ahmedabad Fire & Emergency Services with the faculty members and students of the Civil Engineering Department, PDEU.





Workshop on:

‘MAKING AN EDUCATIONAL CAMPUS MORE SUSTAINABLE’



Date : 5th June 2023
Time : 11:00 am to 1:00 pm
Venue: BLT-1, PDEU

Patron



Dr. Dhaval Pujara
Director, School of Technology

Advisor



Dr. Dhruvesh P Patel
Head, Civil Engineering Dept.

Coordinators of the Workshop



Dr. Anurag Kandya
Associate Professor



Dr. Daya Kaul
Assistant Professor



Dr. Shabiimam M. A.
Assistant Professor

Organized by:

**Civil Engineering Department,
School of Technology, PDEU
Gandhinagar**



6. Industrial Visits conducted

Sr No.	Name of Site Visited	Faculty Coordinator	Programme and Semester	Key Learnings	Date
1.	Novel Spent Acid Management	Dr. Anurag Kandya,	M. Tech and PhD research Scholar	Environmental Management for Spent Acid	5 th March 2023
2.	E-COLI waste management pvt. ltd	Dr. Anurag Kandya,	M. Tech and PhD research Scholar	Environmental Management for E-waste	7 th January 2023
3.	Hubergroups, Vapi	Dr. Anurag Kandya,	M. Tech and PhD research Scholar	Environmental Management in an Industry	10 th January 2023
4.	Karnawati Reeady Mix Concrete Plant	Mr. Shobhit and Dr. Naimish Bhatt	B. Tech and M. Tech	Input Materials Properties (Cement, Coarse, Fine aggregates and Admixtures) 2. RMC machinery, Conveyor belt, Silos and Batching Software. 3. RMC Quantity and Quality Control Guidelines 4. RMC Cube Testing Procedures and facilities	17 th February 2023
5.	Dholera Smart City	Dr. Manas Bhoi, Dr. Daya Kaul	B. Tech Semester 6	Modern Construction Techniques Centralized SCADA system Canal front development for flood prevention Dholera Experience Zone	17 th March 2023
6.	Kotarpur Water Treatment	Dr. Anurag Kandya, Dr. Ankit Deshmukh, Dr. Shabimam M A, Dr. Vinayak Malaghan	B. Tech Semester 4	Potable Water Treatment Plant Operation and Control of Water Treatment Plants Quality Standards	18 th March 2023
7.	Piranha Waste Water Treatment Plant	Dr. Anurag Kandya, Dr. Ankit Deshmukh, Dr. Shabimam M A, Dr. Vinayak Malaghan	B. Tech Semester 4	Potable Water Treatment Plant Operation and Control of Water Treatment Plants Quality Standards	18 th March 2023



Industrial Visit : E-COLI Waste Management Pvt. Ltd, Ahmedabad, Gujarat



Industrial Visit : NOVEL spent acid Management, Ahmedabad, Gujarat



Industrial Visit : Hubergroups, Vapi, Gujarat.



7. ICE student Chapter

Sr No.	Name of Event	Type of Event	Coordinator	Date of Event
1.	Structural Symposium "Sky Scraper 1.0"	Symposium	Mr. Ronak Motiani & ICE SC	1st February 2023
2.	Thirsty Concrete- Tesseract	Model / stall showcase	ICE SC & Alchemy- The Chemistry Club of PDEU	4th February 2023
3.	Structural Symposium "Sky Scraper 2.0"	Symposium	Mr. Ronak Motiani	22nd February 2023
4.	One day workshop on Smart Cities & Air Pollution	Workshop	Dr. Anurag Kandya, Dr. Shabiimam M A & Dr Daya Kaul & ICE SC	14th March 2023
5.	Green parliament	Lok Sabha Debate competition	ICE SC & Envirofreaks- The Environmental Club of PDEU	25th March 2023
6.	Art Against Accidents: Online Poster Competition on Road Safety	Poster Competition	ICE SC	28th March 2023

I.C.E. સ્ટુડન્ટ ચેપ્ટર એન્ડ આલ્કેમી કેમેસ્ટ્રી ક્લબ



આ ક્લબ દ્વારા પાણીને શોષી લે તેવી કોંક્રિટના વિકાસને પ્રોત્સાહન આપવા પર ધ્યાન કેન્દ્રિત કર્યું હતું. આ કોંક્રિટને 'થર્સ્ટી કોંક્રિટ' અથવા 'પર્વીયસ કોંક્રિટ' તરીકે ઓળખવામાં આવે છે.

Seminars and Workshops organized by the Civil Engineering Department



The Civil Engineering Department of Pandit Deendayal Energy University in association with Parul University, Vadodara jointly hoisted a one day workshop of '*Smart Cities and Air Pollution*' on *14th March, 2023*. This workshop was funded by *Royal Academy of Engineering, UK*. Experts from regulatory agency like *Gujarat Pollution Control Board (GPCB)*, research and academic organizations like *Gujarat Environment and Management Institute (GEMI)* and *Pandit Deendayal Energy University (PDEU)* along with Industry like *Oizom Instrument Pvt. Ltd* were invited for holding interactive sessions. *Dr. Anurag Kandya* and *Dr. Tejas Thaker* were the coordinators of the workshop from PDEU.



More than *150 students* from PDEU, Parul University and few neighbouring institutes participated in this workshop.



8. Alumni Corner

Sr No.	Name of Alumni	Batch	Video Keywords	Link
1.	Mr. Hritik Singh	2018-22	B.Tech Journey, Project, Research internships	https://www.youtube.com/watch?v=WAdkPq05HkE
2.	Mr. Raj Baru	2018-22	B.Tech Journey, Exposure Industry Ready Approach	https://www.youtube.com/watch?v=NBVzTV7FbSg



9. Star Achiever of the Department



MIHIR VYAS
B.TECH 2023
PLACEMENT -
ADANI



HIMANSHU VAGHELA
B.TECH 2023
PLACEMENT -
ADANI



GEETIKA AGRAWAL
B.TECH 2023
PLACEMENT - PIE
INFO COMM



RITU RAJ
B.TECH 2023
PLACEMENT -
vCONSTRUCT



JAY BHAGAT
B.TECH 2023
PLACEMENT -
vCONSTRUCT



BIBEK TIMALSINA
B.TECH 2023
PLACEMENT -
RELIANCE



HARSH RATHOD
B.TECH 2023
PLACEMENT - L&T



AYESHA DADANI
M.TECH 2023
PLACEMENT - S3M
DESIGN CONSULTANTS



DHRUVIL
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PLACEMENT -
vCONSTRUCT



HRITHIK SINGH
B.TECH 2022
PLACEMENT -
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JANVI CHAUDHARI
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INFO COMM



MAYUR KALAL
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PLACEMENT - PIE
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ASHWINI NAIR
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PLACEMENT - PIE
INFO COMM



PRATHIT PATEL
B.TECH 2023
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HARSIDDH PUROHIT
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MANAN BARIYA
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SAVAN PATEL
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PDEU



Formerly Pandit Deendayal Petroleum University (PDPU)

UGC RECOGNIZED



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