

Resonance@GDEC

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GTU Foundation Day



GIDC Degree Engineering College, Navsari celebrated GTU Foundation Day on 16th May, 2019. The celebration was started with GTU Song. Principal Dr. N.D. Sharma shared a few words on the occasion. The achievement of GTU was showcased by Asst. Prof. Nisha. S. Parekh. After that all the students and faculty members took pledge that they will try to contribute to the society and nation. They will also help the country to keep it neat and clean and contribute to control environmental pollution. The celebration was ended with tree plantation.

World Environment Day



Better Environment Better Tomorrow Save the Planet

World Environment Day is celebrated every year worldwide on 5th of June. It was established by the United Nations General Assembly in 1972 in order to raise global awareness about the environmental issues. It is celebrated to motivate people to take positive environmental actions in order to protect the nature on this planet. GIDC Degree Engineering College celebrated Happy world Environment Day by planting more trees and watering the plants. We promise each other to don't cut trees and to plant more and more trees as possible.

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GDEC Team

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Principal

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Head, Applied Sci. & Huma. Dept.

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Prof. Archana Nayak,
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Prof. Toral Patel,
Head, Automobile Engg. Dept.

Editorial Team

- Prof. Archana M. Nayak
- Prof. Bhumika H. Patel
- Prof. Kushal D. Patel
- Mr. Nilesh G. Patel

International Yoga Day Celebration

GIDC Degree Engineering College, Abrama enthusiastically celebrated 5th International Yoga day, at GDEC Campus on 21st June, 2019, Friday. It was grand convergence of Yoga practice. Many students and staff took part in this celebration and practiced YOGA. It was a matter of joy for all Yoga Enthusiasts that the "Vishva Yoga Divas- WORLD YOGA DAY" got declared to be celebrated on June 21st. The day was chosen as it's the longest day of the calendar year, a day connected with Sun, light and nature and not a day of personal importance. The program was conducted using common YOGA protocol. Proper scientific instructions were given for all the yoga asanas and all the participants performed it as per instruction. Various asanas like Makarasana, Pavanmuktasan, Tadasan, Vrikshasana, Savasan, etc. were performed and its uses were told to all. Yoga develops strength and balance as well as inner peace. All yoga styles create a feeling of lightness, ease and relaxation. The participants felt that YOGA helps to tie the strands of mind together with our body through our breath.



Principal Message

It has always remained our efforts to transform the students both personally and professionally for the technological advancements. Present transforming scenario of technical education demanding to inculcate special skills along with technical knowledge, which requires updation and upgradation in knowledge set of academic fraternity also. Today's technocrats need to think the solution or planning the developments /solutions with multifaceted considerations . GIDC Degree Engineering college and its staff members have always rendered platform for students to brainstorm the technical issues , requirements and find sustainable solutions through most feasible approaches of technical educations. Nowadays the scenario and expectation of industries from technocrats have also changed which needs to develop multiple skills along with the core technical knowledge. We have always tried to incorporate the required skill set in students with the help of our best infrastructure and qualified teachers. We are also grateful for GIDC Education Society, Gandhinagar for their persistent support to the institute.

In previous quarter institute has also shown its flow towards the participation in Unnat Bharat Abhiyan, Student Start-Up Innovation Policy . Some bright students have also shown their good performances in placement . Students of Civil ,Electrical , Mechanical and Computer Engineering have trained by summer trainings also.

On behalf of GIDC Education Society and GIDC Degree Engineering College , I would like to extend best wishes to passed out students who have completed their graduation in May-2019. Institute is always there to provide them assistance for their career building.

Dr. Neeraj D. Sharma

Dynamic Management

Name of the Member	Designation in the GES	Current Position/Organization
Smt. D. Thara IAS, M.Sc(Biotech), M.A(Public Administration)	Chairperson	Vice Chairperson & Managing Director, GIDC, Gandhinagar
Shri B. C. Warli (B.E Civil)	Member Secretary	Director (NA) & General Manager, GIDC, Gandhinagar
Shri N. P. Vadalia (B.E Civil)	Member	Executive Engineer, GIDC, Surat
Dr. V. S. Purani (M.E Civil, Ph. D.)	Member	Joint Director, Commissioner of Technical Education, Gandhinagar
Dr. A. K. Dave (B.E Mechanical, M.E, Ph. D.)	Member	Ex. Director, SVNIT, Surat
CA. V. G. Desai (M.Com, F.C.A.)	Member	Chartered Accountant, Navsari
Dr. D. G. Naik (M.A, M.Ed, Ph. D.)	Member	Director, Naran Lala College Campus, Navsari
Shri Mahadevbhai Desai B.E Civil, LLB, MIE, MASCE(USA)	Member	CMD, Sthapati Designers, Navsari

Consultancy Work

GIDC Degree Engineering College (GDEC) is in agreement with various reputed companies. Under this agreement Computer Engineering Department has successfully hosted multiple online examinations at GDEC premise & continues to play significant role to generate revenue for the Institute. As a Test Center Administrator Ms. Archana Nayak (Head, Computer Engg. Dept.) leads a dedicated team which is well equipped to deliver quality services. The details of online exam/s held as mentioned below. Team Members for above mentioned Exam/s : Kaushik Patel, Kaushal Kevadia, Brijesh Patel, Mihir Mishra, Kushal Patel, Vibhuti Patel, Tejas Patel, Sunil Khokhar, Himanshu Patel, Amruta Naik, Nilesh Patel, Manish Patel, Hitesh Patel, Apeksha Desai, Chetna Patel, Parimal Patel, Harish Patel, Anil Patel, Bhavin Patel, Gitaben Patel



Sr. No.	Exam Conducting Authority	Host Company	Dates	Candidate#	Revenue Earned
1	ONGC	Bizzlon_Sify	08-12 Jun-2019	1143	51000
2	NPCIL	ACE Int. Sol. Ltd	15-16 Jun-2019	454	30000
					81000

Expert Talk

Dr. R J Motiyani was invited as an eminent guest speaker by Prime Institute of Engineering & Technology on the occasion of Technical Festival, "PrathamaTech-2K19" on 28th March 2019. He has delivered a motivational talk to all the students of Prime Institute of Engineering & Technology on the occasion of inaugural function of Technical Festival.



Industrial Training/Shodh Yatra

Final year students of Automobile Engineering Department got training in different industries/Service centers during May-June 2019 for 2-3 weeks as part of their Industry Sodh Yatra (ISY) program. Students were visiting industries 6 days per week. The industries/Service centers the students visited are 1.Acey Engineering, Bilimora., 2.Kataria Automobile Pvt. Ltd., Navsari., 3.Kataria Automobile Pvt. Ltd., Chikhli., 4.Kataria Automobile Pvt. Ltd., Surat., 5.Navjivan Hyundai, Navsari., 6.Navjivan Hyundai, Surat., 7.Volkswagen Service Centre, Navsari., 8.Mquik Service Station, Surat., 9.NHB Bearings Ltd., Amalsad.

Placement

Electrical Engineering Department

- 1.Electrical Engg. Dept. has arranged a Campus Placement Drive of Jio Giga Fiber on 24th April 2019. Total 20 students of Electrical Engg. & 04 students of Computer Engg. have appeared in PI.
- 2.Electrical Engg. Dept. has arranged Internship for 17 students in various industries like Atul Ltd., Atul, Ideal Technologies, Vapi, GETCO, Navsari and Naran Lala, Navsari.



Mechanical Engineering Department

On 18th April the Business Department Manager & Quality Head from S.E. Pvt. Ltd. Navsari has visited to Mechanical Department for Campus Interview for the post of Trainee Assistant QC Executive. More than 20 final semester mechanical engineering students have been short listed for personal interview to be held at company head office on 23rd May 2019



➔ Following students had been selected for Placement/Internship in Interview/ Placement Drive by various companies as given below:

Sr. No.	Name of Company	Selected Students	Department
1	Tucson Hydro controls Pvt Ltd	Gandhi Smit, Mirza AejazBeig, Patel Harsh, Patel Madhusudan	Mechanical Engineering
2	Toshal Infotech	Result Awaiting	Computer Engineering
3	Hope Foundation	Halpati Vaisahli. Mrunali Rathod, Charmi Patel	Computer Engineering
4	SSM InfoTech	Rinkal R. Patel	Computer Engineering

Industrial Visit

Civil Engineering Department

Prof. Sunil Jaganiya and Prof. Rajan Lad had arranged PT visit for DRCS subject for final year students.



Electrical Engineering Department

Final Year Students and Faculty members of Electrical Engineering Department have visited Electrical Research and Development Association (ERDA), Baroda on 28th May, 2019



Mechanical Engineering Department

On 16th February, 2019, 89 students of 6th semester along with staff members-Prof. Daksh R. Tandel, Prof. Dharmik A. Patel and Mr. Brijesh V. Patel visited Bhenkhabhai Ice factory at vakharia Bunder Road, Ambawadi, Bilimora to enhance the knowledge of their subject Refrigeration and Air Conditioning



On 23rd march 2019, 54 students of second year students along with Prof. Mayur R. Patel and Prof. Dharmik A. Patel visited at Techno Gear Pvt. Ltd., Gundlav G.I.D.C., Valsad, to enhance knowledge of their subject Manufacturing Process, Mechanical measurement and Metrology and Machine Design.



Publication, Participation & Achievement

Civil Engineering

Paper Publication

- Dr. Bhavin G. Patel has published paper on "Flood Modelling of River Ambica Using HEC-RAS" journal of emerging technologies and innovative research, Volume 6, Issue 4, ISSN Number 2349- 5162 on April 2019.
- Prof. Rajan J. Lad has published paper on "Traffic Congestion Overcome by Rotary Design" International research journal of engineering and technology (IRJET), Volume 6, Issue 4, Impact Factor 7.211 on April 2019.
- Prof. Pritesh R. Rathod has published paper on "Innovation In Concrete by Effective Utilization of by-Product In Concrete" International Journal of Innovative Knowledge Concepts, Vol. 6, Special Issue 2, ISSN: 2454-2415 on December 2018.
- Prof. Hemina Z. Patel has published paper on "Evaluation of Fertilizers and Pesticides in Environmental Areas" International Journal of Innovative Knowledge Concepts, Vol. 6, Special Issue 2, ISSN: 2454-2415 on December 2018.

FDP Attended

- Prof. Rajan Lad has Attended FDP on "induction training" at GTU Chandkheda from 25 march to 29 march 2019.

Other activities

- Dr. Neeraj D. Sharma, Prof. Nilesh R. Parmar and Prof. Dhaval Patel had attended UBA meeting at IIT Gandhinager for village development 16th may 2019.
- Dr. Neeraj D. Sharma and Prof. Nilesh R. Parmar had attended SSIP meeting at Ahmadabad.
- Dr. Bhavin G. Patel and Prof. Nilesh R. Parmar had arranged carrier assessment test for education in engineering held on 8th June 2019 for 12th passed student

Electrical Engineering

Paper Publication

- Prof. Dhaval K. Patel, Prof. Ketan K. Lad, Prof. Rohit B. Damor and Prof. Bhavesh S. Patel have published a paper on "WIRELESS FIRE FIGHTING ROBO" in International Journal of Scientific Research and Review, Volume 07, Issue 05, May 2019.

Paper Presented

- Prof. Dhaval K. Patel, Prof. Ketan K. Lad, Prof. Rohit B. Damor and Prof. Bhavesh S. Patel have presented a paper on "WIRELESS FIRE FIGHTING ROBO" at International Conference on Recent Innovations in Science, Engineering & Management organized at R R Institute of Technology, Bangaluru during 10th & 11th May, 2019.

FDP Attended

- Dr. R J Motiyani has attended A One Week Faculty Development National Workshop on "Renewable Integration with Grid, Power Quality Scenario and Active Distribution Networks" Organized by Institution of Engineers (India) & Electrical Engineering Department of C K Pithawala College of Engineering at IE (India), Surat Local Centre during 6th to 11th May, 2019.
- Dr. R J Motiyani has attended a GUJCOST and DST sponsored Faculty Development Workshop on "Outcome Based Education & NBA Accreditation" organized by S N Patel Institute of Technology & Res. on 3rd & 4th April, 2019.
- Prof. Jay R. Desai has attended 3 days Faculty Development Program held by AICTE at SNPIT & RC , Umrakh, Bardoli during 7th-9th June-2019

Workshop Attended

- Prof. Bhavesh S. Patel and Prof. Bhavin S. Trivedi have attended A One Day Workshop on "System Wide Impacts of Renewable Energy Integration to Energy Network" on 30th March-2019 organized by Charotar University of Science and Technology, Changa.
- Prof. Ankur Desai has attended A Two Days Workshop on "Application of MATLAB Software in other Engineering Disciplines" on 18th-19th June-2019 Organized by M & B Patel Institute of Technology, Anand.
- Prof. Jay Desai has attended A Two Days Workshop on "Application of Radioisotopes and Radiation Technology in Agriculture, Healthcare& industries" Organized by Saffron Institute of Technology (SIT), Mehsana and National Association for Application of Radioisotopes & Radiation in Industry (NAARRI) on 15th and 16th February 2019.

STTP Attended

- Prof. Bhavesh S. Patel has attended A One Week STTP on "Renewable Integration with Grid, Power Quality Scenario and Active Distribution Networks" organized by The Institution of Engineering (India), South Gujarat Local Centre Under the Aegis of Electrical Engineering Division, IEI in association with Department of Electrical Engineering C.K.Pithawalla College Surat during 6th- 11th May-2019.
- Prof. Ketan K. Lad has attended A One Week STTP on "Deep Learning and Application" organized by Computer Department, SVNIT, Surat during 18th-22th June-2019.

Mechanical Engineering

Paper Publication

- D. R. Tandel, M. R. Patel, H. B. Patel and A. O. Jain from Mechanical and Automobile Engineering Department published paper on "Development of Solar Heating System by Use of Fresnel Lens for Stirling Engine" in IJSRD - International Journal for Scientific Research & Development, Vol. 7, Issue 03, 2019, ISSN (online): 2321-0613
- M. R. Patel, H. B. Patel and D. R. Tandel published paper on "Design and Development of Rice Threshing and Winnowing Machine" in Journal for Research, Volume 05, Issue 3, May 2019 ISSN: 2395-7549
- Hitesh Rana & Bharat Gajera have published a paper on "Design Improvements of Theo Janson Mechanism" in International Journal of Scientific Research and Development, Volume 07, Issue 04, 2019
- K.Hathiwala have published a paper entitled "Experimental Study of Darrius Wind Turbine- a Detail Review" in International Journal of Information Technology and Mechanical Engineering, Volume 05, Issue 04, 2019.

FDP Attended

- . Hitesh Rana has Attained FDP on "Student Induction Program" at S N Patel Institute of Technology and Research Centre, Umrakh Sponsored By AICTE from 7th to 9th June 2019.

Other activities

- Prof. Mayur R. Patel Successfully completed 4 week online study course on "Introduction to Computer Numerical Control" offered by Tenaris University.

Automobile Engineering

FDP Attended

- Prof. Toral V. Patel has successfully attended five days FDP on Topic: "Student Innovation and Start-up ecosystem development at academia" organized by Student Start-up and Innovation Policy (SSIP) at Entrepreneurship Development Institute of India (EDII), Gandhinagar from February 25, 2019 to March 01, 2019 (5 days). This is a 1st of kind program specially designed by SSIP and EDII to hone the skills of participants and provide them necessary exposure to successfully implement innovation and incubation process in respective university/institute.

STTP Attended

- Prof. Mayur J. Jalanapurkar had attended one week short term training Program (STTP) on Topic: 'Additive Manufacturing - Theory and Applications' organized by Department of Mechanical Engineering, S. V. National Institute of Technology, Surat during 10th to 14th June 2019.

Paper Publication

- Prof. Ashish O. Jain as an co-author had published a Research paper entitled "Development of Solar Heating System by Use of Fresnel Lens for Stirling Engine" in IJSRD - International Journal for Scientific Research & Development (Impact Factor: 4.396), ISSN (online): 2321-0613, Volume 7, Issue 03, Pg. no. 1321-1323 in May 2019.

Computer Engineering

Workshop Attended

- Hetal Patel, Bhumika Patel & Vibhuti Patel had attended a three-day workshop on "Python for Data Science" from 28th to 30th June, 2019 at Sarvajani College of Engineering and Technology, Surat

ASH Department

Paper Presented

- Prof. Harshal G. Vashi has presented a paper titled "Lean 4.0: A strategic combination of lean management and industry 4.0" at International Multidisciplinary Conference on Industry 4.0" organized by R. N. G. Patel Institute of Technology (RNGPIT), Bardoli.

