

GEC DAHOD News Letter 2018-2019

Government Engineering College

Dahod

GEC, Dahod is approved by “All India Council for Technical Education (AICTE), New Delhi” and affiliated with “Gujarat Technological University (GTU)”, Ahmedabad



Address: Zalod Road, Dahod-389151 (Gujarat) Phone: (02673) 263780
E-mail: gec-dahod-dte@gujarat.gov.in Website: www.gecdh.cteguj.in



Advisors

Dr. U.K. Khare	Prof. M.Y. Patil
Prof. P.M. Baria	Dr. K.B. Parikh
Prof. J.I. Patel	Prof. A.D. Joshi
Prof. V.J. Patel	Prof. R.I. Patel
Prof. S.M. Vaishnav	

Editorial Team

Dr. D.B. Jani	(Editor)
Prof. P.J. Patel	(Member)
Prof. D.R. Chaudhari	(Member)
Prof. I. A. Shaikh	(Member)
Prof. Y.R. Chaudhari	(Member)

FROM THE DESK OF THE PRINCIPAL

I am very glad to be a part of enthusiastic, dedicated and caring staff members and innovative student team. Our curriculum and practices are consistently reviewed to ensure that we are following the most updated best practices, meeting all regulations, and addressing the future needs of under graduate engineers. Our staff consistently follows current engineering and technology trends and after brainstorming over the best plan of action to incorporate those trends that are most appropriate to future needs and industry demands. The system of education at university level has become so dynamic that it is no longer enough to connect the dots, we need to think out of the box and think beyond a conventional pattern. With the nurturing what students get from the institute they would definitely become the future leaders and role models of society.



Dr. (Prof.) P.K. Brahmhatt
Principal, GEC, Dahod

BOOK POST

To, _____

Circuitrix 2K19

An Interdepartmental Technical Event whose name "Circuitrix 2K19" was held in Laboratory of Electronics and Communication Engineering Department. Here the students were given task to draw the diagram of circuits which were given to them randomly on the spot by the faculties. This event was kept to check the technical concept of the students related to subjects of "electronics". Students securing the first, second and third positions in the event were also consolidated with the certificates.



Indian Constitution Day

Indian Constitution Day was celebrated in EC Department. Where Prof. A.B.Pasaya gave a glimpse about the history of Indian Constitution. Students also delivered a speech and discussed about the importance of the Constitution of India.



Achievements and activities of the Institute



Swachhata Abhiyan event was celebrated in EC Department in which students of the department had actively participated by doing some cleaning work in department along with guidance and active participation by Prof. S.N. Damor.

Gandhi Jayanti Celebration

Gandhi Jayanti was Celebrated in EC Department where students delivered the speech on the contribution of Mahatma Gandhi in making of our nation. They discussed about the moral values that gandhiji taught to the childrens of our nation and how a good leader can guide a mass to make a country independent.



Prof. M. A. Sheikh of Electrical Engineering Department is honored with IEEE senior membership for his significant contribution to the profession.

GEC Dahod received Best Organized Camp & Most Active College award for the Mega Placement Camp, February-2019 from the Education Department, Government of Gujarat under the co-ordination of Dr. P. K. Brahmhatt (Principal), Prof. J. I. Patel (Head of Electrical Department) and Dr. Y. M. Makwana (Electrical Department).



Achievements and activities of the Institute



Dr. K. A. Bhatt of Electrical Engineering Department delivered an expert talk on “Business Model Canvas” under the aegis of SSIP cell, GEC Dahod.



A visit to Doordarshan Kendra Ahmadabad has been held as a part of curriculum and industrial exposure to students of Final year computer engineering on date 05-04-2019.

Departmental activities

- ❖ Industrial visit of B.E. 5th semester mechanical engineering students at Gujarat State Electricity Corporation, Kadana (Hydro Power Station) was arranged on 7 August, 2018.
- ❖ Industrial visit of B.E. 7th semester mechanical engineering students at Kakrapar Atomic Power Station, Vyrawas arranged on 28-29 September, 2018.
- ❖ Industrial visit of B.E. 7th semester mechanical engineering students at Wanakbori Thermal Power Station, Wanakbori was arranged on 20 September, 2018.

Events organized by SSIP

Activity/Event	Date	Faculty
One day Workshop on 3-D Printing	21/07/2018	Dr. M.K.Chudasama
National Conference on 'Emerging Startups & Innovations in Engineering & Technology - 2018	5/10/2018	Dr. M.K.Chudasama

Events organized by GIC Club

Date	Event Name	Description	Expert
08/08/2018 to 15/08/2018	Matlab training	The training program covered 1-hour tutorial practical session's each day.	Prof. Ishaq Shaikh, Prof. B.M Parmar Prof R.I Patel.
24/07/2018 to 25/08/2018	Intellectual Property Rights (IPR) sensitization workshop	Intellectual Property refers to the protection of creation of mind which has both a moral and a commercial value.	Prof M K Chudasamam & Dr. D B Jani



Research publications by the faculty

- ❖ Prof. R.I. Patel, Associate professor, has published research article on “Review on fiber reinforcement in parts manufactured by fused deposition modeling” in Journal of Emerging Technologies and Innovative Research, ISSN- 2349-5162.
- ❖ Prof. V.D. Golakiya, assistant professor in mechanical engineering department has published research article on “Keyhole Tungsten Inert Gas welding - A Review” International Journal of Emerging Technologies and Innovative Research, ISSN:2349-5162, Vol.5, Issue 12.
- ❖ Prof. P.M. Gautam, assistant professor in mechanical engineering department has published research article on “Economical & Optimized Procedure of Process PipeSizing for Industries Based On Fluid Velocity” International Journal of Innovative Knowledge Concepts, Volume-VI, Special Issue-2,ISSN: 2454-2415.
- ❖ Prof. K.K. Bhabhor, assistant professor in mechanical engineering department has published research article on “Recycling of Municipal Waste machine for Smart city Dahod” International Journal of Innovative knowledgeconcept, Vol. 6, Special Issue 2, 2018 DOI 11.25835/IJK-269.

STTP Attended by faculties of Electrical Department (Year: 2019)

Sr. No.	Title of Short Term Training Program (STTP)	Host Institution	Dates	Faculty Name
1	Entrepreneurship development	EDII, GANDHINAGAR	07/01/2019 to 11/01/2019	Prof. M. M. Parmar
2	Design and implementation of advance controller	IIT-RAM, AHMEDABAD	21/01/2019 to 25/01/2019	Prof. J. I. Patel
3	VC based STTP on technological advancements in electrical power system	GEC, VALSAD	11/03/2019 to 22/03/2019	Prof. M. M. Mahida
4	“Hands On: Mathematical Modelling and Software Simulation for Power systems and Electrical Machines (HOMSPM)”	SVNIT, SURAT	10/06/2019 to 20/06/2019	Prof. A. N. Navle
5	Innovative experiment in electronics and electrical engineering	NITTTR, Bhopal	19/08/2019 to 23/08/2019	Dr. K. A. Bhatt
6	Electrification of modern building and complexes	NITTTR, Bhopal	18/11/2019 to 22/11/2019	Dr. K. A. Bhatt
7	Applications of Artificial Intelligence (AI) Techniques for Research in Engineering	GEC, BHUJ	18/11/2019 to 22/11/2019	Prof. J. I. Patel
8	Recent trends in Power system Operation and Control	VGEC, CHANDKHEDA	25/11/2019 to 30/11/2019	Prof. A. D. Joshi

STTP Attended by faculties of Computer Department (Year: 2019)

Sr. No.	Title of Short Term Training Program (STTP)	Host Institution	Dates	Faculty Name
1	Android Programming	LDCE, Ahmedabad	11-03-2019 to 15-03-2019	Prof. S.N. Shah
2	Android Programming	LDCE, Ahmedabad	11-03-2019 to 15-03-2019	Prof. D. P. Contractor
3	Image Processing	SVNIT, Surat	10-06-2019 to 14-06-2019	Prof. T. D. Chaudhari
4	Blockchain Technologies	VJTI, Mumbai	30-09-2019 to 05-10-2019	Prof. D. P. Contractor