

GEC DAHOD News Letter 2019-2020

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



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FROM THE DESK OF THE PRINCIPAL

Government engineering college Dahod is among the mission driven community that aims to provide a world class education, celebrating the fact that each engineering and technology student is different, as a person and as a learner. We believe that powerful teaching occurs under a shared spirit of respect which creates a passionate learning experience which is recognized for its warmth, energy and excellence. Here people are valued and can fulfill their potential both as teachers and learners. We offer the under graduate and post graduate curriculum in engineering and technology which is a balanced course nurturing the student to develop as a whole individual competitive engineer at the end. We foster a positive spirit and believe in partnership between students, parents, teachers and support staff striving to create a milieu that sustains excellence. Our distinction lies in the pursuit of high academic attainment through support, encouragement, praise and motivation.

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)

BOOK POST

To, _____



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

Stakeholder meet

Computer engineering department have organized one stakeholder meet on 21-12-2019, as part of ongoing NBA (National Board of Accreditation) process which is attended by NBA institute mentor, coordinators, invitees from Industry, faculty members, alumni and parents of our students.



Training taken by the faculty

Sr. no.	Name of the faculty	Training Taken	Duration
1	Prof. B. M. Parmar	Matlab Programming for Numerical Computation	27/01/2020 to 20/03/2020
2	Prof. A. B. Pasaya	NBA Accreditation and Teaching-Learning in Engineering (NATE) MOOC-12 WEEK	27/01/2020 to 17/04/2020
3	Prof. A. B. Pasaya	IP-I, NITTTR , Bhopal	08/06/2020 to 19/06/2020
4	Prof. S. N. Damor	Embedded Systems, NITTTR , Bhopal	06/01/2020 to 10/01/2020
5	Prof. S. N. Damor	Arduino (Online), G.C.E.T., V.V. Nagar.	08/06/2020 to 13/06/2020
6	Dr. D.B. Jani	Advances in heating, ventilation, air-conditioning and Refrigeration, L.D. College of engineering, Ahmedabad.	14/10/2019 To 19/10/2019
7	Prof. P.J. Patel	STTP (IP-II), NITTTR BHOPAL.	16/9/2019 To 27/9/2019
8	Prof. K.K. Bhatt	Manufacturing of Composites – NPTEL Swayam MOOC - 8 Weeks.	26/08/2019 To 18/10/2019
9	Prof. K.K. Bhatt	Advanced welding processes for titanium and aluminum alloys, GIAN-MHRD Sponsored at Mechanical Dept, L.D.C.E., Ahmedabad.	07/10/2019 To 11/10/2019
10	Prof. K.K. Bhatt	Processing and characterization of materials, DTE Approved, Metallurgy Dept, GEC-Gandhinagar.	04/11/2019 To 08/11/2019
11	Prof. A H Makwana	Matlab Software, NITTTR Bhopal	04/11/2019 To 08/11/2019
12	Prof. V. D. Golakiya	Industrial Based NDT training & Practice	08/07/2019 To 12/07/2019
13	Prof. B. N. Gelot	Recent Trends in Automotive Technology	26/08/19 To 30/08/19

Achievements and activities of the Institute



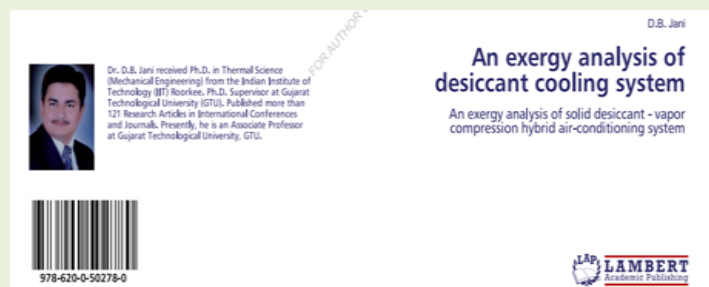
Prof. H. B. Surti of Electrical Department became champion in Table-Tennis Men's singles & Men's doubles event in KhelMahakumbh-2019 for Panchamaharashtra district and participated in the state event at Valsad.



Prof. Y. M. Makwana of Electrical Engineering Department is honored with PhD (Electrical Engineering) from Indian Institute of Technology (IIT) - Roorkee.

Taushif Pathan P.G. research scholar works under valuable guidance of Dr. D.B. Jani, associate professor in mechanical engineering and Prof. Kiran Bhabhor, Assistant professor in mechanical engineering, published article on title "Analysis of front axle for TATA LPT 1109 EX36 by analytical and FEA method" published in IJARST Journal receives best journal paper award.

Dr. D.B. Jani, associate professor department of mechanical engineering published book on "Exergy analysis on desiccant cooling systems" Lambert academic publishing.



Dr. D.B. Jani, associate professor in mechanical engineering ranked first in scholar merit of one week short term training program arranged between 26 April - 1 May, 2020 by RKCC Events Division (India) and CARE (Korea), in collaboration with NFDE NTC, ISBM RAK-UK, NFSS Punjab and NEOTECH TECHNICAL CAMPUS.

Achievements and activities of the Institute

Dr. Y. M. Makwana of Electrical Engineering Department received Excellence in Doctoral Research Award of the year 2019 from Hon'ble President of India Shri. Ramnath Kovind at Indian Institute of Technology (IIT) - Roorkee.



Prof. M. A. Maniar of Electrical Engineering Department is honored with PhD (Electical Engineering) from Indian Institute of Technology (IIT) - Delhi.



Prof. K. A. Bhatt of Electrical Engineering Department is honored with PhD (Electical Engineering) from Indian Institute of Technology (IIT) - Roorkee.

Departmental activities

- ❖ Industrial visit of B.E. 7th semester mechanical engineering students at Wanakbori Thermal Power Station, Wanakbori was arranged on 24 July, 2019.
- ❖ Dr. M. K. Chudasama assistant professor mechanical engineering organized one day workshop on “3D Printing” under GIC and SSIP on 27-07-2019.



Research publications by the faculty

- ❖ Prof. K.K. Bhabhor, assistant professor in mechanical engineering department has published research article on “Progressive development in solid desiccant cooling: a review” in International Journal of Ambient Energy, DOI: 10.1080/01430750.2019.1681293.
- ❖ Dr. D.B. Jani, associate professor in mechanical engineering department has published research article on “Advances in Liquid Desiccant Integrated Dehumidification and Cooling Systems” in American Journal of Environment and Sustainable Development, 2019:4:6-11.
- ❖ Dr. N.S. Mehta, associate professor in mechanical engineering department has published research article on “Effect of operational parameters on the thermal performance of flat plate oscillating heat pipe” in Journal of Heat Transfer, 2019:141: 121802-1.
- ❖ Tausif Pathan P.G. research scholar works under supervision of Dr. D.B. Jani, associate professor in mechanical engineering department and Prof. K.K. Bhabhor, assistant professor in mechanical engineering department has published research article on “An overview on front axle analysis of an automobile” in International Journal of Innovative Research in Technology, 2019:6(5):71-76.
- ❖ Dr. N.S. Mehta, associate professor in mechanical engineering department has published research article on “Experimental investigation of flat plate cryogenic oscillating heat pipe” in Journal of Low Temperature Physics, 2019:197(600).

Achievements and activities of the department

- ❖ Prof. N.S. Mehta associate professor of Mechanical Engineering Department is appointed as recognized PhD guide on 30-06-2020 at Gujarat Technological University.
- ❖ Dr. D.B. Jani and Dr. M.K. Chudasama Served as reviewer as well as session chair for International Conference (RAM-2020) at SVNIT-Surat.
- ❖ U.G. research scholars Gaurav Tiwari, Suraj Biniwale and Kaushik Pandey works under Prof. Papil Gautam and Prof. Vinod Golakiya have filled patent on “Advance slipper manufacturing machine” on 12-03-2020.
- ❖ U.G. research scholars Vaghasiya Parthkumar, Rahul Nayak, Ravikumar Jangid, Bhavin Patel and Mayank Singh works under Dr. M.K. Chudasama have filled patent on “Assisting Device to Stand And Walk” on 20-03-2020.
- ❖ Dr. M. K. Chudasama assistant professor mechanical engineering organized one day workshop on “Intellectual Property Rights - Technical Perspectives” under GIC and SSIP on 15-02-2020.
- ❖ Dr. S. B. Dikshit assistant professor mechanical engineering served as jury member at Regional Round of Smart Gujarat for New India Hackathon 2019-20 at SCET-Surat on 24-25 February, 2020.
- ❖ Dr. S. B. Dikshit assistant professor mechanical engineering mentored a team Regional Round of Smart Gujarat for New India Hackathon 2019-20 at SCET-Surat on 24-25 February, 2020.
- ❖ Dr. D.B. Jani associate professor mechanical engineering appointed as Organizing Committee Member in International Conference on Mechanical and Automobile Engineering (MAME - 2020), Munich, Germany, during September 02-04, 2020.
- ❖ Dr. D.B. Jani associate professor mechanical engineering appointed Editor in Chief in IGRPS Publications, USA. on 18-02-2020.
- ❖ Dr. D.B. Jani associate professor mechanical engineering completed online self learning course on "Common-Wealth of Learning" offered by Common-Wealth of learning, Canada on 17 February, 2020.
- ❖ Dr. D.B. Jani associate professor mechanical engineering conducted expert seminar on research paper writing at GEC, Dahod on 13 February, 2020.

ભાસ્કર વિશેષ | પ્રકાશન વિષય ઉપર પણ ફોકસ કરાયુ : 120 વિદ્યાર્થીઓએ ભાગ લીધો

દાહોદમાં સંશોધન પત્ર લખાણ વિષયે વ્યાખ્યાન

ભાસ્કરવ્યાજા દાહોદ

વિવિધ આંતરરાષ્ટ્રીય સંશોધન પત્રોનો સંદર્ભ લેવા તથા પોતાના સંશોધન કાર્યને એક સંશોધન પત્ર તરીકે કઈ રીતે રજૂ કરવું તેની વિસ્તૃત માહિતી વિદ્યાર્થીઓ દ્વારા મેળવવામાં આવી હતી. સીડી-કોલ વિભાગના સહપ્રાધ્યાપક ડૉ. ડી.બી.જાની દ્વારા એકદમ સ્થાન અને સરળ શૈલીમાં પ્રસ્તુત કરવામાં આવ્યું હતું. આ કાર્યક્રમનું આયોજન સંસ્થાના ખાતે આવેલ જી.આઈ.સી. ક્લબ દ્વારા કરવામાં આવ્યું હતું. વિદ્યાર્થી કોર્ડીનેટર હર્ષિત કુબે, નીરજ મોયં, સયામ રાય, પ્રકાશ ઝા, અંકિત પાલ, યશવંત કુમારવત, ગોરવ તીવારી અને જુહાનુદીન તેમજ જીઆઈસી કેકેટી કોઓર્ડિનેટર નીરવ ઉભરાવિયાએ આ કાર્યક્રમને સફળ બનાવવા માટે ખુબ જ જહેમત ઉઠાવી હતી.



દાહોદની સરકારી ઈજનેરી કોલેજમાં સંશોધન પત્રના લખાણ વીરો આયોજિત વ્યાખ્યાન-માસતા વિદ્યાર્થી.