

VGEC Voice



VGEC, Chandkheda

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From the Principal's Desk

Dear Students & Faculty Members,

It is a matter of great happiness that the first e-newsletter of our college is brought to you. The world is changing fast with innovation and unconventional thinking. This is the era of global technological development and advancement. India is one of the fastest growing and progressing countries in the world. Industrial, technological, and scientific development is accelerating at a very fast rate. In such an environment, industry demands highly qualified, skilled, efficient and well trained engineers. Engineering colleges are trying their best to provide engineers as per the requirements of industry. Quality education contributes in making a beautiful world. To fulfill the ongoing mission for providing quality engineers, Vishwakarma Government Engineering College initiated multifold activities related to students and faculty. The aim is to create an environment that will groom engineers who will contribute

not only to the specific needs of industry, but will also be socially responsible and will leave their distinguished mark in whatever they do. I am sure that the energy and commitment of our dynamic students and highly qualified faculty will lead us to great heights and make the state and nation proud.

OPEN HOUSE

VGEC, Chandkheda organized State Level Open House event on 8th and 9th April, 2015. This event was inaugurated by our Chief Guest, the Honorable Minister of Education, Shri Bhupendrasinh Chudasama. Guest of Honour was Shri Mukesh Puri, Principal Secretary of Technical Education, Shri M. S. Sahu, Chairman, 'I Create', Dr. Sudhir Jain, Director, IIT-Gandhinagar, Shri Anis M. Mankad, Commissioner, Technical Education. Shri Roopwant Sinh, Managing Director, iNDEXTb, Dr. M. N. Patel, Vice-Chancellor, Gujarat University. and Shri Anomitra Das, Head-HR, TCS, Gandhinagar were dignitaries presiding over the program.

The purpose of this programme was to strengthen Industry-Institute relationship. The other objective was to showcase 250 excellent projects carried out by students of 16 Government Engineering College of Gujarat as a part of their Industrial Projects. Experts invited from industries evaluated them. Awards for first 3 winning projects were given so that they could give professional touch to their work. The selected projects were screened by incubation and start-up center of iCreate of Government of Gujarat. The selected projects are likely to get funds for further start up supports and to convert

them into viable industrial products. Patent Clinic was conducted to file patents for all winning projects. Design Engineering workshop was arranged to guide them for giving professional design aspects. The Industry Advisory Boards have been formed for each department to guide and review industry linkages.

In addition to project showcase, HR Meet and Technical talks from Industry experts from TCS, Gift City, Essar and Adani were also arranged.

Technical Lecture:

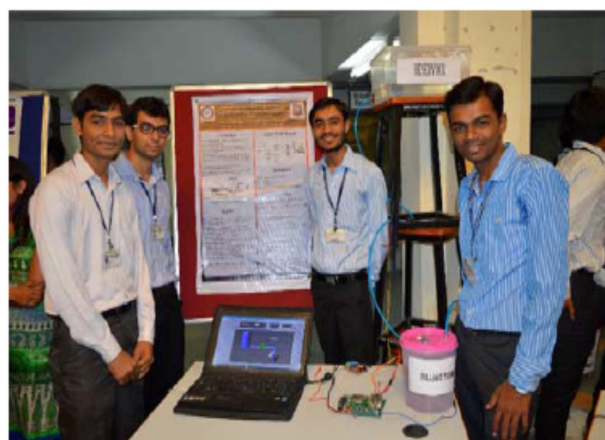
Topic	Expert from Industry
Year 2020: The Technology Road Map Ahead	Shri Anomitra Das, Head-HR, TCS, Gandhinagar
Challenges and Opportunities: An Industry Institute Linkage Perspective	Shri Bhavesh Karia, Vice-President, GIFT City
Expectations of Industry	Dr. Gopalji Sinha, HR Manager, Essar, Hazira, Surat
Infrastructure Opportunities in Emerging India	Shri Chetan Bajpai, Business Head, Industry Relations, Adani Infrastructure



HR Meet:

HR meet cum Panel discussion with reputed educationalists of the state and HRs of various companies had been organized in the conference room on 9th April, 2015. Panel discussion was led by Dr. R. K. Gajjar, Principal, VGEC, Chandkheda. The following themes were discussed at the meet.

Name of Dignitaries	Theme
Dr. S. K. Jain, Director, IIT Gandhinagar	IIT's approach to project based learning.
Shri Anis Mankad, Commissioner of Technical Education.	Technical Education Initiatives
Dr. M. N. Patel , Vice Chancellor, Gujarat University	Industry Interface with University
Mr. Anomitra Das, Western Region Head, TCS.	Multidisciplinary Students in IT industry.
Mr. Bhavesh Karia, Vice President, Gift City, Gandhinagar,	Insight into GIFT city as corporate Hub
Dr. Prabodhe Swain, iCreate	iCreate initiatives for start-up and Incubation.
Mr. Vinayak Phadke, Honeywell Technology	Tapping industry needs into industry – institute collaboration
Mr. Rutvik Shah, AlakMalak Technology	Role of curriculum in placement of the students.



TechnoAspire – 2015:

TechnoAspire-2015 was organized on 25th & 26th March 2015. TechnoAspire is the technical festival of VGEC which provides platform to students to showcase their talent by competing with one of the best students. It also provides opportunities to students to work as a team member or a team leader. It was inaugurated by Dr. S. K. Jain, Director, IIT-GN and Principal, VGEC.



Technical Events

Department	Number of Events Organized	Total Number of Participants
Mechanical	4	51
Civil	4	212
Computer	6	142
EC	2	43
Electrical	2	31
IC	1	9
Power Elec.	1	19
Chemical	5	117



Non-Technical Events

Total Events	Total Participants
23	732

Cultural Events:

The cultural events were organized on 26th March, 2015 in which the students of VGEC showcased their hidden talent in organizing the events, coordination, stage management, finance management and stage performance. Large number of volunteers and event coordinators took part very enthusiastically.

Sports:

Sr. No.	Game	Number of Participants	Number of Institutes	Winner
1	Football	6 Teams	6	SAL Inst.
2	Volleyball	8 Teams	8	Samarpan Commerce & Arts College
3	Basketball	11 Teams	11	H L Commerce College
4	Table-tennis	31	10	Gujarat University



Faculty Achievements:

There are nine faculty members having Ph.D. in various disciplines. Moreover, all the faculty members are engaged in academic development by attending and organizing seminars, conferences and workshops. Some of the achievements of our faculty members are:

Department	Name of Faculty	Awardee	Year	Remarks
Chemical	D. D. Mandaliya	Young Research Scientist from SERB (DST)	2014	Young Scientist Award
Computer	M. T. Savaliya	Computer Society of India, Mumbai	2014	Chapter Patron Award
EC	R. A. Thakker	Intel Asia Academic Forum	2008	Best research paper award
General	Dr. A. R. Patel	Society of Tribologists and Lubrication Engineers, USA	2012	Paper at International Conference at Denver, USA

Publications (having ISSN/ISBN)				
International	72		Patent	3
			Journal	43
National	27		Conference	40
			Book	10
			Chapter of a Book	5
			Other	2

Patents Registered by Faculty:

Dept.	Name of Faculty	Patent Title	No.	Type	Year
EC	R. A. Thakker	Operational Amplifier Having Improved Slew Rate	Patent No.: USA 8,089,314 B2	International	2012
		Operational Amplifier Having Improved Slew Rate	European Patent Application EP2543141	International	2013
		Brainwave enabled multifunctional, communication, controlling and speech signal generating device	Indian patent	National	2013

Student Achievements:

Dept.	Name of Student	Awardee	Year	Remarks
Mechanical	Jalay Shukla	Science Direct Journal	2014	Published Paper
IC	Vekariya Vivek V.	International Society of Automation, USA	2014	ISA Educational Foundation Scholarship
Chemical	Pranjali Shah	World Engineers' Summit, Singapore	2013	Certificate
Chemical	Rupanjali Prasad	GTU, Ahmedabad	2014	Award- Gold Medals
Electrical	Hardik Khunt	GTU, Ahmedabad	2014	Certificate of fellowship from GIC(GTU innovation council)

Training & Placement Cell:

The Training & Placement Cell of VGEC works in close collaboration with industry and also works enthusiastically for the placement of students. The major recruiters like TCS, L&T Infotech, Wipro, IBM, e-Infochip, Torrent Power Ltd., Hitachi-Hirel, Polaris, Yokogawa India Ltd. have recruited students from VGEC.

