The Gardi Times

Mechanical Engineering

Anything That Adds Values.

Technical Fest plays an important role in the college curriculum. It is one such event where young brains get to showcase their skills and compete with others to find the best. Such inspiring events happened in Vishwakarma Government Engineering College, Gandhinagar namely Aqua Olympiad - 2019

Department of Mechanical Engineering from BHGCET has marked the footprint in this event. Rajpalsinh Jadeja and Suryadeepsinh Jadeja from 6th Semester secured 1st rank in Aqua Olympaid Event.

Departmental head Prof. Priyank Zaveri and other faculty members heartily congratulate them for their success and gave best wishes for upcoming challenges.

> **Champions keep playing until they get it right**
> - Billie Jean King

GPSC Achievement

"Education is the key to success in life and teachers make a lasting effect in the lives of their students"

The department of Civil Engineering is swollen with the proud on student achievement.

Jaydeep Koshiya and Lathiya Milan who were the toppers of GTU Exam also succeeded in GPSC Exam. They are placed as Assistant Engineers in Irrigation Department.

To achieve this grand success, Dr. Vimal Patel - Head of the Department took continuous efforts for students. Institute and the department congratulate the students for their grand success.

BATCH (2013-2017)
Congratulations! To Alumni
Department of Civil Engineering

Milan Lathiya
Assistant Engineer (Class II)
Irrigation Department

Jaydeep Koshiya
Assistant Engineer (Class II)
Irrigation Department

Upcoming Event

After all India has gifted
'Yoga Divas' to the world,
so being an Indian
we should be a
part of this gathering...

Venue:
Cricket Ground, Gardividyapith Campus
Date:
21st June, 2019
Time:
8:30 to 9:30 am.

Expert Talk on Renewable Energy

Prof. **Pushprajsinh Jadeja** from the Department of **Electrical Engineering** had attended expert Talk on "**Protection and Safety of Power systems with Highly Renewable Distributed Energy Resources**" conducted by **Prof. Nirmal Nair** (Professor, The University of Auckland-New Zealand) on 04/04/2019 under IEEE Gujrat Section.

The talk mainly focused on penetration of distributed generation in current grid and its effect on the operation of grid. Here in distributed generation, mainly the effect of Wind Energy Generation is considered on grid operation and its safety and Protection. The talk was very successful because of the case study base explanation. The case study excludes power scenario of India, New-Zealand and many European countries. Along

Prof. Nirmal Nair Delivering Expert Talk

with IEEE, Prof. Nirmal Nair sir also emphased the role of CIGRE (International Council on Large Electric Systems) on technical and economic aspects of the electrical grid, as well as the environmental and regulatory aspects.

Attendees of An Expert Talk with Prof. Nirmal Nair Sir

Avishkar 2k19 @BHGCET

Albert Einstein once said that "Imagination is more important than Knowledge." If you choose a career in the design side of engineering, you'll be putting this wonderful theory into action. BHGCET constantly aspires to give an innovative practical edge to the students to make them ready for industry before they complete their graduation.

B. H. Gardi College of Engineering and Technology feels proud on successful completion of event named **AVISHKAR 2k19** on 13th April 2019. To display the students' talent and give them a chance to interact with industry experts, every year, BHGCET organizes a

Avishkar 2019 Memory with Industry Person

Judges were Felicitated with Momento at Gardiyapith

Design Engineering Project Fair and Competition for the students of 4th and 6th Semester students of all Departments. The enthusiasm of the students and their final innovation has created a new milestone for all the sections of the education system. This was purely based on technical and logical skills.

From all Departments, this year more than 200 projects were displayed and students got opportunity to share their technical knowledge with peers and industry experts. Different Students identified different problems from society and developed technical solutions in the form of projects with best technology. Student projects were divided into 3 Awards categories namely "Earth Science

The Winner Teams From All Departments Are :

Branch	Technology Award	Product Science Award	UI/UX Award
Computer (4th Sem)	Traffic Control using Laser	The Government Relief	Quizol
Computer (6th Sem)	Chatbot	Project Manager	JMTS (Bus Service)
IT (4th Sem)	Online Job Application	Smart Fencing	Virtual Assistant
IT (6th Sem)	Smart Home Lock	Smart Garden	Prega Antimation
MCA (4th Sem)	Hostel Management System	Family Locator	Gaming Addicts
Mechanical (4th Sem)	Coil Gun	—	—
Mechanical (6th Sem)	Solar Water Distribution Still	—	Freeze Drying for Food Preservation
Civil (4th Sem)	Road Construction using Plastic Waste	—	—
Civil (6th Sem)	Traffic Survey	Ground Water Depletion	
EC/Electrical (4th Sem)	Microwave Gun		
EC/Electrical (6th Sem)	Smart Border Security	Smart Solar Roof Top	Smart Home Automation

Award", "Technological Excellence", "Product Science Award", and "UI/UX Award".

Dr. Vimal Patel, Head of Civil Engineering Department, was the convener of AVISHKAR 2k19 along with his faculty team: Prof. Jatin Ambasana (Computer Engineering), Prof. Kashyap Dave(Computer Engineering), Prof. Pinal Rupani (Computer Engineering), Prof. Monika Shah (Information Technology), Prof. Mitra Ashara (MCA department), Prof. Nirav Mehta (Electrical Engineering), Prof. Kajal Dudhatra (Civil Engineering) and Prof. Yamini Champaneri (Mechanical Engineering).
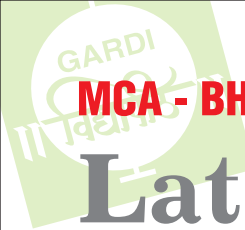

Inauguration of Avishkar 2k19

Students Motivated Through Awards (CE, IT, MCA)

**Industry Persons Visiting Students Projects
And Giving Their Valuable Suggestions**

**Students Motivated Through Awards
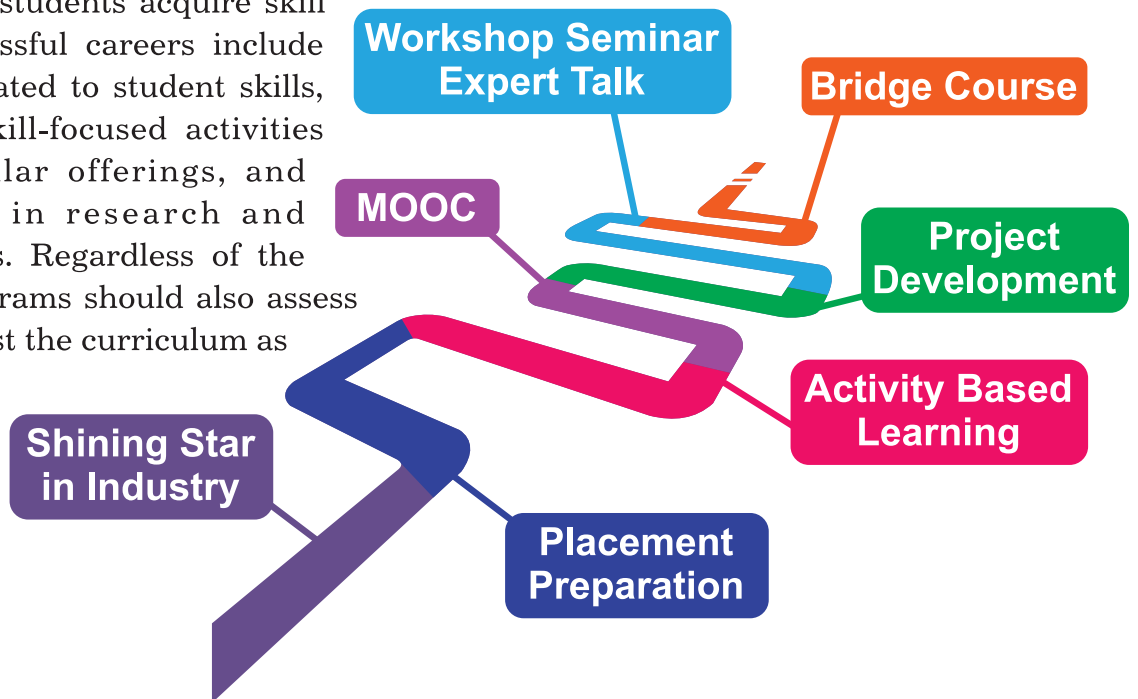(EC, Electrical, Mechanical, Civil)**

Latest Trend in The World of Technology

In order to prepare students to enter the workforce or further their education, two-year college programs should provide experiences that go beyond book knowledge alone to develop other critical skills necessary for effective and productive professionals. Strategies for helping students acquire skill sets needed for successful careers include offering courses dedicated to student skills, integrating student-skill-focused activities into regular curricular offerings, and engaging students in research and internship experiences. Regardless of the approaches used, programs should also assess student skills and adjust the curriculum as needed to maximize their development. MCA department is work on step by step progression of the students in which we are shaping the knowledge of the students starting from ground level till they are placed in the industry.

Road Map of MCA

- Workshop Seminar Expert Talk
- Bridge Course
- MOOC
- Project Development
- Activity Based Learning
- Shining Star in Industry
- Placement Preparation

Shining Starlet of Technical Event

Winner of Hackathon-2018

Team of MCA batch (2017 - 2019) Parmar Sandip, Parmar Raj, Malek Karishma won first rank in Hackathon-2018 organized by BHGCET and also got job offer from well know IT company Infostretch, Ahmadabad.

Shining Star of Avishkar-2K17

Students of MCA batch (2015 - 2017) Ramesh Shoratiya won second rank in Avishkar-2K17 organized by BHGCET under CSI chapter.

MCA-4 Winner of Aviskar-2K18

● 1st rank in Aviskar-2K18 organized by BHGCET, students of MCA batch (2017-2019) Param Raj.

● He developed an Android application on Library management system.

MCA-4 Runner Up of Aviskar-2K18_MCA-4

● Runner up Aviskar-2K18 organized by BHGCET, students of (2017-2019) Modha Manish, Baldha Fena, and Bambhaniya Anil .

● They developed "Students Leave Management System" in PHP.

MCA-6 Winner of Aviskar-2K18

● 1st rank in Aviskar-2K18 organized by BHGCET, students of MCA batch (2016-2018) Faldu MAdhuri and Detroja Monali.

● They developed an android application MM chat.

MCA-6 Runner Up of Aviskar-2K18

● Runner up Aviskar-2K18 organized by BHGCET, students of (2016-2018) Dudhatra Kishan.

● He developed project of Jetnet in PHP.

Avishkar-2K19 Under The Product Science Award Categories

Students of MCA batch (2018 - 2020) Rajesh Khuti and Ramsinh Jadeja become winner of the Avishkar-2K19, Product Science Award categories organized by CSI chapter -BHGCET.

Avishkar-2K19 Under The UI UX Excellence Award Categories

Students of MCA batch (2018 - 2020) Jital Doshi, Denisha Lakkad and Disha Limbasiya become winner of the Avishkar-2K19, UI / UX Excellence Award categories organized by CSI chapter - BHGCET.

Avishkar-2K19 Under The Technology Award Categories

Students of MCA batch (2018 - 2020) kaushik Zankat and Nainujee Harshal become winner of Avishkar-2K19, Technology Award categories organized by CSI Chapter - BHGCET.
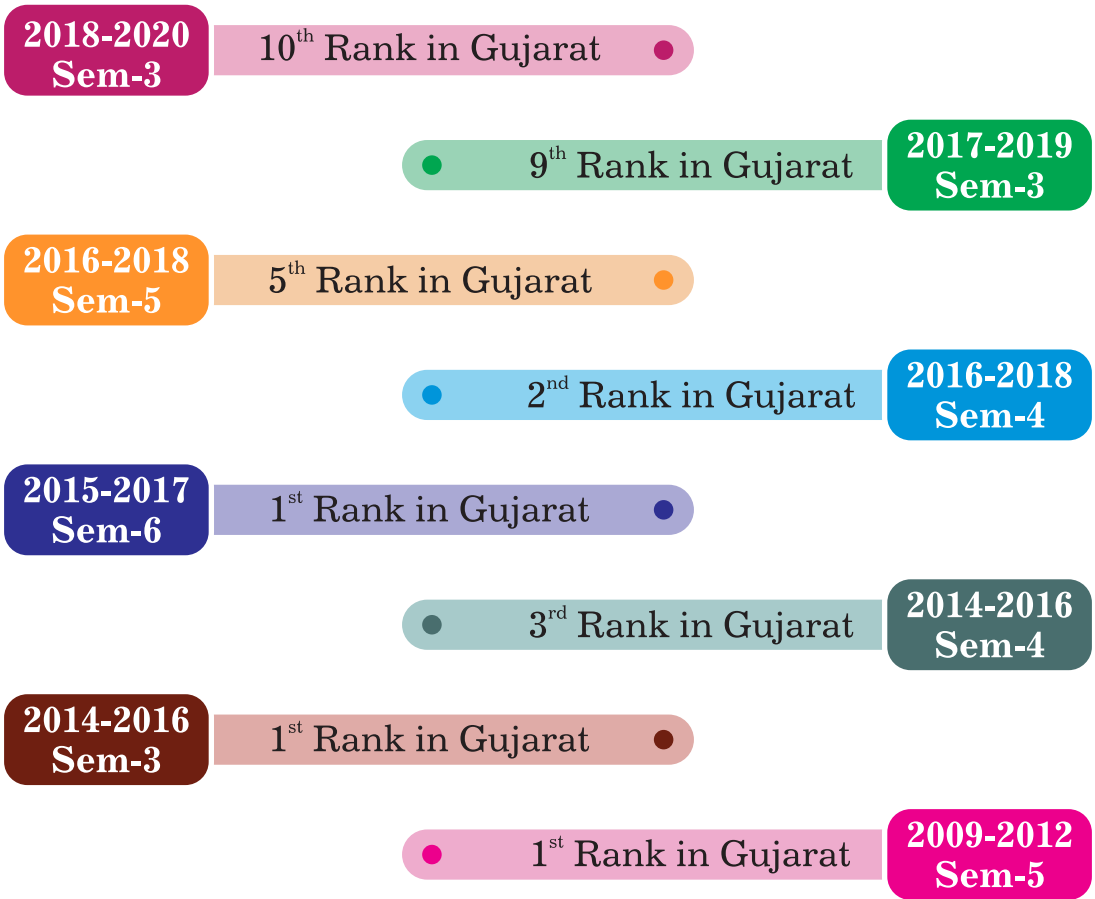
Students with Their Canvas

Students MCA 4th semester Sunil Barad and Mayur Khokhar participated in the event of Design Engineering Exhibition - GTU Techfest-2016, they 2nd runner up and gave remarkable performance.

Achieving Excellence Together

The department of MCA at BHGCET follows the teaching methodology of Project Based Learning and Activity Based Learning which provides platform to the students to get an experience to develop the projects and work on the live projects. Generally students work on tutorials during the bachelor degrees but here in MCA, BHGCET provides platform to work with industry and it puts vital effect on the result too.

Period	Rank
2018-2020 Sem-3	10th Rank in Gujarat
2017-2019 Sem-3	9th Rank in Gujarat
2016-2018 Sem-5	5th Rank in Gujarat
2016-2018 Sem-4	2nd Rank in Gujarat
2015-2017 Sem-6	1st Rank in Gujarat
2014-2016 Sem-4	3rd Rank in Gujarat
2014-2016 Sem-3	1st Rank in Gujarat
2009-2012 Sem-5	1st Rank in Gujarat

Academic Excellences

Ranker in GTU top 10 (Batch 2017-2019)

**MCA Batch (2017-2019)
GTU-9th Rank**

Ms. Karishma Malek
Achieved 9.53 SPI
& Gained
9th Rank in GTU
Semester 5

Contributing to The Society

Mr. Sagar Jethi, student of MCA Batch 2012-2014 is actively working with Robin Hood Army Ahmedabad since two and half years. He is undertaking Food drives on a regular Basis and Academy drives on every weekend with full enthusiasm. Basically in food drive they collect leftover food and distribute to needy person. In academy drive

they provide basic teaching to slum kids from his busy schedule, he is giving an hour almost every day for this noble cause. Apart from this he is managing social media team and promotional tasks of Robin Hood Army Ahmadabad very efficiently. BHGCET feels proud to have such a student who really does wonderful task for the society.

Success Story of Entrepreneurs

Mr. Vinod Kalathiya Founder and CEO of Sensussoft Software Pvt. Ltd.
The company work on the following technologies...
- ☞ Android
- ☞ Iphone
- ☞ Hotel Booking Web - Sensudrive
- ☞ CRM Migration

Mr. Nilesh Ramoliya Founder and CEO of The Itwebcare
The company work on the following technologies...
- ☞ Website Development
- ☞ Software Development
- ☞ Website Design
- ☞ SEO

Mr. Shahnawaz Jivrani Founder and CEO of iTechno Digital Company.
The company work on the following technologies...
- ☞ Website Development
- ☞ Website Redesign and Maintenance
- ☞ Wordpress Development
- ☞ Email Marketing
- ☞ Search Engine Optimization
- ☞ Content Marketing
- ☞ Pay Per Click
- ☞ Affiliate Marketing Service

Mr. Yognesh Ponkiya and Mr. Piyush Suthariya Founder and CEO of Coderaintechnolabs.
The company work on the following technologies...
- ☞ eCommerce Based Application
- ☞ Magento
- ☞ NodeJS
- ☞ Angular JS
- ☞ React JS
- ☞ Yii
- ☞ Laravel