The Gardi Times

Think Design Talk Design with Anil Reddy

Year 2020 has started with a fantabulous opportunity to embark on career goals for students. The first Industry Expert on the premises of B.H.Gardi College of Engineering and Technology was **Mr. Anil Reddy, the Founder and CEO of Lollypop Designs, Bangalore;** ranked **1st in India** and **3rd Globally** among top User Experience Agency. He is remarked as an *"Artist by Heart and Entrepreneur by Choice"*

Knowledge is Power…. Knowledge shared is Power Multiplied…… - Robert Noyce

A true preacher of this thought is Anil Reddy. What if we enabled engineers with design? Isn't it a deadly combination? The strong urge to infuse design into multiple disciplines ignites Mr. Reddy to experiment his thoughts. He shared his notion of intermingling design and engineering with the aspiring engineers and was quite delighted to interact with them.

"It was a wonderful arrangement by the college. Great to see the curiosity of engineers to know about design thinking. They came up with so many questions which *made the session interactive and successful. I had a great time with you all. Would love to be part of more events for the future techies."- Anil Reddy*

This superlative session was the result of dedicated efforts of Miss Hiral Ganatra towards student development and providing them the opportunity to meet the world beyond college. The students were indeed grateful to be with him. The talk manifested the essence of multi disciplinary engineering with deep impact of designing. The true meaning of design was well explored in the session. Sharing his life journey served as Cherry on the Cake. HARDSHIPS are the true life coaches and DETERMINATION TO MOVE FORWARD is the key skill to success were the best take homes for the entire audience.

Team BHGCET extends heartfelt gratitude to Mr. Reddy for sharing his time and expertise and appreciates efforts of Hiral Ganatra to get this opportunity for Gardians.

FDP for **Transforming Engineering Education in India**

Faculty vitality is the main ingredient to enhance professional education and competence. Enriching the faculty vitality in key domains of teaching, assessing, research, professionalism, and administration is perceived to improve educational environment significantly and enhances the academic performance of learners. Faculty development program (FDP) has been considered as a stand-

alone educational pedagogy in fostering knowledge and professional skills of faculty.

Such an FDP was organized by B. H. Gardi College of Engineering and Technology from 30th January to 1st February, 2020. The vision of IUCEE is to improve the quality and global relevance of engineering education and research in India with related benefits to engineering educators around the world. The major focus is on faculty development, student

development, curriculum development, as well as improved teaching technologies & engineering education research.

Dr. Claire Komives was the expert for the session. She is a professor of Chemical Engineering at San Jose State University (SJSU). She has taught 10 different courses, including core chemical engineering courses at the graduate and undergraduate levels, as well as biochemical engineering lecture and
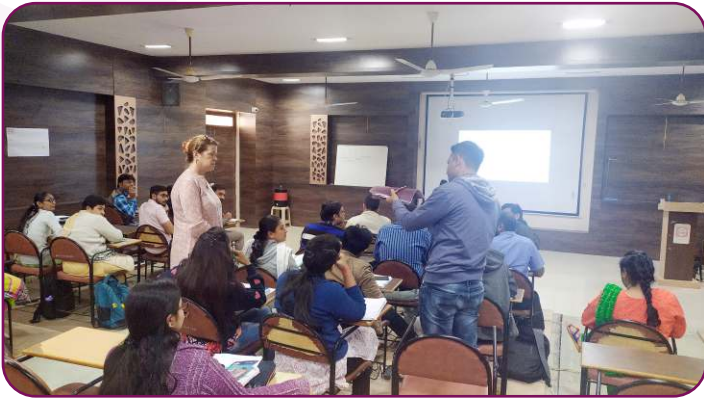

laboratory elective courses. She has more than 20 publications and two patents to her name, has received over $750K in grants since joining SJSU, and was awarded the Don Eden Award for Excellence in Teaching at SJSU.

Day 1

• Started with the webinar of Dr. Veena Kumar on the importance of Active learning education system in Engineering.

• Session was all about how to design a course, discussing on the constraints in the current course designs, how to make learning effective.

Day 2

• Sessions on different Active learning methods in the classroom. Faculties practiced various methods like flipped classrooms, collaborative learning, think-pair-share, jigsaw, etc.

• Post lunch the expert taught about different assessment methods to check the progress of the students.
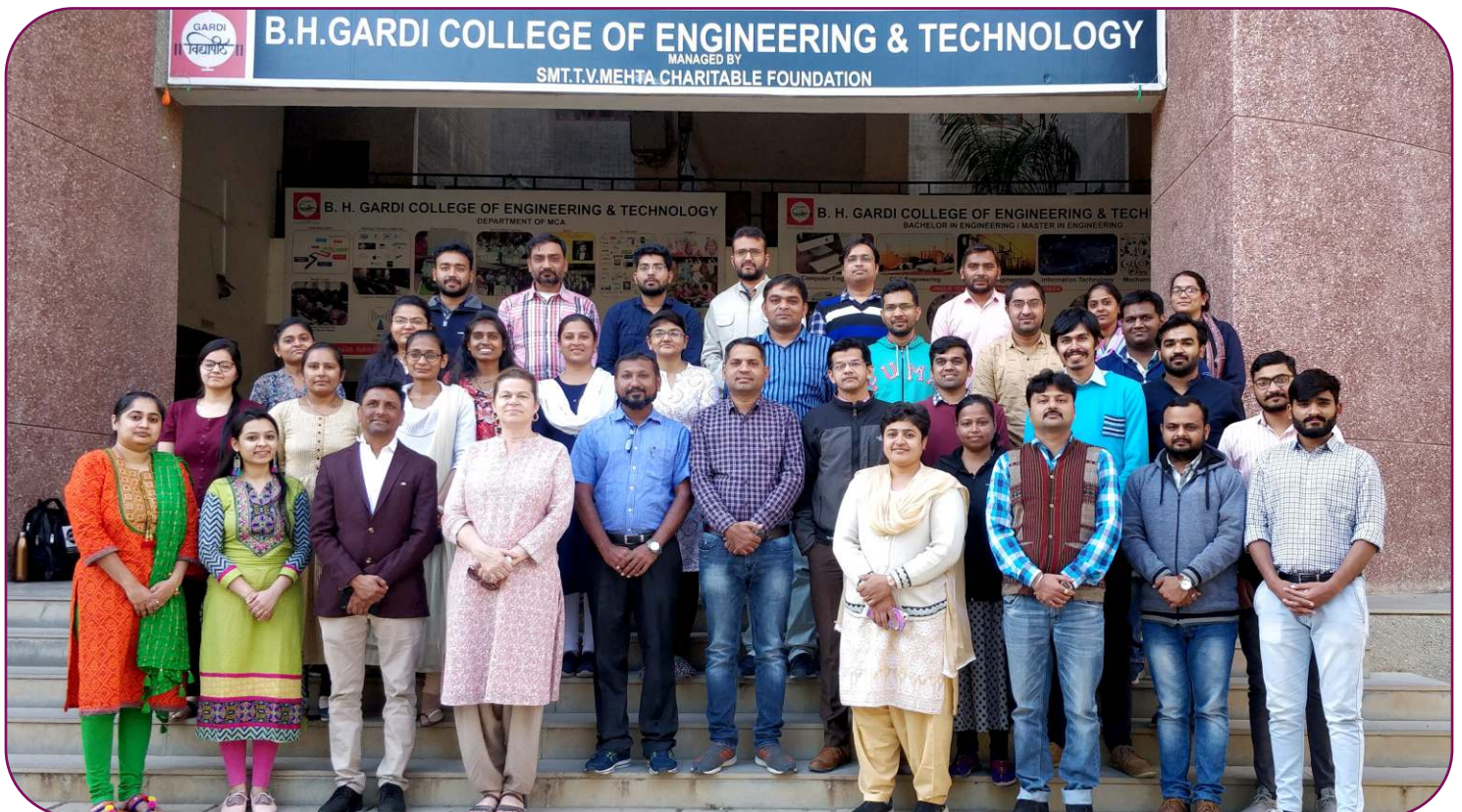
Day 3

• The highlight of the day was designing internal question papers, preparing quiz and also about designing rubrics to achieve the goal of learning by doing.

• Discussion on plagiarism and different measures to control it among students.

• The most important session was about writing research papers on problems faced by engineering educators.

At the end of the 3 days workshop there was a webinar by Dr. Krishna Vedula on Transferring Engineering Education in India. He actively interacted with all the participants. Workshop concluded with certificate distribution to Phase -1 Participants.

Bharattothan
A Lense to See the Transformation of INDIA

A unique way of celebrating 71st republic day. This event was open for all students, authorities, teachers, sweepers, drivers, peons. Everybody has participated with full of enthusiasm and put their thoughts of transformed India after 1950 on a paper.
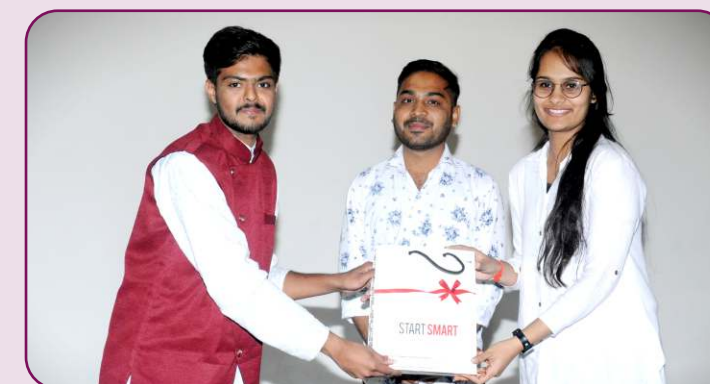
This event was held on 25th January, 2020 from 10:35 am to 3:00 pm. More than 450 participants in around 225 teams participated with the following 5 themes.

5 Themes & their judges:

- Science and Technology in India (Ms. Pooja Mehta)
- Pride of India (Ms. Grishma Jani)
- Diversity in India (Ms. Ashka Jani)
- Indian Arm Forces (Mr. Jay Dave)
- Clean and Green India (Mr. Nawaz Ghodi & Mr. Joy Lakhani)

On the day of 71st Republic day, there was Flag unfurling ceremony and merit distribution to the achievers. Poster exhibition was followed by celebration. The event concluded with evaluation by judges and prize distribution to winners.

Sr. No.	Theme	Judge Name	Student Coordinators	Prize-1	Prize-2
1	Science & Technology in India	Ms. Pooja Mehta	Shanti Odedara Rimple Odedara	Keval Siddhpura Mihir Patel Prof. Birju Tank	Raj Savaliya Harshit Gusai
2	Pride of India	Ms. Grishma Jani	Rubeena Geerach Hetal Makawana	Lila Nirav Darshil Bhakar Prof. Natasha Sagar	Thakar Shaili Shriya V. K.
3	Diversity in India	Ms. Ashka Jani	Ekta Devani Drashti Thumar	Vivek Gorasiya Mariya Bharmal Prof. Gaurav Joshi	Darsha Nirmal Hemanshi Gusani Dr. Vimal Patel
4	Indian Arm Forces	Mr. Jay Dave	Sagar Gohel Miral Vaghela	Jay Bhuva Hitesha Vekariya	Yashraj Jadeja Goswami Dhruv Prof. Rahul Parmar
5	Clean & Green India	Mr. Nawaz Ghodi & Mr. Joy Lakhani	Mansi Thanki Jaydev Gondaiya Samira Sodha Tarjni Dave	Parmar Sumit Modhwadiya Pratap	Piyush Parmar Sujan Trada

Expert Talk On "An Application of GIS using ArcGIS

The Expert talk was organized by Department of Civil Engineering on "An Application of GIS using ArcGIS for civil engineers" on 9th of Jan 2020. The expert for the session was Er. Hitesh Rathod from Theodesh Consultant. The expert was having Good Knowledge in advancement of surveying and mapping using GIS Based Software i.e. ArcGIS, and serves as consultnat to the very well-known

Awarded a Momento to an expert Mr. Hitesh Rathod by Head of Civil enigneering dept.

Group Moment of Expert talk on "An Application of GIS using ArcGIS for civil engineers"

Outcome:

• Able to know about recent Advance trends in Surveying and mapping.

• Student would be able to work on Software based on GIS i.e. ArcGIS & QGIS

• Able to work on innovative project as a DE & final year project under the guidance of expert.

companies Like IOCL, BPCL, HPCL, and GAIL for underground piping system.

The session was commenced with talk on Real Application of ArcGIS in actual market. Students were eager to know about recent research trends and many upcoming advances in Surveying and mapping system. In that session the expert gave hisreal epoxy of industry in collaboration with engineering. The last few minutes were spent on interactive session of students with the expert. The expert also mentored the aspirants for final year as well as DE project based on ArcGIS & QGIS.

Glimpse of Expert Session by Er. Hitesh Rathod at Main CC, BHGCET

A Day Long Workshop on "R Programming Language" For Teachers

R is one of the most preferred open-source languages for analytics and data science. The cross-platform compatibility of R and its capacity to handle large and complex data sets makes it an ideal tool for academicians to analyze data in their labs. The first session was online session through A-VIEW. In this session Prof. Radhendushka Srivastava and Prof. Kannan Moudgalya give inaugural speech and interacted with all the participants.

Practical Session in the guidance of Prof. Homera Durani

This workshop was held on 9th November, 2019 at B. H. Gardi College of Engineering and Technology conducted by IIT Bombay, Sponsored by the National Mission on Education through ICT (NMEICT), MHRD, Govt. of India. 25 Faculties from various branches like Computer, Information Technology, Civil, Mechanical and MCA had actively participated in this workshop.

The second Session was Activity based session using spoken tutorials for learning basic of R language and how to work with R studio. After learning from tutorials, Prof. Radhendushka Srivastava and Prof. Kannan Moudgalya interact with all the faculties to solve the queries during performing practical.

Faculties Participants in Workshop

After the break, Activity based session continued. All participant learnt fundamental concepts of R such as working with data, Graphical Representation of data, different packages etc with the help of workshop faculty coordinator Prof. HomeraDurani, followed by A-VIEW Question answer session arranged by Prof. Radhendushka Srivastava and Prof. Kannan Moudgalya.

This workshop was successfully coordinated by Prof. Homera Durani. There were more than 25 participants from various educational institutions.

Participants Attending Online session through A_VIEW

AICTE - Chhatra Vishwakarma Award - 2019 at Oriental Institute of Science and Technology, Bhopal

The AICTE Vishwakarma Awards 2019 was being organized by All India Council for Technical Education (AICTE)for promoting innovative spirit and scientific temperament for holistic development of society through the stake holders of its approved institutes. By means of this competition, the innovations and achievements of individuals and institutions were recognized.

Project team from the Department of Computer Engineering, got selected and nominated in the **"AICTE - Chhatra Vishwakarma Award - 2019" at Oriental Institute of Science and Technology, Bhopal** on 20th December 2019.

Project Title: Smart Gram Panchayat

Mentor: Prof. Madhuri Vaghasia

Student Team Leader: Savani Kishan (8th Sem Student)

Student Team Member: Bhavin Sapara and Neel Mevada (6th Sem Student)

This team cleared 3 rounds i.e. Scrutiny, Video/PPT and Regional round. Prof. Madhuri Vaghasia (CE/IT Department) was the mentor of the project and with her support and guidance, this achievement could become possible. Prof. Hemal Rajyaguru (HOD of Computer Engineering) and Dr. Vaibhav Gandhi (HOD of IT/MCA Department) would like to congratulate the team and mentor for his achievement and all the very best for the upcoming challenges and opportunities.

Such competitions are always organized to encourage and motivate young students and institutions to raise their performance in their specific domains leading to significant contribution towards the growth and development of the nation as a whole.

Student team with Mentor at Oriental Institute of Science and Technology, Bhopal