

GHARDA FOUNDATION'S GHARDA INSTITUTE OF TECHNOLOGY



**DEPARTMENT OF
CIVIL ENGINEERING**

NEWSLETTER

**January to June,
2020**

VISION OF INSTITUTE

To play a distinct role in transforming individuals into Engineering professionals for betterment of society.

MISSION OF INSTITUTE

Impart knowledge through relevant curricula.

Develop skills to apply knowledge to profession for betterment of society.

Create awareness and understanding of continuous learning.

**GHARDA INSTITUTE
OF TECHNOLOGY**

**DEPARTMENT OF CIVIL
ENGINEERING**

MISSION OF DEPARTMENT

Impart quality education through need-based curriculum in the academic program

Develop skills to apply knowledge to chosen profession

Create awareness, understanding of continuous learning and responsibility towards society and environment.

VISION OF DEPARTMENT

To develop individual as a proficient Civil Engineer with social responsibility

MESSAGE FROM TRUSTEE

I am delighted to offer before you the News Letter of the Civil Engineering Department. My warm wishes and congratulations to the staff and students for achieving good academic performances and continuing tradition of good results. Still all of you will agree that best is that to be achieved and we all have to work hard with honesty, dedication and commitment towards betterment of student community. Under the guidance of Dr. K H Gharda, GIT has become a leading engineering institute in University of Mumbai. A Lively, energetic, study friendly atmosphere with the support.

FROM THE PRINCIPAL'S DESK

Prof. Dr. P S Joshi

We feel privileged in publishing the edition of News Letter of the Civil Engineering Department. I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success. There has been a continued increase in the number of activities of the students and the institute over the years. The students and staff of the institute are motivated in scientific activities at the state and national level. I am thankful to the authors who have send their articles and all the readers who will be reading this News Letter of the Civil Engineering Department.

MESSAGE FROM THE HEAD OF THE DEPARTMENT

Prof. Dr. S K Patil

We feel proud in publishing the Newsletter in order to give the information about the activities on going in the Civil Engineering Department of Gharda Institute of Technology. Through the Publication of this Newsletter the reader will be able get the overview of the various activities such as student participation, Faculty Contribution in the departments along with their special achievements in the Field of Civil Engineering.

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Introduction

Civil Engineering is a professional engineering discipline that deals with the design, construction, and maintenance of the naturally and artificially built environment, including works like roads, bridges, canals, dams, airports, sewerage systems, pipelines and railways. The Department of Civil Engineering in GIT was established in 2010 with an objective of adherence to the institute's vision and mission of providing multi-skilled Civil engineers to the society for its betterment. To achieve this objective our department is facilitated with the availability of well qualified and experienced faculty of various specializations in Civil Engineering. This is complimented by state of art laboratories of Concrete Technology, Geo-technical Engineering, Surveying, Engineering Geology, Environmental Engineering and Transportation Engineering. Our department has a provision of a smart class room with provision of audio-visual aids like smart interactive board, computer, LCD projector, etc. in order to enhance the teaching quality.

Our faculty are the alumni of prestigious bodies like Indian Institute of Technology, Institute of Chemical Technology (ICT), Sardar Patel College of Engineering (Andheri), various Government Engineering Colleges, and renowned Institutes of Engineering. Every faculty holds excellent academic record in their respective specializations. Three faculty members have already been awarded with PhD and two more have newly enrolled for the same.

Students are the prime focus of our department and in order to nurture their engineering requirements our faculty is always involved in various activities like attending and conducting training workshops, conducting various technical events for the students like “Sthapatyam”.



Front view of Civil Engineering Department, GIT (Lavel)

The report as follows depicts various achievements of our department which certainly are in confirmation with our Institute's vision and mission. At our department, as rightly said by Winston Churchill, "**We shape our buildings, thereafter they shape us**".



Faculty of Civil Department at their Outreach Centre for Indian Institute of Remote Sensing of ISRO

Industrial Visits

Main aim of industrial visits is to provide an exposure to students about practical working environment. Industrial visits also provide students a good opportunity to gain full awareness about industrial practices. Through industrial visit students get awareness about new technologies. It is a wonderful way to build relationships and improve communication & knowledge.

| Sr. No. | Name of Industry / Place | Date of Visit | No. of Students Present & Class |
|---------|---|--------------------------------|---|
| 1 | CONSTRO 2020, Pune. | 18 th January, 2020 | Prof. S.S.Gujrathi, Prof. V.D.Kamble & Prof. V.R.Kasar Civil 67 Students. |
| 2 | Culvert Design at Lote, Parshuram | 29 th January, 2020 | Prof. S.S.Gujrathi BE Civil 7 Students. |
| 3 | Vadav (Pen) to study and survey Ferro cement tank. | 1 st February, 2020 | Prof. G D Parulekar BE Civil 8 Students |
| 4 | L&T TICC/Mahad First ONLINE SITE VISIT conducted for S.E. and T.E. students through Alumnus | 28 th April, 2020 | Prof. G D Parulekar Prof. Y R Kulkarni 98 students SE and TE Civil |

**Industrial Visits**

Students are an important part of society. Students cannot live in complete isolation from the community-life. Even a school-going student is bound to have links with other people who together form a society. Students can play an important role in improving and strengthening the society, through their participation in various activities organized at every level within an institute or outside an institute.

Special Achievements by our Students

The importance of extracurricular activities on college campuses is well established. The primary goals of extracurricular activities focus on the individual student level, the institutional level, and the broader community level. These activities exist to complement the university's academic curriculum and to augment the student's educational experience.

| Sr. No. | Achievement | Date | Name of the student |
|---------|---|--------------------------------|---|
| 1 | 2nd Rank in Patriotic Song competition at Gharda Institute of Technology | 26 th January, 2020 | Shobha Pawar (SE Civil), Siddhi Sawant (TE Civil), Pranali Jadhav (TE Civil), Chitragini Chavan (TE Civil), Shriya Manduskar (TE Civil), Indrajit Jadhav (TE Civil), Viranchi Khatu (TE Civil), Jyoti Pawar (BE Civil), Prajakta Thakur (BE Civil), Sneha Thakur (BE Civil), Priyanka Pandhare (BE Civil) |
| 2 | Ambedkar Jayanti Celebration- Arranged Drawing/ Sketch and Poem Writing Competition online with a Social message to cope up with this Lockdown period | 14th April, 2020 | Students of department of Civil Engineering |

| | | | |
|---|---|-------------------------------|--|
| 3 | Conducted session on "Introduction to Revit Software along with overview of its Application" for S.E and T.E students | 3rd June, 2020 | By B. E. Students- Mr. Taj Adnan and group, Faculty- Prof. Snehal Gujarathi |
| 4 | Civil Department student received Prestigious Late Dr. PS Ramanathan Endowment Scholarship awarded for consistent academic performance. | 15 th August, 2020 | Mr. Gautam Sarkar |
| 5 | Civil Department's achievement in GIT Expo 2020 Position: 1st prize Theme: Best Teaching Learning Practices in GIT Participants: | 5th August, 2020 | Priyanka Pandhare, Prathamesh Paradkar, Vinayak Niwate. (Students of BE Civil) |

As the development of the well-rounded individual is a principal goal of extracurricular activities on college and university campuses, the numerous experiences these activities afford positively impact students' emotional, intellectual, social, and inter-personal development. By working together with other individuals, students learn to negotiate, communicate, manage conflict, and lead others. Taking part in these out-of-the-classroom activities helps students to understand the importance of critical thinking skills, time management, and academic and intellectual competence. Involvement in activities helps students mature socially by providing a setting for student interaction, relationship formation, and discussion. Working outside of the classroom with diverse groups of individuals allows for students to gain more self-confidence, autonomy, and appreciation for others' differences and similarities.

Students also develop skills specific to their career path and imperative for future job success. Students have opportunities to improve their leadership and interpersonal skills while also increasing their self-confidence. Extracurricular involvement allows students to link academic knowledge with practical experience, thereby leading to a better understanding of their own abilities, talents, and career goals. Future employers seek individuals with these increased skill levels, making these involved students more viable in the job market. Specifically, participation in extracurricular activities and leadership roles in these activities are positively linked to attainment of one's first job and to managerial potential.



Mr. Gautam Sarkar



GIT Expo 2020 Winners



Winning poster for GIT Expo 2020

Coursera

By allowing students to print off a certificate (usually with the sponsoring college's logo), Coursera provides physical evidence of learning. This makes it possible for students to use their certificates when making a case for themselves at job interviews or demonstrating professional development.

Details of the Students Who have Completed the Coursera Courses

| Sr. No. | Name of the Student | Class | Title of the Course |
|---------|---------------------------|-------|--|
| 1 | Sayali Rajendra Tondlekar | SE | Building Digital Media Using Graphic Design in Google Slides |
| 2 | Omkar Chandrakant Gurav | SE | Material Science: 10 Things Every Engineers Should Know |
| 3 | Trupti Shankar Utekar | SE | Project Management: The Basics for Success |
| 4 | Trupti Shankar Utekar | SE | Building Digital Media Using Graphic Design in Google Slides |
| 5 | Yatin Sundar Samant | TE | Renewable Energy and Green Building Entrepreneurship |
| 6 | Yatin Sudar Samant | TE | Mastering Bitumen for Better Roads and Innovative Applications |
| 7 | Yatin Sundar Samant | TE | Introduction to Environmental Law and Policy |
| 8 | Shivam Santosh Khatu | TE | Municipal Solid Waste Management in Developing Countries |
| 9 | Omkar Patil | BE | REVIT |
| 10 | Suraj Santosh Surve | SE | Material Science: Ten Things Every Engineer Should Know |

Participation in various activities provide a setting to become involved and to interact with other students, thus leading to increased learning and enhanced development.





Students' Achievements

Seminars and workshops provide a chance to interact with experts from the specific field. Discussing about the relevant topics of the particular subject, students tend to learn about the latest information and new skills related to the concerned subject.

Workshops & Guidance Programs Conducted by Department

| Sr. No. | Name of the workshop | Experts | Department Convener |
|---------|---|---------------------------|---|
| 1 | 3 Days workshop on <u>Application of GIS & GPS in Civil Engineering</u> By Prof. P. K. Deshpande, Asso. Prof., Walchand College of Engineering, Sangli Dr. Mrs. V. A. Swami, Professor at KIT's College of Engineering, Kolhapur Mr. Franklin Joseph, Founder & CEO, Excelencia Global, Navi Mumbai | 9th to 11th January. 2020 | Convener: Dr. S. K. Patil, HOD Civil, GIT Coordinator: Dr. Y. R. Kulkarni, Dept. of Civil Engineering, GIT |
| 2 | Planning and coordinating Webinar series for diploma and degree students on Skill and Career Prospect for Civil Engineering (under Branding) | June, 2020 | By Prof. Snehal Gujarathi along with other 6 faculty members of Civil Department, TPO and Counselor GIT |
| 3 | Planning and coordinating Webinar for, degree students, Industry Person & Faculties on Application of Microsoft Project software in Civil Engineering With Resource Person Prof. B.T.Ade, Infini Institute, Pune (under | June, 2020 | By Prof V.R.Kasar, Prof.G.D.Parulekar, Prof.S.S.Patil, Prof.Y.R.Kulkarni |

| | | | |
|---|---|----------------------------|--|
| | Branding) | | |
| 4 | One day orientation program Application of advanced civil equipment's And Various Lab Session to Maharashtra polytechnic Mandangad. | 11th February, 2020 | Prof G D Parulekar, Prof. V R Kasar, Prof. N H Koppa, Prof. V D Kamble, Prof. S S Patil, Mr. R S Kelkar, Mr. H S Pawar |
| 5 | Generated Corona (COVID-19) Quiz (Google Form Quiz with E-Certification After Passing in the Quiz Competition under National Service Scheme of Gharda Institute of Technology | 10 th May, 2020 | More Than 236 students and Faculties (Combine) attempted the Quiz |

A workshop is a great way for someone to learn about a particular subject, learn new projects, and methods in order to better you. Attending workshops can help students achieve success in their academic environment by putting these skills into practice.



Workshops conducted by Civil Department at GIT

Minor Research Grant Award (Mumbai University)

| Sr. No | Title of the project | Date of award | Investigators |
|--------|--|------------------|--|
| 1 | Landslide studies in Poladpur-Chiplun section along Mumbai-Goa national highway using investigations and GIS | 17th March, 2020 | Principal Investigator – Prof. Dr. Y R Kulkarni Co-principal investigator – Prof Dr. S K Patil (Head) |

Publications

Publishing provides a communication channel for researchers within a field, a repository of important research efforts, and a recognition mechanism for researchers and institutions alike.

Apart from ensuring an in-depth knowledge over a topic, scientific and historical research, journal papers also contribute to the world of knowledge. These journals or papers become the helping hands for the students in future guiding and helping them in research.

It is through publication that the research, including its scientific and practical contributions, is disseminated to others in a particular field. This makes scientific researchers and practitioners with similar interests aware of new knowledge in their field and it helps to advance knowledge and its application.

| Sr. No. | Title of Research Paper | Published by Journal or Accepted by Conference | Authors |
|----------------|--|--|--|
| 1 | Solid Waste generation Data variability in India – An unnoticed hurdle. | Recent Developments in Waste Management (Journal), Springer, Singapore, First Online on 03 January, 2020 | Prof. Renu Hujare |
| 2 | Comparative study of fly ash and RBI grade 81 on lateritic soil | IRE Journal, April 2020 | Prog. Nagraj Koppa Mr. Pratahmesh Paradkar Mr. Vinayak Niwate Miss. Priyanka Pandhare Mr. Swapnaj Ghanekar |
| 3 | Experimental study on foamed concrete | International Conference on Advances in Civil & Structural Engineering - 2020, (Karad) - 28 th & 29 th May, 2020 | Prof. Vivek R Kasar Miss. Sneha Shinde, Miss. Shambala Kamble Miss. Snehal Agre |
| 4 | Palaeomagnetic Remanence Acquisition in Basaltic Laterites: A Case study from the Deccan volcanic province, India | Geophysical Journal International (Under major revision) | Prof. Dr. Yogesh R Kulkarni |
| 5 | Efficiency analysis of sand as (Slow sand) filter Media for the treatment of grey water | International Conference on Advances in Civil & Structural Engineering - 2020, (Karad) - 28 th & 29 th May, 2020 | Prof. Renu Hujare Miss. Amruta Sawant |
| 6 | Efficiency analysis of varying Cu (uniformity coefficient) of sand as a slow sand filter media for treatment of grey | International Conference on Advances in Civil & Structural Engineering - 2020, (Karad) - 28 th & 29 th May, 2020 | Prof. Renu Hujare Miss. Amruta Sawant, Mr. Harshad Khedekar, Miss. Nikita Waghdhare, Mr. Suhas Thorat, |

| | | | |
|---|--|---|--|
| | water | | Mr. Nikhil Batgeri |
| 7 | Effect of rice husk ash on partial replacement of cement in concrete. | International journal of advance research, ideas and innovations in technology. | Ronak Devasia, Aniket Auti, Prasad Shirgaonkar, Ashutosh Surve and Dr. A D Bhosale |
| 8 | Internal curing of concrete partially replaced by flyash using super absorbing polymer (SAP) | International Journal of Advance Research in Science and Engineering | Pragati Khot, Sourabh Mundekar, Akib Mullaji and Dr. A. D. Bhosale |
| 9 | Foamed Polymer Concrete | International Journal of Engineering Research and Technology | Sneh Shinde, Shambala Kamble, Snehal Agre and Prof. V R Kasar |

Guest lectures help students improve their learning in a more interactive, topic specific way. These can be very helpful not only for the students, but can also contribute to the teacher's knowledge and practices. Guest lectures can be used to make classes more approachable and appealing to students.

Expert Lectures

| EXPERT LECTURES BY OTHER DEPARTMENT FACULTY | | | |
|---|--|------------|------------------------------------|
| Sr. No | Co-curricular Activity | Date | Expert Faculty |
| 1 | Expert Session on GATE benefits & Opportunities. | 23/01/2020 | Prof. N. K. Kumbhar, TE Civil |
| 2 | Expert lecture on Absorption techniques in waste water treatment | 24/01/2020 | Prof. Dr. S. J. Kulkarni, BE Civil |

Guest lecturers have innumerable benefits and can help students learn from a different perspective and more effectively. Especially in management studies, students need to taste the experiences of the corporate world. One professor cannot provide knowledge and guidance about everything in the business world, and industry professionals' varied perspectives give insights to students.

| EXPERT LECTURES BY DEPARTMENT FACULTY | | | |
|---------------------------------------|--|------------------------------|---|
| Sr. No | Co-curricular Activity | Date | Faculty and student participation |
| 1 | Expert lecture on “Bridge construction methods” | 21 st April, 2020 | Prof. S. S. Gujarathi, TE Civil 40 students online mode during lockdown period |
| 2 | Expert Lecture By CESA, Pune conducted lecture on use of Revit in civil by Mr. Suraj Gaikwad CESA, Pune. | 5th February, 2020 | Prof. S K Patil for TE and BE Students (59 Nos.) |
| 3 | Seminar on MPSC, SSC Competitive Exam preparation during Academics for TE civil | 11th May, 2020 | Prof. V R Kasar |
| 4 | Seminar on Basics of Research Methodology for TE Civil | 18th May, 2020 | Prof. V R Kasar |
| 5 | Email etiquettes and resume preparation session to BE & TE class | 13th and 15th May, 2020 | Prof. Y R Kulkarni |
| 6 | Overview about real estate industry | 14 th May, 2020 | Prof. V S Jadhav |
| 7 | Strategy for real estate company -1 | 20 th May, 2020 | Prof. V S Jadhav |
| 8 | Strategy for real estate company -2 | 27 th May, 2020 | Prof. V S Jadhav |

Social interaction plays an important role in learning. Interacting with other people has proven to be quite effective in assisting the learner to organize their thoughts, reflect on their understanding, and find gaps in their reasoning.

| VISITING EXPERTS | | | |
|------------------|--|--------------------------------|--|
| Sr. No. | Name of College/Institute/ Industry | Date | Details |
| 2 | Expert Lecture Application of Quantity Survey & Estimation in large construction projects. | 13 th January, 2020 | By Mr. Franklin Joseph, CEO Excellencia Global, Navi Mumbai |
| 3 | Expert Lecture on Road Safety conducted by Dow Agro Chemicals, Lote. | 16 th January, 2020 | Mr. Vinayak Vaidya (HR), Pravankumar Zha (Environment, Health & Safety), Rahil Palekar (Safety Supervisor) |

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|---|--|--------------------------------|----------------------------------|
| 4 | CAD desk conducted session on Information on REVIT software. | 20 th January, 2020 | Mr. Usama Solkar |
| 5 | Expert lecture on ETAB Software | 21 st January, 2020 | Mr. Hasan Parkar, H&Z Associates |

Significant Miscellaneous Activities

| SIGNIFICANT MISCELLANEOUS ACTIVITIES BY DEPARTMENT | | | |
|--|---|---|---|
| Sr. No | Activity | Date | Faculty/ student participants |
| 1 | NSS Camp.at Anjani Village (responsibility taken solely by Department of Civil Engineering) | 27 th Jan to 2 nd Feb, 2020 | Prof. V.D. Kamble and Prof. R.I. Hujare |
| 2 | Second Parents' Meet for Academic Year 2019-20 | 7 th March, 2020 | 9 parents attended |
| 3 | First ONLINE Parents' Meet for Academic Year 2020-21 | 9 th August, 2020 | 85 parents attended on an average |



ONLINE Parents' Meet

Our Alumni

Alumni network has a real-life benefit for current students. Alumni also donate their valuable time to offer career support to current students. This enhances the students' experience and give them that competitive edge in today's tough job market.

Creating an engaged, supportive alumni network is crucial to an institution's success. If communication stops once graduates leave an institution, their understanding of the university will become stale. Good alumni relationships bring many benefits to both the institution and the alumni.

| OUR ALUMNI VISITS AND THEIR ACHIEVEMENTS | | | | |
|--|----------------------|--------------------------------|---------|---|
| Sr. No | Alumna/ Alumnus Name | Visit day | Batch | Current Job Profile |
| 1 | Mr. Prathmesh Warang | 28 th January, 2020 | 2018-19 | MTech in Environmental Engineering at Walchand College of Engineering Sangli. |
| 2 | Mr. Vaibhav Ambokar | 7 th August, 2020 | 2018-19 | Cleared MPSC MAINS |



Mr. Prathmesh Warang



Mr. Vaibhav Ambokar

Continual Education Program

Investing in your continuing education by taking advanced training courses and gaining new certifications is more important now than ever before. The current economy has made a more competitive job market in recent years. Continuously improving your skills is the one surefire way to stay ahead of the competition and advance your career.

| Continual Education Program | | | |
|-----------------------------|-----------------|-----------------|---|
| Sr. No. | Name of Faculty | Date | Course Title |
| 1 | Mr. Kelkar RS | 20th June, 2020 | MOOC - Modern construction Materials |
| 2 | Prof. S S Patil | 1st May, | Design and performance of Industrial Concrete |

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|----|------------------------|-------------------------------|---|
| | | 2020 | Floors |
| 3 | Prof. S S Patil | 24th April, 2020 | Quality Concrete Construction for Water Tanks |
| 4 | Dr. A D Bhosale | 16th June, 2020 | NPTEL Swayam got pass certificate "Plastic waste management" |
| 5 | Prof. Renu Hujare | 1st July, 2020 | Coursera course on Statistics for Researchers: Understanding Mediation, Moderation and Beyond completed |
| 6 | Prof. Renu Hujare | 23rd May, 2020 | Coursera course on Create Your First Python Program |
| 7 | Prof. Y R Kulkarni | 3rd July, 2020 | Coursera course on "Understanding Research Methods" |
| 8 | Prof. Snehal Gujarathi | 15th June, 2020 | Coursera course on "Leadership and Emotional Intelligence" and "Stanford Introduction to Food and Health" |
| 9 | Prof. N H Koppa | 28th June 2020 | Coursera course on Mastering Bitumen for better roads and Innovative applications(completed) |
| 10 | Prof. V D Kamble | 22nd June, 2020 | Completed NPTEL online certification on the Subject "Plastic Waste Management" |
| 11 | Prof. V D Kamble | 26th June 2020 | Completed successfully 5-week coursera course titled "Introduction to Household Water Treatment and Safe Storage" |
| 12 | Dr. S K Patil | 20th June, 2020 | ARPIT Annual Refresher Course: 1. Sustainable Construction Materials & Techniques, 2. Teacher and Teaching in Higher Education |
| 13 | Dr. S K Patil | 20th June, 2020 | NPTEL Course: 1. Intellectual Property, 2. Landscape Architecture and Site Planning, 3. Patent Law for Engineers and Scientists, 4. Remote Sensing Essentials |
| 14 | Prof. G D Parulekar | 10 th , July, 2020 | Nanotechnology and Nanosensors – Part 1 |
| 15 | Prof. G D Parulekar | 20 th July, 2020 | Major Engineering Project Performance |
| 16 | Prof. G D Parulekar | 18 th June, 2020 | Autodesk certified Professional: AutoCAD for Design and Drafting Exam Prep |
| 17 | Prof. G D Parulekar | 15 th July, 2020 | Renewable Energy and Green Building Entrepreneurship |
| 18 | Prof. G D Parulekar | 16 th July, 2020 | Wind Energy |
| 19 | Prof. G D Parulekar | 20 th July, 2020 | Supply Chain Principles |

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|----|---------------------|-----------------------------|--|
| 20 | Prof. G D Parulekar | 23 rd July, 2020 | Major Engineering projects: Governance, Risk and Scope |
| 21 | Prof. G D Parulekar | 26 th July, 2020 | Financing and Initiating Major Engineering Projects |

Special Student – Faculty Joint Activities of Department of Civil Engineering

| Sr. No. | Activity | Date | No. of faculties / students participated |
|---------|--|---------------------------------|--|
| 1 | Planning and coordinating Webinar series for diploma and degree students on Skill and Career Prospect for Civil Engineering (under Branding) | June, 2020 | By Prof. Snehal Gujarathi along with other 6 faculty members of Civil Department, TPO and Counselor GIT |
| 2 | Planning and coordinating Webinar for, degree students, Industry Person & Faculties on Application of Microsoft Project software in Civil Engineering With Resource Person Prof.B.T.Ade, Infini Institute, Pune (under Branding) | June, 2020 | By Prof V.R.Kasar, Prof.G.D.Parulekar, Prof.S.S.Patil, Prof.Y.R.Kulkarni |
| 3 | One day orientation program Application of advanced civil equipment's And Various Lab Session to Maharashtra polytechnic Mandangad. | 11 th February, 2020 | Prof G D Parulekar, Prof. V R Kasar, Prof. N H Koppa, Prof. V D Kamble, Prof. S S Patil, Mr. R S Kelkar, Mr. H S Pawar |
| 4 | Generated Corona (COVID-19) Quiz (Google Form Quiz with E-Certification After Passing in the Quiz Competition under National Service Scheme of Gharda Institute of Technology | 10 th May, 2020 | More Than 236 students and Faculties (Combine) attempted the Quiz |

Faculty Interaction with other Colleges or Industry:

| Sr. No. | Details | Date | Conducted/ Attended by |
|---------|--|--------------------------------|--|
| 1 | Expert Lecture By CESA, Pune conducted lecture on use of Revit in civil by Mr. Suraj Gaikwad CESA, Pune. | 5 th February, 2020 | Prof. S K Patil for TE and BE Students (59 Nos.) |

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| 2 | One day orientation program Application of advanced civil equipment's And Various Lab Session to Maharashtra polytechnic Mandangad. | 11th February, 2020 | Prof G D Parulekar, Prof. V R Kasar, Prof. N H Koppa, Prof. V D Kamble, Prof. S S Patil, Mr. R S Kelkar, Mr. H S Pawar |
| 3 | Ashokrao Mane Group of Institutions Vathar | 12th March, 2020 | Dr S K Patil Visited AMGOL as guide for PG final oral exam of students |
| 4 | Webinar on Waterproofing by Er. Sunny Surlarkar, Head Technical & Services. ASSESS BUILT CHEM. | 9th April, 2020 | Prof. G D Parulekar |
| 5 | GOAL setting and Planning webinar by Mr. Amol Nitave | 30th April, 2020 | Prof. V R Kasar |
| 6 | A webinar course "Improving Research Planning Skills at Technical Institute!" co-organized by Elsevier & VTU Consortium. | 29th April, 2020 | Prof. N H Koppa |
| 7 | Event Technospark- State Level Competition Expert for Paper Presentation PCCOER, Pune 2020, | 29th to 30th May, 2020 | Prof. V R Kasar |
| 8 | Reviewer for Int. Conference e-IC-RACTt for AMITY University, Mumbai | 26th to 27th June, 2020 | Dr SK Patil |
| 9 | A webinar on "low cost housing construction using quick build panels for cyclone and earthquake" by Dr. Palloboina Poluraju, V.R. SIDDHARTHA ENGINEERING COLLEGE.A.P. | 30th June, 2020 | Prof. G D Parulekar |
| 10 | A webinar on "Research and Innovation in Bamboo Construction sector" by Prof. Sanjay Khapare, Dr. Supratic, Dr. Sadhana Tripathi & Dr. Vipin", IIT Delhi | 6th June, 2020 | Prof. G D Parulekar |
| 11 | A webinar on "Ferrocement technology for self-Employment and business opportunity" by Dr. Patankar, Dr. Kulkarni and Mr. Paranjape, Ferrocement Society, India | 5th June, 2020 | Prof. G D Parulekar |
| 12 | A webinar on "Innovations in green building and sustainable development" Rajarambapu Institute of Technology Sakhrule | 4th June to 6th June, 2020 | Prof. A D Bhosale |
| 13 | A webinar on "Application of MS project in construction management", Gharda Institute of Technology Lavel - Department of Civil Engg. | 13th June, 2020 | Prof. A D Bhosale |
| 14 | A webinar by on "Innovative practices of green technology ", ICT, Mumbai (Center of Green Technology) | 26th to 27th June, 2020 | Prof. Renu Hujare |
| 15 | A one-week online short-term training (STP) program on "Innovation and Upgradation in Infrastructural Technology | 27th May to 2nd June, 2020 | Prof. Snehal Gujarathi |

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|----|---|---------------------------|-----------------------------------|
| | (IUIT-2020), Terna Engineering College, Nerul, Navi Mumbai. | | |
| 16 | An International Technical symposium on “Opportunities & Challenges in Industry 4.0”, G. S. Mandal's Maharashtra Institute of Technology, Aurangabad. | 15th to 17th June 2020 | Prof. Snehal Gujarathi |
| 17 | A webinar on “Application of MS project in Construction Management”, Gharda Institute of Technology Level - Department of Civil Engg. | 13th June 2020 | Prof. Snehal Gujarathi |
| 18 | An International Faculty Development Program on “Gateway to Innovation”, I.C.S. College of Arts, Commerce and Science, Khed, Ratnagiri. | 22nd to 26th June, 2020 | Prof. Snehal Gujarathi |
| 19 | An International webinar on “1st Indo-Japan Webinar Series on Geotechnics for Disaster Mitigation”, Jointly organized by IIT Tirupathi and KYUSHU University Japan | 8th to 13th June, 2020 | Prof. N H Koppa |
| 20 | A webinar “Yoga as Lifestyle and Preventive Medicine”, Angadi Institute of Technology and Management Belagavi | 20th June 2020 | Prof. N H Koppa |
| 21 | A Webinar on "Interlinking of Indian Rivers - Boon for Indian Prosperity", BITM Ballary, VTU Belagavi | 16th June 2020 | Prof. N H Koppa |
| 22 | A webinar on “Application of MS project in Construction Management”, Gharda Institute of Technology Level - Department of Civil Engg. | 13th June 2020 | Prof. N H Koppa |
| 23 | An e- Conference “BRIDGE 2020” through Live Webinar on “Revolutions in Transportation Infrastructure”, Indian Institution of Bridge Engineers, Mumbai | 13th and 14th June 2020 | Prof. N H Koppa |
| 24 | "A Five-Day Online Faculty Development program (FDP) on Domestic and Industrial Water and Waste Water Treatment Feedback and Quiz", B. V. Raju Institute of Technology Vishnupur, Telangana | 6th to 10th June 2020 | Prof. N H Koppa & Prof. V R Kasar |
| 25 | A one-week online short-term training (STP) program on "Innovation and Upgradation in Infrastructural Technology (IUIT-2020)", Terna Engineering College, Nerul, Navi Mumbai | 27th May to 2nd June 2020 | Prof. V S Jadhav |
| 26 | A one-week Faculty Development program (FDP) on Recent Advances in Civil Engineering, Veermata Jijabai Technological Institute, Mumbai and Engineering college, Ajmer, Rajasthan | 2nd to 7th June, 2020 | Prof. V S Jadhav |

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| 27 | A one-day webinar on “Application of MS project in Construction Management”, Gharda Institute of Technology Level - Department of Civil Engg | 13th June 2020 | Prof. V S Jadhav |
| 28 | Five Days Mentor Connect Program on “Building Start Up from Scratch”, Gharda Institute of Technology, Innovation and Incubation Cell | 26th to 30th June 2020 | Prof. V D Kamble |
| 29 | A three Days webinar on “Application of HEC RAS, HEC HMS and QGIS”, Mr. Vishal B. Raskar, Hydraulic Design Engineer | 24th to 26th June 2020 | Prof. V D Kamble |
| 30 | A one Day Webinar on “Improving Intermittent Water Supply Using Low Cost Interventions”, Indian Water Works Association Head Quarters Mumbai | 9th June 2020 | Prof. V D Kamble |
| 31 | One Week Online Faculty Development Program on “Open FOAM”, AISSMS College of Engineering, Pune and IIT Bombay Spoken Tutorial | 28 th to 4 th May, 2020 | Prof. Dr. S K Patil |
| 32 | Five Days Online Faculty Development Programme on “EMERGING TRENDS IN CIVIL ENGINEERING”, A. P. Shah Institute of Technology, Thane | 22 June to 26 June, 2020 | Prof. Dr. S K Patil |
| 33 | IIC online session by Shri Dipan Sahu | 28th April, 2020 | Prof. S S Patil |
| 34 | Covid 19 how medical waste management system will handle the pandemic | 17th April, 2020 | Prof. S S Patil |
| 35 | One-week Webinar on “Metro Rail Technology-Practices & Issues” organized by Department of Civil Engineering Rajarambapu Institute of Technology in association with The Institution of Engineers, Kolhapur Local Centre, Indian Concrete Institute Pune Local Centre and Dalmia Cement Bharat Limited | 11th to 15th May, 2020 | Prof. V D Kamble |
| 36 | One Week Webinar On “Prominent Areas Of Civil Engineering” organized by Vidyavardhini College of Engineering and Technology | 13th to 17th May, 2020 | Prof. V D Kamble |
| 37 | One Week Short Term Training Program (STTP) on “Infrastructure Development: Possibilities and Challenges Ahead” Organized by New Horizon Institute of Technology and Management, Thane | 25th to 29th May, 2020 | Prof. V D Kamble |

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| 38 | One Day Webinar on “Handling of Liquid Waste (Sewage and Effluent)” organized by B.S.Abdur Rehman Crescent Institute of Science and Technology Chennai | 8th May, 2020 | Prof. V D Kamble |
| 39 | One Day Webinar on “Handling of Solid Organic Waste (Waste to Energy)” organized by B.S.Abdur Rehman Crescent Institute of Science and Technology Chennai | 11th May, 2020 | Prof. V D Kamble |
| 40 | One Day Webinar on “Awareness about COVID-19” organized by Dr.D.Y.Patil Institute of Engineering, Management and Research, Akurdi, Pune | 10th May, 2020 | Prof. V D Kamble |
| 41 | One Day Webinar on “Green Building and Sustainability” organized by Mahatma Education Society Pillai HOC College Of Engineering and Technology (PHCET) Rasayani | 14th May, 2020 | Prof. V D Kamble |
| 42 | One Day Webinar on (Online Expert Talk On) “Faecal Sludge Management: Indian Scenario & Way Forward” organized by Department of Civil Engineering, KDK College of Engineering Nagpur | 19th May, 2020 | Prof. V D Kamble |
| 43 | One Day Webinar on “Use of Construction Chemicals in Construction Industry” organized by Department of Civil Engineering Rajarambapu Institute of Technology | 20th May, 2020 | Prof. V D Kamble |

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