



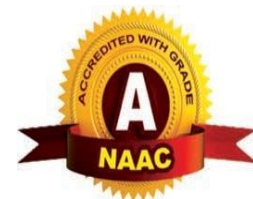
KJ's Educational Institutes

# TRINITY ACADEMY OF ENGINEERING PUNE

Accredited by NAAC 'A' Grade

Approved by AICTE, New Delhi | Recognized by DTE, Mumbai |

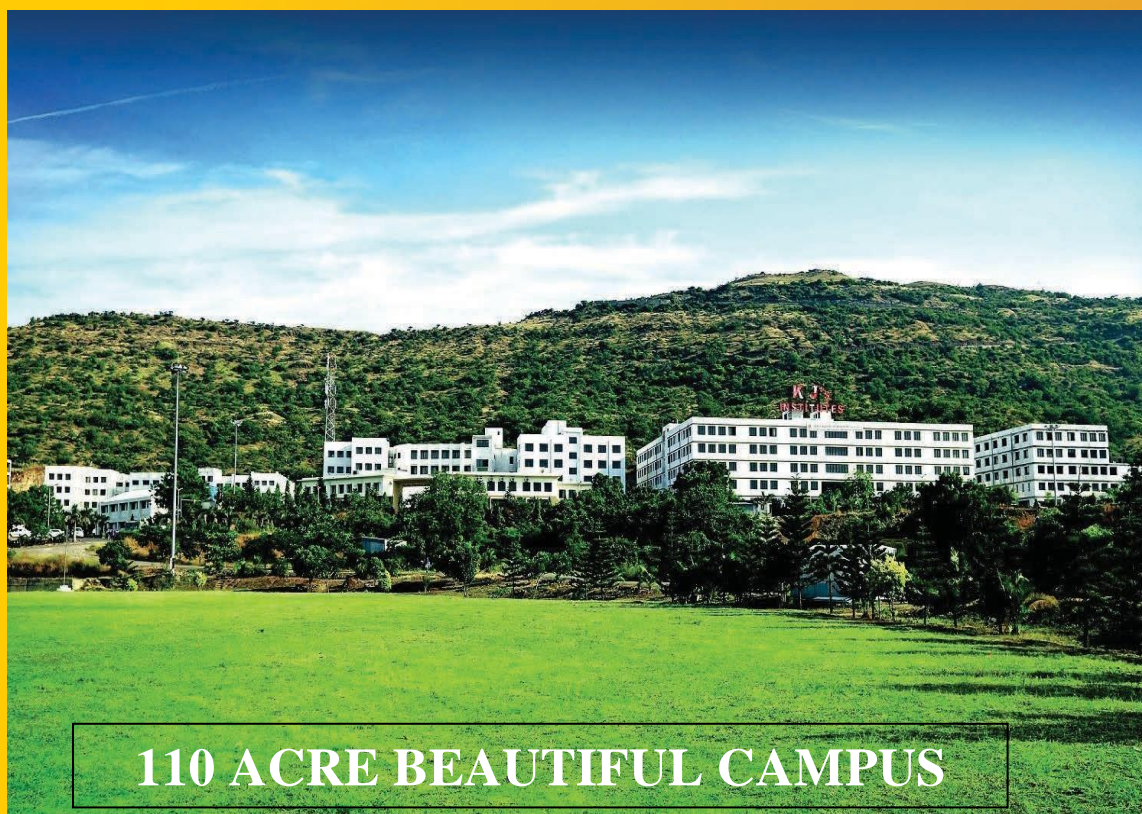
Affiliated to SSPU



College Code : EN-6634

# ANNUAL REPORT

## FOR ACADEMIC YEAR 2020-2021



110 ACRE BEAUTIFUL CAMPUS

### ADDRESS AND CONTACT:

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KJ'S EDUCATIONAL INSTITUTE  
**TRINITY ACADEMY OF ENGINEERING**  
NAAC 'A' GRADE ACCREDITED



## GOVERNING BODY

S.No	Name	Designation
1	Shri Kalyanrao Jadhav Founder President ,KJEI	chairman
2	Mr. Ashish Ramnuklal Kothadiya Vice President, KJEI	Trust Nominee
3	Mr. Vinod Jadhav Tresurer,KJEI	Trust Nominee
4	Mrs. Harshada Jadhav Managing Director, KJEI	Trust Nominee
5	Miss. Vibhavari K. Jadhav Managing Director, KJEI	Trust Nominee
6	Dr. V. J. Kakhandki Campus Director, KJEI	Trust Nominee
7	Dr. U Ramesh Regional Officer& Director ,WRO AICTE,Mumbai (AICTE Nominee)	Member Ex officio
8	Dr y. P..Nerkar Nominee of The Affiliating University (University Nominee)	University Nominee Member
9	Dr. D. V. Jadhav Joint Director of Technical Education, Nominee of the State Government	Member Ex officio
10	Dr.Vikrant Vartak (Industrialist from the region nominated by state government)	Member ( To be nominated by DTE)
11	Dr. Atul Wadegaonkar(MKCL) Educationist from the region nominated by state government)	Member ( To be nominated by DTE)
12	Dr. Shrihari Mandavgane (Tata Motors) Industrialist from the Region nominated by the State Government	Member ( To be nominated by DTE)
13	Dr. S. S. Deshmukh Head of Civil. Dept. TAE, Pune	Member – Teaching staff
14	S, N Maitri Head of Computer Dept. TAE, Pune	Member – Teaching staff
15	Dr. Nilesh J. Uke Principal,TAE,Pune	Member – Teaching staff

## VISION

To be premier knowledge  
centre of the nation for socio-  
economic development

## MISSION

To provide education that  
combines rigorous  
academics with joy of  
discovery through sustained  
efforts and dynamic

## COLLEGE DEVELOPMENT COMMITTEE

Sr. No	Name	Designation
1	Shri Kalyan J Jadhav	Chairman, KJEI
2	Mr Suhas Saste	Secretary, KJEI
3	Dr S. S. Deshmukh	HOD & IQAC Co- Ordinator
4	Dr K. B. Gavali	Teacher
5	Dr H. G. Haloli	Teacher
6	Ms D. D. Kulkarni	Teacher
7	Mr Machindra Dagade	Local Society Nominee
8	Mr Swapnil Dhavale	Alumni Nominee
9	Mr Shashikant Dhanashetti (Director, Flying High, Pune)	Industrialist Nominee
10	Mr Nayem Shaikh (Plant Head, General Energy Management System Pvt Ltd, Pune)	Employer Nominee
11	Mr Anil B. Chorage	Non-Teaching Member
12	Mr Saurabh Patange	Student Representative
13	Dr Nilesh J. Uke	Member Secretary (Principal)

KJ's Educational Institutes (KJEI), the East Coast Mecca of Engineering, Management, Pharmacy and Sciences is the ultimate place for information overload endless possibilities and expansion of horizon.

The institute within Pune is spread across 110 acres of picturesque campus nestled in the green valley, with its near zero pollution and fresh air, creates a perfectly conducive, low-stress climate for learning, research innovation and character-building.

With over 5000 students, KJEI has a strong sense of community, born of its small size that goes hand-in-hand with an atmosphere that is charged with youthful vibrancy, experience and maturity.



National development has been the underlying motivation for the creation of Educational Institute. KJEI was established in 2005, to provide quality education at an affordable cost to the youth, especially from rural areas, to increase their innate potential and thereby contribute to the national development. My mission is to give opportunity for employment to every student entering our institute.

My aim is to motivate the students to contribute in nation building by providing the right environment for encouraging the students for entrepreneurship, higher education and disciplined way of life.

The colleges on the campus have shown positive progressive growth. We are committed to enhance the facilities for the development of faculty and students. We take the responsibility for creating a culture of quality education and will ensure the holistic development of all the students on our green campus.

Together, we are facing a truly unprecedented situation over the past few months; we have been hard at work preparing for how we can be safe together on our campus while offering robust experiences for students who aren't yet able to return in person. Protecting the health of our students is a responsibility we all share. It is possible that we may have to pivot to all-remote learning, as we did earlier.

**Hon. Shri. Kalyan J. Jadhav**  
Founder President, KJEI, Pune





### ***Treasurers Message***

Since its inception in 2005, K. J. Educational Institutes have been committed to building quality and leadership in education. Over the years, the organization has evolved into a platform of academic options and has become a one stop destination for nurturing student into a fully equipped professional. KJEI endeavor to develop vibrant academic programs with emphasis to inculcate engineers of a high technical standard emanating from every college in the group. We are dedicated to give our students a bright future. I congratulate and welcome the students who have gained admission to our college and wish them all success in technical field.

**VINOD K JADHAV**  
Treasurer, KJEI, Pune



### ***Managing Director's Message***

It gives me immense pleasure in welcoming the new students on behalf of the entire community of the KJEI's Educational Institute. Not only academics, the co-curricular activities, sports, adventure, cultural and social activities form important parts of the life of the students. All undergraduate, postgraduate and all the faculty members on the campus have developed a unique, close and family – like relationship between students and teachers to help them grow personally as well as professionally. Our hopes and aspirations are invested in the holistic development and well being of our students.

**HARSHAD V JADHAV**  
Managing Director, KJEI,  
Pune



### ***Managing Director's Message***

"We have a myriad of young, vibrant and talented minds on this campus and it's vital that they are provided with all the opportunities to a formal education as well as an opportunity to make a difference in the world as a contributing force." That's what we aim to do and being an educational institute this responsibility is not the end product for us, it's what we strive for everyday. I believe we all can make difference in this world, but what sets us apart is the kind of difference we choose to make and I'm truly grateful to be able to contribute towards it. Best wishes to all the new students, who are going to be a part of our campus.

**VIBHAVARI K JADHAV**  
Managing Director, KJEI,  
Pune



### ***Directors Message***

The KJEI have been dedicated to its mission to nurture students who are builders of nation by advancing knowledge and imparting quality education and to contribute to society through the pursuit of education, learning and research at the international levels of excellence. I welcome the newly admitted students to the portals of this great educational institution and wish them a memorable, meaningful and rewarding tenure and may they emerge as world-class engineers. I would urge upon them to prove as good human beings and worthy citizens of this great country, India. I welcome the students and everyone to join us in our mission with renewed vigour and dedication

**DR VYASRAJ J KAKHANDKI**  
Campus Director, KJEI,  
Pune





It gives me a great pleasure to be associated with Kalyan Jadhav Educational Institutes. I warmly welcome you to KJEL's Trinity Academy of Engineering. KJ's Educational Institutes was established in the year 2005 with excellent infrastructure spread over 110 acres of green campus with spacious buildings having backdrop of Sahyadri hills. TAE was established in 2010 and is located on 12 acres and 12297 sqm constructed state-of-the-art, world-class infrastructure. Campus is well equipped with best laboratories, workshops, libraries, hostel, canteen, sports facilities, transportation facility and other amenities to create conducive environment for students in attaining highest standards in academics, research and professional skills.

Challenges and Opportunities are two sides of the same coin. We take every care of all-round personality development of individual student along with academic excellence. Through 'Teacher Guardian' and 'Mentor Scheme', the teachers counsel students under them for constant development and enhancement in personal, social and academic skills of the students for their excellence.

TAE has highly qualified and experienced teaching faculty who through application-oriented teaching enrich the knowledge of students with full dedication and commitment. Various activities like Research and Innovation, Entrepreneurship Development program, various certificate programs, add on courses, guest lectures, and interaction with the corporate managers etc. are regularly conducted to strengthen quality of students and enhance their employability quotient. Excellent results in University examinations, excellent placements, excellent faculty, best infrastructure is attracting students from nearby cities as well as other states of India to TAE for quality education.

Wishing you all the success and bright future!

**DR NILESH J UKE**

**Principal, Trinity Academy of  
Engineering, Pune**

## ABOUT TAE

- Established in 2010.
- Excellent infrastructure spread over 12 acres of lush green campus in the scenic backdrop of Sahyadri hills.
- Wi-Fi campus
- Recreational hall, conference rooms, seminar halls, reading room, full functional Gym
- State-of-the-art computer laboratories with more than 514 computers
- Good library with standard e-resources & digital library
- Hostel with 1200 capacity
- 160m diameter green cricket ground and football turf
- Hygienic canteen with 500 capacity
- Buses or transportation in and around Pune
- Generator back up (100 KVA)
- Union Bank ATM
- RO plant for drinking water
- Sewage treatment plant
- Rain water harvesting facilities
- Solar power plant, etc.





### Programs Offered :

UG COURSE	INTAKE	COURSE CODE
CIVIL	60	663419110
COMPUTER	60	663424510
E & TC	60	663437210
MECHANICAL	60	663461210

PG COURSE	INTAKE	COURSE CODE
CIVIL ENGG (Construction Management)	60	663419110
MECHANICAL ENGG (Design Engineering)	60	663424510

### Anti-Ragging Committee

The cell is supervisory and advisory committee on matters of planning action for building and preserving a culture of ragging free environment in the campus.

### Internal Complaint Committee

The cell takes care of the grievances of students and staff members related to gender discrimination, violence and sexual harassment on the campus. It is dedicated to create an environment on the campus where every person feels safe.

### Gender Equality

The cell aims to ensure everyone receives equal treatment in college and not be discriminated against based on their gender.

### Environmental Club

The club has been established to run or otherwise manage and administer to provide a platform & brilliant forum for professionals, students, desiring to work amicus curiae in the field of environment.

### Grievance Redressal Committee

The college has a grievance redressal committee for easy and quick recognition of complaints from student as well as faculty members and to investigate the reasons for dissatisfaction for student.

### Internal Quality Assurance Cell

The main aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.





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# ACADEMIC YEAR 2020-21



Department: Applied Sciences

Research and Development

FDP/Workshop/Webinar/Organized

- The **FOUNDATION COURSE FOR ENGINEERING ASPIRANTS** was organized from **01/08/2020 to 06/08/2020**. It was an **Online Webinar Series** for recently passed out 12th Science Students for getting a better understanding of Engineering Course, its benefits, documents requirements and Scholarships.

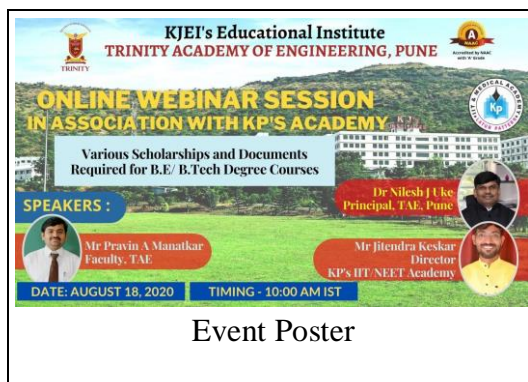
**Dr. H G HALOLI** successfully coordinated the event. The event was organized with an objective of **Reaching out to Students in ONLINE MODE** and **providing as much information as possible**. The outcome of the event was **satisfactory**, as **more than 1500+ views** were received on **YOUTUBE**.

 <p>Event Poster</p>	 <p>Screenshot of the session by Dr S S Deshmukh on SPPU</p>
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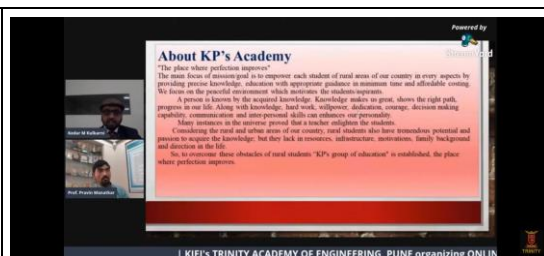
- The **Various Scholarships and Documents Required for B.E./B.Tech Degree Course** was organized on **18/08/2020**. It was an **Online Webinar Session**, in association with **KP's Academy** for recently passed out 12th Science Students for getting a better understanding of Scholarships associated with Engineering Course and Documents required for availing them.

**Dr. H G HALOLI** successfully coordinated the event. The event was organized with an objective of **providing information about documents and scholarships for Engineering Aspirants**. The outcome of the event was **satisfactory** with **more than 300+ views** on **YouTube**





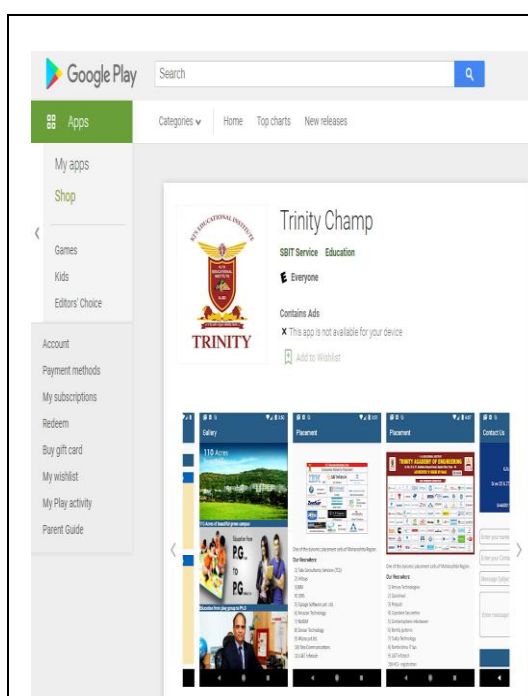
Event Poster



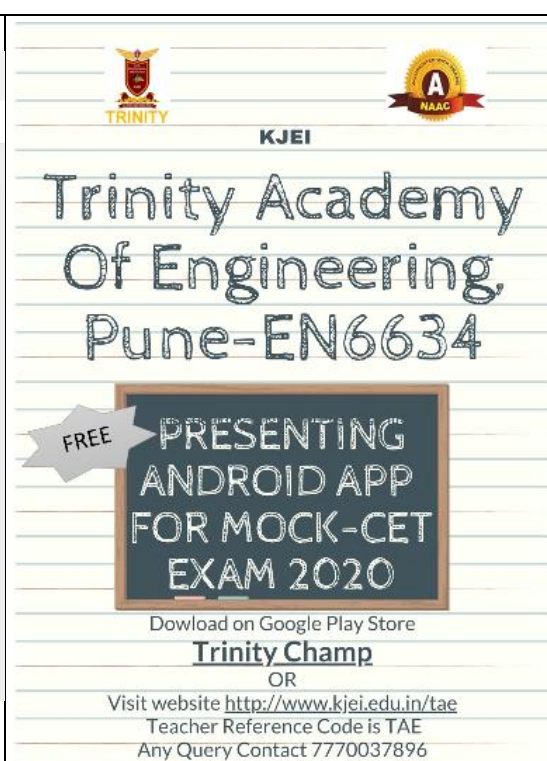
Screenshot of the Session of KP Academy founder

- The “**MHT-CET Android Application**” was launched for the students **from 01/09/2020 to 31/05/2021**. It was for 12th Science Students for better preparation of the MHT-CET examination. The concept was to make the android application freely available to the students specially for the rural area students who lack the special guidance for MHT-CET examination.

**Mr. Kapure S. B.** successfully coordinated the event. The event was organized with an objective of **MOCK CET practice - online**. The outcome of the event was satisfactory, as many students took the advantage of the android application & that was also totally free of cost.



Android app view from play store



Banner of the event

## FDP/Workshop/etc Attended.

- Dr Haloli H G** attended a webinar on NAAC Assessment and Accreditation for Affiliated colleges on **25<sup>th</sup> July 2020** online mode.
- Dr HALOLI H G** attended a FDP on Universal Human Value conducted by AICTE **from 2 July to 8 July 2020** in Online mode

- **Prof D G MATALE participated** Aptitude Quiz Competition on **23/06/2020** at **TAE, PUNE**
- **Prof D G MATALE attended/participated** E-Content Development on **02/07/2020** at **CIVIL ENGINEERING DEPARTMENT, TAE, PUNE**

**Faculty publications:**

- **Dr HALOLI H G published paper in International Journal, IOSR JOURNAL OF MATHEMATICS on Topic “ ROLE OF CUT POINTS AND PUNCTURE POINTS IN SPACE TIME MEASURE MANIFOLD TO PREVENT THE SPARED OF COVID VIRUS IN REAL WORLD MANIFOLD” ISSN NO. 2278-5728 VOL.16 ISSUE 4 Aug 2020 pp43-51.**

**Faculties Remarkable Achievements:**

- **Mr. D G MATALE conducted an online training program “Microsoft Forms for quiz and survey” on 27/07/2020 at TAE, PUNE.**

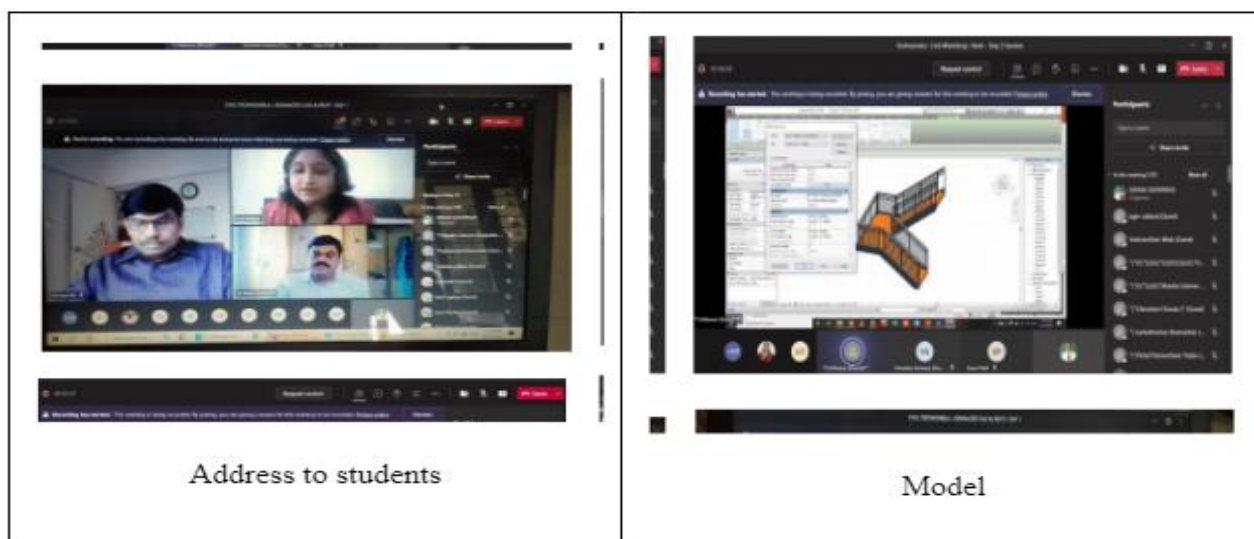
# ACADEMIC YEAR 2020-21

## DEPARTMENT: CIVIL ENGINEERING

### RESEARCH AND DEVELOPEMENT

#### 1) FDP/WORKSHOP/WEBINAR/ORGANIZED

a) The “TECHNOMELA-2021 Exploring the world of Advanced CAD & Revit software” workshop was organized on 15th and 16th April, 2021. Two eminent speakers Mr. Anand Reddy and Mr. Sameer Renuse from CAD Center and inhouse faculty from Civil department Prof. Gauri Patil successfully conducted two days workshop. In day 1 session Prof. Gauri Patil emphasized on advantages, commands, tools and overviewed autocad where as Mr. Anand Reddy and Mr. Sameer Renuse explained industrial use and drafted a plan in autocad. Prof. Gauri L. Patil, Prof. Vaibhav Augad, Prof. Kiran Ghorpade successfully coordinated the event. The event was organized with an objective of emphasizing on various tools used to save time and increase productivity. The outcome of the event was to upgrade knowledge of latest trends.



b) Mr. Pravin Arun Manatkar & Mr. S.C. Tandale Organized E-Workshop On “e-content Development” For faculty of Trinity Academy of Engineering pune, on 02 July 2020

c) Prof. A. C. Shirle, Prof. A. A. Burade successfully coordinated the webinar on “When and How to Start a New Venture?”. The webinar was delivered by Mr. Pranil Nandedkar, CEO and Founder at Brand Build Media on 12/06/2020 at 11:00 am.

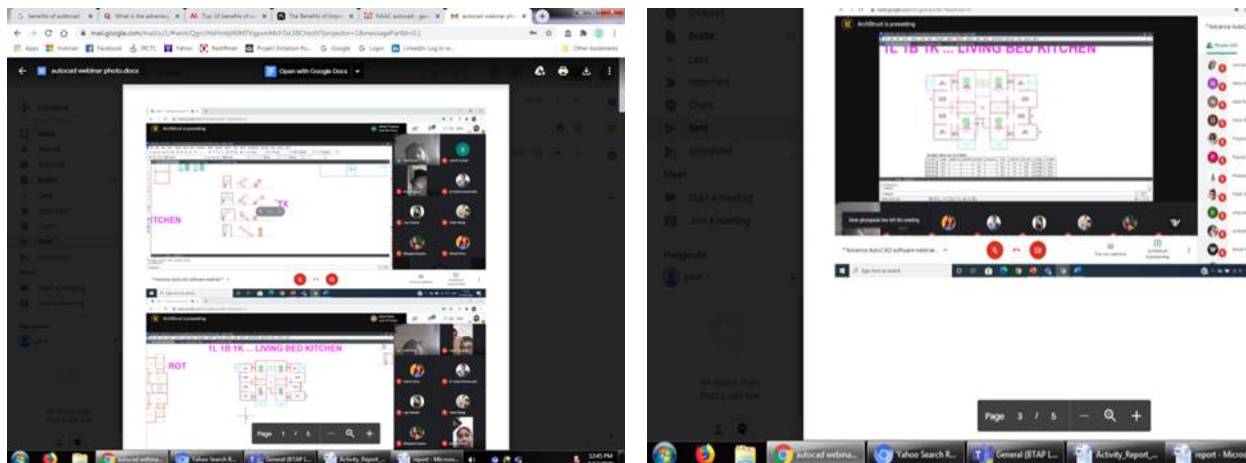
d) A National level webinar – “ADVANCED AUTOCAD “series was organized by Department of Civil Engineering on 7 th, 8 th and 10 th Aug, 2020. Mr. Ravindra Mane, Director – ARCHSTRUCT, was invited as an expert for this series. The objective of workshop was to get hands-on session regarding use of innovative methods in their regular studies and also focused on use of Advanced-cad in today's world. Prof. Gauri Patil and Prof. Sachin Kudale successfully coordinated the event. The event was organized with an objective of





emphasizing on various tools used to save time and increase productivity. The outcome of the event was to make learning and utilization of various commands.

## 2) FDP/WORKSHOP/ETC ATTENDED



- Suraj Chatrabhuj Tandale has attended One week online faculty development program on “Joomla” to help minimize impact of covid 19 outbreaks on educators from 4th May 2020 to 9th May 2020 at Sinhgad institute of technology, Lonavla, Pune, Maharashtra.
- Suraj Chatrabhuj Tandale has attended and participated webinar series on “Mapping and Modelling in surveying using Drone” organised by Department of Civil Engineering, SBPCOE, Indapur on 27th May 2020
- Suraj Chatrabhuj Tandale has attended and participated webinar series on “Introduction to decentralized on site integrated waste management system (DOWSIWAM)” organised by Dept of civil engineering at Sinhgad college of engineering and research Vadgao Bk on 28th May 2020
- Suraj Chatrabhuj Tandale has attended “Workshop on Latex” at SPVP’s S. B. Patil College of Engineering, Indapur, Department of Computer Engineering organizing in association with IIT Spoken Tutorial, Bombay.
- Pravin Arun Manatkar, participated & completed successfully AICTE Training And Learning (ATAL) Academy Online FDP on "Organizational Behaviour" from 2020-10-26 to 2020-10-30 at Institute of Management Technology Nagpur.
- Mr.Pravin A Manatkar has attended One Week National Level Workshop on "Digital Transformation & Pedagogies” organized during August 10-14, 2020, by Government College of Engineering, Karad & Walchand College of Engineering, Sangli, Sponsored by AICTE, New Delhi & TEQIP III
- Mr.Pravin Arun Manatkar attended/participated “Research Opportunities in Environmental Engineering ”-20th July 2020 to 25th July 2020 -S. B. PATIL COLLEGE OF ENGINEERING, INDAPUR, PUNE
- Mr. Shrikant Rajendra Kate attended/participated in Geoscience software and their application in the field of earth science on 12 to 16/10/2020 at Pimpri Chinchwad College of Engineering, Nigdi, Pune.
- Mr. Shrikant Rajendra Kate attended/participated in How Do We Build Atmanirbhar Bharat with Atmavishwas? – A Online webinar Given by Dr. Raghunath Anant Mashelkar on 30/10/2020 at VP’s Kamalnayan Bajaj Institute of Engineering and Technology, Baramati.

- ·Mr. Shrikant Rajendra Kate attended/participated in Structural Safety Auditing And Rehabilitation Of Hydraulic Structures on 16 to 17/12/2020 at Central Water & Power Research Station, Pune.
- Mr. Shrikant Rajendra Kate attended/participated in the Workshop for Drafting of Third Year Civil 2019 Pattern Syllabus on 03 to 05/05/2021 at AISSMS COE, Pune.
- Mr. Shrikant Rajendra Kate attended/participated in FDP Artificial Intelligence on 14/09/2020 to 17/09/2020 at AICTE ATAL by Govt. Women's Polytechnic College, Thrissur.
- Mr.Kiran Harish Ghorpade attended FDP on Basic principle of remote sensing technology by ISRO on 13 April 2020 to 25 April 2020 at Pune.
- Mr. Kiran Harish Ghorpade attended/participated in the Workshop for Drafting of Third Year Civil 2019 Pattern Syllabus on 03 to 05/05/2021 at AISSMS COE, Pune.
- Mr. Kiran Harish Ghorpade attended/participated in a workshop of LATEX on 2 May 2020 at IIT Bombay.
- Mrs. Gauri L. Patil successfully Completed “Webinar series 2020 for Construction Management Professionals & Aspirants” on 4th June 2020 to 5th June 2020 organized by Department of Civil Engineering ,Sandip University.
- Mrs. Gauri L. Patil attended Online Syllabus Orientation Workshop for S.E. Civil (2019 Pat.) organized by Department of Civil Engineering, Sinhgad College of Engineering, Pune in association with BoS Civil Engineering, Savitribai Phule Pune University from 22nd to 26th June, 2020.
- Mrs. Gauri L. Patil attended“Masonry Construction Types and its Seismic Performance” webinar session conducted by Department of Civil Engineering, JSPM’s Rajarshi Shahu College of Engineering, Tathawade,Pune - 411033 on 5/11/2020
- Ms. Sarika S. Kale attended one week short term training program on “Bridge Engineering:Design,Execution, Maintenance,and Rehabilitation which is organized by Department of civil engineering, Sinhgad College of Engineering,Pune from 13th July 2020 to 17th July 2020.
- Ms. Sarika S Kale attended Special lecture series16 “ Post Tension Tendons in Bridge Structures- Evaluation and Protection which is organized by Department of civil engineering, Sinhgad College of Engineering,Pune 19th February 2021.
- Mr. A. C. Shirle attended/participated in a workshop of LATEX on 2 May 2020 at IIT Bombay.
- Mr. A. C. Shirle attended FDP on Basic principle of remote sensing technology by ISRO on 13 April 2020 to 25 April 2020 at Pune.
- Mr. A. C. Shirle has attended One Week National Level Workshop on "Digital Transformation & Pedagogies” organized during August 10-14, 2020, by Government College of Engineering, Karad & Walchand College of Engineering, Sangli, Sponsored by AICTE, New Delhi & TEQIP III
- Mr. B. R. Warvate has attended ATAL FDP on “Recent trends in Waste Management Technologies”organized during october 12-16, 2020, by Department of Petrochemical Technology, UCE- BIT Campus, Anna University, Tiruchirappalli.

- Mr. B. R. Warvate has attended One week Workshop on “Advanced Transportation Technology” organized during Aug. 12-16, 2020, by Department of Civil Engineering SCOE Pune

### **3) RESEARCH PROPOSALS:**

- a) Mr. Pravin Arun Manatkar got a research grant sanction of Rs. 00000/- from Savitribai Phule Pune University Ganeshkhind for Academic Year 2020-21 for the work entitled “Low Cost and Water Efficient Sustainable Toilet- Bathroom for Rural Area- An Innovative Approach”
- b) Mr. Suraj Chatrabhuj Tandale got a research grant of Rs. 0000 /- from Savitribai Phule Pune University Ganeshkhind for AY 2020-21 for the entitled work “Uplift capacity of horizontal plate anchors in homogenous soil”

### **4) PATENTS FILED BY FACULTY:**

- a) Mr. Pravin Arun Manatkar has filed a patent titled “ANDROID BASED BUILDING PLAN AND ESTIMATION FOR RURAL INDIA AN (INSPIRED BY) ATMA NIRBHAR BHARAT” on 20-07-2020
- b) Mr. Shrikant Rajendra Kate has filed a patent titled “A NOVEL SOLAR POWERED IOT BASED SUSTAINABLE ORGANIC COMPOST MACHINE” on 27/07/2020.
- c) Mr. Kiran Harish Ghorpade has got copyright for title Use of any type of indicator or mark or design on any on corner of Handkerchief for mouth covering” on 12/10/2020

### **5) FACULTY AND STUDENT PUBLICATIONS:**

- Ms. Kanchan M Gupta and Dr. S. S. Deshmukh, “Identification Of Causes Of Time And Cost Overrun, Its Impact And Mitigation In Metro Projects In India” , International Journal Of Advance Scientific Research & Engineering Trends, Volume 5, Issue 12, May 2021, ISSN (Online) 2456-0774.
- Ms. Kanchan M Gupta and Dr. S. S. Deshmukh, “A Case Study- An Identification Of Causes Of Time And Cost Overrun, Its Impact And Mitigation In Metro Projects In India”, Open Access International Journal of Science and Engineering, Volume 6, Issue 6, June 2021, ISSN (Online) 2456-3293.
- Pavan Lokare, Satish Deshmukh and Abhijit Zende, “Geo-Morphometric Assessment of Nandani River Basin, Western Maharashtra, India using Geospatial Techniques”, International Research Journal of Engineering and Technology (IRJET), Volume: 08 Issue: 03, Mar 2021, e-ISSN: 2395-0056, p-ISSN: 2395-0072.
- Pavan S. Lokare and Satish S. Deshmukh, “Sub-watersheds Prioritization for Watershed Planning and Management, of Nandani Watershed, Western Maharashtra, India using Geospatial Techniques, Journal of Emerging Technologies and Innovative Research (JETIR), 2021 JETIR May 2021, Volume 8, Issue 5, ISSN-2349-5162.
- Shrikant Kate, Ashutosh Dhamgunde, Vishwajeet Nigade, Hanuman Biradar, Nayan Patil “Water Quality Analysis for Water Supply Scheme of Bhongwali Village, Pune, Maharashtra, India,” International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 10 (11), 14662- 14667, (2021).
- Omkar Dakave, Mangesh Dhole, Prasad Gaikwad, Akshay Patil, Shrikant Kate, “An Investigation of Storm Water Runoff Using GIS and Remote Sensing,” India International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), 10 (11), 14623- 14627, (2021).



- Shruti Mundhe, Shrikant Shendge, Prajakta Mundhe, Akash Shinde, Kate, S. “A Review On Application Of Q-GIS For Project Scheduling Using Primavera P6,” IJARIE, 7 (4), 85-91, (2021).
- Mangesh Ingale, Prajakta Jangam, Utkarsh kerlekar, Siddhesh Kumthekar, Kate, S. “Solid Waste Management of Satara City Using QGIS”, IJAEM, 3 (6), 2485-2491, (2021).
- Muheeb Kadri, Mujahid Syed, Akhil Nimgade, Vibhash Kamble, Kate, S. “Economical Method of Reuse of Greywater,” IJAEM, 3 (6), 2348-2350, (2021).
- Yogesh Pawar, Shrikant Kate, “Assessment of Water Consumption in Construction,” International Journal of Science and Research (IJSR), 10 (7), 710-712, (2020).
- Juee Athalye, Kiran Ghorpade, Abhishek Shirle, Ankur Burade, Shrikant Kate, “A Procedure for Deriving Analytical Fragility Curves for Masonry Buildings,” IJRESM, 3(6), 524-526, (2020).
- Yogesh Pawar, Shrikant Kate, “Curing of Concrete: A Review,” International Research Journal of Engineering And Technology (IRJET), 7 (8), 1820-1824, (2020).
- Ashwini Pawar, S. C. Tandale (2020). “Affordable Housing: Study Of Different Aspects, Financial Modeling & Analysis” International Journal of Innovative Research in Science, Engineering and Technology Vol. 9, Issue 4,
- Abhijeet Chakrey, S. C. Tandale (2020). “Comparison on MCR and conventional roads” International Journal of Engineering Science & Technology, ISSN 2229-5518, Pages 152-156
- Pruthviraj Patil, Vinshree Jadhav, Radhika Kolap, and Mr. Pravin Manatkar “ INNOVATIVE LOW COST AND WATER EFFICIENT SUSTAINABLE TOILET-BATHROOM FOR RURAL AREA”, International Journal of Civil and Structural Engineering Research ISSN 2348-7607 (Online) Vol. 8, Issue 1, pp: (1-6), Month: April 2020 - September 2020
- Mr. Swapnil J. Patil, Mr. Pravin A. Manatkar, Mr. Gajanan N. Supe “ Dust Emission Due To Stone Crushing Activities in Kondhwa Region (Pune)” International Journal of Engineering Research and Applications ISSN: 2248-9622, Vol. 10, Issue 6, (Series-II) June 2020, pp. 14-18
- P. A. Manatkar, G. N. Supe, S.C. Tandale “Dust Emission Due to Stone Crushers in Pune” July 2020| IJIRT | Volume 7 Issue 2 | ISSN: 2349-6002, pp. 411-416
- Sanmit Nalwade, P. A. Manatkar “Strategies Of Interlinking of River In India” National Conference On Science And Technology, Organized By S.B Patil College Of Engineering Pune 15th &16th June 2020
- Shruti P Mundhe, P. A. Manatkar “Noise Absorbing Composite Material Using Agro Waste Products” National Conference On Science And Technology, Organized By S.B Patil College Of Engineering Pune 15th &16th June 2020
- Pruthviraj Patil, Vinshree Jadhav, Radhika Kolap, and Mr. Pravin Manatkar “Innovative Low Cost Water Efficient Sustainable Toilet Bathroom For Rural Area” National Conference On Science And Technology” National Conference On Science And Technology, Organized By S.B Patil College Of Engineering Pune 15th &16th June 2020
- Sanmit Nalwade, Pravin Manatkar, ”Study Of Effectiveness Of Waste Rubber Tires Used In Concrete And Bituminous Roads” National Conference On Emerging Trends In Engineering Science For Future Technology (NCETESFT-2020), PAPER ID-66- ACCEPTED 31ST July 2020

- Pravin Manatkar presented a Copyright in CIPCIS2020 organized on February 18-19, 2021, NATIONAL CONFERENCE ON IPR, PATENTS, COPYRIGHTS INNOVATIONS & STARTUPS 2021
- Tanmay Saka, Safwan Sayyad, Ghule Damini, Patel Imran, Pravin Manatkar, “phytorid technology”, International journal for science and advance research in technology (IJSART) ISSN [ONLINE] : 2395-1052, Volume 7, Issue 3 in March 2021
- Swapnil J. Patil, Dhnshree Tikle, Aushotosh Patil, Sourabh Pawara, Pravin A. Manatkar, “Android based Building Plan and Estimation for Rural India an (Inspired By) Atmnirbhar Bharat”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN 2321-9653, DOI-10.22214, Volume 9, Issue III, March 2021.
- Sanmit Nalwade, P. A. Manatkar, “Smart and Water Efficient Automatic Drip Irrigation System”, NATIONAL CONFERENCE ON ADVANCED MODELLING AND INNOVATIONS IN WATER RESOURCES ENGINEERING AMIWRE – 2021 - NATIONAL INSTITUTE OF TECHNOLOGY JAMSHEDPUR, 20 - 21 February 2021 (PUBLISHED IN SPRINGER BOOK).
- Sanmit Nalwade, P. A. Manatkar, “Farm Pond Top Solar Power Harvesting System: An Approach to the Sustainable Development”, INTERNATIONAL CONFERENCE On “Latest Trends in Civil, Mechanical and Electrical Engineering” (LTCMEE- 2021)-MAULANA AZAD NATIONAL INSTITUTE OF TECHNOLOGY, BHOPAL, April 12-13, 2021.
- Sanmit Nalwade, Mr. Kiran H. Ghorpade “Study of Effectiveness of Waste Rubber Tires used in Concrete and Bituminous Road” International e-Conference Emerging Technologies, Oct 16 & 17 - Year 2020, Page no.63-73
- Onkar A Dhekane, Mr. Kiran H. Ghorpade “ Construction of Sustainable Toilet with Low Cost for Slums” International Journal of Innovative Research in Science, Engineering and Technology, Volume 9, Issue 6, June 2020
- Kshitija Shirke, Mr. Kiran H. Ghorpade “ Modified effective material for flexible pavement pothole repair” International Journal of All Research Education & Scientific Methods, ISSNo.2455-6211, Volume 8, Issue 6, June-2020.
- Kiran Ghorpade, Abhishek Shirle, Juee Athalye, Ankur Burade, Shrikant Kate (2020) Advances in E-tendering process of government construction work. Spark2020@PCCOER, July 2020.
- Mohini B. Yewalekar<sup>1</sup>, Meghna B. Yewalekar<sup>2</sup>, Vishal S. Jain<sup>3</sup>, Aniket T. Samleti<sup>4</sup>, Kiran H. Ghorpade<sup>5</sup> “ Causes of Failure of Retaining Wall and it's Prevention ” Spark2020@PCCOER, July 2020.
- Abhishek Shirle, Kiran Ghorpade, Juee Athalye, Ankur Burade, Shrikant Kate (2020) Water Quality Analysis of Karnal Village. Spark2020@PCCOER, July 2020
- Supriya U. Khilare, Kiran Ghorpade “Effective Techniques for Time & Cost Reduction in Cellular Ground Base Tower & Their Supply Chain Management” International Research Journal of Engineering and Technology, Volume: 08 Issue: 01 | Jan 2021 Page.616-622.
- Supriya U. Khilare, Kiran Ghorpade “A REVIEW ON ECONOMICAL CELLULAR TOWER CONSTRUCTION & EFFECTIVE APPLICATION OF SUPPLY CHAIN MANAGEMENT” International Journal of Innovative Research in Science, Engineering and Technology, Volume 9, Issue 12, December 2020, Page.1111-1114.

- Abhijit Puri , Kiran Ghorpade “Review on Implication of Gst, Rera And Lock Down On Builders and Developers “, International Journal For Research & Development In Technology, Volume-14,Issue-5(Nov-20) ISSN (O) :- 2349-3585, Page. 84-91
- Tekale Sandip Baban, Augad Vaibhav Anil “THE USE OF TITANIUM DIOXIDE TO PRODUCE SMOG ABSORBING CONCRETE”, International Advanced Research Journal in Science, Engineering and Technology Vol. 8, Issue 4, April 2021
- Vivek Desai, Vaibhav Augad "EFFICIENT UTILIZATION OF DEMOLITION WASTE IN CONCRETE CONSTRUCTION", International Advanced Research Journal in Science, Engineering and Technology Volume 8, Issue 4, April 2021
- Pathak Onkar Diliprao, Augad Vaibhav Anil “Effective Utilization Of Waste Paper Into Bricks / Papercrete Wall Panels”, International Advanced Research Journal in Science, Engineering and Technology Volume 8, Issue 4, April 2021
- Yatharth Hegade, Mr. B. R. Warvate (2020) “Thermal Insulating Material For Low cost Housing”. IJARESM September 2020, Volume 8, Issue 09. ISSN Number 2455-6211
- Shilpa More, Mr. B. R. Warvate (2020) “Review Paper on the study of permeable Pavement”. IJSRET April. 2021, Volume 07 Issue 02 Page 1177-1180
- Nikhil Shirole, Mr. B. R. Warvate (2021) “Autoclaved Aerated Concrete”. IARJSET May-202, Volume 8, Issue 5
- Sarika S. Kale, Abhinav Harpale, Chinmay Bhade, Atharva Choudhari, viraj Karanjkar- ‘Analysis of Mulla-Mutha River”IJSART-Volume-July 2021 ISSN(online) 2395-1052
- Sarika S. Kale, “Watershed Management for Loni Mavala Watershed using GIS and Remote Sensing Technique, Volume-5, Issue 6, June2020 ISSN (online)- 2456-3293.
- Atharav Jadhav , Krishna Joshi , Tejas Kakde , Aquib Baig , Gauri Patil,”“Change in aesthetical view in residential building post covid 19 using bim”,international journal of advance scientific research and engineering trends,Volume 6, Issue 4 April 2021 ISSN (Online) 2456-0774.
- Juee Athalye, Kiran Ghorpade, Abhishek Shirle, Ankur Burade, Shrikant Kate, “A Procedure for Deriving Analytical Fragility Curves for Masonry Buildings,” IJRESM, 3(6), 524-526, (2020).
- Kiran Ghorpade, Abhishek Shirle, Juee Athalye, Ankur Burade, Shrikant Kate (2020) Advances in E-tendering process of government construction work. Spark2020@PCCOER, July 2020.
- Abhishek Shirle, Kiran Ghorpade, Juee Athalye, Ankur Burade, Shrikant Kate (2020) Water Quality Analysis of Karnal Village. Spark2020@PCCOER, July 2020.
- Vinit A. Nandal, Sunil M.Thite, Muktabai R. Warwate, Rohit D. Yevale, Abhishek Shirle,, “Effect of Depth of Filter Media on Filtration Process on Effluent Water Quality: Review” IJSART, 7(4), 726-728, (2021).
- Gayatri M.Autade, Saiprasad R.Yadav, Radhika G.Shinde, Sourabh S. Walhekar, Abhishek Shirle,, “TREATMENT OF WASTEWATER BY USING PHYTOREMEDIATION TECHNIQUE: REVIEW” IJSART, 6(4), 63-68, (2021).

- Abhishek Shirle, Mandar Baporikar, Tushar Kale, Omkar Magar, Sujata Manale, “Turbidity and TDS Removal from Dual Media Filter by Using Pumice Stone” IJARESM, 8(6), 158-164, (2020).

## **6) BOOK PUBLICATION :**

- a) Author Name: Prof.K.H.Ghorpade,  
Subject : Estimating and costing ,  
TYCE Civil, MSBTE, Tech neo publication,  
Date: 12 Dec 2021
- b) Author Name: Prof.K.H.Ghorpade,  
Subject : Construction Management  
,Btech Civil, Mumbai University, Tech neo publication,  
Date: 25 March 2021
- c) Author Name: Prof.K.H.Ghorpade  
Subject : Project Management,  
SE Civil SPPU, Tech neo publication,  
Date: 30 March 2021
- d) Author Name: Prof. A. C. Shirle  
Subject : Air Pollution and Control  
B. E. Civil, SPPU, Tech neo publication,  
Date: 25 March 2021

## **7) INTERACTION WITH OUTSIDE WORLD:**

- a) Mr.P.A.Manatkar worked as a paper setter in Bharati Vidyapeeth University PUNE
- b) Mr. Shrikant Rajendra Kate worked as Editorial Board Member for International Journal of Journal of Civil, Construction and Environmental Engineering Science Publishing Group, 1 Rockefeller Plaza, 10th and 11th Floors, New York, NY 10020 U.S.A.
- c) Mr. Shrikant Rajendra Kate worked as Reviewers for International Journal of Institute of Scholars.
- d) Mr. Shrikant Rajendra Kate worked as Reviewers for Journal of Humanities, Art and Design.
- e) Mr. Shrikant Rajendra Kate worked as Reviewers for Asian Journal of Interdisciplinary Research.
- f) Mr. Shrikant Rajendra Kate worked as Reviewers for Journal of Emerging Technologies and Innovative Research.

## **8) INVITED TALKS/JUDGE/RESOURCE:**

- a) Mr. Suraj Chatrabhuj Tandale invited as resource person for two days workshop on “Microsoft Project Planning in Construction” at Dept of Civil Engineering Maharashtra institute of technology, Alandi on 14 October 2020
- b) Mr.Pravin Arun Manatkar invited as a Resource person for National Level One Week Short Term Training Program on “Advanced Surveying”, on topic Introduction to Geographic Information Systems,Different components of GIS,Different types of vector data and concept of topology,What is Remote Sensing,Segment and Component of Remote Sensing,Applications of remote Sensing.organized by Department of Civil Engineering, Padm. Dr. V. B. Kolte College of Engineering,Malkapur (M.S.), India. Held on15th & 19th June 2020



c)Mr Kiran H.Ghorpade invited as a Resource person for Guest Lecture on “Etendering” held at Zeal College Narhe Pune on 9 Dec 2020.

d)Mr Kiran H.Ghorpade invited as a Resource person for Guest Lecture on “Etendering” held at AISSMS COE Pune on 6 Nov 2020.

e)Mr Kiran H.Ghorpade invited as a Resource person for FDP on “Etendering” held at MIT Poly Pune on 3 April 2021.

#### **9) PHD REGISTRATION:**

a) Mr. Shrikant Rajendra Kate has registered for Ph. D in Civil Engineering at the research centre “Department of Technology, Shivaji University, kolhapur”, in the area of Water Resource Engineering in the Year 2020.

b) Mrs. Gauri L. Patil has registered for Ph. D in Civil Engineering at the research centre “DYPU ,Ambe Pune” in the area of Water Resource Engineering in the Year 2020.

#### **10) FACULTIES REMARKABLE ACHIEVEMENTS:**

a) Mr.Pravin Arun Manatkar has been awarded this certificate on completion of online course on “Remote Sensing & GIS Technology and Applications for University Teachers & Government Officials” which was conducted by Indian Institute of Remote Sensing (IIRS),ISRO Dehradun, during 13-06-2020 to 01-07-2020 .

#### **11) CONSULTANCY WORK:**

Sr. No.	Activity	Name of organization	Year	Nature of work	Faculty Involved	Revenue Generation
1	Survey Project 2020-21	KJ Infra,Pune	2020-21	Contour Survey of Parking	Mr.Pravin A. Manatkar Dr.S.S.Deshmukh	0/-

#### **STUDENT DEVELOPMENT AND WELFARE:**

##### **1) STUDENTS ASSOCIATION**

a) The Civil Engineering Students Association Cell (CESA) has successfully celebrated Teacher’s Day on 5th September 2020.

b) The Civil Engineering Students Association Cell (CESA) has successfully celebrated Engineer’s Day on 15th September 2020.

##### **2) TECHNICAL EVENTS**

a) The “TECHNOMELA -2021 Exploring the world of Advanced CAD & Revit software”workshop was organized on 15th and 16th April,2021.Two eminent speaker Mr. Anand Reddy and Mr. Sameer Renuse from CAD Center and inhouse faculty from Civil department Prof. Gauri Patil successfully conducted two days workshop.In day 1 session Prof. Gauri Patil emphasized on advantages , commands ,tools and overviewed autocad where as Mr. Anand Reddy and Mr. Sameer Renuse explained industrial use and drafted a plan in autocad.Prof. Gauri L. Patil , Prof. Vaibhav Augad ,Prof. Kiran Ghorpade successfully coordinated the event. The event was organized with an objective of

emphasizing on various tools used to save time and increase productivity. The outcome of the event was to upgrade knowledge of latest trends.

b) A National level webinar – “ADVANCED AUTOCAD “series was organized by the Department of Civil Engineering on 7 th ,8 th and 10 th Aug,2020. Mr. Ravindra Mane ,Director – ARCHSTRUCT, was invited as an expert for this series. The objective of the workshop was to get hands on session regarding use of innovative methods in their regular studies and also focused on use of Advanced-cad in today's world. Prof. Gauri Patil and Prof. Sachin Kudale successfully coordinated the event. The event was organized with an objective of emphasizing on various tools used to save time and increase productivity. The outcome of the event was to make learning and utilization of various commands.

c) Prof. A. C. Shirle, Prof. A. A. Burade successfully coordinated the webinar on “ When and How to Start a New Venture?”. The webinar was delivered by Mr. Pranil Nandedkar, CEO and Founder at Brand Build Media on 12/06/2020 at 11:00 am

### 3) HIGHER STUDIES IN VARIOUS UNIVERSITIES- 1

Name of student enrolling into higher education	Program graduated from	Name of institution joined	Name of programme admitted to
Gauri L Patil	Civil Engineering, TAE, Pune	D Y PATIL College of engineering Ambi	PhD Civil Engineering

### 4) GATE/GRE/TOFEL/MPSC/UPSC/CDS/Defence- 15

Year	Registration number/roll number for the exam	Names of students Appeared Gate Exam
2020-21		
1	CE21S22095486	KADRI MUHEEB MUJAHID
2		Akash Shivshankar Wade
3		Pranav padmakar Honrao
4		Rohit Devidas Jadhav
5	CE21S22094894	Satyaranjan gophane
6		Kadere SanjayKumar Shashikant
7	B237C44	Akshay Ramchandra Shitole
8		Rutuja mahamuni
9		Syed Mujahid Mubasiroddin
10		Nimgade Akhil Ghanshyam
11	K461N25	Aashutosh Bhagwan Patil
12	CE21S22094126/B328X59	Yevale Rohit Dattatraya
13	CE21S12001064	Shweta Pandhari Raut
14	CE21S12025015	Khedkar Pradnya Ankush
15	CE21S22083420	Kshitija Manoj Shirke

## ACADEMIC YEAR 2020-21

Department: Computer Engineering

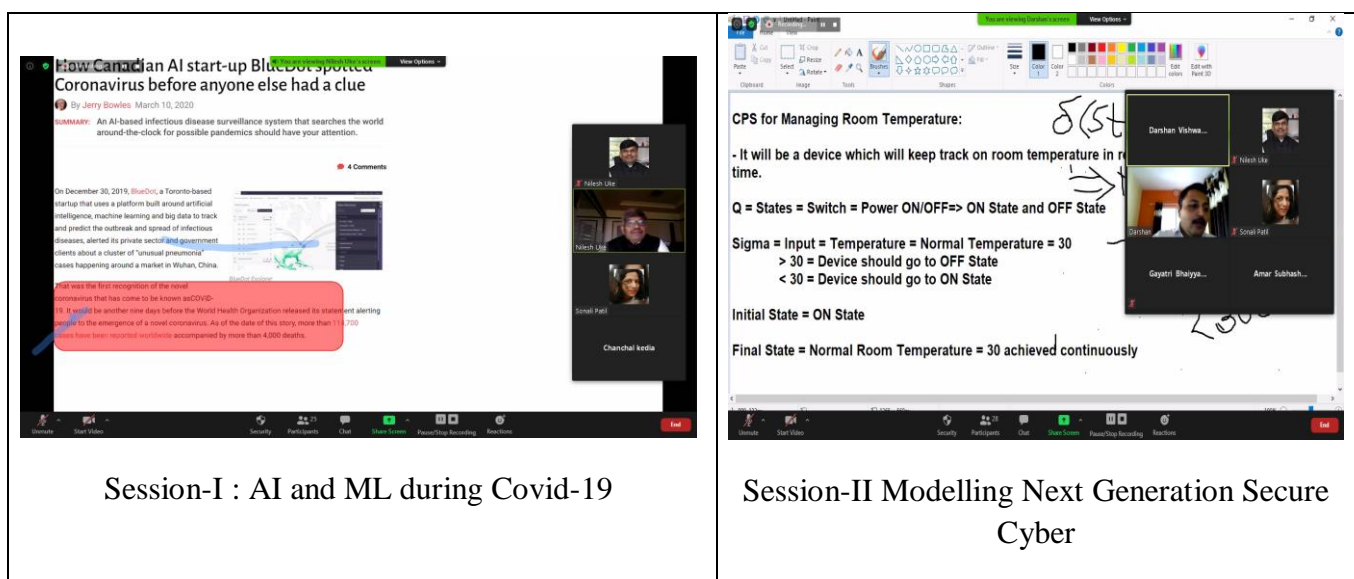
## Research and Development

### FDP/Workshop/Webinar/Organized

- 1) The **Foundation course for DSE Aspirants** was organized on 13th and 14th August 2020.

This foundation course is intended to enhance the knowledge, time management, bridging gap between Industry and Academia. The topics for two days workshops are AI and ML during Covid-19, Modeling next generation secure Cyber -Physical Systems, Bridging gap between Industry and Academia, Value of Time Management.

Mrs. Sonali Patil successfully coordinated the event. The event was organized with an objective of Bridging the gap between Industry and Academia, Value of Time Management. The outcome of the event was Bonding between DSE Aspirants and institute development.



Session-I : AI and ML during Covid-19

Session-II Modelling Next Generation Secure Cyber

- 2) The **Recent Trends in AI and Data Science** was organized on 15<sup>th</sup> and 16<sup>th</sup> April, 2021.

A two-day workshop “TECHNOMELA-2021 “**Recent Trends in AI and Data Science**” was organized by Department of Computer Engineering, Direct Second year team under the valuable guidance of Head of Department Dr. Nikita Kulkarni and Prof. Pratima Patil. The program was inaugurated by Principal Dr. N. J. Uke and Head of Computer Department Dr. Nikita Kulkarni. The students were addressed regarding use of innovative methods in their regular studies and also focused on the latest trends in the upcoming trends of artificial intelligence and data science. The objective of the workshop was to insist the students to upgrade knowledge of latest trends. Digital Marketing and Poster making was handled by Prof. Nilufar Zaman. Prof. Vanita Gadekar handled the registration of students. Student queries was handled by Prof. Alfiya Shahbad and Prof. Vanita Gadekar. Prof. Alfiya Shahbad was the convener of the entire workshop.

The workshop was conducted for two days. Day 1 had two sessions on Artificial Intelligence. The day 1 began with welcoming the Speaker and principal Dr. Nilesh Uke, Head of computer dept Dr. Nikita Kulkarni, Faculties and the attendees of the workshop. Prof. Alfiya Shahbad welcomed the speaker and gave an introduction to the day 1 topic of Artificial Intelligence. Day1 was divided into two sessions. Both sessions were conducted by Dr. Nilesh Uke. In session 1 the technology of artificial Intelligence was introduced. In session 2 recent trends in the AI was presented. Day 2 was of Data Science. Prof. Alfiya Shahbad welcomed the faculty, attendees and the HOD and speaker for

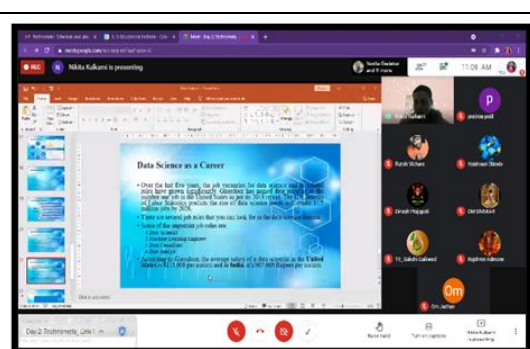
session 1 Dr. Nikita Kulkarni. Session 1 was an insight into Data Science. It covered all the information into the domain of Data Science introduction. The speaker of Session 2 was Prof. Pratima Patil. Prof. Alfiya Shahbad introduced the speaker. Prof. Pratima Patil gave a practical approach to data science.

The attendees gained a clear insight into the domains of Artificial Intelligence and Data Science. Value addition of job prospective were introduced to the attendees.

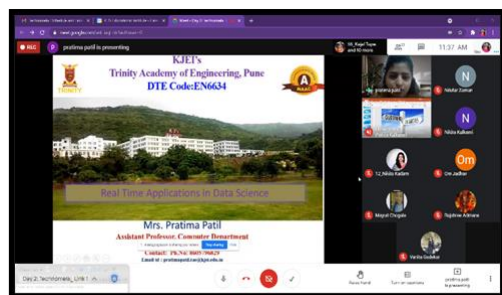
Workshop was well coordinated by Prof. Alfiya Shahbad, Prof. Pratima Patil , Prof. Vanita Gadekar, Prof. Sushadevi Adagale , Prof. Nilufar Zaman and anchored by Prof. Alfiya Shahbad . Total 168 students from various colleges participated this series. At end of session question answer round was scheduled. Feed back and photographs was done by Prof. Sushadevi Adagale. The session ended with valedictory function. Vote of thanks was delivered by Prof. Nilufar Zaman.



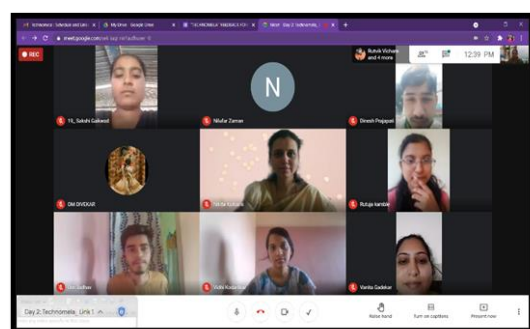
Day 1 Session by Dr. Nilesh Uke



Day 2 Session 1 by Dr. Nikita Kulkarni



Day 2 Session by Prof. Pratima Patil



Attendees of Workshop

### FDP/Workshop/etc Attended

- Dr. Nilesh Uke attended one Week AICTE Training and Learning (ATAL) Academy FDP on "Quantum Artificial Intelligence" organized by Indian Institute of Information Technology, Pune (IIITP) from May 24-28 , 2021
- Dr. Nilesh Uke attended One Week AICTE Training and Learning (ATAL) Academy FDP on "Digital Media Marketing and Management" organized by Institute of Business



Management & research, IPS Academy, Indore (M.P) from May 17 to 21 , 2021

- Dr. Nilesh Uke attended AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 2020-10-5 to 2020-10-9 at Indian Institute of Information Technology Pune.
- Dr. Nilesh Uke attended One Week FDP on Digital Transformation during 10th Aug to 15th Aug 2020 organized by Walchand College of Engineering Sangli.
- Dr. Nilesh Uke attended Online Faculty Development Program (FDP) “Are You IoT Ready? Join Configuration of Smart Home using CISCO Packet Tracer” hosted by Department of Computer Science & Engineering, Jain University on May 23, 2020.
- Dr. Nikita Kulkarni attended Online AICTE ATAL FDP on CYBER SECURITY ANALYTICS conducted online at Jawaharlal Nehru Technological University Anantapur, ANDHRA PRADESH, from 17th May to 21st May 2021
- Dr. Nikita Kulkarni attended Online 5G Research as a Service (5GRaaS) Webinar, Hosted from LONDON, UK on 16th January 2021
- Dr. Nikita Kulkarni attended Online AICTE sponsored Quality Improvement Programme (QIP) short-term course on "Machine Learning Techniques" organized via online mode by Department of Management Studies, Indian Institute of Technology Roorkee from 21st December 2020 to 25th December 2020
- Ms Sushadevi Adagale attended one STTP on **Deep Learning Application using IoT**, sponsored by AICTE, New Delhi, organized by MIT Academy of Engineering Alandi
- Ms. Nilufar Zaman participated in AICTE sponsored one week STTP on “High Performance Computing Using Parallel, Distributed and Cloud Computing (HPCPDC2)- Phase-III” from 26.04.21 to 01.05. 21 at Department of Information Technology of Yeshwantrao Chavan College of Engineering, Nagpur.
- Ms. Nilufar Zaman attended 3 days FDP on “AI ML” organized by Zensar RPG foundations as part of ESD program on 27<sup>th</sup> to 30<sup>th</sup> March 2021.
- Ms. Nilufar Zaman attended 5 days faculty Development Program on “ExpEyes” at Anantrao Pawar College of Engineering & Research , Pune from 01.06.20 to 05.06.20.
- Mrs. Alfiya Shahbad attended a one day Webinar on “ Infrastructure as Code(IaC) on Cloud” on 27th February 2021 organised by Presidency University, Karnataka.

## MOUs

- **Signed MoU with Navyuvak Entrepreneur for Entrepreneurship Development on 22<sup>nd</sup> January 2021.**
- **Signed MoU with Zensar Technology LTD. Pune.**

#### **Patents filed by faculty:**

- **Filed and Published a patent :**

Application Number: 202121006724 A

Name of Applicant: Dr. Nikita Kulkarni

Name of Inventors: Dr. Nikita Kulkarni, Jyoti Kundale, Nilesh Marathe

Title of Invention: "AN EMPIRICAL APPROACH FOR DATA ACQUISITION AND RELIABLE VEHICLE WELFARE"

Date of Filing: 17/02/2021

Publication Date: 26/02/2021

#### **Faculty publications:**

- **IEEE Format**
- Nilesh Uke, Priya Pise, Hemant B. Mahajan, Sumeet Harale, Shailaja Uke, "Healthcare 4.0 Enabled Lightweight Security Provisions for Medical Data Processing", Turkish Journal of Computer and Mathematics Education Vol.12 No. 11 (2021), 165- 173.
- Nilesh Uke, Shailaja Uke, "Proximity Approach for Object Detection in Video", International Journal of Control and Automation, 13(02), 868 - 876. Retrieved from <http://serisc.org/journals/index.php/IJCA/article/view/11688> , May 2020.
- Harsh Shah, Soheli Shaikh, Vinayak Tupe, Amit Rathod, Nilesh Uke, "Development of Virtual Environment for Educational Campus", Pensee International journal, Vol 51, issue 4, April 2021, pp 1415-1421.
- Trupti G. Thite, Nilesh J. Uke, "Securing Internet of Things (IoT) Using Machine Learning Methods", Recent Trends in Sensor Research & Technology. 2020; 7(2): 23–27p.
- Ruchika Kankaria, Nilesh Uke. Analyzing the user Experience of Mobile Instant Messaging Service. Journal of Web Engineering & Technology. 2020; 7(2): 1–4p.
- Chitra M. Gaikwad, Sangeeta N. Kakarwal, Shubhangi Sapkal and Nilesh Uke, "Estimation of Soil Attributes using Spectroscopy", CSI Journal of Computing | Vol. No. 3, No. 2, June 2020 e-ISSN 2277-7091. PP 12-16.
- D.D. Kulkarni, Dr.V.V. Dixit, Dr. Nilesh Uke, "Recent Artifacts Handling Algorithms in Electroencephalogram", International Journal of Advanced Science and Technology, 29(5s), 1862 - 1869; 2020 <http://serisc.org/journals/index.php/IJAST/article/view/17883>.
- Chanchal P. Kedia, Nilesh J. Uke. Social Media Analytics for Academic Performance of Students. Journal of Electronic Design Technology. 2020; 11(1): 21–26p.
- Harsh Shah, Vinayak Tupe, Amit Rathod, Vinayak Rathod, Soheli Shaikh, Nilesh Uke, "A

Progressive Web App for Virtual Campus Tour" in proceedings of IEEE International Conference on Computing, Communication and Green Engineering 2021 (CCGE21) organized by RSCOE Pune on Sep 23-25, 2021.

- Satish Belwadkar, Biraj Sarkar, Rohan Bhalerao, Bibek Sarkar, Nilesh Uke, "FinTech Platform for Users Involvement in Startups", 6th International Conference on "Internet of Things, Next Generation Networks and Cloud Computing 2021" on 22nd – 23rd May, 2021 at Pune organized by Department of Computer Engineering, Smt. Kashibai Navale College of Engineering.
- Dr. Pravin R Futane, Dr. Suvarna Pawar & Dr. Nilesh J Uke, "Study, Survey and Analysis of Sign Gestures", 4th International Web Conference on Emerging Trends in Arts, Science, Engineering & Technology, Organized By DK International Research Foundation, ISBN Number: 978-81-945642-3-2, Page Number 108-122, 2020.
- Ninad Mate, Shubham Salunke, Rusha Wghmare, Dr. Nikita Kulkarni, "Network Intrusion Detection using Encryption Algorithms for Security", in International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Issue 6, pp:7234-7237, June 2021.
- Akash Padwal , Pranav Enpure, Omkar Gujar, Sadanand Jagtap, Dr.Nikita Kulkarni, "Chatbot Testing Using AI Planning", in International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Issue 6, pp- 6471-6478, June 2021.
- Adarsh Pawar, Tejaswini Nikam, Sakshi Gaikwad, Nikita Kulkarni, "Library Management Application: Index-Based Evaluation Using Keyword Extraction Algorithm", in International Journal of Innovative Research in Computer and Communication Engineering, Volume 9, Issue 6, pp:6528-6536, June 2021.
- Pratima Patil, Nilesh Uke, "Attention Using Randomization for Music Recommendation", in 10th International Conference On Science And Innovative Engineering -ICSIE 2020; Jawahar Engineering College, Chennai, India.
- Sneha Patil, Dayanand More, Roshani Kale, Nilufar Zaman, "Plant Disease Recognition and Fertilizer Suggestion Using Image Processing" Journal of Huazhong University of Science and Technology, Directory of Open Access Journal ,VOLUME 50 ISSUE 06 –2021. ISSN-1671-4512.
- Mrs C P Kedia, Priya Jadhav, Pooja Tilekar, Aishwarya Kardile, Shipra Banerjee, Ekta Yadav published paper on "Smart ID CARD Using QR-Code" in International Journal of Innovative Research in Computer and Communication Engineering.
- Mrs C P Kedia, Adarsh Pawar, Sakshi Gaikwad, Tejaswini Nikam published a paper on "Index-Based Evaluation Using Keyword Extraction Algorithm" in International Journal of Innovative Research in Computer and Communication Engineering.
- Mrs C P Kedia, Pranav Enpure, Sadanand Jagtap, Omkar Gujar, Akash Padwal "Chatbot Testing Using AI Planning" on International Journal of Innovative Research in Computer and Communication Engineering.
- Adagale Sushadevi .S , Rohit Manohar Saggam, Neel Atulkumar Rajgor , Tushar Kashinath Gaikwad " Survey paper on Smart Fuel Level Indicator and Mileage Calculating

- Mrs. Alfiya Shahbad, Akash kapse, Kazi Bibi Zohra, Rajshekar Swami, Domain - Emergency Health Care & Safety Services for “Accident Detection and Alert System using Arduino” International Journal of Innovative Research in Computer and Communication Engineering , Volume 9, Issue 4, April 2021.
- Ms. Vanita Gadekar ,Priyanka Hallale, Neha Rawade, Reshma Katake, Kamthe Aishwarya, GadekarVanita “Water resource planning and management using naive bayes algorithm” International Journal of Innovative Research in Computer and Communication Engineering,VOLUME 9 ISSUE 08 , July 2021

### **Book Chapter:**

1. Nilesh Uke, Shailaja Uke, “Artificial Intelligence at Workplace to Improve Productivity” in book on "Emerging Trends in Commerce, Economics and Information Technology and Management, April 2021.
2. Nikita Kulkarni, Nilesh Marathe, Gautam Borkar, “Game Theory Approach for Trust management in the Realm of IOT” in book on “Security Issues and Privacy Threats in Ubiquitous Computing”, Springer, Singapore, ISBN: 978-981-33-4996-4, 2021.

### **Interaction with outside world:**

- Dr. Nilesh Uke worked as Reviewer for cPGCON 2021, organized by Department of Computer Engineering, Smt.Kashibai Navale College of Engineering Pune 41, in association with BoS Computer Engineering, Savitribai Phule Pune University, Pune 7-8 May 2021.
- Dr. Nilesh Uke worked as Reviewer of International Conference on Communication, Information and Computing Technology (ICCICT-2021), Mumbai, India Bharatiya Vidya Bhavan’s Sardar Patel Institute of Technology, Mumbai, India on 25-27 June, 2021.
- Dr. Nilesh Uke worked as Reviewer of 4th International Conference on Recent Trends in Engineering and Technology organized by Vishwakarma Institute Of Information Technology, Kondhwa(Bk), Pune 27 th and 28 th NOV 2021.

### **Invited Talks/Judge/Resource:**

- Dr. Nilesh Uke invited as Keynote speaker for International Conference on Electronics, Communication, Information Technology and Management (ICECIM-2021) on 03rd June, 2021 organized by School of Electronics & Communication Engineering, REVA University, Bangalore
- Dr. Nilesh Uke invited as Expert Session on "Advances and Challenges in Deep Learning and Artificial Intelligence" at AICTE Training and Learning (ATAL) Academy Organizing One Week Faculty Development Program (FDP) organized by Sandip Institute of Technology and Research Centre, Nashik under the trust area “Computer Science and Biology” from 10th – 14th Jan 2021.
- Dr. Nilesh Uke was invited as Keynote speaker for the webinar Series on Lecture Series on Machine Learning conducted by IFERP on November 8th, 2020.



- Dr. Nilesh Uke was invited for Webinar on “Research Article Writing and Citation Managers” at Vishwakarma Institute of Information Technology, Kondwa Pune on 09 July 2020
- Dr. Nilesh Uke was invited for Expert Session delivery on Webinar on "Research Paper Writing and Citation Managers” at Computer Science & Engineering, P. E. S. College of Engineering, Aurangabad 21 June 2020
- Dr. Nilesh Uke was invited as Resource person for Two Days Webinar on "Things to know about Research Paper Writing and Citation Manager" on 2nd-3rd June 2020 organized by Information Technology Department, PCCOE, Pune.
- Mrs. Chanchal Kedia was invited for Webinar on “ Online Teacher Training for Basics of Microsoft Teams” on 2nd July 2020 organized by Trinity Academy of Engineering, Pune.
- Mrs. Pratima Patil was invited for Webinar on “ Online Teacher Training for Tracking Attendance & Monitoring” on 20th July 2020 organized by Trinity Academy of Engineering, Pune.
- Mrs. Sonali Patil was invited for Webinar on “ Online Teacher Training for Working with Tab in MS teams” on 21st July 2020 organized by Trinity Academy of Engineering, Pune.
- Mr. Santosh Darade was invited for Webinar on “ Online Teacher Training for Video and Audio calls” on 22nd July 2020 organized by Trinity Academy of Engineering, Pune.

### Student Development and Welfare:

#### ◦ Technical Events

1. **Priyanka Nagnath Hallale** had completed Foundations: Data, Data Everywhere an online non-credit course authorised by Google and offered through Coursera May, 26 2021
2. Amit Rathod, Harsh Shah, Sohail Shaikh, Vinayak Tupe under the guidance of Dr. N.J.Uke had received the **best project award** in the event of TANTRA 2021 National Level Tech-Fest held in Mumbai from 26th to 27th March 2021
3. Akhilesh Kanse, Sahil Tamboli, Akshay Ghule, Anvesha Kulkarni, Tauhid Shaikh participated in IDEATHON 2020 competition and secured first rank in National level Ideathon from 27th Aug to 30th September 2020 held in CMR engg. college.

#### ◦ Higher studies in various universities

1. Mandar Pimparkar-Graduation degree-Computer Engineering, Name of Institution-Great Learning, Name of Program-Post Graduation Diploma in 2020-21

### GATE/GRE/TOFEL/MPSC/UPSC/CDS/Defence

1. Sahil Tamboli Scored 415 in GATE 2021 and secured all India rank as 8836.

## **ACADEMIC YEAR 2020-21**

**Department: E&TC Engineering**

**Research and Development**

**FDP/Workshop/Webinar/Organized**

1. One day **Faculty Development Program** on “E-content Preparation via OBS software with YouTube live streaming” was conducted on 25 July 2020. Ms. Deepthi Kulkarni

successfully coordinated the event.

The objective of the program was to educate all teaching faculty members about online content creation.

The faculty members got to know how to create E-contents.

2. One day **Faculty Development Program** on “White Boards in Teams” was conducted on 21 July 2020. Ms. Supriya Saste successfully coordinated the event.

The objective of the program was to educate all teaching faculty members about the usefulness of microsoft teams.

The faculty members got ideas about how to use white boards for online teaching learning.

3. One day **Faculty Development Program** on “Google Classroom for Teachers” was conducted on 25 June 2020. Mrs. Trupti Thite successfully coordinated the event.

The objective of the program was to educate all teaching faculty members about the usefulness of Google Classroom for the online teaching learning process.

Faculty members understood how to use google classroom for effective teaching learning.

4. The two days national level **workshop** on “Exploring the world of Arduino” was organised on 15th to 16th April 2021. All the faculty members of E&TC Engineering department successfully coordinated the event.

The event was conducted for diploma holders with the objective of making them familiar with Arduino and it’s programming.

The students got knowledge about Arduino, it’s programming and how to use it for real world application.

5. The **national level webinar series** on “Covid-19 Pandemic Impact : Challenges and Opportunities in E&TC Engineering Career” was organized on 1st and 2nd August 2020 in association with Indian Institute of Information Technology Pune. All the faculty members of the E & TC Engineering department successfully coordinated the event.

The objective of the event was to make students aware about the technologies in Electronics and Telecommunication Engineering.

All attendees of this event got to know about scope in nanotechnology and various

career opportunities in E&TC Engineering field.



Webinar series on “Covid-19 Pandemis Impact: Challenges & Opportunities in E&TC Engineering Field”

Faculty Development Programs organized on “E-content preparation via OBS software” and “Google Classroom”

### FDP/Workshop/etc Attended

1. Ms. Supriya Saste attended a 5 days state level online Faculty Development Program on Social, Media, Analytics from 26/04/2021 to 30/04/2021.
2. Ms. Supriya Saste attended Workshop on Project Based Learning on 23/01/2021.
3. Ms. Supriya Saste attended Orientation workshop on , "Control Systems", from 18/01/2021 to 20/01/2021



4. Ms. Supriya Saste attended a one day FDP on MATLAB for engineering applications on 10/09/2020.
5. Mrs. Trupti Thite attended "Wearable Devices" " (ATAL FDP) from 21-09-2020 to 25-09-2020.
6. Mrs. Trupti Thite attended Faculty Orientation Workshop on, "Data Analytics Lab" from 21-01-2021 to 22-01-2021.
7. Mrs. Trupti Thite attended Faculty Orientation Workshop on Electronic Circuits (EC) from 22-06-2020 to 26-06-2020.
8. Mr. Mayuresh Gulame attended Faculty Orientation Workshop on Signals and



Systems(SS) from 17/01/2021 to 22/01/2021.

9. Mr. Mayuresh Gulame attended Faculty Orientation Workshop on Digital electronics and logic devices from 25/02/2021 to 28/02/2021.
10. Mrs. Kranti Patil attended NPTEL course on Antenna Theory from 15 Jan 2021- 8 April 2021.
11. Mrs. Trupti Thite attended NPTEL course on Biomedical Signal Processing from 15 Jan 2021- 8 April 2021.
12. Deepthi kulkarni, participated in one day Online Faculty Orientation Workshop on SE(E&TC/Electronics) Revised Syllabus 2019 Course for the Subject Employability Skills Development Organized by Department of E&TC , Hope Foundation's International Institute of Information Technology (I2IT), Pune, on 21st January 2021.
13. Ms. Deepthi D Kulkarni participated in Three Days Online Faculty Orientation Workshop on SE(E&TC/Electronics) Revised Syllabus 2019 Course for the Subject Principles of Communication Systems Organized by Department of E&TC Engg., Dr. D. Y. Patil Institute of Technology, Pimpri, Pune from 18 to 20 January 2021.

## MOUs

- Signed MoU with Supo Labs for Training and Internship on 24/8/2020
- Signed MoU with My Future Town for Training and Internship on 24/8/2020
- Signed MoU with RajRajeshwara PCB Manufacturing and Designing on 13/01/2020 (Continued for next 4 Year)
- Signed MoU with Brainiac IP Solutions on 3/1/2016 (Continued for next 5 Year)

## Faculty publications:

1. D.D. Kulkarni, Dr.V.V. Dixit, Dr. Nilesh Uke "Recent Artifacts Handling Algorithms in Electroencephalogram" International Journal of Advanced Science and Technology, Vol. 29, No. 5s, (2020), pp. 1862 - 1869
2. Deepthi D. Kulkarni, Dr. Vaibhav V. Dixit Preprocessing Of EEG Signals for Estimating State Of Mind, IT in Industry, vol. 9, no.3, 2021
3. Mayuresh B. Gulame, Dr. Vaibhav V. Dixit "Thyroid nodules segmentation methods in clinical ultrasound images: A Review", Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.10.259> 2214-7853/ 2020 Elsevier.
4. Mrs. K.D. Patil, "Review on RF MEMS for Wireless application". Virtual National Conference on Recent Advances in Communicative Electronics (NCRACE 2021)"
5. Mrs. K.D. Patil, "A Compact Microstrip Patch for Detection of Breast Cancer", Journal of VLSI Design and Signal Processing, MAT Journal-2020.
6. Mrs. K.D. Patil, "Design of Advanced Micro Strip Patch Antenna for Wearable Application", Journal of Signal Processing, Vol 7, No 1 (2021)

7. Mrs.K.D.Patil, “Review on Microstrip patch for detection of breast cancer”, STM National Journal- 2020, ISSN: 2349-9001 volume 7 (1) , 34-37 p
8. Trupti G. Thite, Nilesh J. Uke, “Securing Internet of Things (IoT) Using Machine Learning Methods.” Recent Trends in Sensor Research & Technology. 2020; 7(2): 23–27p
9. Trupti G. Thite, Dr. Daulappa G. Bhalke. “Real-time Electrocardiogram monitoring for heart diseases with secured IoT Protocol”, Int. J. Medical Engineering and Informatics.Inderscience publications
10. Uke, Nilesh, Thite, Trupti and Saste, Supriya. "4 Recent advancements and challenges of artificial intelligence and IoT in agriculture". Internet of Things and Machine Learning in Agriculture: Technological Impacts and Challenges, edited by Jyotir Moy Chatterjee, Abhishek Kumar, Pramod Singh Rathore and Vishal Jain, Berlin, Boston: De Gruyter, 2021, pp. 65-82.
11. Mr. D.A. Jakkan,Dr. Prof. Chandrasekhar Sakode,Dr. Prof. Pradnya H. Ghare, “MID-INFRARED SPECTROSCOPY FOR THE ANALYSIS OF POTASSIUM SOIL PROPERTIES”, International Journal of Researchers in Biosciences,Agriculture and Technology(IJEBAT) Issue(IX) Volume I Jan 2021: 78-83

#### **Interaction with outside world:**

- Deepthi Kulkarni as Paper setter for Mobile Communication for BE 2015 pattern Insem and END sem 19/2/21
- Mrs. K.D.Patil as paper setter for Antenna wave Propagation for TE 2019 pattern End sem Exam.
- Mrs. K.D.Patil as paper setter for Microwave Engineering ME 2015 pattern End sem Exam.
- Mr..D.A.Jakkan as paper setter for Embedded System and RTOS (404184C) ,(sem-I) BE 2015 (End sem) (Theory) for E & TC Engineering.dated 09/06/2021
- Mr..D.A.Jakkan as paper setter for Embedded System and RTOS (404184C) ,(sem-I) BE 2015 (End sem) (Theory) for Electronics Engineering. dated 17/09/2020

#### **PhD Registration:**

- Ms.Deepthi D.Kulkarni has registered for Ph. D in Biomedical Signal Processing at the research centre “G.H.Raisoni College of Engineering and Management research”, in the area of Emotion Detection from EEG Signal.
- Mr. Mayuresh Gulame has registered for Ph. D in Biomedical Signal Processing at the research centre “G.H.Raisoni College of Engineering and Management research”, in the area of Thyroid Nodule Detection
- Mr. Trupti Thite has registered for Ph. D in Biomedical Signal Processing at the research centre “G.H.Raisoni College of Engineering and Management research”, in the area of Arrhythmia detection from 2 Dimensional ECG Signals.

- Mrs. K.D.Patil has registered for Ph.D in Microwave Engineering at research center “G.H.Raisoni College of Engineering & Management research in area of RF MEMS for Reconfigurable Antenna.

#### **Faculties Remarkable Achievements:**

##### **Number of awards and recognitions received for extension activities from government / government recognized bodies during the year**

Name of the Faculty, activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies	Year of award
Ms.Deepthi Kulkarni	Elite	Swayam, NPTEL	Dec 2020
Mr. Gulame M.B.	Elite	Swayam, NPTEL	Dec 2020
Mrs.Trupti G.Thite	Elite	Swayam, NPTEL	April 2021
Mrs. K.D.Patil	Best Young Faculty	Novel Research Academy	May 2021

#### **Industrial visits /Tours :**

Online Industrial Visit to Rajrajeshwara PCB Manufacturing and designing Pvt LTD, Pune for SE and TE students was arranged on 6th September 2020 for showing students process of PCB Manufacturing and Design

Objectives: To make students aware about steps of PCB manufacturing.

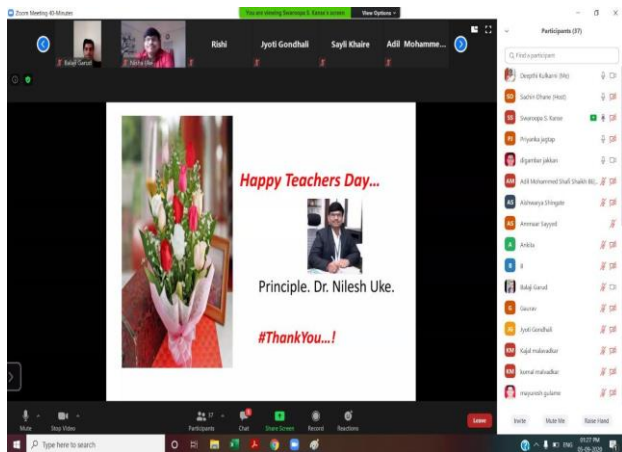
Outcome: Students Understood different tools and steps for designing any electronic circuit on PCB Hardware.



Virtual Industrial Visit to Rajrajeshwara PCB Manufacturing and designing Pvt LTD

### Student Development and Welfare:

**Students Association:** The E&TC Engineering Students Association Cell (ENCORE) has successfully celebrated Teacher's Day on 5th September 2020.

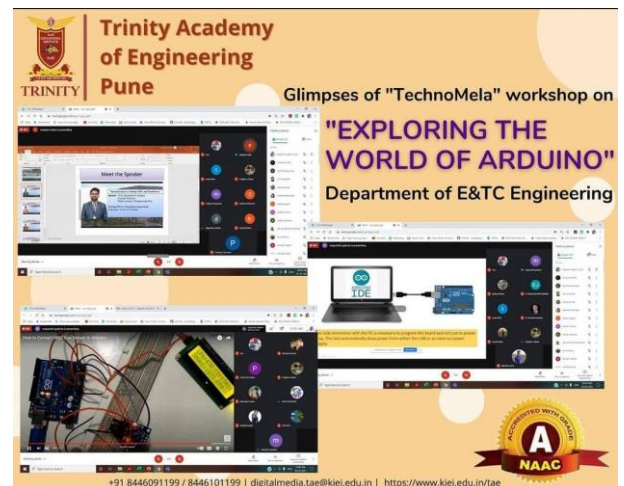


### Workshops :

1. The "TECHNOMELA -2021 Exploring the world of Arduino" workshop was organized on 15th and 16th April, 2021. Two eminent speakers Mr. Mayuresh Gulame and Mrs. Trupti Thite, in-house faculty from E&TC department, successfully conducted two days workshop. In day 1 session Mr. Mayuresh Gulame emphasized on advantages, commands, tools, and overviewed



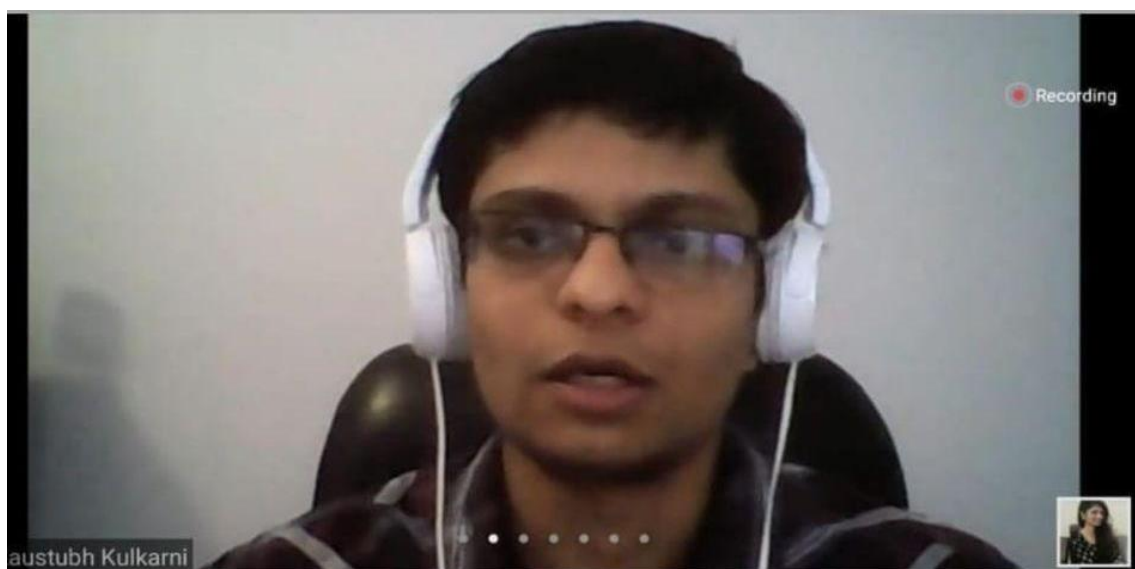
on arduino whereas Mrs. Trupti Thite explained industrial use of arduino.



2. The **national level webinar series** on “Covid-19 Pandemic Impact : Challenges and Opportunities in E&TC Engineering Career” was organized on 1st and 2nd August 2020 in association with Indian Institute of Information Technology Pune. All the faculty members of the E & TC Engineering department successfully coordinated the event.

The objective of the event was to make students aware about the technologies in Electronics and Telecommunication Engineering.

All attendees of this event got to know about scope in nanotechnology and various career opportunities in E&TC Engineering field.



- **Higher studies in various universities :**

1. Sanket Jagtap Doing MBA(Operation & Supply Chain Management) from PDEA's Mahatma

### **Student Achievements:**

1. Prajakta Takale, the student of SE-E&TC has received following awards
  - Fitness Enthusiast
  - International Model
  - Sakal Beauty of Maharashtra top 9 finalist and also miss Talented award holder.
  - Femina Miss India Aspirant
  - Currently playing in the Indian women's League (under Asian Football Confederation)  
This is the Premier women's club tournament of Asia.

### **● Student Publications:**

- Sushant Gurme, Sanket Kelkar, Shubham Shrivastav, Deepti D. Kulkarni, IOT based Paralytic Patient Observation System, Journal of Signal Processing, Vol 7, No 1 (2021)
- Swaroopa Kanse, Sayali Khaire, Tushar Gadade, Mayuresh B. Gulame, Identification of Drowsiness by Using Eye Blink to Prevent Accidents, Journal of VLSI Design and Signal Processing, e-ISSN: 2581-8449 Volume-6, Issue-3 (September-December, 2020)
- Ms. Neha Jagdale, Mr. Ravindra Vasave, Mr. Sachin Dhane, Mr D.A. Jakkan "Smart Indoor Gardening System Using IOT with BLYNK APP" "Journal of Analog and Digital Devices", in Volume 5, Issue 3.
- Dhanshe Miran, Khan Shoaiba, Kazi Taherim, Thite Trupti, Multi-Language Real Time Home Appliances Controlling System, Journal of Signal Processing, Vol 7, No 1 (2021)
- Adil Shaikh, Priyanka Ananta Jagtap, S. S. Saste, "Advance Vehicle Tracking and Monitoring System", International Research Journal of Modernization in Engineering Technology and Science, Volume:03/Issue:05/May2021
- Adil Shaikh, Priyanka Ananta Jagtap, "Advance Vehicle Tracking and Monitoring System", Virtual National Conference on "Recent Advances in Communicative Electronics (NCRACE 2021)"
- Swapnil Bandal, Sujit Desai, Jakkan D. A. "AN IOT-BASED WEATHER MONITORING SYSTEM". Journal of Electronics and Communication Systems, Volume-6, Issue-2 (May-August, 2021)

### **● Social Concern/ activities:**

Guest Lecture on Data Structure for Second Year E&TC Students was conducted on 22 April 2021 from 9.30am to 12.00 noon on Google meet Platform by Prof. Rupali R. Kawade, PCCOER, Ravet. 25 students attended the lecture.

### **Alumni Webinar Series:**

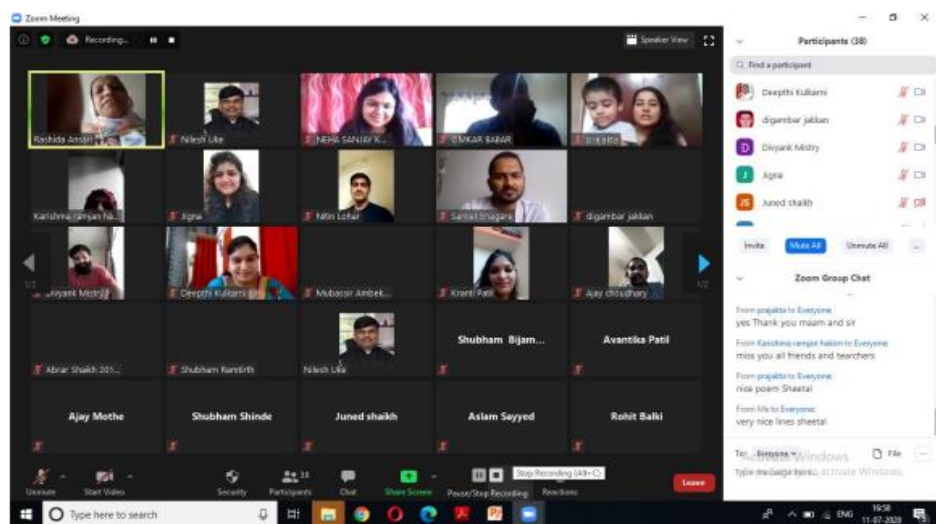
1. Webinar on "Role of Networking in IT Industry" was conducted by our alumni Mr. Shubham Ramtirth on 27/06/2020 via Zoom meeting Application. More than 38 students attended.
2. Webinar on "Campus to corporate" was conducted by our alumni Ms. Zeenat S. Khan on 13/06/2020 via Zoom meeting Application. More than 35 students attended.
3. Webinar on "Career Path After Engineering" was conducted by our alumni (18-19 Batch) Mr. Ajay Mothe, Research scholar, Indian Institute of Space and science Technology, Trivandrum Ramtirth on 4/07/2020 via Zoom meeting Application. More than 95 students

attended.

4. Webinar on “Scope in Nano-Materials” was conducted by our alumni (2014-15 Batch) Mr. Kaustubh Kulkarni, PhD Candidate, Department of Materials Science and Engineering, McMaster University, Ontario, Canada; on 01/08/2020 via Zoom meeting Application. More than 25 students attended.

### Alumni Meet:

Under the Guidance of respected principal sir and HOD Ms. Deepthi Kulkarni, E&TC Department successfully conducted Virtual Alumni meet of all batches on 11th July 2020, Saturday at 4 pm. All alumni students of earlier batches attended the meet.



Virtual Alumni Meet

## ACADEMIC YEAR 2020-21

**Department: Mechanical Engineering**

**Research and Development**

**FDP/Workshop/Webinar/Organized**

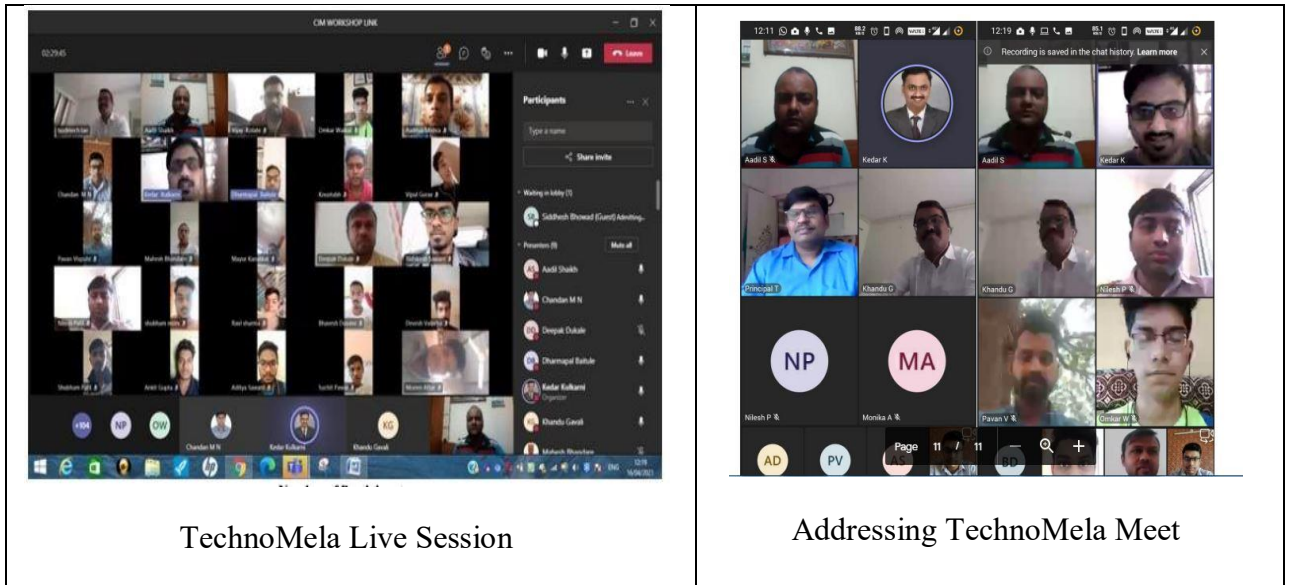
- The **TechnoMela** was organized on **15/4/2021 to 16/4/2021**

The inauguration of the program was done in presence of HOD Mechanical, faculty of Mechanical engineering department and all attendees. These two days program has 4 sessions, in those two days, two sessions per day and finally quiz and Feedback session at last.

Prof. M N Chandan successfully coordinated the event. The event was organized with an **objective of percolating recent trends in Mechanical Engineering to the diploma students**. The outcome of the event was as follows:

1. Total 250 students from various diploma colleges registered for **Technomela 20-21** for the Mechanical Department event

2. Overall, 199 students from various colleges took advantage of the workshop



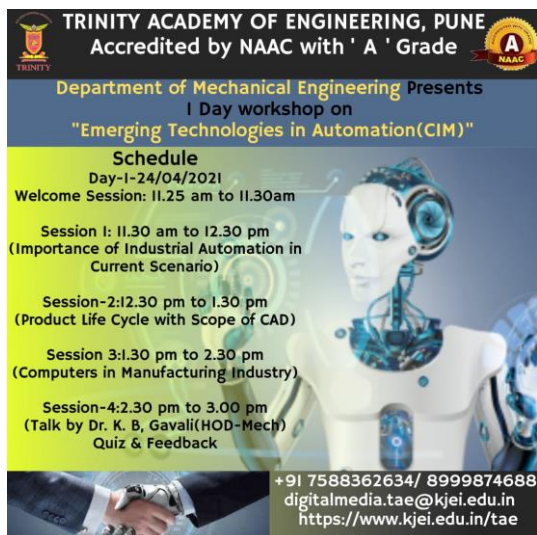
- The workshop on “**Emerging Technologies in Automation**” was organized on **24/04/2021**

The inauguration of the program was done in presence of HOD Mechanical, faculty of Mechanical engineering department and all attendees. These two days program has 3 sessions, in those two days, 2 sessions per day and finally a quiz and Feedback session at last.

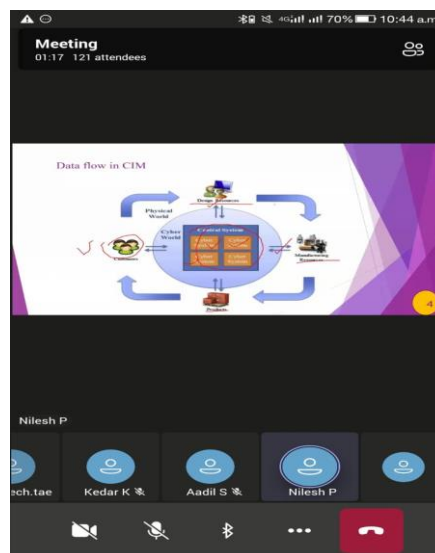
Prof. A C Shaikh successfully coordinated the event. The event was organized with an **objective of percolating Emerging Technologies in Automation in Mechanical Engineering to the diploma students**. The outcome of the event was as follows:

1. Total 119 students from Government College of Engineering, Amravati registered for the Mechanical Department event
2. All the students took advantage of workshop





Event Poster



Online Session

## FDP/Workshop Attended

- Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune, participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Sensors Technology" from 2020-11-3 to 2020-11-7 at Department of Physics, The University of Burdwan
- Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune, participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Control Systems & Sensors Technology" from 2020-8-17 to 2020-8-21 at Government College of Engineering, Srirangam
- Vijay Dilip Kolate of Trinity Academy of Engineering, Pune, has attended One Week National Level Workshop on "Digital Transformation & Pedagogies" organized during August 10-14, 2020, by Government College of Engineering, Karad & Walchand College of Engineering, Sangli, Sponsored by AICTE, New Delhi & TEQIP III)
- Vijay D. Kolate has participated in the AICTE AQIS Sponsored Short Term Training Programme on "Moral, Ethics and Values in Education" organised by the Department of Information Technology at Government Polytechnic, Nagpur conducted between 7th Sept 2020 - 12th Sept. 2020
- Dr K B Gavali Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Robotics from 21/9/2020 to 25/9/2020 at PSG College of technology
- Dr K B Gavali Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Leadership

- Kolate Vijay Dilip for successful completion of one-week Online Research Methodology Workshop held from 29th June to 04th July, 2020 Organized by G H Raisonni College of Engineering and Management, Pune
- Aphale Swarupa S, Assistant Professor of Trinity Academy of Engineering has attended One week FDP on “Recent Trends and Career Opportunities in HVAC”, organized by the Department of Mechanical Engineering, Dr D. Y. Patil Institute of Technology, Pimpri, Pune-18, in association with ISHRAE Pune Chapter, on 30/05/2020 to 03/06/2020
- Aphale Swarupa S, Assistant Professor of Trinity Academy of Engineering has completed One-week online training program on “Experiences in Solar Energy: Challenges & Opportunities” organized by Pimpri Chinchwad College of Engineering in association with School of Energy Studies, SPPU from 8th to 13th June 2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Soft Computing Techniques" from 2020-11-2 to 2020-11-6 at Dr S. & S. S. Ghandhy Government Engineering College
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making" from 2020-11-23 to 2020-11-27 at Manipal University Jaipur
- Chandan M N, for successful completion of one-week Online Research Methodology Workshop held from 29th June to 04th July, 2020 Organized by G H Raisonni College of Engineering and Management, Pune
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has successfully completed Five Days Faculty Development Program on “Recent Trends in Mechanical Engineering” organized by Department of Mechanical Engineering GHRCM, Pune from 13-08-2020 to 17-08-2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed Faculty Development Program on Introduction to Machine Learning, NPTEL September - December 2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed Faculty Development Program on Oil Hydraulics and Pneumatics, NPTEL January- April 2021

- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed FDP on Statistical Analysis of Quantitative Data using Advance Excel for Research Scholars, from 03-06-2020 to 04-06-2020
- Shaikh A. C., Assistant Professor of Trinity Academy of Engineering, Pune, attended 2 days online webinar on “Things to know about research paper writing and citation manager”, organized by Department of IT, PCCOE, Pune from 2nd June 2020 to 3rd June 2020
- Shaikh A. C., Assistant Professor of Trinity Academy of Engineering, Pune, participated in International webinar and Online FDP on “Usage of ICT tools for effective learning and evaluation”, organized by Department of CS, St. Joseph’s Degree and PG College Hyderabad from 1st June to 5th June 2020
- Shaikh A. C. Assistant Professor of Trinity Academy of Engineering, Pune, participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Electric Vehicles" at Hindustan Institute of Technology and Science from 2020-11-2 to 2020-11-6.
- Baitule D.A. Assistant Professor of Trinity Academy of Engineering, Pune, participated in the one-day Nodal Centre Orientation Workshop VLabs IITB: Nodal Centre Orientation Workshop

## MOUs

- Signed **MOU with Friends Union for Energising Lives to bridge the gap between Industry and Academia** on **22/11/2021**.
- Signed **MOU with GCOE Karad for Enriching the technical education process** on **11/12/2019**
- Signed **MOU with FMAE for setting up FMAE centre** on **8/2/2021**

## Faculty publications

### Dr Gavali Khandu B

1. **Dr K B Gavali** published a paper entitled "**Industrial Scheduling Case study on Job Shop Scheduling with Social Spider Optimization and Gray Wolf Optimization**" in PENSEE International JOURNAL,VOLUME 51 ISSUE 03 - 2021 PP 961-968

### Mr. Kolte Vijay D

1. **Mr. Vijay D. Kolate** and Dr. Sharad S. Mulik has Participated / Presented a paper entitled “Recent Trends in Mechanical Compliant Mechanism Amplifier: A Review Article” in National E-Conference on Research and Developments in Mechanical Engineering (NCRDME-2020) during 26th - 27th June, 2020 at Department of Mechanical Engineering, GHRCEM, Wagholi Pune
2. **Mr. Vijay D. Kolate**, Dr. Sharad S. Mulik, Dr. S.P. Deshmukh has Participated / Presented a paper entitled “Recent Trends in Mechanical Compliant Mechanism Amplifier: A Review Article” in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-2021) during 26th - 27th Feb. 2021 at Department of Mechanical Engineering, GHRCEM, Wagholi Pune

#### **Mr. Kulkarni Kedar M**

1. **Mr. K. M. Kulkarni**, Dr. A. R. Sahu, “A review on study of cotton yarn productivity with the effect of crop environment”, published in National E-Conference on Research & Development in Mechanical Engineering NCRDME-2020”, GHRCEM, Pune, June 2020
2. **Mr. K. M. Kulkarni**, Dr. A. R. Sahu, “Brief Overview on study of various parameters affecting the productivity of cotton yarn”, published in International Conference on Smart Technologies for Energy, Environment & Sustainable Development (ICSTEESD-20), GHRCEM, Nagpur, Dec 2020
3. **Mr. K. M. Kulkarni**, Dr. A. R. Sahu, “Overview of the Cotton Roving Process & Fault Detection Techniques in Yarn”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
4. Mr. Arbaz Nalband, Mr. Onkar Pawar, Mr. Prabhakar Pawar, Mr. Prashant Pawar and **Mr. K. M. Kulkarni**, “Optimization of Various Components of Roving machine by Using FEA Approach”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
5. Mr. Avadhut Sadawarte, Mr. Ammar Malik, Mr. Arqum Ansari, Mr. Aniket Nanotkar, Mr. Krishna Biradar and **Mr. K. M. Kulkarni**, “ Design & Development of Grinding Machine for Te Chaska Mix”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021

#### **Mr. Konde Shirish L**

1. **S. L. Konde**, Dr. N.U. Korde “A Review on Thermal energy storage system applied to HVAC components" published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021



### **Mr. Bhandare Mahesh A**

1. **Mahesh Bhandare**, Kirankumar Jagtap, Walmik S. Rathod, “Tribological behaviour of EN 31 bearing steel against AlTiN, ALCrN AND CrN coated high speed steel”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021

### **Mr. Chandan M N**

1. **Chandan M. N.**, Sharad Mulik, Nilesh Dhobale and R R.Arakerimath, “Fault diagnosis of drilling tool using vibration signals and Best first tree classifier” , published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
2. S.Bhikule, P Agarwal, V Sorate, A Kazi, **Chandan M N**,” Development and Fabrication of Stair Climbing Trolley”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
3. S.Bhikule, P Agarwal, V Sorate, A Kazi, **Chandan M N**,” Development and Fabrication of Stair Climbing Trolley”, published in International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume:03/Issue:05/May-2021

### **Mr. Dukale Deepak B**

1. **Mr. D. B. Dukale**, Mr Shubham Shinde, Mr Pratik Shinde, Mr Akshay Shirsat, Mr Hitesh Shedulkar " Design and Development of Multipurpose Agriculture Solar Machine" IJSRD, 2020
2. **Deepak B. Dukale**, Kirankumar Jagtap, Walmik S. Rathod, “FRICTION AND WEAR BEHAVIOUR OF TiN, TiCN AND WC/C COATED HIGH SPEED TOOL STEEL”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021

### **Mr. Kumbhakarna Dipesh D**

1. Purushotatam Thakur, Amandeep Rathor , Rohan Magdhum , Vaishnavi Taklikar , **Dipesh Kumbhakarna**, “Design and Manufacturing of Plastic Separator Machine using Conveyor” International Journal of Creative Research Thoughts | Vol. No. 8, July 2020 ISSN 2320-2882. PP 3044-3053

### **Mr. Patil Nilesh R**

1. Abhijeet Chavan Shubham, Nalavade Omkar, Nikude Vaibhavsing Rajput, **PATIL N. R.** 'OPTIMIZATION OF MILLING PARAMETERS OF FABRICATED GRPF COMPOSITE USING TAGUCHI', March 2021

#### **Mr. Shaikh Aadil C**

1. **Mr. Aadil C. Shaikh** and Dr. Premendra J. Bansod, "A Review of Battery Electric Vehicle Charging Technologies" presented in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
2. Miss Aiman Inamdar, Mr. Ashok Kumar Kumawat, Miss Manjiri Munjewar and **Mr. Mohd Aadil Shaikh**, "Design and Optimization of ceiling Fan Blades", presented in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
3. Mr. Pradeep D, Mr. Altaf B, Mr. Akshay A, Mr. Vikram A and **Mr. Mohd Aadil Shaikh**, "Energy absorption and response speed of composite/aluminium alloy coupling bumper in compact EV", presented in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021

#### **Mr. Pawar Kiran**

1. **Mr. Kiran P. Pawar**, Dr. S. D. Yadav, "Review on Effectiveness of Hydrogen Enrichment in CNG Fuelled SI Engine" Participated and Presented paper in International Conference on Efficient Engineering Systems 2020, ICEES-2020, organized by Association of Researchers held during 1st & 2nd Oct, 2020
2. **Kiran P. Pawar** and Sanjay D. Yadav, "Effectiveness of Hydrogen Enrichment in CNG Fuelled SI Engine: A Review", Efficient Engineering Systems: Volume 1 | ISBN: 978-81-948951-8-3 Book Series: Research Transcripts in Engineering | Vol: 01

#### **Faculties Remarkable Achievements**

Number of awards and recognitions received for extension activities from government / government recognized bodies during the year

Name of the Faculty, activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies	Year of award

Chandan M N, NPTEL Online Certification	Elite + Silver	Swayam, NPTEL	Dec, 2020
Aadil Shaikh, NPTEL Online Certification	Elite	Swayam, NPTEL	Dec, 2020
Mahesh Bhandare, NPTEL Online Certification	Elite	Swayam, NPTEL	Dec, 2020
Deepak Dukale, NPTEL Online Certification	Successfully Completed	Swayam, NPTEL	Dec, 2020
Chandan M N, NPTEL Online Certification	Successfully Completed	Swayam, NPTEL	Arpil, 2021
Deepak Dukale, NPTEL Online Certification	Elite	Swayam, NPTEL	Arpil, 2021

- Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune, participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Sensors Technology" from 2020-11-3 to 2020-11-7 at Department of Physics, The University of Burdwan
- Vijay D. Kolate, Assistant Professor of Trinity Academy of Engineering, Pune, participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Control Systems & Sensors Technology" from 2020-8-17 to 2020-8-21 at Government College of Engineering, Srirangam
- Vijay Dilip Kolate of Trinity Academy of Engineering, Pune, has attended One Week

National Level Workshop on "Digital Transformation & Pedagogies" organized during August 10-14, 2020, by Government College of Engineering, Karad & Walchand College of Engineering, Sangli, Sponsored by AICTE, New Delhi & TEQIP III)

- Vijay D. Kolate has participated in the AICTE AQIS Sponsored Short Term Training Programme on “Moral, Ethics and Values in Education” organised by the Department of Information Technology at Government Polytechnic, Nagpur conducted between 7th Sept 2020 - 12th Sept. 2020
- Dr K B Gavali Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Robotics from 21/9/2020 to 25/9/2020 at PSG College of technology
- Dr K B Gavali Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on Leadership Excellence from 07/9/2020 to 11/9/2020 at Utkal University
- Kolate Vijay Dilip for successful completion of one-week Online Research Methodology Workshop held from 29th June to 04th July, 2020 Organized by G H Rasoni College of Engineering and Management, Pune
- Aphale Swarupa S, Assistant Professor of Trinity Academy of Engineering has attended One week FDP on “Recent Trends and Career Opportunities in HVAC”, organized by the Department of Mechanical Engineering, Dr D. Y. Patil Institute of Technology, Pimpri, Pune-18, in association with ISHRAE Pune Chapter, on 30/05/2020 to 03/06/2020
- Aphale Swarupa S, Assistant Professor of Trinity Academy of Engineering has completed One-week online training program on “Experiences in Solar Energy: Challenges & Opportunities” organized by Pimpri Chinchwad College of Engineering in association with School of Energy Studies, SPPU from 8th to 13th June 2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "Soft Computing Techniques" from 2020-11-2 to 2020-11-6 at Dr S. & S. S. Ghandhy Government Engineering College
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune. participated & completed successfully AICTE Training and Learning (ATAL) Academy Online FDP on "ROAD - Response Effectiveness, Organising Self, Attitudinal Shift, Decision Making" from 2020-11-23 to 2020-11-27 at Manipal University Jaipur
- Chandan M N, for successful completion of one-week Online Research Methodology



Workshop held from 29th June to 04th July, 2020 Organized by G H Raisoni College of Engineering and Management, Pune

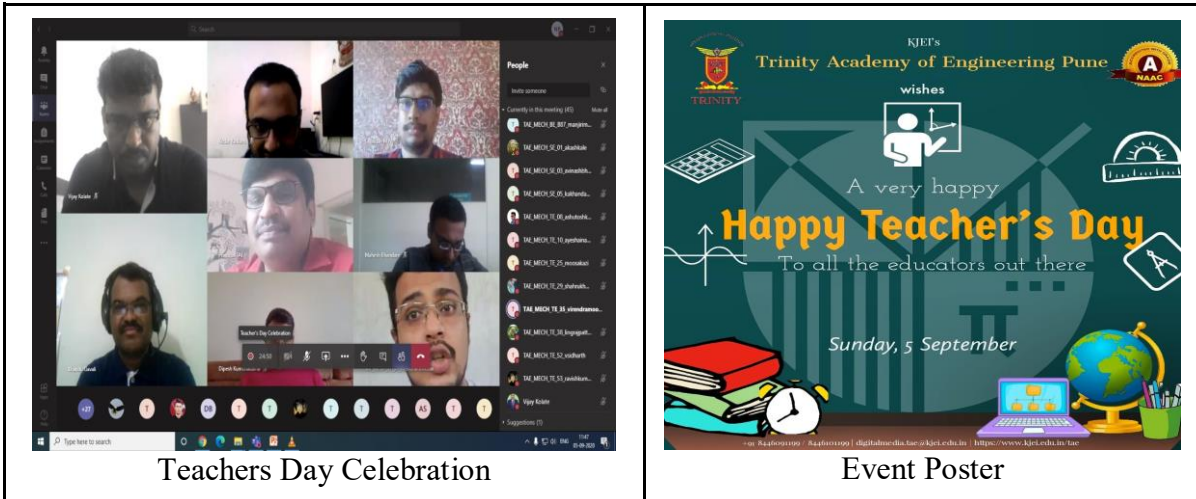
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has successfully completed Five Days Faculty Development Program on “Recent Trends in Mechanical Engineering” organized by Department of Mechanical Engineering GHRCM, Pune from 13-08-2020 to 17-08-2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed Faculty Development Program on Introduction to Machine Learning, NPTEL September - December 2020
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed Faculty Development Program on Oil Hydraulics and Pneumatics, NPTEL January- April 2021
- Chandan M N, Assistant Professor of Trinity Academy of Engineering, Pune has completed FDP on Statistical Analysis of Quantitative Data using Advance Excel for Research Scholars, from 03-06-2020 to 04-06-2020
- Shaikh A. C., Assistant Professor of Trinity Academy of Engineering, Pune, attended 2 days online webinar on “Things to know about research paper writing and citation manager”, organized by Department of IT, PCCOE, Pune from 2nd June 2020 to 3rd June 2020
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- Baitule D.A. Assistant Professor of Trinity Academy of Engineering, Pune, participated in the one-day Nodal Centre Orientation Workshop VLabs IITB: Nodal Centre Orientation Workshop

## **Student Development and Welfare**

1. Shabbir Vapra has successfully completed Online Certification with Elite + Silver from

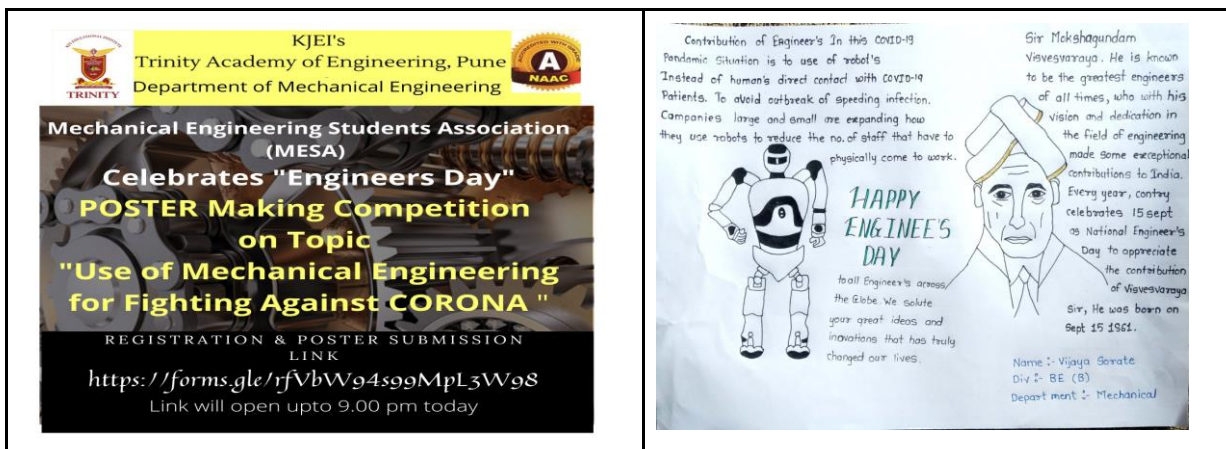
- Students Association

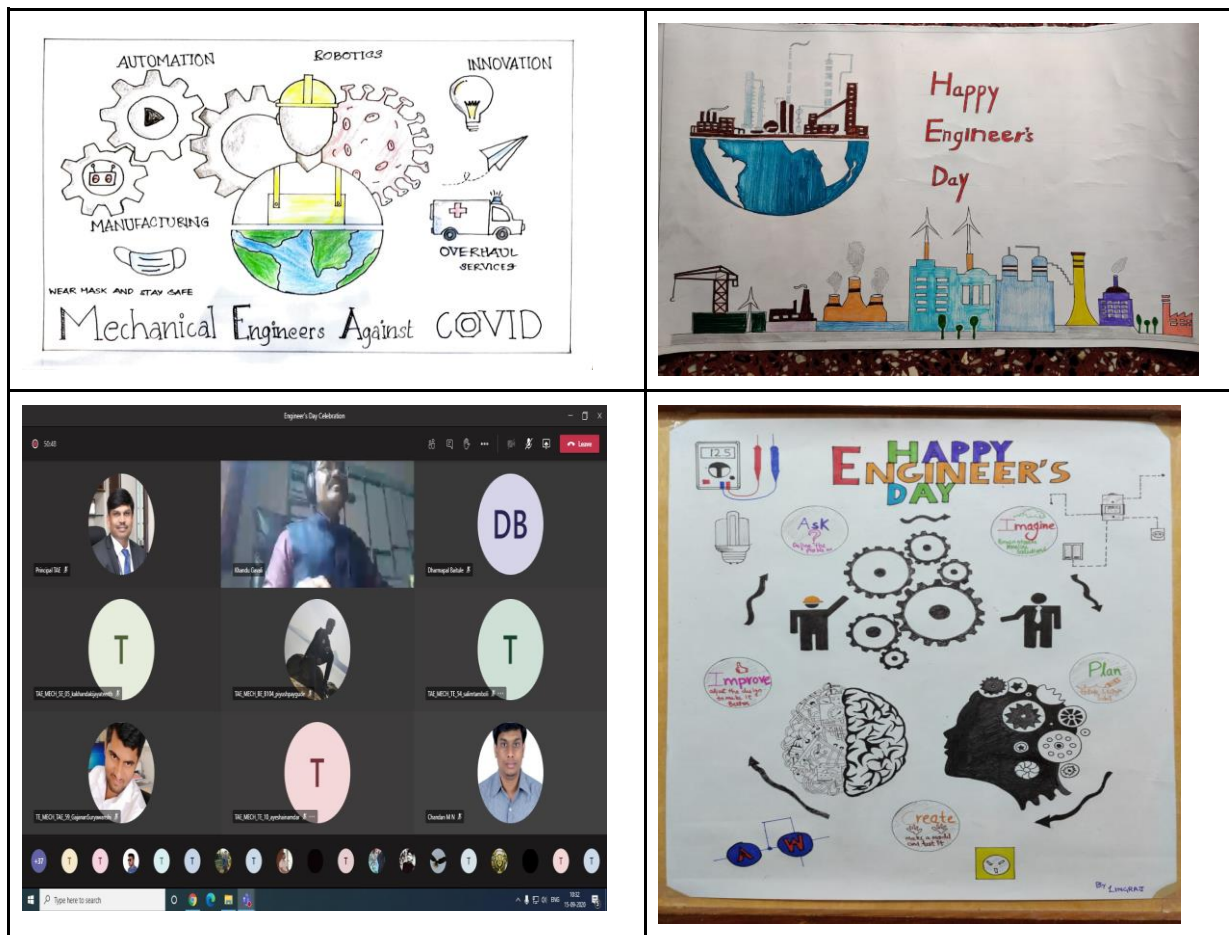
A. The Program was arranged by the students of the All-Year Mechanical Department. The initiative was taken by the MESA Coordinators Mr. Sharukh Khan on behalf of all students under the guidance of Prof. D.A.Baitule.



B. The Program was arranged by the students of the Third Year Mechanical Department. The initiative was taken by the MESA Coordinators Mr. Sharukh Khan on behalf of all students under the guidance of Prof. D.A.Baitule. All MESA coordinators conducted a poster making competition on Topic “ Use of Mechanical Engineering For fighting Against CORONA” on that day Engineers Day

Engineers Day Celebration Photographs:





## Student Chapter

### A. SAE India Collegiate Club Registration

- The club was formed on 18th August 2020 and total 54 registrations were done by students of Mechanical Engineering
- SAE BAJA Competition was held virtually whose preliminary round was on 13th and 14th December 2020 in which our team scored 60.5 out of 100
- Static and virtual Dynamic Round of SAE BAJA Competition was held on 22nd to 25th April 2021, in which our team stood 91st out of 201 teams overall

### B. Guest Lecture

- Guest Lecture on “How to write a Research Paper” by Dr N J Uke Principal TAE, Pune (Date: 17<sup>th</sup> May 2021)
- Trinity Academy of Engineering, in association with NSE Mumbai has organised a webinar on Capital Market & Investor Awareness on 14/9/20 by Sudhakar Kulkarni

### C. Seminars

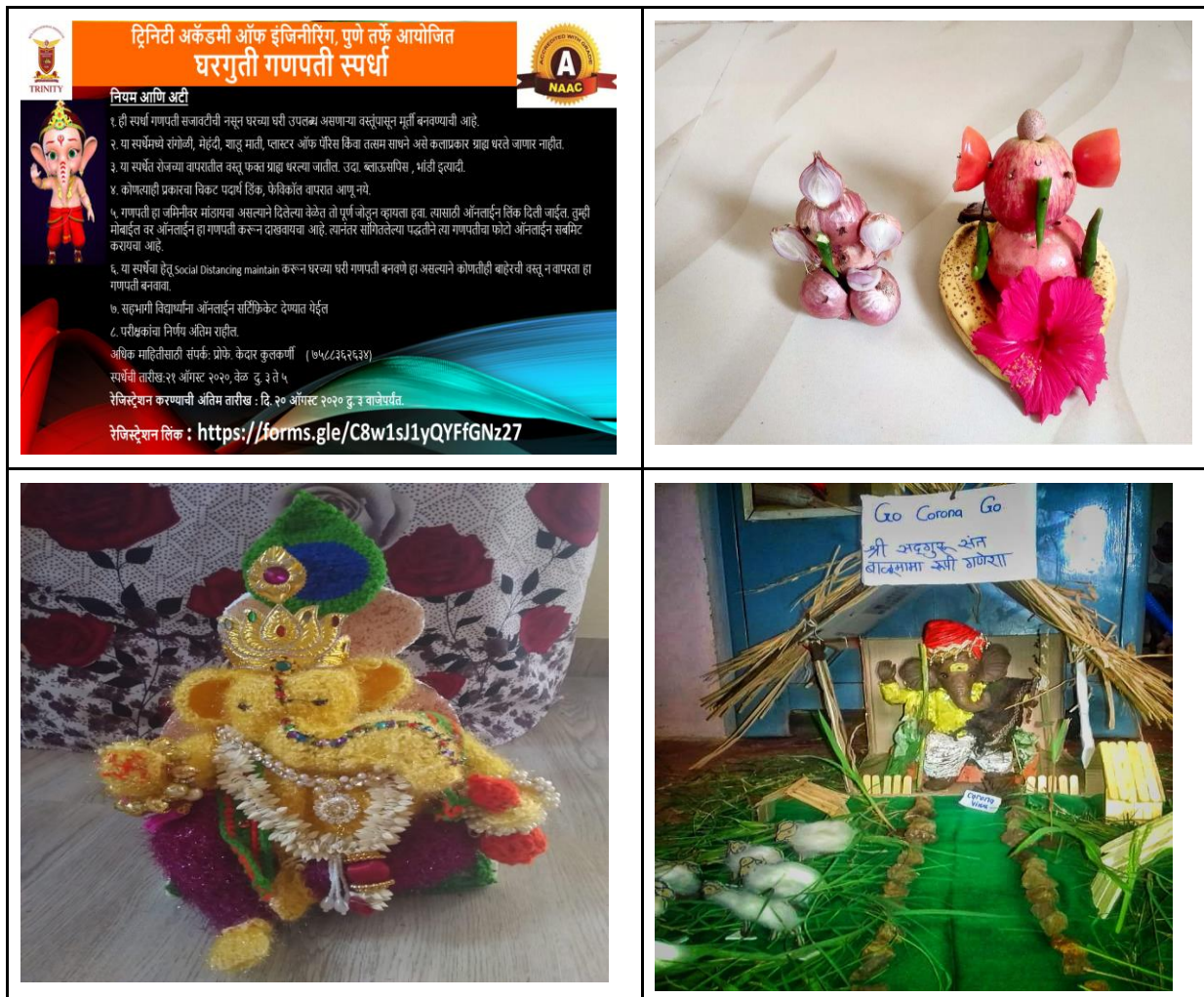


- Project and project-based seminar (Final Year Engineering Projects) on 10 March 2021 by Dr N. J. Uke Principal TAE, Pune
- BE Projects - Mathematical modelling and analysis and Design by Dr N. J. Uke Principal TAE, Pune
- Writing my (Frist) Paper/ Article (guidelines for seminar-based paper) by Dr N. J. Uke Principal TAE, Pune

#### D. Workshops:

- Cultural Club organized the program of Ganesh Idol Making Competition on the occasion of Ganesh Chaturthi on 23/08/2020, All 35 register students were invited to for competition through Google Forms

Ganesh Idol Making Competition Photographs:



- Cultural Club organized the program of the E-Drawing Competition on the occasion of Kranti din on 10/08/2020, All registered students were invited to for E-Drawing Competition through Google Forms

Poster Making Competition Photographs



## Technical Events

### A. Parents Meet:

#### Parent Teacher Meet: (19/07/2020)

The Mechanical department has arranged Parent –Student -Teacher Meet 2k20 on 19/07/2020 Saturday at 10 am.

All Final year students & their Parents were invited to Google meet with SMS & Personal calling invitation; Class Teacher of Division A Mr. N R Patil coordinated this meet with the help of Class Teacher of Div B Mr. K M Kulkarni and other faculties of department.

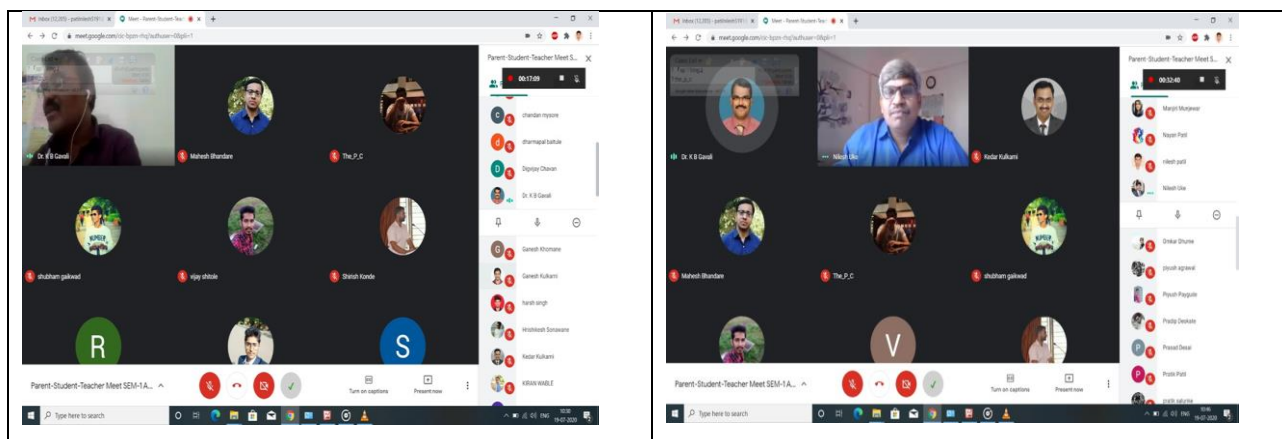
Meeting started and welcome speech given by Mr. M A Bhandare as academic coordinator. Meet inaugurated with Saraswati Pujan and guru Vandana. Later Dr. K. B. Gavali addressed the meeting and expressed gratitude to the parents & students. Parents were guided about taking the Online admission & Online platform of “Microsoft Teams” for the Teaching-Learning process.



TG Batch	Faculty	Batch wise No. of Present Parents	Class wise Present No. Parents
A1	Mr. M. A. Bhandare	10	30 (Div-A)
A2	Mr Chandan M N	12	
A3	Mr. S. L. Konde	8	
B1	Mr. N. R. Patil	10	32 (Div-B)
B2	Mr. K. M. Kulkarni	13	
B3	Mr. V.D. Kolate	9	

Total 62 parents were present with students. The Question answer session was conducted nicely. Program ended with closing remarks and vote of thanks given by Mr. D. A. Baitule sir. Everyone enjoyed the meet

Photographs:



Feedback of Parents:

- Online Learning is best in this pandemic situation.
- Meeting was very good. Thank you all.
- Attendance monitoring should be conveyed to parents.
- Placement of their ward should be done as per previous year.

- Arrange such meetings in a month to know the progress of their ward.

#### **Parent Teacher Meet: (12/09/2020)**

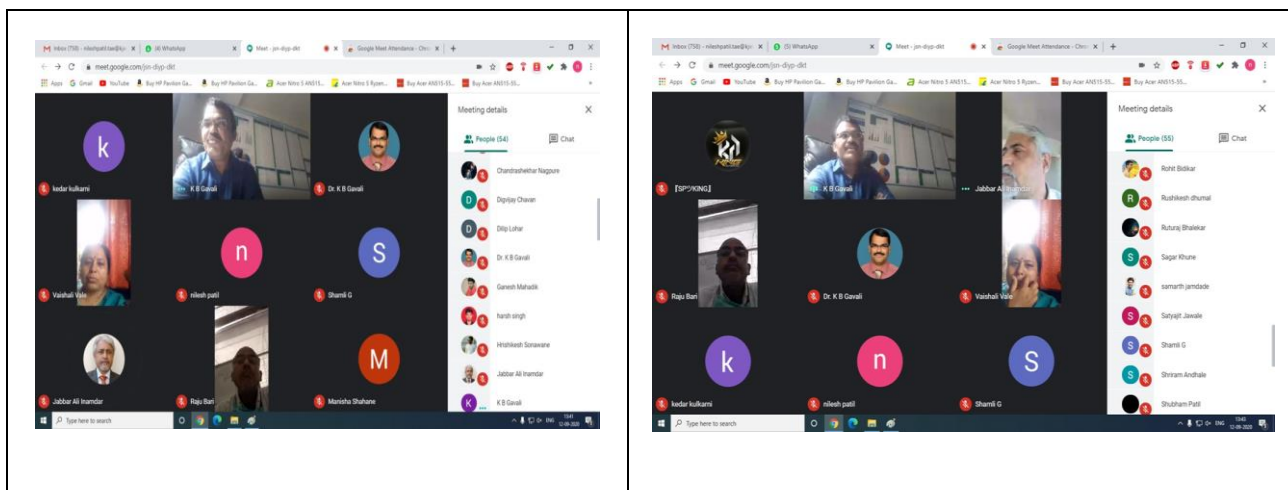
The Mechanical department has arranged the 2nd Parent –Student -Teacher Meet 2k20 on 12/09/2020 Saturday at 1.30 PM.

All Final year students & their Parents were invited to Google meet with SMS & Personal calling invitation; Class Teacher of Division A Mr. N R Patil coordinated this meet with the help of Class Teacher of Div B Mr. K M Kulkarni and other faculties of department.

Meeting started and a welcome speech given by Mr. K. M. Kulkarni. Meet inaugurated with Saraswati Pujan and guru Vandana. Later Dr. K. B. Gavali addressed the meeting and expressed gratitude to the parents & students. Parents were informed about attendance, unit test results and university results of their wards.

The Batch wise count of Parents Present:

<b>TG Batch</b>	<b>Faculty</b>	<b>Batch wise No. of Present Parents</b>	<b>Class wise Present No. Parents</b>
A1	Mr. M. A. Bhandare	7	25 (Div-A)
A2	Mr Chandan M N	10	
A3	Mr. S. L. Konde	8	
B1	Mr. N. R. Patil	7	26 (Div-B)
B2	Mr. K. M. Kulkarni	12	
B3	Mr. V.D. Kolate	7	



### Feedback of Parents:

- Online Learning is best in this pandemic situation.
- College prepared well for handling covid situation
- Internships should be provided to eligible students
- Placement of their ward should be done as per previous year.
- Arrange such meetings in a month to know the progress of their ward.
- Meeting was very good. Thank you all.

### B. Higher studies in various universities

1. Mr. Mohammad Nabeel Sohail from Mechanical Engineering has got admission in M. Tech (Mechanical) at Shreeyash College Of Engineering And Technology, Aurangabad.
2. Shaikh Adnan Mohd Siddique from Mechanical Engineering has got admission in ME Mechanical Engineering(Product Design & Dev.) at Bharati Vidyapeeth College of Engineering, Navi Mumbai.

### C. GATE/GRE/TOFEL/MPSC/UPSC/CDS/Defence

1. Singh Harsh Kumar Omprakash has appeared in GATE 2021 exam and scored 29.82 marks
2. Inamdar Aiman has appeared in GATE 2021 exam and scored 20 marks

### Student Achievements:

State level Ganesh Idol Making Competition Winners

Name of Winner	Rank
----------------	------

MS. KHEDKAR PRADNYA ANKUSH	FIRST
GULAVANI VAISHNAVI SANTOSH	SECOND
PRATIKSHA SANTAJI PATIL	THIRD
BHALERAO RUTUJA GAUTAM	FORTH
AISHWARYA PRAFULLA AGWEKAR	FIFTH

#### Institute level Kranti Din (Drawing Competition)

Name of Winner	Rank
PRADNYA ANKUSH KHEDKAR	FIRST
RUTUJA CHARUDATT MAHAMUNI	SECOND
YADAV RAHUL ANIL	THIRD
RAHUL VIJAY KUMBHAR	FORTH
SALUNKE PRATIK RAJENDRA	FIFTH

#### Student Publications:

- Mr. Arbaz Nalband, Mr. Onkar Pawar, Mr. Prabhakar Pawar, Mr. Prashant Pawar and Mr. K. M. Kulkarni, “Optimization of Various Components of Roving machine by Using FEA Approach”, published in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
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- S.Bhikule, P Agarwal, V Sorate, A Kazi, Chandan M N,” Development and Fabrication of Stair Climbing Trolley”, published in International Research Journal of Modernization in Engineering Technology and Science, e-ISSN: 2582-5208, Volume:03/Issue:05/May-2021
- Purushotatam Thakur, Amandeep Rathor, Rohan Magdhum, Vaishnavi Taklikar, Dipesh Kumbhakarna, “Design and Manufacturing of Plastic Separator Machine using Conveyor” International Journal of Creative Research Thoughts | Vol. No. 8, July 2020 ISSN 2320-2882. PP 3044-3053
- Abhijeet Chavan Shubham Nalavade Omkar Nikude Vaibhavsing Rajput PATIL N.R 'OPTIMIZATION OF MILLING PARAMETERS OF FABRICATED GRPF

## COMPOSITE USING TAGUCHI'

- Miss Aiman Inamdar, Mr. Ashok Kumar Kumawat, Miss Manjiri Munjewar and Mr. Mohd Aadil Shaikh, "Design and Optimization of ceiling Fan Blades", presented in International E-Conference on Intelligent Mechanical Systems for Industry 4.0 (ICIMSI-21), GHRCEM, Pune, Feb 2021
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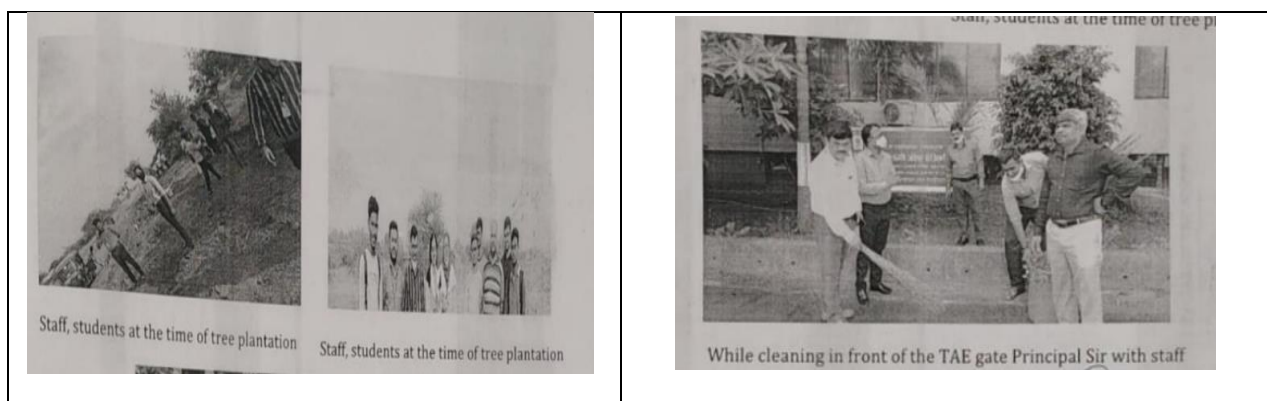
## • Social Concern/ activities

Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the year				
Number of students participating in extension activities at 3.3.3. above during the year				
Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
Facets of Women Empowerment webinar	Internal Complaint Committee of Trinity Academy of Engineering, Pune	Gender issues	12 October 2020	Live on Facebook
International Men's Day	Internal Complaint Committee of Trinity Academy of Engineering, Pune	Gender issues	19 November 2020	50
Swachhata Abhiyaan Week	NSS, Trinity Academy of	Swachhata Abhiyaan	01-08-2021 to 15-08-2021	120



	Engineering			
NSS Day Quiz Competition	NSS, Trinity Academy of Engineering	Ministry of Youth Affair & Sports	24-09-2021	144
Swachhata Sankalp Abhiyaan & Tree Plantation	NSS, Trinity Academy of Engineering	Swachhata Abhiyaan	30-11-2021	135

NSS Photographs:



## ACADEMIC YEAR 2020-21

**Department: Training and Placement**

**A) Contents:-**

- 1) T&P Activities
- 2) MoU Signed
- 3) % Placement VS Enrollments.
- 4) List of placed students.
- 5) List of Companies Visited.

**T & P Activities:**

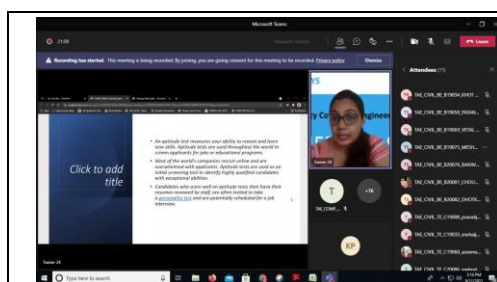
**1. T&P Activities**

Sr. No.	Details of Activity	Name of Organization	Date	Students Benefited
1	Industry Expectations	Inhouse-TPO	06-08-2020	BE E&TC

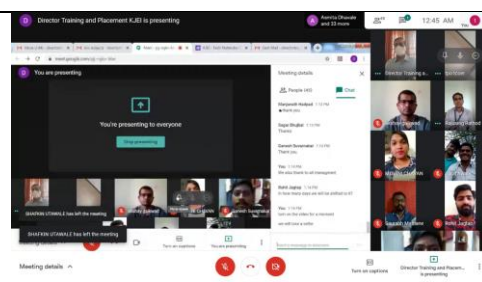
2	Industry Expectations	Inhouse-TPO	07-08-2020	BE Mech
3	Ration Kit Distribution to COVID Affected students	GTT Foundation	03-08-2020	SE, TE and BE 2021
4	Zensar Mock Test	Aptitech Academy	07-08-2020	TE Comp, E&TC
5	How to Crack Google Cloud Internships	Inhouse-TPO	06-08-2020	BE Comp, E&TC
6	Workshop on Python	Profound	25/8 to 28/8/2020	BE Comp, E&TC
7	Aptitude Assessment Test	First Naukri	21-08-2020	BE Comp, E&TC
8	Persistent Company Specific Test	Aptitech	31-08-2020	BE Comp, E&TC
9	CSR Training on Aptitude and Python	Atos syntel	18-09-2020	BE All Branch
10	Webinar: Building a Strong Resume	NxtWave	10-09-2020	BE All Branch
11	Rural Entrepreneurship Development	Mahatma Gandhi Rural Council	26/9/2020 to 31/9/2020	All TPCS
12	Aptitude and Soft Skill Training	BR Finsihing School	10/10/2020 to 23/10/2020	BE All Branch
13	SQL/PL-SQL - Zensar ESD 2022 batch training	RPG Foundation	21/10/21 to 31/10/21	BE Comp, E&TC
14	BARCLAYS CONNECT WITH WORK -GTT	GTT Foundation	7/1/2021 to 12/1/2021	BE All Branch
15	HackWithInfy 2021:	Infosys	20-04-2021	BE All Branch

	Interact with Infosys leaders in Live Q&A session			
16	Resume building Workshop for Final & Pre-Final Year Students	Campus Hyre	19-06-2021	BE All Branch
17	ESD Online assessment	Zensar ESD	20-07-2021	BE Comp, E&TC
18	AICTE-NEAT- Invitation to join an interaction session on "Industry Connect: Opportunities for Institutes to Collaborate with Industries"	AICTE	22/7/2021	All TPCS

**\*\*Department events or initiatives related to T & P with details and photos**



**BARCLAYS CONNECT WITH WORK -GTT**



**How to Crack Google Cloud Internships**



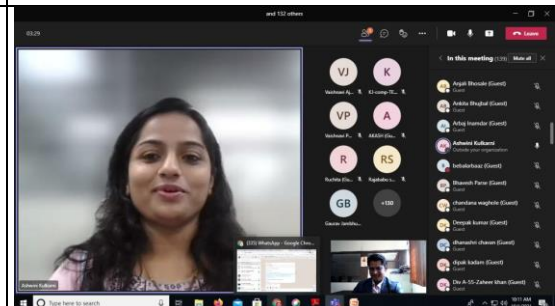
**Resume building Workshop for Final & Pre-Final Year Students**



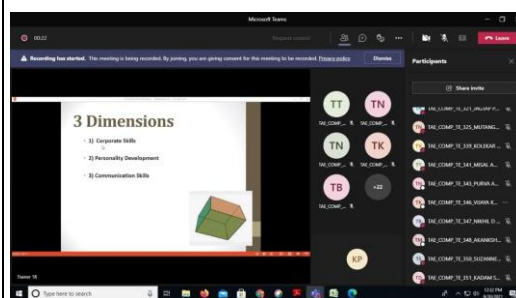
**Zensar ESD Online Assessment**



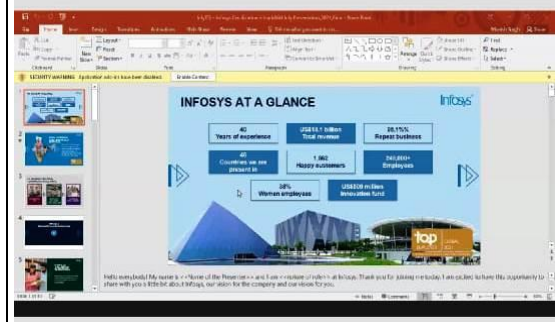
**Aptitude and Soft Skill Training**



**CSR Training on Aptitude and Python**



**SQL/PL-SQL - Zensar ESD 2022 batch training**



**HackWithInfy 2021: Interact with Infosys leaders in Live Q&A session**



## 2. MoU Signed

Sr. No.	Name of Organisation	Date	Objectives
1	Evolving X	28-09-2020	ESD Program
2	MACCIA	31-03-2021	Sponsored Project

## Placement details:

### 3. % Placement Vs Enrollments Branch Wise

TAE	Enrl	Reg. for Place	Placed	% Placed
Civil	105	50	44	42%
Comp	55	55	94	100%
E&TC	14	10	8	57%
Mechanical	90	90	89	99%
Grand Total	264	205	235	89%



#### 4. List of placed students with name of company and package.

Sr. No.	Name of Student	Stream	Name of Company	Package ( LPA)	Batch
1	Navgire Sachin	Mech	L&T India	8	2020-21
2	Nabeel Mohammad	Comp	Planet Spark	7.1	2020-21
3	Insharah Shaikh	Comp	Planet Spark	7.1	2020-21
4	Suraj Kumbhar	Mech	Planet Spark	7.1	2020-21
5	Piyush Paygude	Mech	Cognizant	7	2020-21
6	Akash Padwal	Comp	Eaton	6	2020-21
7	Gaikwad aniket shahaji	Mech	Jagson International Limited	6	2020-21
8	Khadse gajanan madhav	Mech	Blue Star Ltd	6	2020-21
9	Jadhav rushikesh popat	Mech	Cummins Pvt Ltd	5.2	2020-21
10	Vale prathmesh sunil	Mech	HDB Financial Service Ltd	5	2020-21
11	Ashish vijay patole	Mech	Yes Homes Pvt Ltd	4.8	2020-21
12	Wable amol balaso	Mech	WIKA Instrument India Pvt. Ltd	4.8	2020-21
13	Shohel Shaikh	Comp	Mphasis	4.6	2020-21
14	Amit Rathod	Comp	Accenture	4.5	2020-21
15	Harsh Shah	Comp	Accenture	4.5	2020-21

16	Neel Rajgor	Comp	Crest Data System	4.5	2020-21
17	Vinayak Tupe	Comp	Accenture	4.5	2020-21
18	ASHOK KUMAR	Mech	Brigisha Technogiles	4.5	2020-21
19	Salman Shabibi	Civil	Pinclick	4	2020-21
20	Onkar Shekade	Civil	Pinclick	4	2020-21
21	Mangalsing Solanke	Civil	Pinclick	4	2020-21
22	Akshay Shitole	Civil	Pinclick	4	2020-21
23	Akash Wade	Civil	Pinclick	4	2020-21
24	Sudarshan Girme	Civil	Pinclick	4	2020-21
25	Akshay Jambhulkar	Civil	Pinclick	4	2020-21
26	Faizan Parande	Civil	Pinclick	4	2020-21
27	Tushar Gaikwad	Comp	TresVista	4	2020-21
28	Siddhesh Jadhav	Comp	TresVista	4	2020-21
29	Nabeel Mohammad	Mech	Pinclick	4	2020-21
30	Pradip Deokate	Mech	Pinclick	4	2020-21
31	Harsh Singh	Mech	Pinclick	4	2020-21
32	Amit Mande	Mech	Pinclick	4	2020-21
33	Shipra Banerjee	Comp	Infosys	4	2020-21
34	Priyanka Hallale	Comp	Capegemini	4	2020-21
35	Sadanand Jagtap	Comp	Capegemini	4	2020-21

36	Vedant Jagtap	Comp	Capegemini	4	2020-21
37	Omkar Gujar	Comp	Capegemini	4	2020-21
38	Rusha Rajan Waghmare	Comp	Capegemini	4	2020-21
39	Sakshi Gaikwad	Comp	Capegemini	4	2020-21
40	Rohan Bhalerao	Comp	Zensar	4	2020-21
41	Swaroop Kanse	E&TC	Zensar	4	2020-21
42	Rawale amit rohit	Mech	Infinite Graphix Technologies Pvt. Ltd	4	2020-21
43	Kadam akshay dilip	Mech	R. S. S. Enterprises	4	2020-21
44	Neha Jagdale	E&TC	Cognizant	4	2020-21
45	Tushar Gaikwad	Comp	Zycus	3.85	2020-21
46	Ashok Kumar Kumawat	Mech	Only B2B Bytes Ltd	3.8	2020-21
47	Aishwarya Kardile	Comp	Infosys	3.6	2020-21
48	Amit Rathod	Comp	Infosys	3.6	2020-21
49	Harsh Shah	Comp	Infosys	3.6	2020-21
50	Vinayak Tupe	Comp	Capgemini	3.6	2020-21
51	Juveriya Nadaf	Comp	Mphasis	3.6	2020-21
52	Devanand Kidile	Comp	Birlasoft	3.6	2020-21
53	NIRMALE AKSHAY VILAS	Mech	Tata Motors	3.6	2020-21

54	Adarsh Pawar	Comp	Tudip Technologies	3.5	2020-21
55	Biraj Sarkar	Comp	Tudip Technologies	3.5	2020-21
56	Bibek Sarkar	Comp	Tudip Technologies	3.5	2020-21
57	Sneha patil	Comp	Zensoft Services	3.5	2020-21
58	Tejashwini Nikam	Comp	Zensoft Services	3.5	2020-21
59	Harsh Shah	Comp	Zensoft Services	3.5	2020-21
60	Vinayak Tupe	Comp	Zensoft Services	3.5	2020-21
61	Rohit Saggam	Comp	Hexaware	3.5	2020-21
62	Suraj Salunkhe	Comp	Preminds Solutions	3.5	2020-21
63	Ravindra Vasave	E&TC	Capgemini	3.5	2020-21
64	Neel Rajgor	Comp	Chegg India	3	2020-21
65	Shipra Banerjee	Comp	Chegg India	3	2020-21
66	Insharah Shaikh	Comp	Chegg India	3	2020-21
67	Biraj Sarkar	Comp	Chegg India	3	2020-21
68	Amit Rathod	Comp	Eclerx	3	2020-21
69	Arbaz nalband	Mech	Chegg India	3	2020-21
70	Manjiri Munjewar	Mech	Chegg India	3	2020-21
71	Viabhav Jagtap	Mech	Chegg India	3	2020-21
72	ASHOK KUMAR	Mech	HireSKP HR Solutions	3	2020-21
73	Sameer Shaikh	Civil	Qspider	3	2020-21

74	Onkar Shekade	Civil	Edzeal	3	2020-21
75	Akshay Sargar	Civil	Edzeal	3	2020-21
76	Juveriya Nadaf	Comp	Qspider	3	2020-21
77	Insharah Shaikh	Comp	Qspider	3	2020-21
78	Roshani Kale	Comp	Qspider	3	2020-21
79	Akash Padwal	Comp	Qspider	3	2020-21
80	Pooja Tilekar	Comp	Qspider	3	2020-21
81	Neel Rajgor	Comp	Qspider	3	2020-21
82	Priyanka Hallale	Comp	Qspider	3	2020-21
83	Omkar Bhise	Comp	Qspider	3	2020-21
84	Shahid Khan	Comp	Qspider	3	2020-21
85	Gaurav Yadav	Civil	Qspider	3	2020-21
86	Devanand Kidile	Comp	Qspider	3	2020-21
87	Tushar Gaikwad	Comp	Qspider	3	2020-21
88	Rohit Kadam	Comp	Qspider	3	2020-21
89	Azhar Hakim	Comp	Qspider	3	2020-21
90	Reshma Katake	Comp	Qspider	3	2020-21
91	Pranav Enpure	Comp	Qspider	3	2020-21
92	Mandar Pimparkar	Comp	Qspider	3	2020-21
93	Ruturaj Bhalekar	Mech	Qspider	3	2020-21



94	Rohit Saggam	Comp	Qspider	3	2020-21
95	Sayali Khaire	E&TC	Qspider	3	2020-21
96	Swaroop Kanse	E&TC	Qspider	3	2020-21
97	Sachin Dhane	E&TC	Qspider	3	2020-21
98	Piyush Paygude	Mech	Qspider	3	2020-21
99	Aiman J Inamdar	Mech	Qspider	3	2020-21
100	Shubham Vinod Kalmegh	Mech	Qspider	3	2020-21
101	ASHOK KUMAR	Mech	Birlasoft	3	2020-21
102	ANSARI MOHAMMED ARQUM	Mech	Qspider	3	2020-21
103	Manjiri Munjewar	Mech	Qspider	3	2020-21
104	Ganesh Kulkarni	Mech	Edzeal	3	2020-21
105	Mohammad Nabil	Mech	Edzeal	3	2020-21
106	Suraj Kumbhar	Mech	Edzeal	3	2020-21
107	Nikhil Kharawade	Mech	Qspider	3	2020-21
108	Vijaya Sorate	Mech	Flextronics	3	2020-21
109	SADAWARTE AVADHUT MUKUND	Mech	Dhuva Automation and Controls Pvt Ltd	3	2020-21
110	Amit Rathod	Comp	I Birds	2.8	2020-21
111	Zohra Kazi	Comp	Coral Billing Pvt. Ltd.	2.8	2020-21

112	Azhar Hakim	Comp	Pioneer Technologies	2.8	2020-21
113	BIDIKAR ROHIT PARASHURAM	Mech	Force Motors	2.8	2020-21
114	BIRADAR KRISHNA SURESH	Mech	Yashaswi Academy for Skills	2.8	2020-21
115	GURAV ANIKET MAHENDRA	Mech	ATTUS Industries	2.8	2020-21
116	KULKARNI GANESH SURESHRAO	Mech	Force Motors	2.8	2020-21
117	BIRADAR SHEKHAR UMAKAN	Mech	Force Motors	2.8	2020-21
118	Insharah Khalil Shaikh	Comp	HCL	2.7	2020-21
119	Rohit Manohar Saggam	Comp	HCL	2.7	2020-21
120	Tushar Gaikawad	Comp	HCL	2.7	2020-21
121	Neel Rajgor	Comp	HCL	2.7	2020-21
122	Mandar Mahesh Pimparkar	Comp	HCL	2.7	2020-21
123	Purushottam Navin Thakur	Mech	HCL	2.7	2020-21
124	Zohra Kazi	Comp	HCL	2.7	2020-21
125	Juveriya Yunus Nadaf	Comp	HCL	2.7	2020-21
126	Rajshekhar Dhanraj Swami	Comp	HCL	2.7	2020-21

127	Priyanka Nagnath Hallale	Comp	HCL	2.7	2020-21
128	Mandar Pimparkar	Comp	Tech Mahindra	2.5	2020-21
129	Insharah Shaikh	Comp	Tech Mahindra	2.5	2020-21
130	Harsh Shah	Comp	Afitech	2.5	2020-21
131	Pradip Deokate	Mech	Craft and Technik	2.5	2020-21
132	Sagar Ghone	Mech	Meritech	2.5	2020-21
133	Insharah Shaikh	Comp	List Engage	2.5	2020-21
134	Aniruddha Dixit	Mech	Pentagon Space	2.5	2020-21
135	shekhar biradar	Mech	Pentagon Space	2.5	2020-21
136	Omkar Bhise	Comp	Pentagon Space	2.5	2020-21
137	Manjiri Munjewar	Mech	Pentagon Space	2.5	2020-21
138	Vedant Jagtap	Comp	Pentagon Space	2.5	2020-21
139	Ashok Kumar	Mech	Pentagon Space	2.5	2020-21
140	Ganesh Kulkarni	Mech	Craft and Technik	2.5	2020-21
141	Manjiri Munjewar	Mech	Dhoot Transmission	2.5	2020-21
142	Vaibhav Vilas tribhuwan	Mech	Dhoot Transmission	2.5	2020-21
143	Lokhande Sunil Mohanrao	Mech	Dhoot Transmission	2.5	2020-21
144	Aditya Rajendra Landge	Mech	Dhoot Transmission	2.5	2020-21

145	Saurabh Gopal Dudhabade	Mech	Dhoot Transmission	2.5	2020-21
146	Yogesh Dahake	Mech	Dhoot Transmission	2.5	2020-21
147	Pratik wagh	Mech	Dhoot Transmission	2.5	2020-21
148	Sahar Dhokle	Mech	Dhoot Transmission	2.5	2020-21
149	Deepali Bhalerao	Mech	Dhoot Transmission	2.5	2020-21
150	Sagar Raju pol	Mech	Dhoot Transmission	2.5	2020-21
151	Prabhakr Pawar	Mech	Dhoot Transmission	2.5	2020-21
152	Prashant Pawar	Mech	Dhoot Transmission	2.5	2020-21
153	Rutuja Mahamuni	Civil	Pinclick	2.2	2020-21
154	Neha Jagdale	E&TC	Pinclick	2.2	2020-21
155	Mr.Akshay R. Shitole	Civil	Cicom Consultants Pvt Ltd	2.2	2020-21
156	Akash Padwal	Comp	Athasya Solutions	2	2020-21
157	Dayanand More	Comp	Eduplus Campus	2	2020-21
158	Amit Rathod	Comp	Ecosmob Tech	2	2020-21
159	PAYGUDE PIYUSH SANJAY	Mech	SEIMITSU Factory Automation Pvt. Ltd.	2	2020-21
160	PAWAR PRABHAKAR KESHAV	Mech	SEIMITSU Factory Automation Pvt. Ltd.	2	2020-21
161	PAWAR PRASHANT KESHAV	Mech	SEIMITSU Factory Automation Pvt. Ltd.	2	2020-21

162	SORATE VIJAYA JITENDRA	Mech	SEIMITSU Factory Automation Pvt. Ltd.	2	2020-21
163	Ganesh Kulkarni	Mech	Force Motors	1.8	2020-21
164	Ganesh Kumbhar	Mech	Fukaku	1.8	2020-21
165	Pradip Deokate	Mech	Ultra Engg	1.8	2020-21
166	Shubham Lambe	Mech	Sharayu Engg	1.5	2020-21
167	Shubham Gaikwad	Mech	Sharayu Engg	1.5	2020-21
168	Digivjay Chavan	Mech	Sharayu Engg	1.5	2020-21
169	Yash Shahane	Mech	Sharayu Engg	1.5	2020-21
170	Shekhar umakant Biradar	Mech	Preminds Solutions	1.2	2020-21
171	Jagtap Vaibhav Bharat	Mech	Preminds Solutions	1.2	2020-21
172	Tushar kashinath Gaikawad	Comp	Preminds Solutions	1.2	2020-21
173	Shubham rajendra salunke	Comp	Preminds Solutions	1.2	2020-21
174	Rohit Saggam	Comp	Preminds Solutions	1.2	2020-21
175	Pawar Onkar Anil	Mech	Preminds Solutions	1.2	2020-21
176	Yash Shahane	Mech	Preminds Solutions	1.2	2020-21
177	Akash pundlikrao Biradar	Mech	Preminds Solutions	1.2	2020-21
178	Pranit Vilas Dhamale	Comp	Preminds Solutions	1.2	2020-21
179	Azhar Mehmood	Comp	Preminds Solutions	1.2	2020-21



	Hakim				
180	Omkar Gemraj Jadhav	Mech	Preminds Solutions	1.2	2020-21
181	Rusha Rajan Waghmare	Comp	Preminds Solutions	1.2	2020-21
182	Juveriya Yunus Nadaf	Comp	Preminds Solutions	1.2	2020-21
183	Aishwarya kamthe	Comp	Preminds Solutions	1.2	2020-21
184	Pooja Tilekar	Comp	Sarathi Group	1.2	2020-21
185	Priya Jadhav	Comp	Sarathi Group	1.2	2020-21
186	Dayanand More	Comp	Sarathi Group	1.2	2020-21
187	Aishwarya Kardile	Comp	Sarathi Group	1.2	2020-21
188	Pooja Tilekar	Comp	Peacock Solar	1.2	2020-21
189	Azhar Hakim	Comp	Peacock Solar	1.2	2020-21
190	Adil Shaikh	E&TC	Peacock Solar	1.2	2020-21
191	Vishal Mahendra Mohite	Mech	Aakar Foundry	1.2	2020-21
192	Pradip Shashikant Deokate	Mech	Aakar Foundry	1.2	2020-21
193	Rakesh ajit Halge	Mech	Aakar Foundry	1.2	2020-21
194	Suraj Kumbhar	Mech	Aakar Foundry	1.2	2020-21
195	Siddesh Jadhav	Comp	Smart Solutions	1.2	2020-21
196	Neel Rajgor	Comp	Smart Solutions	1.2	2020-21
197	Azhar Hakim	Comp	Smart Solutions	1.2	2020-21

198	Ravishkumar Singh	Mech	Peacock Solar	1.2	2020-21
199	Vijaya Sorate	Mech	Seimitsu Automation	1	2020-21
200	Piyush Paygude	Mech	Seimitsu Automation	1	2020-21
201	Vaibhav Jagtap	Mech	Seimitsu Automation	1	2020-21
202	Prashant Pawar	Mech	Seimitsu Automation	1	2020-21
203	Prabhakar Pawar	Mech	Seimitsu Automation	1	2020-21
204	Khedkar Pradnya	Civil	Election	Free Training	2020-21
205	Kamble Ketan	Civil	Election	Free Training	2020-21
206	Shubham Patil	Mech	Election	Free Training	2020-21
207	Ashok Kumar	Mech	Election	Free Training	2020-21

### Photos of the Placed Students 2020-2021:-



## KJEI'S TRINITY ACADEMY OF ENGINEERING, PUNE

### CAMPUS PLACEMENT A. Y. 2020-2021



#### BE Computer and E&TC 2020-21



### HEARTIEST CONGRATULATIONS TO ALL PLACED CANDIDATES

#### BE Civil 2020-21



#### BE Mechanical 2020-21



#### Our Recruiters



Talentio

Training and Placement Department

**5. List of companies visited in Oncampus/Off-campus Mode for campus Hiring:-**

<b>Sr. No.</b>	<b>Company/ Organization</b>	<b>Batch</b>	<b>Package ( LPA)</b>	<b>Criteria</b>	<b>Branch involved in drive</b>
1	Tata Teleservices	2020	2	NA	All Branch
2	Chegg India	2020-21	3.5	NA	All Branch
3	Jaro Education	2020-21	6.6	NA	All Branch
4	Qspider	2020-21	3	NA	All Branch
5	Planet Spark	2020-21	7.1	NA	All Branch
6	Sarrathi Group	2020-21	2.5	NA	All Branch
7	Neilsoft	2020-21	2.8	60	All Branch
8	EdZeal	2020-21	3	NA	All Branch
9	Tech Mahindra	2020-21	2.2	NA	All Branch
10	HCL Technologies	2020-21	2.8	NA	All Branch
11	Vedantu	2020-21	3.5	NA	All Branch
12	Afitech	2020-21	2	NA	All Branch
13	Peacock Solar	2020-21	1.5	NA	All Branch
14	Penthra Tech	2022	3	70%	All Branch
15	Face Prep	2020-21	3.2	NA	All Branch
16	Talentio	2020-21	3.2	50%	All Branch
17	Pioneer Technologies	2020-21	2.5	NA	All Branch
18	Acadecraft	2020-21	3	65%	All Branch

19	Byjus Education	2020-21	10	NA	All Branch
20	Apisero	2020-21	3	60%	All Branch
21	Preminds Sloutins	2020-21	Intern-1.2	NA	All Branch
22	Seimens PLM	2020	3.5	NA	All Branch
23	No Broker	2020	4.8	NA	All Branch
24	India Mart Pvt. Ltd.	2020	3.5	0.65	All Branch
25	TEkSystem	2020-21	3	NA	All Branch
26	Paperpdia	2021	6	NA	All Branch
27	Upgrade	2021	5.6	NA	All Branch
28	Extramarks	2021	4.6	NA	All Branch
29	Tynor India	2021	2.5	NA	All Branch
30	Pentagon SPace	2021	2	NA	All Branch
31	Rohan Builders	2021	2	60%	Civil
32	Chorriya Builders	2020	1.8	NA	Civil
33	Sarrthi Group	2020	1.8	NA	Civil
34	Pinclick	2020-21	4.8	NA	Civil, Mech & E&TC
35	Athasya Solutions	2020-21	2	NA	Comp, IT
36	Winsoft Technolgies	2020-21	2.8	55%	Comp, IT
37	NTT Data	2020-21	4.2	60%	Comp, IT
38	Eduplus Campus	2020-21	2	NA	Comp, IT

39	Coral Billing Service Pvt. Ltd	2020-21	2.7	NA	Comp, IT
40	Logibricks Technologies	2020-21	2.5	NA	Comp, IT
41	Betsol	2020-21	3.5	60	Comp, IT
42	Kaar Technologies	2022	4.5	0.6	Comp, IT
43	Ecosmob Technologies	2020-21	2.5	NA	Comp, IT
44	Enthraltech	2020	2.5	NA	Comp, IT
45	OTSI	2021	3	NA	Comp, IT
46	Vysion Technologies	2021	2.5	NA	Comp, IT
47	Listengage	2021	2.5	NA	Comp, IT
48	Netscout India	2021	5	60%	Comp, IT
49	eclinical works	2021	3	NA	Comp, IT
50	Nextbeidge IT SOlutions	2021	2.5	NA	Comp, IT
51	Stridly Solutions	2021	2	NA	Comp, IT
52	Mphasis	2021	4.6	60%	Comp, IT
53	NewsCap	2021	2.5	NA	Comp, IT
54	Mechlin Technologies	2021	3	60%	Comp, IT
55	zensoft Services	2020-21	3.5	55%	Comp, IT & E&TC
56	Tudip	2020-21	3.5	NA	Comp, IT & E&TC
57	Sankey Solutions	2020-21	3.5	60%	Comp, IT & E&TC



58	List Engage	2020	2.2	NA	Comp, IT & E&TC
59	Endurance International Group	2020-21	3.5	NA	Comp, IT & E&TC
60	Atos Global	2020-21	3.5	60%	Comp, IT & E&TC
61	Tudip technologies	2020	3.2	NA	Comp, IT & E&TC
62	FIS Global	2020-21	5	65%	Comp, IT & E&TC
63	StratJuris	2020	3.5	NA	Comp, IT & E&TC
64	Allscripts	2020	3.5	NA	Comp, IT & E&TC
65	Zensar Technologies	2020	3	3.4	Comp, IT & E&TC
66	Cuelogic	2020	3.3	2.75	Comp, IT & E&TC
67	Tech Mahindra Tech	2020	2	2.5	Comp, IT & E&TC
69	Emicon Advisory Services LLP	2020	2.75	2.4	Comp, IT & E&TC
70	Niseva	2020	2.5	2	Comp, IT & E&TC
71	Sinewave	2020	2.5	2.5	Comp, IT & E&TC
72	2piR Tech	2020	2.5		Comp, IT & E&TC
73	Anpexpertise	2020			Comp, IT & E&TC
74	Nisan electronics	2020-21	1.8	NA	E&Tc
75	Nutek	2021	2.2	NA	E&TC
76	Radiant Electronics	2020-21	1.8	NA	E&TC, Elect
77	Star Engineerig	2021	2.8	60%	E&TC, Elect

78	Kokban India	2021	2.6	60%	E&TC, Elect
79	R. K. Solar System Pvt. Ltd.	2020	2.4	2.4	Elect
80	Lighting Drones	2020	0	2.4	Elect, Civil
81	India First Robotics	2020	2.5	2.4	Elect, EnTC, Mech
82	Aakar Foundry	2020-21	1.8	NA	Mech
83	Seimetsu Automation	2020-21	2	60%	Mech
84	Craft Tehnik	2020-21	2	NA	Mech
85	Meritech	2020-21	2	NA	Mech
86	Quality Austria	2020-21	2	NA	Mech
87	Ultra Engineering	2020-21	2	NA	Mech
88	Cybernetik	2020	2.7	NA	Mech
89	Sharayu Engineering	2020	1.5	NA	Mech
90	Hirschvogel	2020	2	NA	Mech
91	SHTE Pvt Ltd.	2020	2.2	60%	Mech
92	Starling Engg	2020	2	NA	Mech
93	Talbro's Automotives	2020	1.8	NA	Mech
94	Renata Precision	2020	1.8	NA	Mech
95	Aloha Technology	2019-20	1.8	NA	Mech
96	Fukaku India	2020	2	NA	Mech

97	CATI, Craft & Technic	2021	2.5	NA	Mech
98	GEMSL	2021	2.8	60%	Mech
99	Linamar	2021	2	60%	Mech
100	Sany Heavy Industries	2020	1.8	1.5	Mech
101	TIS	2020	3.3	2.4	Mech
102	Danfoss	2020		2.4	Mech
103	Mungi Engineers	2020		2.4	Mech
104	Talbros Automotive	2020		2.4	Mech
105	Techno India	2020		2.4	Mech
106	Vigel	2020	1.8	2.4	Mech
107	Elevation Design Consultancy	2020-21	2.8	NA	Mech, Civil
108	Mungi Engineering Pvt. Ltd.	2019-20	1.8	NA	Mech, Elect
109	Shrushti Tubes Pvt. Ltd.	2020	2	NA	Mech, Elect
110	Spicer India Pvt. Ltd.	2020	2	2.5	Mech, Elect
111	Sharda Motors	2020	1.5	2.4	Mech, Elect
112	Bosch	2020	4	2.4	Mech, Elect
113	Dhoot Transmission	2020		2.4	Mech,Elect, E & TC