

STHAPATYA

**MAGAZINE
(EDITION IV)**

purpose fuels passion



**CIVIL ENGINEERING STUDENTS
ASSOCIATION
MIT AURANGABAD**

Our Inspiration

Do You Know !!!!
who is **ICE Man** of India ?



Chewang Norphel as a civil engineer with the Jammu and Kashmir Rural Development Department -- took inspiration from his childhood observations and made a breakthrough by devising the first artificial glacier in picturesque Leh, thereby solving a water crisis faced by the local community, of which at least 80 per cent were farmers growing barley and wheat. He has built 15 artificial glaciers. He has earned the nickname "**Ice Man**".

Winters are severe in Ladakh due to which there are no winter crops. Whatever water flows during this time is wasted. During the sowing season, there is hardly any water available because natural glaciers, situated some 5,000 feet above and 20-25 km away from the villages, only melt after June.

He thought: What if there were glaciers at lower altitudes which would melt sooner due to relatively higher temperature? Thus came the idea of artificial glaciers. According to Norphel, "It's a technique to harvest winter wastewater in the form of ice. And by creating artificial glaciers at relatively lower altitudes, it was possible to get water when it was needed" .

the "Ice Man" who was awarded the Padma Shri award in 2015. He was also recognised for his achievements by the United Nations Development Programme (UNDP) in 2011.

Message from HOD

It gives me a great pleasure to meet you all through this e-magazine 'STHAPTYA'. From last more than 14 months we are suffering from Covid-19 pandemic situation. A very very small bacteria virus can nearly shut down the whole world and all our activities are slow downed including academics. For this we must improve our immunity to avoid such type of situation in future. So, we must change our lifestyle and be with nature.

Our aim is to deliver the best of the knowledge and technical education to our students in this pandemic situation. Cultivate the desire and ability to make the students learn new things so that they can excel in this competitive world.

I can assure that Institute will give equal importance to extracurricular, technical and cultural activities along with maintaining excellence academics, to develop student's overall personality and make them versatile.



Dr. Uttam Kalwane
Professor and Head,
Department of Civil Engineering

Glimpse of Events of 2019



“Learning Driving License Camp” on 24th Sept 2019

Faculty In-charge: Prof. Makarand Vaishnav, P.R. Awsarmal, S.P. Bansode, Rahul Agrawal, R. Mapari, R. Bahaskar, P.E. Khosre, Nihit Agrawal

Student Coordinator: Piyush Raut (BTSS) and Shubham Vaidya, Ashwini Dabhade, Mohini Jarwal, Mangesh Sonwane, Ganesh More, Dhiraj Rathod, Nikita Jadhav, Satish Rasal, Dipak Patil, Sunil Phad from TYSS.

Glimpse of Events of 2019



“Estimation, Costing and Valuation” on August 21-22, 2019

Faculty In-charge: Prof. P.R. Awsarmal, Rahul Agrawal, Abhijit Kawale

Student Coordinator: Rohan Jadhav from BTFS, Balu Chavan, Piyush Raut and Vaibhav Kulkarni from BTSS.

PHOTOGRAPHY



Vishal Bakhale TYSS



Pratik Surwase TYFS



Vishal Bakhale TYSS

Soul



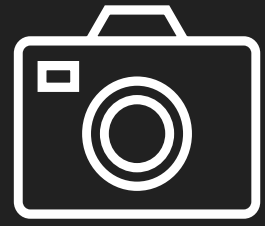
Everyone needs to believe in something, but I don't think that belief is something that can be taught. I believe in the silence of naked tree limbs. I believe in the pureness of dog's soul and the unspoken bond between sisters. I believe that you have to leave a place in order to discover how much you love it. I believe in the stillness of a Saturday and I believe you don't need to understand life in order to live it fully. Confusion is half the beauty, confusion is half the journey. I believe there are countless soulmates for every living person and I believe they are around every corner.

At any given moment, I believe there are things at which to marvel at – a never ending stream of chances to fall in love with the world. Flowers bloom despite frost bitten stems and strangers smile despite the heartache in their lungs. I believe in dreams. I believe I am as free as I make my mind up to be. I believe there is no person or power that governs how I live. I believe a person can base an entire religion around falling in love with being alive. The sun rises every morning and asks nothing from me in return; I could learn a lot from that simple selfless gesture.

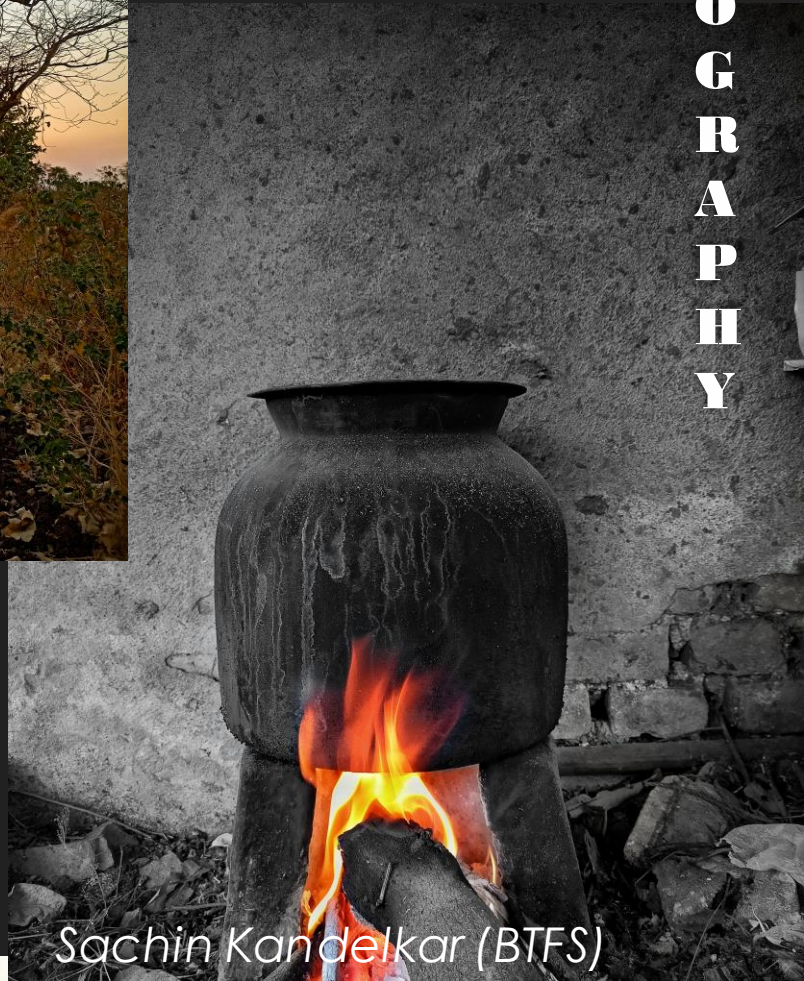
Shubham Vaidya (BTSS)



Sachin Kandelkar (BTFS)



PHOTOGRAPHY



Sachin Kandelkar (BTFS)



Rutuja Fule (SYSS)

प्राणायाम एक वरदान



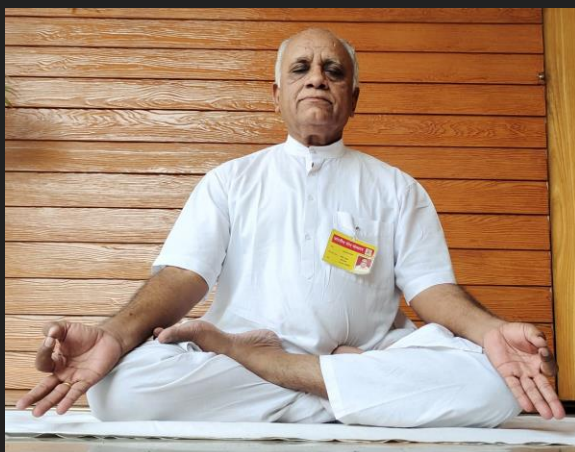
अपनी प्राण शक्तियों को नियंत्रित करना प्राणायाम है। प्राणायाम अष्टांग योग का एक अंग है। यह स्थूल शरीरसे को सूक्ष्म शरीर को मिलानेका का माध्यम है। शरीर में यह ऊर्जा सभी अंगों को चलाने का कार्य करती है। प्राणायाम को योग-अग्नि भी कहा जाता है।

प्राणायाम के अभ्यास से हमें शारीरिक रोगों से प्रतिरक्षा विकसित करने में मदद मिलती है। साधारण व्यक्ति की मानसिक अवस्था चंचल रहती है बहिर्मुखी रहती है तथा बिखरी रहती है। इस चंचल अवस्थाओं को स्थिर अंतर्मुखी व केंद्रित करना प्राणायाम की साधना का चमत्कार है। साधारण श्वासमें शरीर के पुरे अंग प्रभावित नहीं होते। फेंफड़े भी वायु से पूरी तरह नहीं भरे जाते। इस तरह फेंफड़ों तथा अंगों की क्रिया शक्ति घट जाती है और उनकी शुद्धि भी नहीं होती । प्राणायाम का अभ्यास करने से ये सभी अंग अधिक क्रियाशील होते है। प्राण शक्ति का संचार नाड़ियों के माध्यम से शरीर के एक एक अंग में होता है। प्राणायाम के निरंतर अभ्यास से सभी प्राणिक ऊर्जाओंका नियंत्रण, नियमन,विस्तार केन्द्रीयकरण एवं संयुक्त ऊर्जा का ऊर्ध्वगमन होता है।

अतः प्राणायाम से मन शांत एकाग्र तथा बलवान बनता है। शरीर को भी यह शुद्ध, पवित्र ,पुष्ट, तेजस्वी एवं कांतिमान बनाकर सब दोषों को , मालों को प्रज्वलित अग्नि के सामान जला देता है। सब विकारों को बाहर फेंक देता है।छाती की प्रत्येक मांसपेशी पुष्ट होती है। रक्त शुद्ध होता है। वीर्य दोष दूर होते है। शरीर में सभी प्रणालियाँ जैसे पाचन , श्वसन ,रक्त - भ्रमण ,ग्रंथिप्रणाली इत्यादि क्रियाशील होती है। प्राणायाम अनेक प्रकार के है , जैसे गहरा- लंबा श्वास , अनुलोम -विलोम, अग्निसार, कपालभाति ,भस्त्रिका ,उज्जमी,भ्रामरी, चंद्र भेदी,शीतली, शीतकारी इत्यादि ।

इस प्राणायाम का अभ्यास करनेसे मन को शांत बनाकर शरीर की रोग प्रतिकारक शक्ति बढ़ जाती है। इस प्रकार यह हमें कोरोना जैसी महामारी से भी बचा सकता है। यह कोरोना वायरस के खिलाफ एक प्राकृतिक प्रतिरक्षा बूस्टर है।

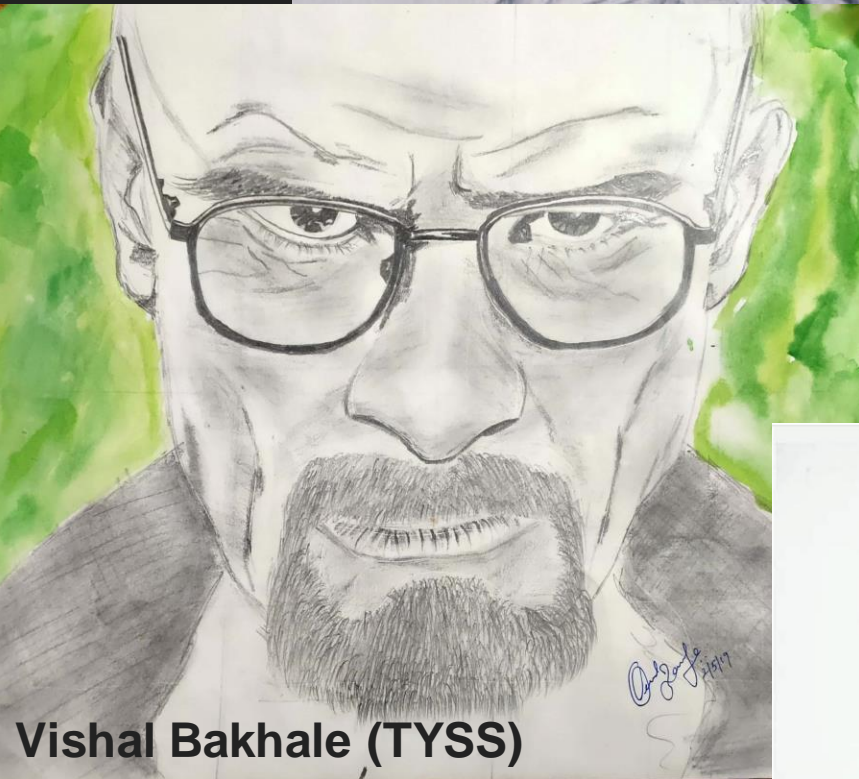
डॉ. उत्तम काळवणे



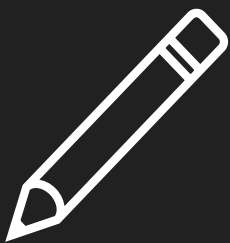
" करो योग रहो निरोग "



Gauravi Bonde (TYFS)



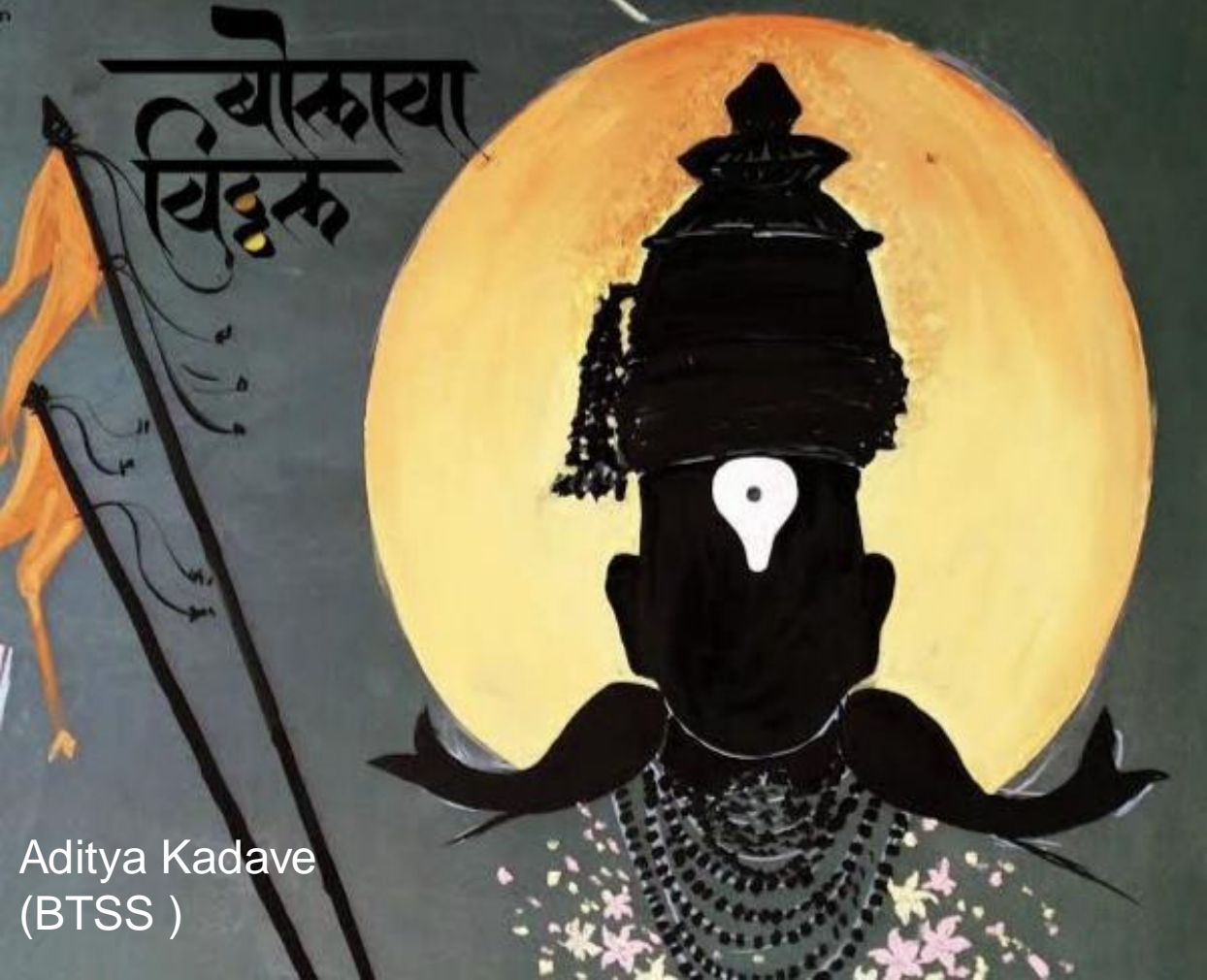
Vishal Bakhale (TYSS)



SKETCHES



Gauravi Bonde(TYFS)



Aditya Kadave
(BTSS)



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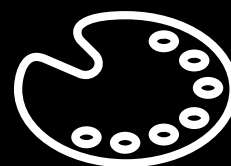
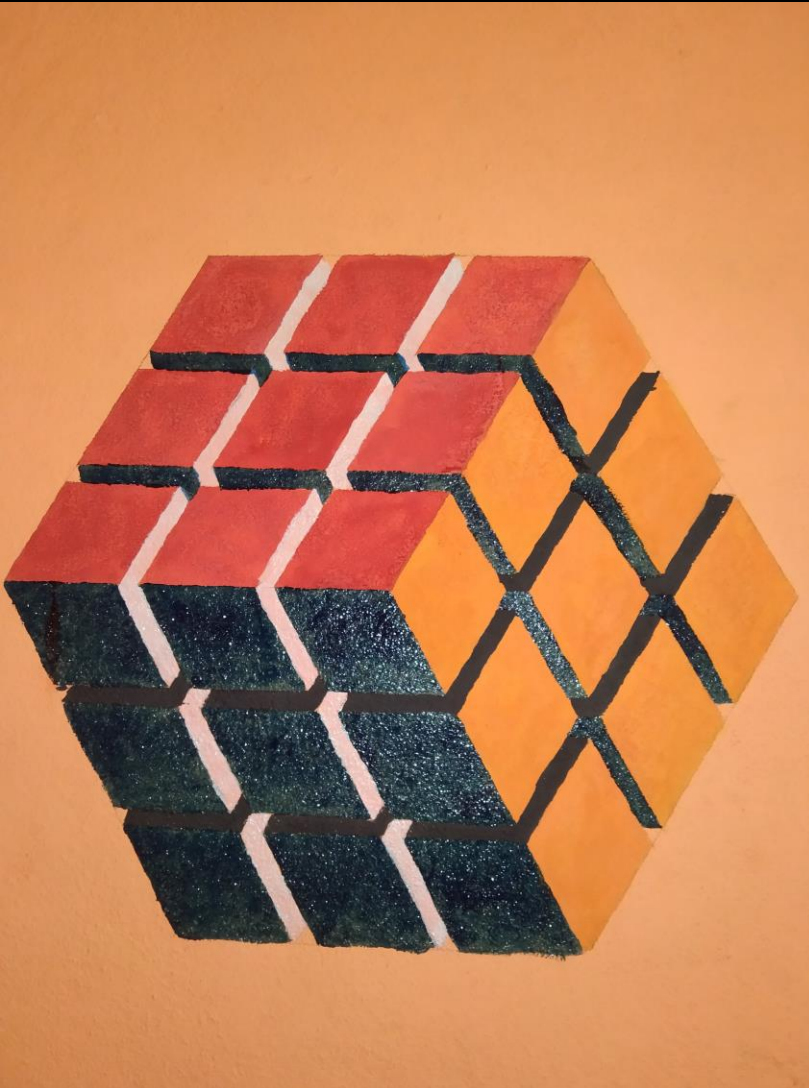
Gauravi Bonde(TYFS)

Beautifully Painful



I feel as though the sea, even if beautiful and lucky enough to have gulped down the sun and have its body basking in splendor upon on its rays, has its own troubles it does not speak of. That it is heat he is crippled with when he glides furiously for land and suddenly draws back, as if the thought of not longing pieces is heart, or perhaps he is reminded of the chaos that would befall the land if he decided to swallow it all, and so it remains within himself, forever alone. And when he suddenly grows high and mighty during the storms, crashing down upon himself, seizing the breaths of any soul who misled upon his waves, it is anger he is driven by, perhaps anger at the makers for giving him no purpose, for commanding him to lie still and allow his body to be inhabited by the living for eternity, that although those who travel within him sigh in awe at his beauty, he remains unhappy; and so I befriended him and remained by his side, promising him everlasting company , that even when I am rubbed off the face of the earth, I will do so in his arms. Then, we would truly be one.

Shubham Vaidya (BTSS)



WALL ART
PAWAN KARPE (BTFS)



PHOTOGRAPH
SACHIN KANDELKAR
(BTFS)



A good deed never fades....

As the pandemic began, all the educational institutions were declared closed and continuation opted for online mode. But the students from rural areas were out of the required facilities for online education which eventually led to become an obstruction between their studies. That's where a good deed starts, a girl from our college named as KOMAL SUBHASHRAO KALE from TYSS decided to take the responsibility of their studies and to teach them for free. And she started it with just 7 students in July 2020 with all the safety norms like social distancing and mask on, day by day number of students reached to 30 with lots of cooperation from students, and the tuition classes continue and we hope it'll cover a long journey. Such bright lights are required for the society to lighten up the dark.

Your good deeds might seem invisible, but it leaves a trail that is imprinted on the hearts of others.

Darshika Khullar (TYFS)



Even lockdown won't stop learning



Glimpse of Events in 2020



UltraTech-MIT present "Contribution of
Building Chemicals in Building
Performance" by Er. K. Padmakar on
January 29, 2020



GRADUATION CEREMONY

B.Tech Class 2019

on 08-02-2021

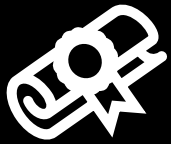


*For the first
time ever*



*Event to
remember*





GRADUATION CEREMONY

B.Tech Class 2019

08-02-2021



Degree ceremony inaugurated by the hands of Dr Y. A. Kawade Sir, Dr. Santosh Bhosle, Er Pramod Khairnar, Er Manoj Awalgaonkar and Dr Uttam Kalwane.

Faculty In-charge: **Mr.Sujat Patel**

Student Coordinator: Disha Lone (Cultural Coordinator CESA) 2020, Piyush Raut (CESA president) and Darshika khullar from TYSS.



Online Webinars for the students and Faculties



"Introduction to HEC-RAS" by
Er. Vignesh Iyer on May 31,
2020



Introduction to Emerging Civil
Engineering Software by Dr. Sandip
Lahoti on June 02, 2020



"Waste to Bioenergy" by
Dr. Sachin Kumar on June
5, 2020



"Urban Hydrology" by Dr Vinay
Nikam July 8, 2020



"Overcoming Fear of
Failure" by Avinash Chate on
July 11, 2020



"Effect of climate change in
water resource management"
by Dr. Avinash S. Garudkar July
26, 2020



Online Webinars for the students and Faculties



“Krishna River floods in Sangli: Various techno social aspects and future ramifications by Lt Col Dr. Jagdish P. Khadikar July 31, 2020



Online "Motivation Workshop"
August, 2020 by
Er. Avinash Chate



“Identify Sanitation system for large gathering: Case study of Nirmal Vaari by Shri. Narendra Vaishampayan August 2, 2020



“Valuation Practices” by Er. Pramod Sawant October 2, 2020



“Quarry to Lorry" (Concrete Mix Design series) by Mr. Amod Darne October 21, 2020



Online Webinars for the students and Faculties



“Safety in Construction
after COVID19” by Er.
Milind Deshpande March
22, 2021



“Water budget as a planning tool -
Connecting Science, Policy,
Community” by Er. Hemant Belsare
November 10, 2020



“Valuing Water” by Shri. Er.
Dilip Tawar March 22, 2021



“Professional Resume and
Email Writing” by Er. Shivraj
Marathe April 17, 2021



“Basic Yoga in COVID
Situation” by Dr. Uttam
Kalwane April 19, 2021



“Basic Vastushastra and its
importance in Civil
Engineering” by Mrs. Monica
Jain April 23, 2021

Online Sessions

"For the students by the Students"



"Building Permission and NA44/NA58 Layout" by Er. Ramanand Tadve (MIT Alumni Batch 2014-18) October 31, 2020



"Autodesk Revit training" By Shubham Vaidya 28 th March 2021 (B.Tech Final Year Second Shift)



"How to become successful YouTuber and earn lakh of a rupee per month from YouTube Channel" by Mr. Nayan Shelke 28 th March 2021 (B.Tech Final Year Second Shift)



Working Alumni



Abhishek Natu

Junior Engineer
At Municipal corporation of greater
Mumbai
(Batch 2014-18)



Tukaram Bhise

Junior Engineer
At Public Works Department
Former Sub Engineer at
Brihanmumbai Mahanagar Palika,
Mumbai
(Batch 2014-18)



Pranali Bodhare

M.tech Transportation and Planning
From Sandip University, Nashik.
Junior Highway Designer at
Creation engineer aurangabad.
(Batch 2014-18)



Vyankatesh Holambe

HPCL, Pune
(Batch 2015-19)



GATE 2021

Dhiraj Chaudhary

AIR 31568

Batch 2016-20



Alumini in Higher Education



Datta Warje

M.Sc persuing in Construction
Project Management with
BIM Advance
Practice Northumbria University,
Newcastle, England.



Girish Biradar

Batch 2014-18
M.Tech WRE in NIT
Nagpur



Pandurang Kashetwar

Batch 2014-18
M.Tech Structure in
SGGS Nanded



Vishal Waghmare

Batch 2015-19
M.Tech RS in IIT
Mumbai



Satyam Bhandari

Batch 2015-19
M.Tech Structure in
GEC Aurangabad



Sharad Kajale

Batch 2015-19
M.Tech WRE in GEC
Aurangabad



Hrishikesh Awathare

Batch 2015-19
M.Tech WRE in GEC
Aurangabad



Alumini in Higher Education



Pooja Sandha

Batch 2015-19

M.Tech WRE in GEC Aurangabad



Abhishek Killedar

Batch 2014-18

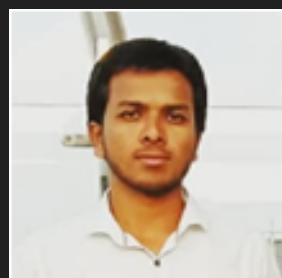
M.Tech Structure in JNEC Aurangabad



Saurabh Ghule

Batch 2015-19

M.Tech. Environmental
in GEC Amravati



Kapil Sarang

Batch 2015-19

M.Tech Structure in
SYCET Aurangabad



Furquan ul Hasan

Batch 2014-18

M.Tech Structure in
Pune University



Pallavi Kumre

Batch 2016-20

M.Tech WRE in GEC Aurangabad



If you wish to include your learnings, achievements, articles, poem, paintings, creations and photographs in next issue of Magazine mail us on our official e-mail Id:

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Pratik Surwase

