



D. Y. PATIL PRATHISTHAN'S
COLLEGE OF ENGINEERING,
SALOKHENAGAR, KOLHAPUR 416007

SPANDAN 2021-22

Spending time
In **nature**
Is healing **energy**





Hearty Congratulations !!



Hon. Shri. Satej alias Bunty D. Patil

Member of Legislative Council – Maharashtra
Minister of State for Home (Urban), Housing,
Transport, Information Technology,
Parliamentary Affairs & Ex. Servicemen Welfare,
Govt. of Maharashtra.



Hon. Shri. Ruturaj S. Patil

MLA, Maharashtra State.

From

All Teaching & Non Teaching Staff

D. Y. Patil Pratishthan's College of Engineering, Salokhenagar, Kolhapur

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Vision

- To strive and become center of excellence in under graduate engineering education & become a preferred institute of higher education.

Mission

- To nurture a culture of excellence in teaching & learning with active involvement of stakeholders
- To provide quality technical education with focus on fundamentals and hence become a preferred educational institute in this region
- To encourage students participation in academics, co curricular & extracurricular activities for their overall personality development and emerge as innovators, leaders & entrepreneurs
- To promote sustainable practices with ethical values

Main Features

- Well Qualified, Experienced Staff & Dedicated Faculty
- Reputed Professional, Outcome Based Education (OBE) Disciplined work culture for quality education
- 33+ years of educational legacy
- Location of institute is in the heart of **Kolhapur city**
- Expert guest lectures, industrial tours, workshops for right aptitude development of students
- Digital library, Book bank scheme, journals, e-learning materials
- All Government Scholarships Available **to Students**
- Microsoft Certified Training **for faculty & students**
- Well Equipped Advanced Labs with high end PC's
- 24 hour Wi-Fi and Internet connected Campus
- Free Preparation for NASA/ISRO Entrance
- Free Guidance & Training for GATE UPSC, MPSC & other competitive examination
- Sports, Cultural and Gymnasium Facility for Students
- Extra Curriculum Activities , Content Beyond Syllabus
- PTC Certified Training
- Free Training for AUTOCAD, PRO-E, CNC, ORACLE
- Industrial visits
- Mentorship system to monitor students program
- KIC & Tejas Incubation centers in campus
- State of art infrastructure with well elaborated illuminated Classrooms & laboratory facilities

Board of Directors



Padmashree Dr. D. Y. Patil
(Founder President)



Dr. Sanjay D. Patil
(President)



Shri. Satej D. Patil
(Vice President & Chariman)



Shri. Raturaj S. Patil
(Trustee)



Shri. Tejas S. Patil
(Trustee)

Founder's message



Padmashree Dr. D. Y. Patil
(Founder President)

I am very proud to share that our College under Dr. D. Y. Patil Prathisthan's is becoming one of the most eminent Higher Educational Institution today in the city and is renowned for standards of its Faculties, Students. It is constantly pushing the frontiers of knowledge and ensures the futuristic approach that keeps pace with the changing trends of the professional world. It is a matter of pride and privilege for me to see all of you doing well as Teachers and Students. Let me remind you that, academic success has always been cherished tenfold when coupled with achievements in the various other non-academic arenas. I wish and hope that all of you continue with same zest and contribute nobly as future pillars of the nation.

I wish the students studying at D. Y. Patil College of Engineering all the very best in their future endeavors and grand success to the faculties in their efforts to impart excellent education. God Bless.

Padmashree Dr. D. Y. Patil (Ex-Governor, State of Bihar)
Founder President of D. Y. Patil Group

President's Message



Dr. Sanjay D. Patil
(President)

Dr. D. Y. Patil Prathisthan's College of Engineering foray into higher education is becoming a case study for academic success and astute decision making. Today it stands as benchmark for others who aspire to emulate. Each of our campuses is a landmark in itself, having a culture of commitment, transparency and teamwork.

The College is committed to provide students with abundant and diverse opportunities to explore and express themselves not only in education but also in sports, arts and culture. I believe nurturing the potential of the student, giving them exposure to the latest developments enables them to become competent and quality conscious engineers. The world class infrastructure and environment in the college reflects the meticulous care taken in maintaining high academicians and most ultra-modern laboratories.

Dr. Sanjay D. Patil
President - D. Y. Patil Group

Chairman's Message



Hon. Satej D. Patil

Vice President, Chairman & Minister of State (Home) Maharashtra

In 21st Century learning is not just about taking knowledge but is of constructing and applying it in day to day life. I am glad to see my engineering College students construct and apply all they learn in the co-curricular and extra-curricular activities they participate in.

I believe that my Students and Faculty are like the missiles and sky-rocket their aspirations, materialize them and become global citizens. It is always a matter of pride to extend support to an enthusiastic team of students and faculty members who are focused to Collaborate for the betterment of this college.

Wishing you all a grand success in all your future assignments !

Great Going

Shri. Satej D. Patil

Vice President, Chairman &
Minister of State (Home), Maharashtra.

Trustee's Message



Hon. Raturaj S. Patil
(Trustee & MLA)

I take this opportunity in welcoming you to an exciting, new educational experience on one of the city's growing educational campuses. I invite you to visit our Salokhenagar campus and experience for yourself the energy and excitement of a college focused on student success.

We are looking forward to bringing excellence in every stage of a student's career and are continuously evolving a full-fledged Institution providing one of the best opportunities for students seeking high quality education.

Shri. Raturaj S. Patil
Trustee & MLA

Trustee's Message



Hon. Tejas S. Patil
(Trustee)

I heartily welcome the initiative of publishing our college magazine which highlights the events and achievements of our college. Our aim behind establishment of this institute is to provide quality education opportunity to students from sub-urban and rural areas. This institute facilitates innovative thinking by presenting students with an exclusive learning.

We are deeply conscious of the challenges and responsibilities that this new world demands, hence keeping our vision and mission in mind we believe in making of dynamic individuals in the society.

Apart from technical education we are keenly focused on providing key skills required in the competitive market through our skill development initiative we are imparting technical and commercial skills to society at large.

With a hope that all the students of the college achieve great height, I extend my good wishes to them.

Shri. Tejas S. Patil
Trustee

Campus Director Message



Dr. Abhijit. M. Mane
(Campus Director)

The major challenge for engineering educational institutions is to accommodate the ever varying aspirations of the younger generation and ever changing demands and development in industries. We constantly put efforts to accommodate these aspirations by fine tuning the academics of college with disruptive teaching - learning practices along with other developmental activities. We aim to contribute towards sensible social beings through education. This keeps us involved with the students at the Dr. D. Y. Patil College of Engineering Salokhenagar. It inspires our teaching and research. This is the goal which fuels our faculty to excel. We focus on our students by providing them with a world-class outcome based education and hands-on experience through research, training, and student forum activities along with co curricular activities for overall refinement of every student.

The success of our undergraduate programs is supervised by our eminent faculty, who continue to set the standard for excellence. There is a continuous check on the implementation of planned academic activities with desired results in grooming our future generation for employment and for higher studies. We believe in continuous development and strive to carry on the best efforts and endeavors towards the benefit of the students. Our University toppers and decent placements speaks about our excellence with many of our students bringing laurel to the college by getting highest ranking in university exams and huge number of students are placed in national & multinational companies.

Our institute stands by its core values, mission of churning out well-rounded individuals and thorough professionals. My best wishes for one of these initial compilations of Chronicles of our institute.

Dr. Abhijit M. Mane
(Campus Director)



Dr. Suresh. D. Mane
(Principal)

Principal Message

Greetings to all stakeholders of technical education both internal and external stakeholders viz teachers, students, alumni, parents, esteemed management, employers, government authorities, industry, technical bodies/societies et al. I wish to look back at the contributions of engineers in shaping the modern marvelous world we live in today.

Kindly let me recollect my early childhood over five decades ago i.e. in the 70's wherein the facilities we enjoy today were like a dream in those days. We used to travel by state transport buses, sometimes in Lorries, and personal transport was our bicycle. Car was a luxury only with the rich and famous and very few in numbers and bikes were all huge and heavy 350 cc ones characterised by loud noise and low speeds. Houses were made of mud, had mud flooring and mud walls with black tiles on rooftops. Communication was through letters, telegrams and the elite had landline collection with black phones with rotating dials. Living was quite simple mostly in sync with the nature and people spent time with their news papers, periodicals like India Today, Week, frontline etc and radio was all-time favorite entertainer. Health care was primitive and x rays were the modern equipment for diagnosis. TVs were not present in homes and most of the chores were done manually.

Come 2022, we are in an altogether new era of technology created by engineers. The road infrastructure, the commercial buildings, apartment complexes, bridges have made living and travel a pleasure. New generation cars with engine control units, catalytic converters not only have optimised the fuel efficiency but considerably reduced the harmful emissions be it carbon monoxide, sulphur di oxide (by diesel vehicles), unburnt hydrocarbons, particulate matter, soot etc. Car is no more a luxury, bikes are available in all families and personal transport is in vogue. We have smart phones with internet connectivity (@70% of population and growing) and we have forgotten letter writing. Its only SMS and Whatsapp messages which are prevailing. Social media is a rage with the young generation. Medical facilities extensively use microprocessors and have real time imaging, drug delivery and state of art facility.

The era forward is Industry 4.0, education 4.0 with autonomous cars, 5 G connectivity, 3D printing, Renewable energy and smart gadgets with internet of things. Artificial Intelligence, machine learning, Block chain technology, Smart grids, Deep learning, cyber security, hybrid learning, Digital/Online Universities, MOOCs, green Hydrogen will rule the world. Knowledge, data is the new oil. Start ups shall continue to grow and try to address real world human problems. The list is indicative and not conclusive. Private sector shall rule the business world and government intervention in many sectors shall reduce and go away in future. Only the fittest will survive and thrive.

To cater to these requirements of future unfolding before us our teachers and students should equip themselves with the skills and knowledge and continue with lifelong learning. In this VUCA world only change is permanent. We need to focus our resources be it time, energy, and finances to hone our skills to shape the future. Students today are allowed to take 40% of their subjects through MOOCs i.e. SWAYAM by AICTE as well as UGC shows the importance attached by administrators to online education. Teachers have to pull up their socks to the new Outcome based education OBE, accreditations which are now mandatory. Students shall be evaluated for their knowledge, skills and attitude. We at DYP College of Engineering, Salokhenagar, Kolhapur are gearing up to take on the new challenges with a positive note as a team and am happy to inform that the transformation has begun in right earnest. We shall be applying for accreditation shortly and are expecting positive outcome. I wish all the students a very happy learning and a great life ahead.

Dr. Suresh D. Mane
(Principal)

Editorial



Prof. Rucha A. Gurav

Editor

It is my immense pleasure to handover this edition of 'Spandan 2021-22' to all of you. The encouragement from Hon. Padmashree Dr. D. Y. Patil, Chairman Hon Dr. Sanjay D. Patil & Vice Chairman Hon. Shri. Satej alias Bunty D. Patil was like blessings. The same support was extended by Trustee Hon. Shri. Raturaj S. Patil & Trustee Hon. Shri. Tejas S. Patil was enthusiastic. The guidelines received from Campus Director Dr. A. M. Mane & Principal Dr. S. D. Mane was very valuable. We feel very happy to have them as our mentors.

I along with my editorial team members have work hard to make this magazine stand out. So here you have "Spandan 2021-22". Title of the magazine, "Spandan" means "vibrant, energetic". This magazine gives an insight into way of life, creativity and activities. This magazine is a platform that exhibits the literary skills and innovative ideas of teachers and students.

"Spandan 2021-22" presents the hard work and dedication of students and contributions of teachers. I would like to thank all my editorial team members and management for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine.

These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible. Thank you all !!

Prof. Rucha A. Gurav

Computer Science & Engineering
EDITOR OF COLLEGE MAGAZINE

Magazine Committee



Prof. V. S. Shinde
Data Science



Prof. A. B. Patil
General Science &
Engineering



Prof. S. N. Nale
Civil Engineering



Prof. A. D. Patil
Civil Engineering



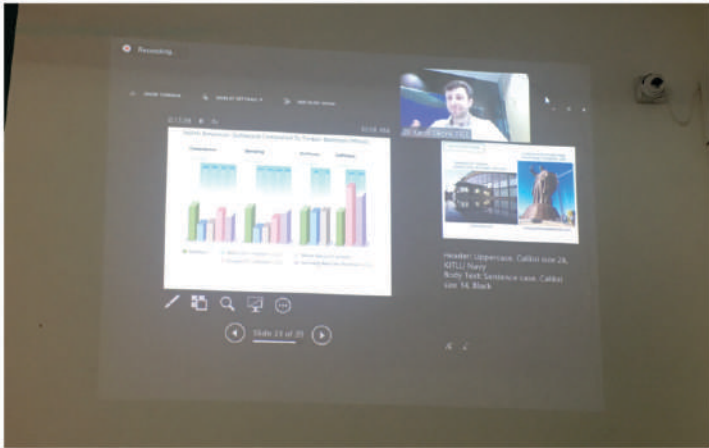
Prof. A. N. Attar
Elec. Engineering



Prof. A. A. Chitari
Computer Science &
Engineering

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International Guest Talk Series



Prof. Dr. Karol Sikora FICE



Dr. Ramesh D. Kashinkunti, P.E. BCEE
American Academy of environmental engg. & scientists

Incubation & Innovation Center



Inauguration of "Rajyavyapi Udyamita Yatra"



Discussion of "Rajyavyapi Udyamita Yatra"



Inauguration of "Rajyavyapi Udyamita Yatra" By Hon. Collector. Shri. Rahul Rekhavar, Hon. MLA Shri. Raturaj Patil Hon. MLA smt. Jayashree Jadhav, CEO. of Z.P. Hon. Shri. Sanjaysinh Chavan & Asst. commissioner of "Kaushalya Vikas Kendra" Hon. Shri. Sanjay Mali

Annual Social Gathering "Spandan - 2k22"



Inaugural Function of Spandan 2K22



Inaugural Function of Spandan 2K22



Classical Dance



Singing



Mr. & Miss. DYP SN



Fashion Show



Group Dance



Student Council



**General Championship Winner
Department of Civil Engineering**



Annual Sports



Opening ceremony of sport's



Badminton Match



Carom Match



Foot Ball Match



Chess Match



Cricket Match

NSS Activities



NSS Camp at "Pargad Fort"



Swachha Bharat Abhiyan

Shiv Jayanti Celebration



Salutation to "Chatrapati Shivaji Maharaj"



Indian Traditional Dance

Women's Day Celebration



Facilitation of Dr. Sangita Desai



Interaction with girl students

Breathing Earth Event



Bagged First price in poster competition



Bagged First price in Essay competition

Industrial Visit



Electrical students visited "Solar system plant" at Shirdi



Civil students visited "Warana Dam"

Faculty Orientation Program

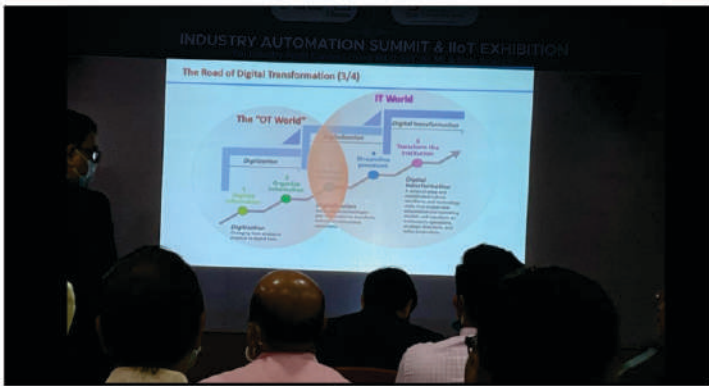


Inauguration of "Faculty Orientation Program towards Self, Analysis, Academics & Indian Educational Systems Approaches" by ISTE President Hon. Dr. Pratapsinh Desai



Successful completion of NITTTR FDP

Industry Institute Interaction



Participation in Industry Automation SUMMIT & IIoT Exhibition at Pavillion Hotel Kolhapur



Interaction with SIBIC & ELPIS IT Solution

Student Orientation Program



Inauguration of Orientation Program



Welcome Ceremony

Cultural Activities



Corporate Theme



Bollywood Theme

Book Exhibition



Opening ceremony



Students Response

Satej Maths Scholar Exam



Students approached to collage



Felicitation of winners by Hon. Shri Tejas Patil

Annual Sports Day Opening Ceremony



Inauguration of Annual sports by Campus Director



Students Participation

Traditional Day



Ethnic Day Celebration by Students



Staff in Traditional Attire

Parents Teacher meet



Teachers Parents interaction

Teacher's Day



Student as Teacher

Independence & Republic Day



Flag Hoisting done by Chief Guest



National Anthem

Smruti Shatabdi Krutadnyata Parva



Talk on "Lokrajya Rajashri Shahumaharaj karya"
by Dr. B. M. Hirdekar



Adaranjali to "Lokrajya Rajashri Shahumaharaj"
for 100 sec.



Staff & Students visited "Shahumill Exhibition"

Patent

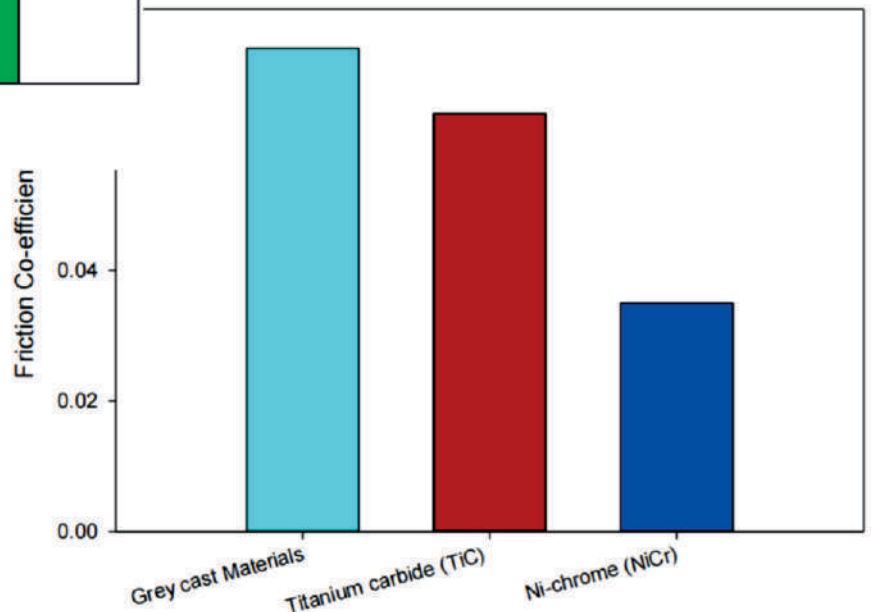
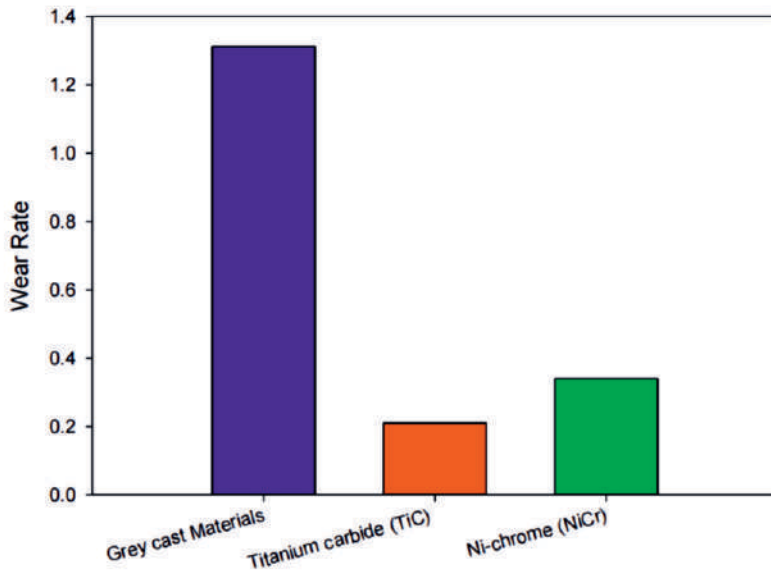


Dr. Rashmi Jadhav
(HOD Civil Dept.)

A FRICTION BASED ANALYSIS OF HEAT TRANSFER EFFICACY ON FLUTED TUBES ON A DIESEL ENGINE CYLINDER

The increase in diesel engine efficiency is possible by reducing wear of cylinder due to movement of piston. The common material used for liner is cast iron. In this research a material having better heat and wear resistance is suggested for liners instead of cast iron. The comparative experimental analysis of these liners is done using finite element analysis software and by experimental analysis. The experimental tribometer tests are conducted and results are compared with analytical results.

The claimed material Titanium carbide (TiC) and Ni-chrome (NiCr) provides excellent wear resistance compared to cast iron. Also those materials have significant lower friction coefficient in comparison to the grey cast material. The decrease in wear rate is as much as 77% and the frictional coefficient is lowered by 54%. Authors suggests to use these thermally sprayed coatings on the cylinder liner. The material can minimize the wear of the cylinder liner of a diesel engine and improve wear resistant



Inuence of Tin Doped TiO₂ Nanorods on Dye Sensitized Solar Cells

Sandeep B. Wategaonkar^{1,2,3}, Vinayak G. Parale⁴, Sawanta S. Mali⁵, Chang-Kook Hong⁵, Rani P. Pawar⁶, Parvejha S. Maldar^{7,8}, Annasaheb V. Moholkar⁸, Hyung-Ho Park^{4,*}, Balasaheb M. Sarga² and Raghunath K. Mane^{3,*}



Dr. Parvejha S. Maldar

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Abstract: The one-step hydrothermal method was used to synthesize Sn-doped TiO₂ (Sn-TiO₂) thin films, in which the variation in Sn content ranged from 0 to 7-wt % and, further, its influence on the performance of a dye-sensitized solar cell (DSSC) photoanode was studied. The deposited samples were analyzed by X-ray diffraction (XRD) and Raman spectroscopy, which confirmed the existence of the rutile phase of the synthesized samples with crystallite size ranges in between 20.1 to 22.3 nm. In addition, the bare and Sn-TiO₂ thin films showed nanorod morphology. A reduction in the optical band gap from 2.78 to 2.62 eV was observed with increasing Sn content. The X-ray photoelectron spectroscopy (XPS) analysis confirmed Sn⁴⁺ was successfully replaced at the Ti⁴⁺ site. The 3-wt % Sn-TiO₂ based DSSC showed the optimum efficiency of 4.01%, which was superior to 0.87% of bare and other doping concentrations of Sn-TiO₂ based DSSCs. The present work reflects Sn-TiO₂ as an advancing material with excellent capabilities, which can be used in photovoltaic energy conversion devices.

Keywords: Sn-doped TiO₂; Hydrothermal method; X-ray diffraction; photoelectrode; dye-sensitized solar cells

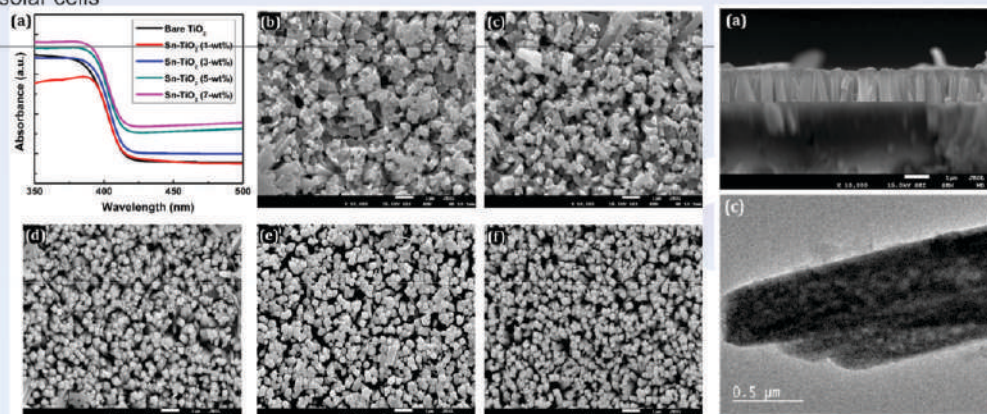


Figure 2. (a) UV-visible absorption spectra of bare TiO₂, 1-wt %, 3-wt %, 5-wt %, and 7-wt % Sn-TiO₂ thin films. FE-SEM images of (b) bare TiO₂ (c) 1-wt %, (d) 3-wt %, (e) 5-wt %, and (f) 7-wt % Sn-TiO₂ thin films.

Hyperloop Technology



Prof. Rohan Shirsat,
HOD, Mechanical Dept.

Hyperloop is an ultra-high-speed ground transportation system for passenger and cargo. Hyperloop as a system consists of sealed and partially evacuated tubes, connecting mobile hubs in large metropolitan areas, and pressurized vehicles, usually called pods, which can move at very high speeds, thanks to contactless levitation and propulsion systems as well as to the low aerodynamic drag. This system can save a lot of time and can be very safe as well it is weather/climate proof. Hyper loop - The Futuristic transport system. (Top speeds of 1,220 km/h). Hyper loop One has unveiled the first images of its test site currently under construction in the Nevada desert, which is set to become the first operational Hyper loop system in the world sometime this year. The LA-based startup is one of a number of companies determined to make Elon Musk's futuristic Hyper loop vision a reality. The concept – billed as the "fifth mode of transport" – is designed to shuttle pods carrying passengers and cargo at speeds of up to 1,220 km/h (760 mph) through sealed, low pressure tubes.

It sounds like science fiction – and sure enough, the idea of superfast tube transport does have roots in classic sci-fi – but the new photos from Nevada show that Hyperloop won't be a fantasy for much longer. The test site, called DevLoop, currently runs at 500 metres (1,640 ft) long, and weighs over 1 million kilograms (more than 2.2 million pounds). When it's completed in the next few months, the full-scale structure will extend for 3 kilometres (1.86 miles), and

while the test system may not carry passengers, it will give the world its first chance to see if Hyperloop can live up some pretty epic hype. Musk, the CEO of Tesla and SpaceX, first proposed the Hyperloop concept in 2012, and later released a white paper outlining how such a transport system might work. Musk's original idea was for a Hyperloop tube enabling ultra-fast transit between San Francisco and Los Angeles, but at present it's unclear if a Californian Hyperloop will be a reality in the near future. Since Musk open-sourced his idea, there have been multiple companies and hundreds of academic research teams working on Hyperloop technology, but the leader at the moment seems to be Hyperloop One.

The startup put on the first demonstration of a Hyperloop propulsion system in May last year, and in October unveiled its plans for the first passenger-carrying Hyperloop system, which it wants to build in the United Arab Emirates (UAE), linking the cities of Dubai and Abu Dhabi. That route extends for some 159 kilometres (99 miles) and usually takes about 2 hours by car, but Hyperloop One researchers say a Hyperloop pod could make the journey in just 12 minutes. The company says that pipeline could be ready by 2020, but before that happens, it first needs to demonstrate that its full-scale DevLoop prototype in Nevada works – and can safely reach the insane speeds its engineers have promised. Which is why all eyes will be on the Nevada site later in the year, to see what could be one of the most important trial runs in the history of human transportation?

The test site, called DevLoop, currently runs at 500 metres (1,640 ft) long, and weighs over 1 million kilograms (more than 2.2 million pounds). When it's completed in the next few months, the full-scale structure will extend for 3 kilometers (1.86 miles), and while the test system may not carry passengers, it will give the world its first chance to see if Hyperloop can live up some pretty epic hype. Musk, the CEO of Tesla and SpaceX, first proposed the Hyperloop concept in 2012, and later released a white paper outlining how such a transport system might work. Musk's original idea was for a Hyperloop tube enabling ultra-fast transit between San Francisco and Los Angeles, but at present it's unclear if a Californian Hyperloop will be a reality in the near future. Since Musk open-sourced his idea, there have been multiple companies and hundreds of academic research teams

working on the leader at the Hyperloop One. The demonstration of a in May last year, and for the first Hyperloop system, United Arab Emirates Dubai and Abu some 159 kilometres about 2 hours by car, researchers say a



Hyperloop technology, but moment seems to be startup put on the first Hyperloop propulsion system in October unveiled its plans passenger-carrying which it wants to build in the (UAE), linking the cities of Dhabi. That route extends for (99 miles) and usually takes but Hyperloop One Hyperloop pod could make

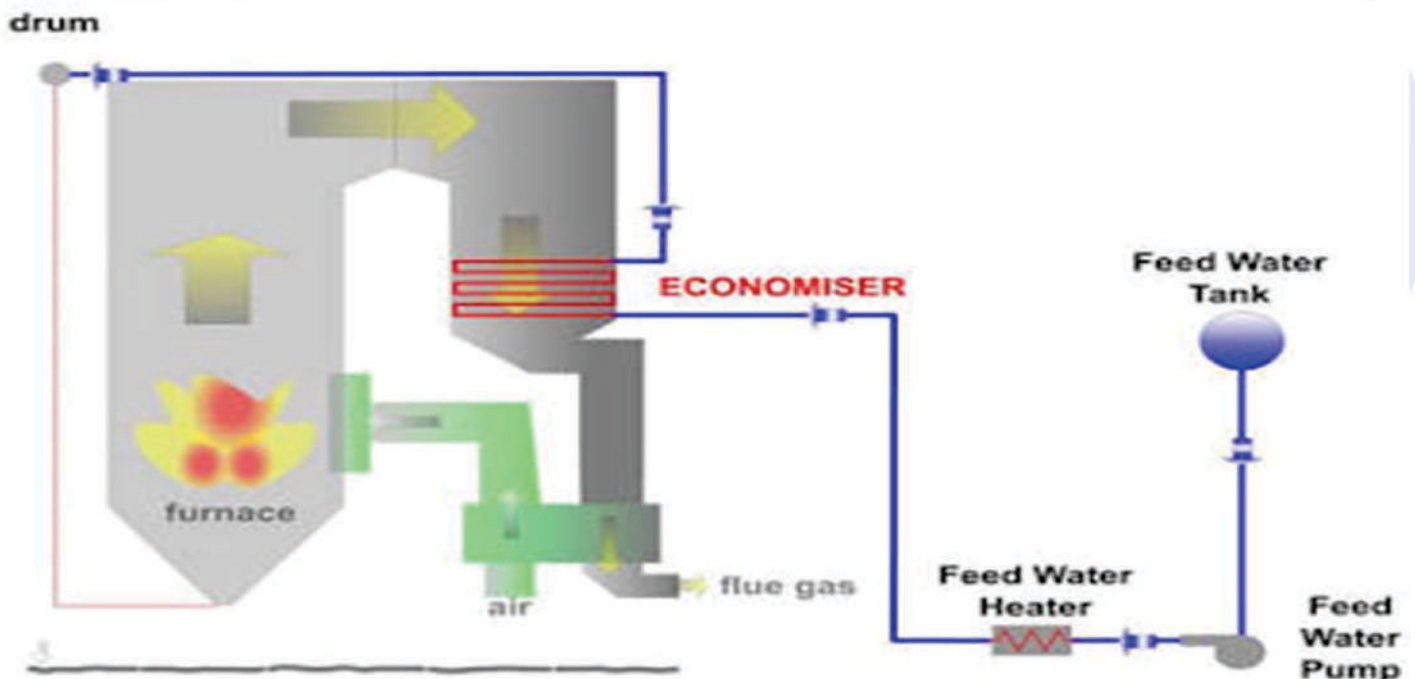
Energy Conservation in Boiler by Utilization of Waste Heat



Assit Prof. Gaurav chougule
Mechanical dept.

Energy has the central part of in all kind of organizations, especially in the industry where energy intensive. A detailed specific study of energy to investigate, the energy requirement for distillery plant or process equipment has been used for that. Whenever various plant operations have been checked out for extended periods, the boiler has always played important part of any distillery or sugar industry. Also, there is the wide scope of improving efficiency of the boiler by using waste heat recovery equipment. The various findings of energy consumptions are observed during this study, to avoid such energy saving recommendations are given. The boiler efficiency has been found to be 63.43%, which will be improved by 5-6% by utilizing the waste heat through return condensate as well as flue gases. The efficiency improvement added cost benefits to the industry of Rs. 10, 50,000 through saving of fuel.

In thermal energy, the performance of the boiler is analyzed. The boiler has scope of improving efficiency by use of waste heat, i.e. by increasing feed water temperature by using waste heat recovery equipment such as PHE or economizer. The feed water has supplied at the temperature of 40°C. The efficiency of the boiler at that time is 63.43% but we have increased it to more than 70 % by increasing feed water temperature. The numerical analysis of these equipments gives the energy conservation opportunities by improving performance of the same. Boiler has improved efficiency by 6-8 % by increasing feed water temperature and reduces the consumption of fuel as bagasse which saves Rs. 10,50, 000/- per annum.



Review on: Smart Dairy ERP System Based on Android Application

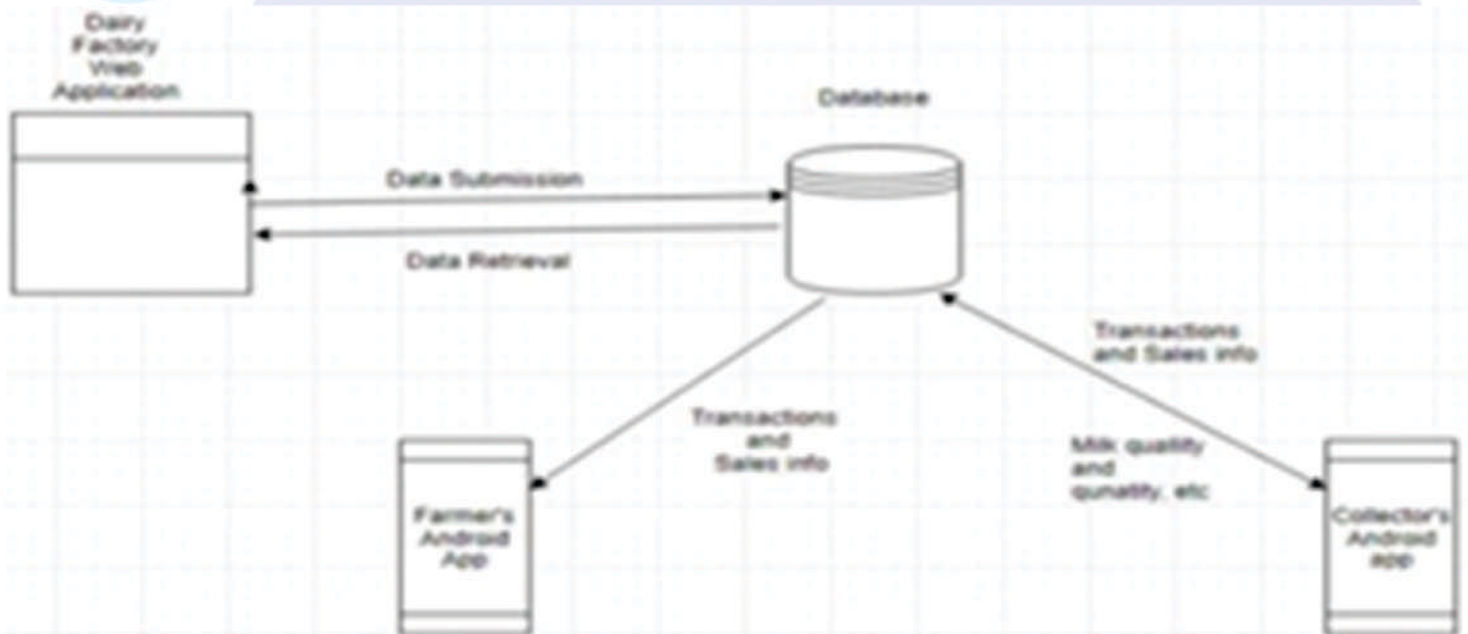


Assit Prof.S. S. Panhalkar
CSE dept.

Dairy is one of the biggest agri- businesses in India and a significant contributor to Indian economy. It operates round the year to deliver milk and other dairy products to every human being. It is one the industries that still relies heavily on regional supplies, mostly from the rural areas. In regards to the dairy industry, Indian markets with the greatest growth potential are also among the least developed in infrastructure and consumer awareness. Though large scale dairies like Gokul have automated and latest technology at their disposal, the small scale and mid-scale dairies are still intimidated by the use of technology mostly because of the cost and complexity of the IT systems.Hence, making the process much more labouring, inefficient and error prone. Dairy production faces multiple challenges, most of these challenges are related to the supply chain, at the level of dairy farms and milk

collection. One of the most common and alarming challenges is deception of farmers by the upper management in the dairies

The dairy farmers suffer from financial loss as they are often deceived by collection center owners into paying higher commissions and the dairy administrators are unaware of it. So in order to earn a profit, dairy farmers turn to options like adulteration of milk which declines the milk quality. This can be avoided by having an integrated system. An ERP system will ensure that the farmers will get paid fair prices, the collection center owners get their commission accordingly and the dairy administrator can manage all this with ease. This will make the dairy industry more reliable and profitable.



HOW TO LEARN FROM OWN MISTAKE

The mistakes are done by every one in the world. In every soccer, the person first of all improves his/her mistakes and takes experience of it and he or she goes to get their success.

"Good Judgement comes from the experience that comes from the poor judgement, That's why we have to accept our future life. We have to accept it and stand up for new changes. In every person's life the mistake is a part of life.

Every mistake of our life teaches a very valuable thing through which we can go ahead so, the great losses are great lessons. In human life any one can do mistakes. If a person learns nothing from mistakes, it is a loss of that person.

If one commits mistakes and accepts it and improves it with curiosity then definitely he or she goes ahead and the person who accepts his/her mistake, he / she never gives up and does something new in his / her life. If we commit mistakes consciously or unconsciously, we have to realize that we have done a mistake in life and now we have to improve and do not repeat that mistake again.

Every person does a mistake in again then the mistake is not way to success. In School life or in college life the mistake is the most important thing in the life. Without mistakes, single person can not go ahead. The mistake is a way through which we have to move towards Success. One mistake teaches a lot in life. It depends upon how we react to it. We have to accept it and get responsibility that we will not repeat the Same mistake again. On the other hand we have to commit mistake through which we can get to learn many things and get many experiences from it.

In our country, there are many people who commit many mistakes. It is common but the issue is that how many of them get to improve their mistakes. It is the main issue of India. The mistakes are one of the main sources to learn many things. People need to accept it. Seriously, it is the problem of the mentality of the person.

In every success of any famous / successful person there is a story of inspiration. It is difficult to get a more success without inspiration. The most successful people understand their mistakes and try to improve them and solve them to become successful.

As per my opinion, the mistake is very important part of life. If we take it casually then we do not get success. That's why, we have to accept it and understand what is our fault and start for new future.

'Great losses are' Great Success.'

Abhishek Shivsharan
SY (Electrical)

ENTREPRENEURSHIP : LEADING INDIA TO A BETTER FUTURE

While India has been traditionally and culturally entrepreneurially-driven nation, it is now repeating its history significantly with significant change in landscape from the founding of new startups , to global investors intrest ,to the advances in infrastructure and policies. Also the flagship initiative "Start-up India" has taken this new mindset of our young generation to a next level .As the fact speaks itself India has the highest working young population with tilting mindset towards entrepreneurship. India has a emerging market due to IT revolution and technical development .



It is one of the fastest-growing economies in the world because every niche product has the potential to sell in the markets. And also, the income and purchasing power of people is increasing steadily that made start-ups set up their facilities in India. Various state government encourage the youth to start their business with launching thier creative products in this highly volatile market. Furthermore, start-ups offer different types of jobs for engineering graduates and others that will reduce the unemployment problem.

Point to make is, Young engineering students usually mug up with thier academics just to pass and acquire a high paying job in Multi-national companies which indeed will lead to profiting these companies and not our youth and our country. Instead this youth population should gain a practically driven education and work in such MNC's to gain a quality experience and use the same to brighten thier creativity with start-ups and push the individuals and the country's economy . Moreover, R&D facilities in India allow new entrepreneurs to start their companies in special economic zones to get more concessions. They even show ways to launch the operations with the latest innovations in a better environment.

From the last decade India has seen some of the great startups in different sectors such as Fin-tech , Cosmetics ,Product based companies ,Service driven startups like (Paytm , BharatPe) , (Sugar , MamaEarth) , (Lenskart),(Zomato,Ola,Oyo) respectively . This has proven that startups can through proper planning , fund allocation , etc.

Samarsinh Gaikwad
(SY DS)

Gardens by the Bay



Gardens by the bay Since officially opening its doors in 2012, we look back at the engineering, architectural and horticultural feat that is Singapore's **Gardens by the Bay**.

Having to enter at the big nature park the first sight that greets every visitor at Gardens by the Bay is the funnel-shaped canopies of wintry, steel branches set atop towering steel and concrete trunks measuring between 25 to 50 metres in height. Mysterious and fantastic, the Supertree Grove invariably evokes comment, speculation and a sense of wonder and awe. consisting of three waterfront gardens: Bay South Garden (in Marina South), Bay East Garden (in Marina East) and Bay Central Garden (in Downtown Core and Kallang).The character and scale of the grove was inspired by nature – and fiction. Appointed landscape architects, Grant Associates, took cues from the mighty Karri trees of southwestern Australia, a species known to grow up to 80 metres tall, as well as the magical forest in the anime film 'Princess Mononoke' by Japanese film studio, Studio Ghibli

Lit up in the evenings, the diligent trees continue multi-tasking with their very own light and sound show using colourful sequential lighting and music, illuminating the darkness and providing much visual enjoyment from an aerial perspective. Unknown to most visitors is a Supertree that acts as a chimney stack. It expels non-toxic fumes from a biomass boiler where plant waste from Gardens by the Bay and other parts of Singapore is burnt and converted into fuel. The burnt waste powers a steam

turbine, which subsequently produces part of the energy needed to chill the two cooled conservatories, reducing energy used from external sources.

Gardens by the Bay will have conservatories that will bring in plants native to more temperate climates as well as themed gardens that explore the different cultural traditions that make up Singapore. And drawing attention to these are 18 giant steel and concrete trees, between 25 m to 50 m high. These Supertrees, as they are called, consist of concrete trunks with a canopy made of a complex of steel tubes that form the branches at the top of each tree. The tops of some of the trees will have solar cells that will generate power for use in the conservatories below. The trunks of the Supertrees are similarly clad in a steel frame and draped with many types of climbers, flowers and ferns.

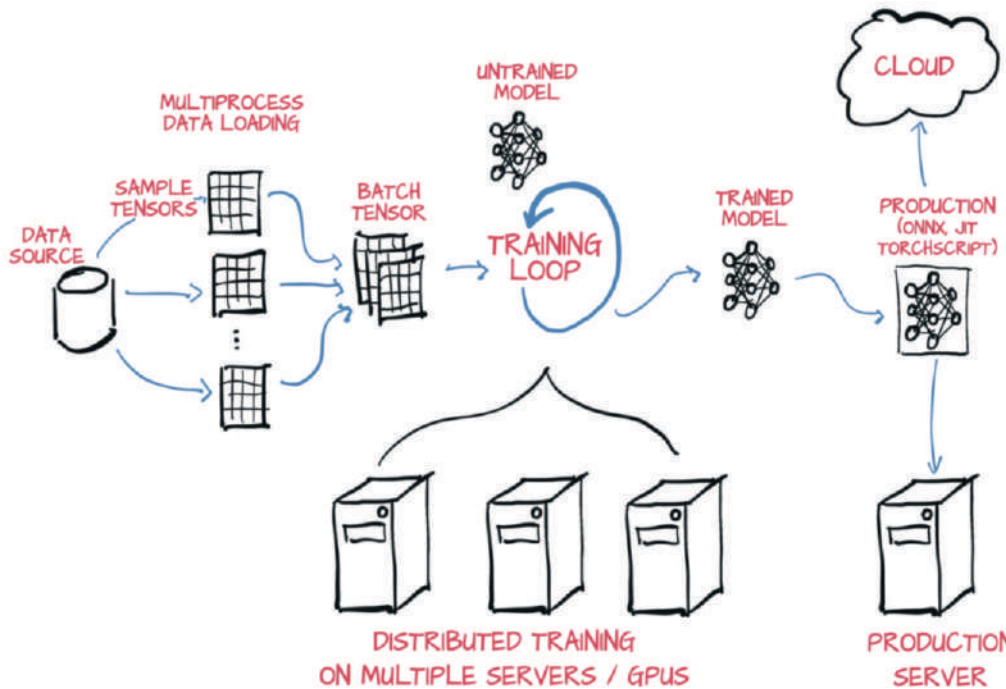
The Supertrees will also allow visitors to enjoy the view from above. A 128 m long suspension bridge links two of the taller trees together and allows visitors to soak in the view from 22 m above the ground. Steel is a critical component of the entire project, from the frames around each trunk to the network of branches that form the canopy. The steel work was the responsibility of Singapore company TTJ Design and Engineering, which relied heavily on Tekla BIM software for the entire project.

Tekla BIM software was especially necessary on this project because of the complex geometries involved in constructing the canopy. The interlocking branches at the crown of each tree are a delicate network of steel tubes encircled by a stainless steel cable that pulls the structure together. The cable ensures that the branches do not start sagging and putting undue stress on the entire canopy. To reduce the weight of the overall structure, the steel used in this canopy is very thin, some of them being just 3.2 mm thick. As a result, just 920 tons of steel were used to build the 18 soaring Supertrees.



Nitin Kailas Pawar
(T.Y. Civil)

PYTORCH



Bio -> Jeff Smith is an engineering manager at Facebook AI where he supports the PyTorch team. He's the author of Machine Learning Systems and Exploring Deep Learning for Language. While working at the intersection of functional programming, distributed systems, and machine learning, he coined the term

reactive machine learning to describe an ideal ML architecture and associated set of techniques.

What is Pytorch-> Pytorch AI platform runs over 400 trillion predictions a day, and that number is climbing rapidly, which means that it's also deployed on over a billion phones around the world. This is every time a neural network on your device is using part of our technology to perform a prediction operation. What's the technology underneath that? Well, that's PyTorch. If you've not encountered PyTorch before, I want to be a little bit more specific about who we are and what our opinions are and the places we invest in building technology to make you productive. I want to start with eager and graph-based execution. This has to deal with how you, as a user, write your code. Eager mode means Python as you would normally write it, returning back a result just as soon as you invoke a function. I'll show you a little bit more about some of our investment in graph-based execution as a project, and how

that works for you, and what that workflow looks like Historically, we've had a lot of innovative techniques come out of work done in PyTorch due to our ability to support dynamic neural networks, by which I mean neural networks which contain control flow, if statements, that are defined by you in regular Python. Also, one of the reasons why you might want to use a deep learning framework to implement your solution to a particular technology is that you need to operate over a distributed system. You need a cluster of machine somewhere. We have a very powerful distributed training library called C10D that can handle doing really awesome stuff across clusters of GPU-enabled servers. Other things you might need out of a deep learning framework include hardware-accelerated inference. This means when you're performing a prediction in real-time, depending on what you're trying to do, you may really care about taking the best advantage of the CPU or GPU underlying your program. Doing that really well involves a lot of open collaboration between organizations like Facebook, Intel, Nvidia, and so forth. Finally, just to ground you in how we think about how we write software within the PyTorch project, we really prefer simplicity over complexity. We want you to be able to do things in writing your code that you or what you were already naturally going to do. Write Python as you would write Python, look like NumPy when you're doing something that you would otherwise be doing at NumPy, and be very modular and opt-in. Getting a little bit more concrete, what are some of those pieces when we start to look at PyTorch at a developer level? This is just a little bit of a high-level map to some of the pieces you might use within the PyTorch library. Most people start within PyTorch because they're interested in solving some problem with deep learning, and so that's where all of our neural network capabilities in the nn module come into play. I'm going to spend a lot of time today talking about our JIT, it's called Torch Script. This is really one of our major investments in terms of our engineering focus in building a path from research to production. There's a lot more built into PyTorch, whether it's within the core or within other libraries, and in the ecosystem you can see some of them there. I'll talk a bit more about some of them later. It's designed to be a very big toolbox to support a broad range of things.

Atharva s pailwan
(TY CSE)

TRIBUTE TO NETAJI SUBHASHCHANDRA BOSE

“ तुम मुझे खून दो मैं तुम्हे आज़ादी दूंगा ”

Subhashchandra Bose great Indian nationalist. people even today know him by love for his country. This true January in 1897. Most noteworthy he fought with bravery against the British Rule. Subhashchandra Bose was certainly a revolutionary freedom fighter.

The participation of Subhashchandra Bose took place with the civil Disobedience movement This is how Subhashchandra Bose become a part of the Indian independence movement. He become a member of the Indian national congress (INC) Also, in 1939 he become party president. However He was a short time only because of his resignation from this post. The British put Subhashchandra Bose under house arrest. This was because of his opposition to British rule However, due to his cleverness, He Secretly left the country in 1941. He then went to Europe to seek help against British. Most noteworthy, he sought help of Russians and Germans against British Subhashchandra Bose went to japan in 1943. This was because the japanese gave thair agreement to his appeal for help In japan Subhashchandra Bose began the formation of a Provisional government . The arise powers during the second world war certainly recognized this provisional government.

The Indian National army attacked the North-Eastern part of India further more this attack took place under the leadership of Subhashchandra Bose Also the INA was Successfull in capturing a few portions, Unfortunately, there was the surrender of INA due to wether and Japanese Polices However, Bose made his Refusal to surrender clear. He He escaped on plane but most probably crashed. Due to this , Subhashchandra Bose died on the date 18 August 1945. 'Great losses are' Great Success.'

Abhijit Kiran Bhosale
(TY Mech)

कोरोना नंतरचे जग-सामाजिक दृष्ट्या

कोरोना नंतरचे जग / भारत माझा अंदाज, अपेक्षा ।

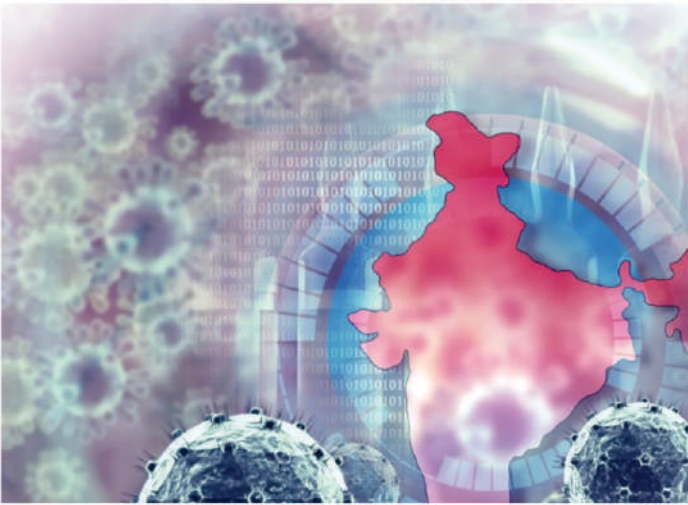
कोरोना, कोरोना आणि कोरोना या शब्दाने संपूर्ण जगच जणू हादरले आहे सगळीकडे अस्थिर , अशाश्वत, भयावह अशी परिस्थिती आहे हा व्हायरस आला कुठुन ? याची उत्पत्ती कुठुन झाली ? यावर औषध आहे की नाही ? लस मिळेल की नाही ? सगळी परिस्थिती कधी सुरळीत होईल या आणि अशा अनेक प्रश्नांची उत्तरे सध्या तरी निरुत्तरितच आहेत. चीन मधल्या वुहान मध्ये प्रतिष्ठा मिळून येथेच पहिला रुग्ण आढळला त्याचा संसर्ग रूपातून वाढत जावून गुणाकार स्वरूपात वाढुन मोठी आकडेवारी निर्माण झाली त्यानंतर अमेरिका, स्पेन, ईटली इ. युरोपीयन देशात पुर्ण हाहाकार उडाला आहे. आता त्याने भारतातही प्रवेश केला आहे. संपुर्ण जगात कोरोनाची संख्या २६,५०,००० च्या वर गेली आहे. ही भयंकर परिस्थिती पाहुन पंतप्रधान मोदींनी २२ मार्च ला जनता कर्फ्यु घोषित केला व त्याला सर्व भारतीयांनी सक्रिय पाठींबा दिला व लगेच पुढे लॉकडाउन घोषित केला होता. ते ३ मे पर्यंत वाढवण्यात आला अंतरराष्ट्रीय दळणवळण थांबवले. परदेशातून येणाऱ्यांची कडक तपासणी केली. त्यांना क्वारंटाईन विलगीकरण करुन राहण्यास सांगितले तथापी काही जणांनी त्याचे उल्लंघन केले व त्याचा परीणाम भारतात कोरोनाग्रस्थांची संख्या वाढण्यास सुरुवात झाली. त्यात अधिकच भर म्हणजे दिल्लीमध्ये एका धार्मीक संघटनेने मोठा कार्यक्रम घडवून आणला. व ते विविध ठिकाणाहून गोळा झालेल्या लोकांचे माहेरघर बनले. त्यातुनच कोरोनाचा मोठ्या प्रमाणात प्रसार झाला . मोठी –मोठी महानगरे जसे महाराष्ट्रात मुंबई,पुणे,नागपूर यांसारख्या देशातील अनेक मोठ्या शहरात याचे प्रमाण जास्त आहे. भारतातील सर्वाधिक रेड झोन म्हणजे मुंबई आहे. भारताची लोकसंख्या पाहाता १३० कोटी लोकांमध्ये याचा प्रसार अमर्यादित स्वरूपात झाला असता. व अतिशय गंभिर व भयानक परिस्थिती झाली असती की ती हताळणे कठीण झाले असते.

कपडे ,भांडी, इलेक्ट्रीक वस्तू, मोठे मोठे मॉल्स इ. सर्व ठप्प आहे. कोरोना संपेपर्यंत आता सामुहिक सण-समारंभ यावर निर्बंध अल्यामुळे त्याला अनुसरून जे व्यवसाय असतात त्याच्यावरही विपरित परीणाम होणार आहे. पर्यटन व्यवसाय तर पुर्णता: संपुष्टात येणार आहे. याचा कालावधिही खूप मोठा असणार आहे. आज आपण हे सगळं जग हे प्रगतीच्या १० वर्षे मागे जाणार आहे या कोरोना मुळे मोठी जागतीक महामंदी येणार आहे. त्याचे सावट भारतातच नव्हे अख्या जगावरच असणार आहे.सगळ्या वस्तूंच्या किमती ढासळल्या तरी खरेदीदार बाजारपेठेमध्ये उत्सुक नसतील. सगळीकडे जीवीत,मानसिक, अर्थिक संकट हे रौद्र रूप धारण करू पहात आहे. जास्त करून हे युरोपियन देशात अधिक गडद आहे. भारताने वेळीच योग्य निर्णय घेतल्यामुळे परिस्थिती नियंत्रणात आहे. जनतेनेही प्रशासनाला पुर्ण सहकार्य केले पाहीजे. कोरोना हा अद्रुष्य शत्रुच आहे त्याला लढा देण्यासाठी डॉक्टर्स,नर्सस,सफाई कामगार, पोलिस हे स्वतःचा जीव धोक्यात घालून कर्तव्य पार पाडत आहेत. त्यांना मनापासून धन्यवात।।। सिमेवर जवान लढतात त्याप्रमाणे

आज हे देवदूत लढा देत आहेत. आज अमेरिका व चीनमध्ये जो संघर्ष आहे. त्याचे परिणाम संपुर्ण जगाला भोगावे लागणार आहेत. प्रचंड प्रमाणात मनुष्य हानी, अर्थिक स्थिती, औद्योगिक,शैक्षणिक क्षेत्र, सांस्कृतीक घडामोडी, सामान्यसुखी जीवन संपुष्टात यायची भिती आहे. अर्थव्यवस्था टिकवून ठेवण्यासाठी रेड, ग्रीन, ऑरेंज, झोन तयार करून ज्या भागात कोरोनाग्रस्थांची संख्या कमी असेल तिथे उद्योग-धंद्याना चालना दिली आहे. रिझर्व बँकेनेही ५०,००० कोटी रु. चा वित्तपुरवठा अनेक क्षेत्रांना देण्याचे जाहीर केले आहे. त्यामुळे पुनरुज्जीवनामुळे अर्थव्यवस्थेचा कणा ताठ राहण्यास मदत होईल. आज अनेक श्रीमंत लोकांनी कोट्यावधीची मदत

आज अमेरिका व चीनमध्ये जो संघर्ष आहे. त्याचे परिणाम संपुर्ण जगाला भोगावे लागणार आहेत. प्रचंड प्रमाणात मनुष्य हानी, अर्थिक स्थिती, औद्योगिक,शैक्षणिक क्षेत्र, सांस्कृतीक घडामोडी, सामान्यसुखी जीवन संपुष्टात यायची भिती आहे. अर्थव्यवस्था टिकवून ठेवण्यासाठी रेड, ग्रीन, ऑरेंज, झोन तयार करून ज्या भागात कोरोनाग्रस्थांची संख्या कमी असेल तिथे उद्योग-धंद्याना चालना दिली आहे. रिझर्व बँकेनेही ५०,००० कोटी रु. चा वित्तपुरवठा अनेक क्षेत्रांना देण्याचे जाहीर केले आहे. त्यामुळे पुनरुज्जीवनामुळे अर्थव्यवस्थेचा कणा ताठ राहण्यास मदत होईल. आज अनेक श्रीमंत लोकांनी कोट्यावधीची मदत कोरोनासाठी केली आहे. भारताने मलेरीयासाठी वापरण्यात येणाऱ्या गोळ्यांचा पुरवठा कितीतरी देशांना केला आहे. एवढी प्रचंड लोकसंख्या असुनही केवळ योग्य निर्णय , नियोजन , जनतेचे सहकार्य यामुळे भरताने कोरोना नियंत्रणात ठेवला आहे.

कोरोनाच्या लसीकरणाच्या संशोधनाची मोहीम जगाभर चालु आहे.याला नक्कीच यश मिळेल व आपण या कोरोना वर मात करूया.संपुर्ण जगाला चीन वरचा विश्वास उडाला आहे. त्याचा परिणाम मोठ्या मोठ्या कंपन्या चीनमधला आपला उद्योग बंद करून भविष्यात भारतात स्थलांतरित करण्याची संधी उपलब्ध आहे. आपले संस्कार,संस्कृती,आहार-विहार दर्जेदार व योग्य आहे. त्यामुळे आपली प्रतिकारशक्ती उत्तम आहे. त्यामुळे आपल्या सुसंकृत भारताचे आपण सुजाण नागरीक आहोत याचा आभिमान वाटतो. या कोरोनावर मात करण्यासाठी आपणसारे भारतीय एक होवून त्याच्यावर नक्कीच विजय मिळवू,पण ही एवढी सोपी लढाई नाही. संपुर्ण जगातील परिस्थिती सुधारण्यास किमान एक वर्षाचा कालावधी लागेल . अमेरीका व चीन यांच्यामध्ये महासत्ता होण्यासाठी मोठा संघर्ष आहे. पण आपला भारतच काही वर्षा नंतर खरच महासत्ता राष्ट्र बनेल याची आशा,खात्री आणि विश्वास आहे.



अभिजित किरण भोसले
(TY Mech)

॥ सोशल मीडिया बनतोय समाज्याचा अविभाज्य घटक॥

एका आठवड्यापूर्वी कॉलेजच्या व्हाट्सअप्प ग्रुप वर एक मेसेज आला की , आमच्या कॉलेजतर्फे एक मॅगझीन पब्लिश करण्यात येणार आहे आणि त्यासाठी फोटोग्राफ , लेख , कविता अशा अनेक साहित्यिक घटकांचे सादरीकरण करायचे आहे . मी हा संदेश वाचताच ठरवलं की आपण एखादा लेख लिहायचा आहे , मग त्यानंतर अनेक दिवस विचार करत होतो की कोणत्या विषयावर लेख लिहायचा , पण आज दुपारीच माझ्या सोबत एक घटना घडली ज्यामुळे मला माझ्या लिहिण्याला विषय सापडला .

दुपारची वेळ होती , मी घरी आराम करत होतो , इतक्यात माझ्या कोल्हापूरमध्ये कामाला असणाऱ्या काकांचा मला फोन आला की , मला माझ्या ऑफिसच्या दारात एका अज्ञात व्यक्तीचा ड्राईव्हिंग लायसन आणि काही डॉकमेंट्स सापडली आहे , आणि त्यावर तालुका भुदरगड अस मॅशन केलं आहे. मग त्यांनी मला सांगितले की तुझ्या व्हाट्सअप्प मध्ये जर तुमचा एखादा तालुका स्तरावरचा ग्रुप असेल तर त्याच्यावर लायसनचा फोटो पोस्ट कर म्हणजे जर कोणी त्यांच्या ओळखीचं असेल तर तो त्यांच्यापर्यंत पोहोचवेल आणि मग ज्याचा लायसन आहे त्याच्याशी संपर्क करून तो त्याच्यापर्यंत पोहोचवू. मग मी लगेचच माझ्या व्हाट्सअप्प मध्ये असण्याऱ्या दोन तालुकास्तरावरील ग्रुप मध्ये त्या लायसन आणि डॉकमेंट्स चा फोटो आणि त्याखाली माझा मोबाईल नंबर पोस्ट केला. अगदी पंधरा ते वीस मिनिटांमध्ये मला त्या व्यक्तीचा फोन आला ज्यांचा तो लायसन होता. मग मी त्यांना सरळ माझ्या काकांचा मोबाईल नंबर दिला व त्यांनी काकांशी संपर्क करून त्यांचा लायसन आणि डॉकमेंट्स परत मिळवली. त्या संपुर्ण दिवसभरात अर्थात मी ती पोस्ट केल्यानंतर मला अनेक लोकांचे फोन आले जे त्यांच्या परिचयातील होते , मग त्यांना मी सांगितले की त्यांचा लायसन त्यांच्यापर्यंत पोहोचवला.

या घटनेनंतर मला एक गोष्ट लक्षात आली की , सोशल मीडिया चा वापर आपण कसा करायचा आहे , हे आपल्या हातामध्ये आहे. ज्याप्रकारे नाण्याला दोन बाजू असतात त्याचप्रमाणे सोशल मीडिया आणि सोशल नेटवर्किंग च्या सुद्धा दोन आजू आहेत पण आपणच निश्चय केला पाहिजे की मी फक्त चांगलीच बाजू बघेन आणि त्याचा योग्य तो आणि समाजाला पूरक असा उपयोग करेन. आपण सोशलमिडियाकडे कोणत्या दृष्टीने बगतोय त्यावर त्या गोष्टीचा उपयोग , फायदा किंवा तोटा निर्भर असतो. त्याचप्रमाणे आपण सोशलमिडियाचा वापर करून संपूर्ण समाजात बदल घडवून आणू शकतो. सोशल मिडिया हे एक असे माध्यम आहे , ज्याने समाजातील विचारांच्या देवाण- घेवणीमध्ये अमूलाग्र बदल घडवून आणला आहे. आज जर आपल्याला आपला एखादा विचार लोकांपर्यंत पोहोचवायचा असेल तर आपण तो लगेच व्हाट्सअप्प स्टेटस वरून तो आपल्या संपर्कातील सर्व लोकांपर्यंत पोहोचवतो आणि या माध्यमातून खूप कमी वेळामध्ये तो सर्व लोकांमध्ये पोहोचतो सुद्धा. त्याचप्रकारे

आजकाल जाहिरात करण्यासाठी सुद्धा व्हाट्सअप्प, फेसबुक तसेच इन्स्टाग्राम यांचा मोठ्या प्रमाणात उपयोग होतो. युट्युबने तर अनेक लोकांना रोजगार मिळवून दिला आहे. आजकालचे अनेक बेरोजगार तरुण युट्युब वर स्वतःचे चॅनेल उघडून आणि माहितीपूर्ण व्हिडिओज पोस्ट करून पुष्कळ पैसे कमवत आहेत. ट्विटर ने तर विचारांच्या देवाण - घेवणीमध्ये खूप मोठा बदल घडवून आणला आहे. आपला विचार फक्त आपल्या संपर्कातील नव्हे तर संपूर्ण जगामधील लोक खुप कमी वेळेत पाहू शकतात.

सध्याच्या कोरोना परिस्थितीमध्ये इंटरनेट आणि सोशल नेटवर्किंग ने खूप मोठी मदत केली आहे. झूम लाइव्ह मिटिंग आणि इतर ऑनलाइन कॅशन्स च्या मदतीने लाइव्ह मीटिंगचे व्यवस्थापन करू शकलो. व्यवसाय आणि त्याचबरोबर शैक्षणिक क्षेत्रात सुद्धा ऑनलाईन मिटिंग ने खूप मोठी मदत केली आहे. ज्याच्यामुळे अनेक विद्यार्थ्यांचे आणि व्यावसायिकांचे होणारे खूप मोठे नुकसान टळले. आज आपल्या समाजात सोशल मिडिया आणि सोशल नेटवर्किंगचा इतक्या मोठ्या प्रमाणात उपयोग होतो की , जर अर्थ्या किंवा एक तासासाठी जर नेटवर्क सिस्टिम ठप्प झाली तर अनेकांना लाखोंचे नुकसान होते. त्यामुळे आज सोशल मीडिया आणि सोशल नेटवर्किंग ही आजकाळाची मूलभूत गरज बनली आहे. तरीसुद्धा त्याचा उपयोग आपण कशासाठी करायचा आहे हे संपुर्णपणे आपल्यालाच ठरवावं लागेल.

- दर्शन काटाळे,

CSE. FY. DYPSN.

देवाने निर्माण केलेल्या भूमीवर
माणूस आपल्या नावाचे बोर्ड लावून
मोकळा होत आहे ॥१॥
वास्तवीक ही भूमी माणसाची नाही
तर माणूस या भूमीचा आहे ॥२॥
तो भूमीचा मालक नाही
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मनुष्य आपल्या स्वार्थासाठी
त्यांचा वापर करत आहे ॥५॥

प्रतिक्षा देसाई
T.Y (E.E.)

जीवन

जागोपणी स्वप्न पाहताना
वास्तवाला विसरायचं नसतं...

गुलाबाला स्पर्श करताना
काट्यांचं भान ठेवायचं असतं...

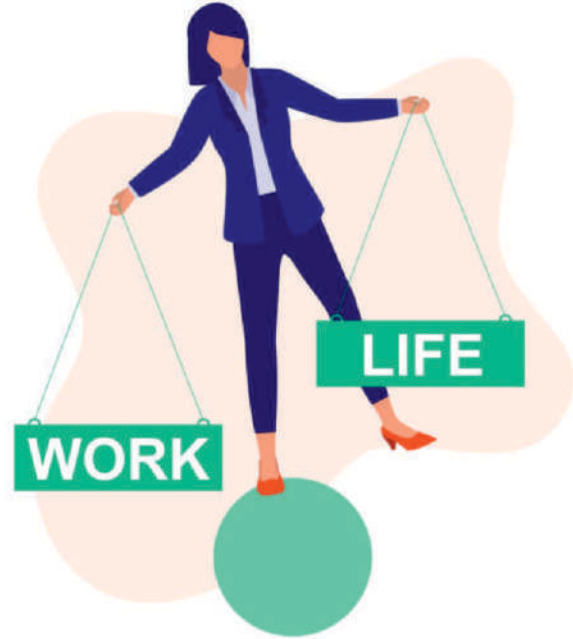
प्रीतीच्या मोह विश्वात वावरताना
जपून पाऊलं टाकायचं असतं...

मनाला फटका आणि काळजाला झटका
बसल्यावर मात्र रडायचं नसतं...

उध्वस्त झालेले विश्व आपलं
शुन्यातून निर्माण करायचं असतं...

आपल्या वेदनांचे मीठ
दुसऱ्याच्या जखमेवर चोळायचं नसतं...

आईच्या दुधाची अन् पित्याच्या घामाची
उतराई झाल्याशिवाय मरणाचं नावसुद्धा काढायचं नसतं...



सायली के. चौगुले,
F.Y. (CSE)

दोस्ती - दुनियादारी

काट्यावर चालून दुसऱ्यासाठी रचलेली
रास म्हणजे मैत्री

तिखट लागल्यावर घेतलेला पहिला

गोड घास म्हणजे मैत्री

एकटे असल्यावर झालेला खराखुरा

भास म्हणजे मैत्री

मरताना घेतलेला शेवटचा

श्वास म्हणजे मैत्री

श्रीमंत मित्रांसोबत वावरताना गरीब

मित्र दुर्लक्षित झाला नाही पाहिजे

आणि

श्रीमंतीच्या आवाज आला नाही पाहिजे

हाच मैत्रीचा धर्म आहे...

मैत्री एक अलगद स्पर्श मनाचा

मैत्री एक अनमोल भेट जीवनाची

मैत्री एक अनोखा ठेवा आठवणीचा

मैत्री एक अतुट सोबत आयुष्याची

मैत्री कधी संपत नाही कधी तुटत नाही

उलटत असली जरी माणसे, मित्र कधी

साथ सोडत नाही.

एकदा फुललेले फुल पुन्हा फुलत नाही

एकदा मिळालेला जन्म पुन्हा मिळत नाही

हजारो माणसे मिळतील आयुष्यात

पण आपल्या हजारो चुकांना क्षमा

करणारे आई-वडिल मात्र पुन्हा

मिळणार नाही.

आयुष्यात फक्त professionally

जगू नका

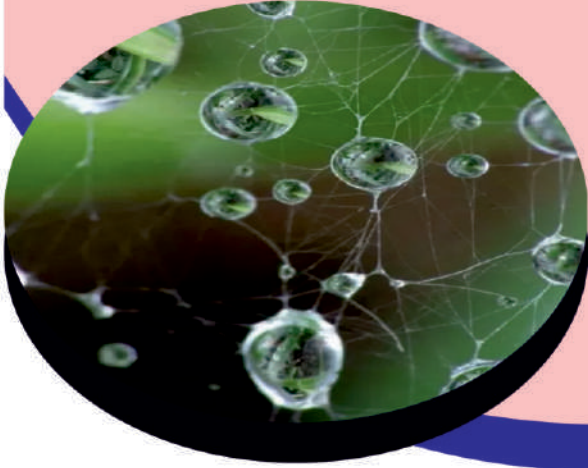
कधी कधी Emotionally पण जगा

कारण professionally माणसं फक्त जवळ येतात आणि

Emotionally माणसे जोडली जातात.

अभिषेक शिवशरण

SY (Electrical)



फुलपाखरु

रानफुला रे रानफुला

घान शोभती रंग तुला

मधुरस आवडे गोड तुला

पानांवरती तुझ्या झुला !?!

पाकळ्यांसम रंगकला

सुंदर इवले पंख तुला !?!

बागडण्याची हौस फुला

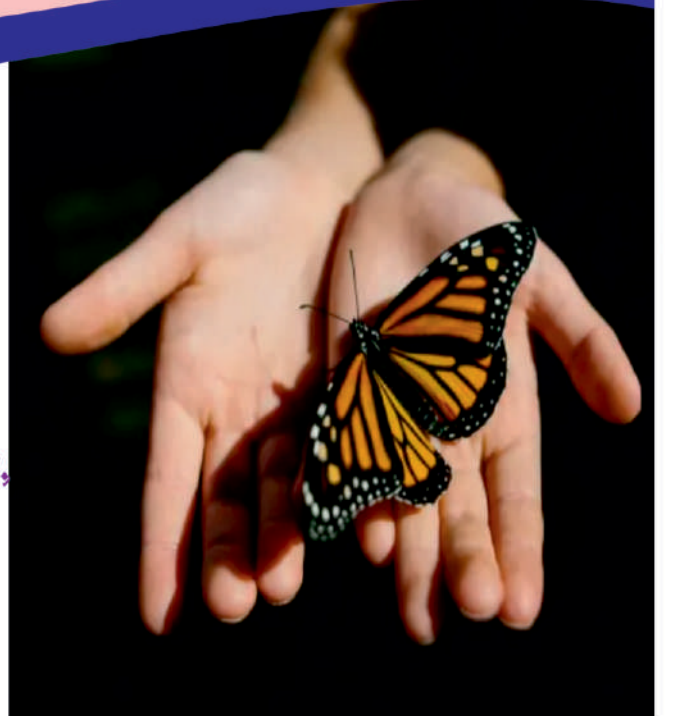
दिले देवाने पंख तुला !?!

लळा लागला तुझा मला

फूलपाखरा नाव काय तुला ?

सायली के. चौगुले,

F.Y. (CSE)



अनैतिकतेचा अंधार

नैतिकता शिकाया शाळा हवी का वर्ग
भिती हवी नरकाची की मिळायला हवा स्वर्ग ।

माझ्या तुझ्यात आहे मानुसकी जीवंत
होणार कसा सांग आपल्या संस्कृतीचा अंत।

वाईट वाटांमध्ये आज शोधू सत्याची वाट
आधुनिकतेच्या नावाखाली नको हा पोकळ थाट।

आधुनिकीकरणाला आपला विरोध नाही
संस्कृती जपण्याची जर त्यात असेल ग्वाही।

जाहिरात असो कि फिल्मी दुनियेची जत्रा
खत्री स्वातंत्र्य आहे हे कि खत्री स्वातंत्र्यास खतरा ।

वेळ आहे अजूनही जपू नैतिकता आपली
देशावेक्यास पाहून सारी दुनिया दिपली ।

जनमानसात करुन नैतिक मूल्यांची जागृती
नैतिक समाजाचे नवनिर्माण हीच खरी प्रगती ।

पसरलाय चोहिकडे अनैतिकतेचा अंधार व्यापक
लावायला हवा मनी मानुसकिचा दिपक ।

झैद ननदानीवाला,
S.Y.(DS)



या साहेब बसा

मनात घेऊन Govt. Job ची आशा,
वर्षभर केली अभ्यासाची नशा,
पण सगळीकडेच पिकला
आमच्या परिक्षेचा हशा,
परिक्षेच्या तारखा
वाढू लागल्या जसजश्या...

पोरग होणार साहेब,
हे ठरवून बापाने खेळला फासा,
याच आशेवर त्यानं कर्जाच्या कागदावर
मारला अंगठ्याचा ठसा,
आता बँका विचारतात
कर्जाचा हफता भरणार कसा...

अवस्था ही पाहून पोरगं रडतयं ढसाढसा
समजून घेण लांबच
सरकार म्हणतय वाट बघत बसा...

वेळ आमची वाईट आहे,
सर्वजण आमच्यावर हसा
आजचा हा डाव,
उद्या नक्की पलटेल फासा
आज आमच्यावर हसणाऱ्यांनो
उद्या तुम्ही नक्की बोलणार,

“या साहेब बसा!”
झा “या साहेब बसा!”

ऋतुजा जठार
TY(Civil)



*There will be a time
where you'll get lot to face
then remember your goal
and hold your grace*

*Everything will be normal
and will be fine
just wait for the chance
which will make you shine*

*Hope for tomorrow
and learn from the past
if you work for today
you won't be the last*

*Smile for yourself
without stress or worry
cherrish every moment
if you want to be happy*

Trupti R. Jalekar,
S.Y. (Electrical)

TIME



मुश्किलें जरूर है,

मुश्किलें जरूर है,
मगर ठहरा नहीं हूँ मैं ।

मौजिल से जरा कह दो, अभी पहुंचा नहीं हूँ मैं,
कदमो को बांध न पाएंगी, मुसीबत कि जंजीर,

रास्तों से जरा कह दो, अभी भटका नहीं हूँ मैं
सब्र का बांध टूटेगा, तो फना कर के रख दूँगा,

दुश्मन से जरा कह दो, अभी गरजा नहीं हूँ मैं
दिल में घुपा के रखी है, लडकपन कि चाहतें,

मोहब्बत से जरा कह दो, अभी बदला नहीं हूँ मैं
साथ चलता है, दुवाओ का काफिला
किस्मत से जरा कह दो, अभी तनहा नहीं हूँ मैं.....

अभिषेक शिवशरण,
S.Y. (Electrical)

Art Section

Photography



Tejas Nikam



**Jayant Jagtap
(TY CSE)**



**Pranav. A. Ghatage
(FY CSE)**



**Pratik Patil
(FY CSE.)**



**Sumedh Sarnaik
(SY DS.)**



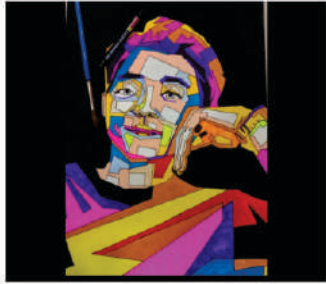
Kuldeep Kamble

Sculpture Art



**Kedar Satpute
(SY Civil)**

Painting



Gayatri Gavakar
(FY CSE)



Omkar Gurav
(TY Mech.)



Ganapati Dhumal
(Lab Asst.)



Riyaj Pathan

Pencil Art



Vibhavari Devane
(FY Civil)



Kuldeep Kamble

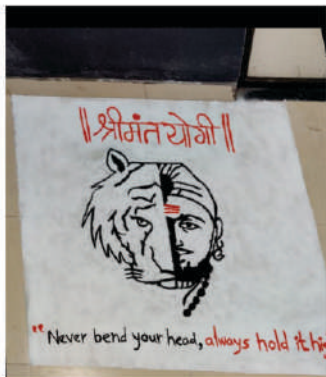


Riyaj Pathan

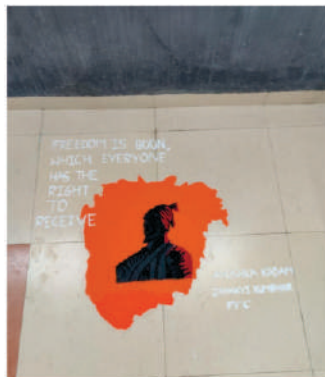


Omkar Gurav
(TY Mech.)

Rangoli Art



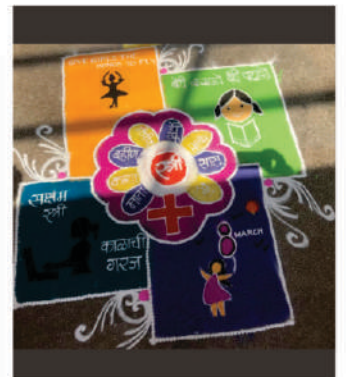
Shraddha Pardeshi
(TY Civil)



Anushka Kadam & Janhavi Kumbhar
(FY)



Swarali Moraskar
(SY CSE)



Women's Day

Student's Achievements

Academic

**FOSSEE, IIT Bombay Fellowship
& Best outgoing student**



**Mr. Asif Sajid Mulla
(B.Tech CSE)**

Best outgoing student



**Miss. Nihareeka Nath
(B.Tech CSE)**

Best outgoing student



**Miss. Shraddha S. Patil
(B.Tech Mech)**

**Won the Title "AutoCAD Master",
in National Level Technical Event Organised by "Bharti Vidyapeeth's College of Engineering - kolhapur"**



Mr. Adarsh Suhas Shete(B.Tech civil)



Mr. Vishal Mane (B.Tech civil)

Soft skills



Mr. Vaibhav Patil(B.Tech civil)



**Vaibhav Nikam Patil & Abhishek Mithari
Won The Title "CAD Experts",
in the National level Tech Fest
Organized by "S. G. Balkundri Institute of technology - Belgavi"**

Student's Achievements

Cultural



Participated in Youth Festival

Mr. Prithviraj Unale (DSY. Civil)



Mr. Prithviraj Unale Secured Silver Medal in Shivaji University Interzonal Bodybuilding Competition

Mr. Varun Patil Secured Bronze Medal in Shivaji University Interzonal Powerlifting Competition (Category-74kg)



Mr. Varun Patil
(SY. Civil)

Sports

Training & Placement Activities



**Felicitation of Mr. Sainath Patil
For Selection in Wingify As a Software engineer**



**Appreciation of selected students
by MLA. Hon. Shri. Ruturaj Patil**



**Prof. Ajinkya Bhosale
TPO**



Firefly Pumps placement drive.



Firefly Pumps placement drive.



Java training By Ethnus.



Softskills training by Ethnus.



GD panel training by Rubicon



Revit Software training.

Placements



Mr. Sainath Patil
(Wingify)



Ms. Pradnya Chavan
(ATOS)



Ms. Asawari Patil
(Cappgemini)



Mr. Asif Mulla
(Cappgemini)



Mr. Rupam Pandey
(Cappgemini)



Ms. Niharika Nath
(Cappgemini)



Mr. Rushikesh Powar
(Cappgemini)



Mr. Suraj Patil
(Cappgemini)



Mr. Juned Mulla
(Cybage)



Ms. Hemlata Kadam
(E-test)



Mr. Atharva Patil
(Hexaware)



Ms. Aishwarya Karande
(Palle Technologies)



Ms. Anmol Ratnagol
(Wipro)



Mr. Nayan Parab
(Cognizant)



Ms. Namrata Bhoi
(Cyber success)



Ms. Neha Patil
(Cyber success)



Mr. Avadhut Mane
(Mphasis)



Ms. Pooja Gunde
(Mphasis)



Mr. Manthan Kambale
(Palle Technologies)



Mr. Tejas Patil
(Akron System)



Mr. Mahesh Sutar
(ATOS)



Mr. Shubham Shingare
(ATOS)



Mr. Omkar Sutar
(Hidden Brains)



Mr. Vidhyanchal Sharma
(Hidden Brains)



Ms. Shruti Narwade
(Infosys)



Mr. Kunal Chougule
(Infosys)



Mr. Manthan Kambale
(Infosys)



Ms. Namrata Shelke
(Infosys)



Mr. Siddhiraj Telwekar
(Infosys)



Mr. Swaroop Gaikwad
(Infosys)



Mr. Vijay More
(MSYS)



Ms. Pranjal Joshi
(Nelito)



Ms. Pooja Salvi
(Rapidforce)



Mr. Akash Desai
(Revature)



Ms. Prachi Patil
(TCS)



Mr. Rutvik Jadhav
(TCS)



Ms. Sadichha Patil
(TCS)



Ms. Shivani Ghorpade
(TCS)



Ms. Saniya Jadhav
(ATOS)



Mr. Samrat Chougale
(Bosch)



Ms. Pooja Dhumal
(Wipro)



Ms. Sakshi Mane
(Wipro)



Mr. Rehan Redkar
(Wipro)



Ms. Sakshi Lokhande
(Wipro)



Ms. Vaidehi Bhosale
(Wipro)



Ms. Mumtaz Shaikh
(Infosys)



Mr. Omkar Paymal
(Juniper pvt LTD)



Mr. Sahil Mulla
(Juniper pvt LTD)



Ms. Divya Bhosale
(RDC)



Mr. Pranav Chopade
(A G Steerings)



Mr. Arbj Mulla
(Accenture)



Mr. Umesh Khot
(Asian Paints)



Mr. Aniket Mohite
(Cappgemini)



Mr. Vicky Surushe
(Cappgemini)



Mr. Saad Bagwan
(Firefly Pumps)



Mr. Shantanu Japtiwale
(Firefly Pumps)



Mr. Somesh Patil
(Ghatage Group)



Mr. Parth Patil
(Hughes Precision)



Ms. Padmaja Ingavale
(Wipro)



Mr. Dilip Sutar
(Infosys)



Mr. Suyash Jagdale
(Infosys)



Mr. Vijaysinh Mohite
(Infosys)



Mr. Deepak Patil
(Infotech)



Mr. Aniket Mohite
(ITI)



Mr. Kalpesh Awale
(Menon Engineering)



Mr. Yashraj Patil
(Menon Engineering)



Ms. Ashwini Shejal
(Cyber success)



Mr. Harshvardhan Tibile
(Pentagon)



Mr. Omkar Pataneekar
(Pentagon)



Ms. Pradnya Patil
(Pentagon)



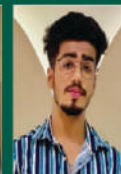
Mr. Rupam Pandey
(Pentagon)



Ms. Shweta Kadam
(Pentagon)



Ms. Triveni Barkale
(Pentagon)



Mr. Humald Ladaji
(Wipro)



Mr. Shubham Parit
(Wipro)



Ms. Amisha Jadhav
(Cybage)



Mr. Yasar Desai
(Wipro)

Annual General Report

Department of Computer Science & Engineering

List of Guest Lecture

Sr. no	Name of Topic	Name Of Guest	Date
1	Coding club	Mr. Ankush Vankore	Every Saturday
2	C# Programming	Mr. Sameer Patil	21/03/2022
3	C# Programming	Mr. Rohit Raut	09/04/2022
4	Machine Learning	Dr. Sarita Balshetwar	16/06/2022

List of Events Organized

Sr. no	Name of Event	College/State/National
1	Code up Community	College
2	Coding Club	College

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc...)

Sr. no	Name	Name of Event	Prize
1	Asif Mulla	IIT Bombay	Fellowship
2	CSE Department	General Championship	Runner Up
3	CSE Department (Girls)	Tug of war	First
4	CSE Department (Boys)	Tug of war	First
5	CSE Department (Girls)	Cricket	First
6	CSE Department (Boys)	Cricket	Second
7	CSE Department (Boys)	Volleyball	Third
8	Shreya Atiwadkar	Carom (Girls)	First
9	Sakshi Suryawanshi	Badminton (Girls)	First
10	Sakshi Mane	Table Tennis (Girls)	Second
11	Akshata Shinde	Carom	Second
12	Sakshi Patil	Chess	Second
13	Akshay Mane	Poster Competition	Second

Paper Publication and Patents by Faculty

Sr. no	Name of Faculty	Name Of Publication/ Patent	Publication Name	Date
1	Mrs. Rucha Gurav	Review on Smart Dairy ERP	IJTSRD	29/09/2021
2	Mrs. Vanashri Shinde	System Based on Android		
3	Miss Shailaja Panhalkar	Application		

List of Departmental Activities

Sr. no	Name of Program	Location	Date
1	Visit	Lokamat Office	30/11/2021
2	Visit	Shahu Mill	04/05/2022
3	Visit	Panhala Radio Station	20/05/2022

Class Toppers

Sr. No.	Name of Student	Department	Semester	Rank	Percentage
1	Aniket Chavan	CSE	III	First	85.75
2	Pratik Patil	CSE	III	First	85.75
3	Avinash rathod	CSE	III	Second	85.37
4	Sahil Chougule	CSE	III	Second	85.37
5	Shivam Chougale	CSE	III	Second	85.37
6	Vishal Dange	CSE	III	Second	85.37
7	Swaroop Patil	CSE	V	First	92
8	Samruddhi Pandharpure	CSE	V	Second	89
9	Asif Mull	CSE	VII	First	87.25
10	Niharika Nath	CSE	VII	Second	86.57

Best Out Going Students

Sr. No.	Name of Students	Department
1	Asif Mulla	CSE
2	Niharika Nath	CSE

Department of Mechanical Engineering

List Of Guest Lecture			
Sr. No	Name of Topic	Name of Guest	Date
1	Hydrogen Fuel and It's Applications	Mr. Anand Thakare	18 th April 2022
2	Assignment and Transportation	Mr. Amar Ekal,	4 th June 2022
3	PERT and CPM	Mr. Galage	10 th June 2022
4	Metrology and Quality Control	Mr. Shikalgar	10 th June 2022

List Of Event Organized			
Sr. No	Name of Topic	Name of Guest	Date
1	Ethnus Training – Company Specific aptitude and life skills topic	College	6/03/2022-11/03/2022
2	World Water Day	College	23/03/2022
3	Centre of Excellence – Internship Program	College	01/06/2022

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc...)				
Sr. No	Name	Name of Event	State/ National / Zonal	Prize
1	Abhishek Manik Giri	Sport - Tennis/Volleyball	National - 1 State - 2	Certificate and Trophy
2	Suyash Paymal	Sport - Football	State	Certificate and Trophy
3	Tanmay Magdum	Sport - Football	State	Certificate and Trophy
4	Abhijeet Bhosale	Sport - Kabaddi	Zonal	Certificate and Trophy

Paper Publication And Patents By Faculty/Student				
Sr. No.	Name Of Faculty/ Student	Name Of Publication/ Patents	Publication Name	Date
1	Prof. Kedar L.Gaikwad	Recent Trends in Solar Cells	International Journal Of Creative Research Thoughts	29/10/ 2020
2	Prof. Kedar L.Gaikwad	Materials for Solar Energy	International Journal For Research In Applied Science And Engineering Technology	22/03/2021
3	Prof. Kedar L.Gaikwad	Review on Performance and Emission of Biodiesel in I.C Engines with and Without Addition of Nano Additive	International Journal Of Creative Research Thoughts	04/04/2020
4	Prof. Kedar L.Gaikwad	Environmental Impact Assessment (EIA)	IJER	2/07/2020

List Of Departmental Activities				
Sr. No	Name of Program	Site Visit	Date	No of Student Participated
	TE Mechanical Engineering	Industrial Visit – Kirloskar Oil Engine	03/06/2022	28 Student s

Class Topper List					
Sr. No.	Name of Student	Department	Year (SY, TY, BTech)	Rank	Percentage
1	Nikhil K. Ambuskar	Mechanical	TY B Tech	I st	89%
2	Omkar V. Jadhav	Mechanical	TY B Tech	II nd	88%
3	Sagar Prakash Sawant-Desai	Mechanical	TY B Tech	III rd	87%
4	Bhuvaneshwari M. More	Mechanical	B Tech	I st	86.32%
5	Shraddha S. Patil	Mechanical	B Tech	II nd	86.19%
6	Deepak Subhash Patil	Mechanical	B Tech	III rd	84.77%

Best Outgoing Student				
Sr . No.	Name Of Student	Department	Academic Activity	Other Activity (Sport / Cultural/ TPO)
1	Shraddha S. Patil	Mechanical	Second Class Topper	Cultural

Department of Civil Engineering

ListOfGuestLecture			
Sr.No	NameOfTopic	NameOfGuest	Date
1	Sustainable materials and Engineering	Dr.Karol Sikora	4 th March 2021
2	Environmental awareness and ecological cycle	Dr. Maya Ray	5 th June 2021
3	Mastering Interview skills	Mr. Manish Nair	30 th June 2021
4	Enterpreunirship opportunities in civil engineering	Mr. SubhashMandhana	8 th July 2021
5	Solar Energy and its scope for Civil and Electrical Engineering students	Mrs. AnujaSabnis	1 st December 2021
6	Guidance for GATE and IES exams	Mr. AnujRawat	5 th April 2022

UsOfEventsOrganized			
Sr.No	NameOfEvent	College/State/National/	Date
1	Breathing earth Poster competition	National	4/09/ 2021
2	"Women's health and Balance Diet".	Dr.Mrs.ShubhangiPatil	26/09/2019
3	"2 weeks Revit training workshop	Caddcentre Kolhapur	28/3/2022 13/4/2022

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc)				
Sr.No	Name	NameOf Event	State/National/Zone	Prize
1	JPradmeshShinde	JTennis	Inte Zone	0

Paper Publication And Patents By Faculty/Student				
Sr.No.	NameOf Faculty	NameOf Publication/Patents	Publication Name	Date
1	Dr, RashmiJadhav	Patent Published 'A friction based analysis of heat transfer efficacy on grooved tubes on a diesel engine cylinder	IPR Application No.202121046848 A Publication	29/10/2021
2	Dr, RashmiJadhav	Paper Publication Thermo-mechanical Modelling and Analysis of Adaptive NiTi Shape Memory Alloy Plates	Advances in Asian Mechanism and Machine Science, Springer Proceedings of IFTOMM Asian (electronic) Mechanisms and Machine Science, (eBook)	
3	Dr, RashmiJadhav	Paper Publication 'Comparative analysis of Steel and NiTi-SMA for residual displacement':	Journal Of Xian University Of Architecture & Technology, Volume XIII,	
4	Mrs. M. P. Shinde	Removal of Nitrate from simulated wastewater using selective filter media.	International Journal of Scientific Research in Engineering and Management (IJSREM)	April 2021

ListOfDepartmentalActivities				
Sr.No.	NameOfProgram	SiteVisit	Date	NoOfStudentParticipated
1	SiteVisit	BE Civil Vermicomposting Visit	24/09/2019	45 students
2	SiteVisit	TE Civil Water Treatment Plant,	10-04-2019	68 students
3	SiteVisit	Metrological Station,	01-10-2019	80 students

Class Topper List					
Sr.No.	NameOf Students	Department	Year	Rank	Percentage
1	SALONI SANDIP MANE	Civil	SY	First	94.70
2	SHUBHAM VIJAY JAGDALE	Civil	SY	Second	93.40
3	SWETA SUNIL PATIL	Civil	SY	Third	93.23
1	POONAM SHANKAR PATIL	Civil	TY	First	90.88
2	SANCHAL AJIT KUMBHAR	Civil	TY	Second	90.50
3	PRATIKRAJ DATTATRAY PATIL	Civil	TY	Third	90

Department of Data Science

List of Guest Lecture

Sr. no	Name of Topic	Name Of Guest	Date
1	Coding club	Mr. Ankush Vankore	Every Saturday
2	C# Programming	Mr. Sameer Patil	21/03/2022

List Of Events Organized

Sr. no	Name of Event	College/State/National
1	Code up Community	College
2	Coding Club	College

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc)

Sr. no	Name	Name of Event	Prize
1	DS Department	Volleyball	Runner Up
2.	Vaibhav Kumbhar	Chess	2 nd Rank

Paper Publication and Patents by Faculty

Sr. no	Name of Faculty	Name Of Publication/ Patent	Publication Name	Date
1	Mrs. Rucha Gurav	Review on Smart Dairy ERP System Based on Android Application	IJTSRD	22/07/2021
2	Mrs. Vanashri Shinde			
3	Miss Shailaja Panhalkar			

List of Departmental Activities

Sr. no	Name of Program	Location	Date
1	Visit	Lokamat Office	30/11/2021
2	Visit	Shahu Mill	04/05/2022

Class Toppers

Sr. No.	Name of Student	Department	Semester	Rank	Percentage
1	Mr. Prashant Mandavkar	DS	III	First	88.5
2	Ms. Disha Shinde	DS	III	First	87.5

Department of General Science & Engineering

List of Guest Lecture

Sr. no	Name of Topic	Name Of Guest	Date
1	Applied mathematics	Mr. A. D. Patil	31/01/2022
2	Applied mathematics	Mr. A. D. Patil	15/02/2022 to 17/02/2022

List of Events Organized

Sr. no	Name of Event	College/State/National
1	FDP	College

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc..)

Sr. no	Name	Name of Event	Prize
1	FY	Cricket	Runner up

Paper Publication and Patents by Faculty

Sr. no	Name of Faculty	Name Of Publication/ Patent	Publication Name	Date
1	Ms. S S Khandagale	Experimental Study on L-shape, I-shape and C-shape RCC Structure Behaviour due to wind load	JSRE Journal	03/05/2021

List of Departmental Activities

Sr. no	Name of Program	Location	Date
1	Visit	Kasari Dam & trek to the Aamba Devrai	11/06/2022
2	Visit	Under Construction Building	18/06/2022

Class Toppers

Sr. No.	Name of Student	Department	Semister	Rank	Percentage
1	Sakshi Dhanaji Jadhav	GSE	I	I	82.13
2	Revati Jagdish Ingavale	GSE	I	II	81.86
3	Aniket Santos Mali	GSE	I	II	81.86
4	Mrunal Mahadev Shinde	GSE	I	II	81.86

Department of Electrical

List Of Guest Lecture			
Sr.No.	Name Of Topic	Name Of Guest	Date
1	Indian Navy-The Ocean of opportunities	Commander. Vijay Gadkari	31th Marcch 2022
2	What Employers Want From Engineering Graduates	Mr. Milind Salunke (General Manager) Kone Elevators	3rd July 2021

Staff/Student Achievement (Sports, Cultural, Projects, Technical Events Etc...)				
Sr.No.	Name	Name Of Even	State/National/Zonal	Prize
1	Suryakant Kubade	Weight lifting/Kabaddi	State / Zonal	2 nd / Runner Up

List Of Departmental Activities				
Sr.No.	Name Of Program	Site Visit	Date	No Of Student Participated
1	Site Visit	Tillari Power Station	09/12/2021	50 students
2	Site Visit	All India radio station, Kasba Bawda & Panhala	13/04/2022	20 students

Class Topper List					
Sr.No.	Name Of Students	Department	Year {SY, TE, BE}	Rank	Percentage
1	Bhaktibhavna Bhupal Kolekar	Electrical	SY	First	92.37
2	Prasad Sharad Jadhav	Electrical	SY	Second	90.12
3	Divya Ganesh Tibile	Electrical	SY	Third	87.62
3.	Yash Chandrakant Mahajan	Electrical	SY	Third	87.62
1	Nikita Sambhaji Patil	Electrical	TY	First	88.54
2	Rushikesh Sunil Salokhe	Electrical	TY	Second	88.43
3	Saumya Anand	Electrical	TY	Third	87.68

Best Outgoing Student				
Sr.No.	Name Of Student	Department	Academic Activity	Other Activity (Sport/Cultural/TPO)

Department Wise Labs Expenditure			
Sr.No.	Name Of Labs	Equipments Name	Expenditure Of Labs
1	BEE/EE/BCT Lab	Basic Electrical Equipments	6,83,125
2	Power Electronics Lab	Power Electronic devices	6,50,40
3	AE/FECP Lab	Analog Electronic Devices	51,100
4	Electrical Measurement	Electrical Measurement Instruments	2,57,540

Teaching & Non Teaching Staff



Department of Computer Sci. & Engg.



Department of Data Science



Department of Mechanical Engg.



Office Staff



Department of Electrical Engg.



Department of General Sci. & Engg.



Department of Civil Engg.



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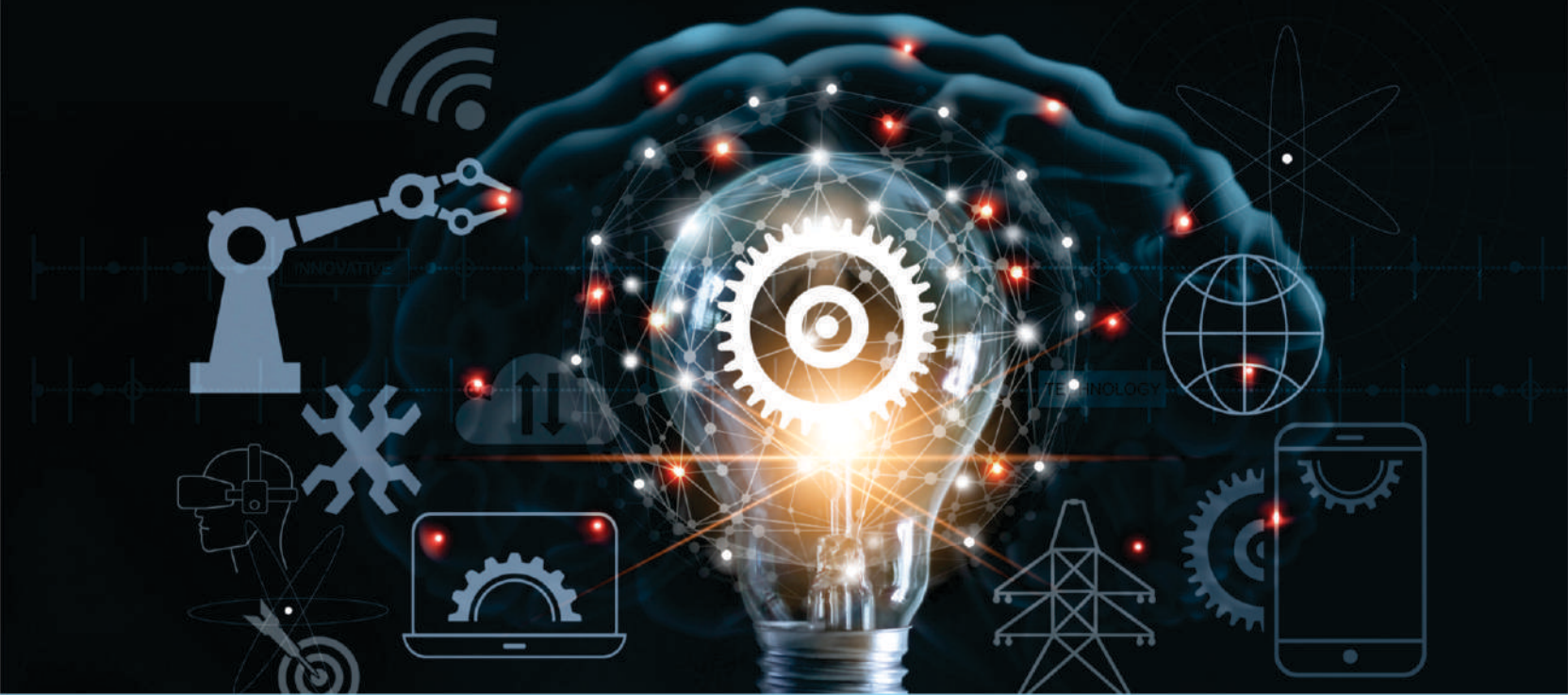
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