



DTE Code: 4151

MSBTE Code: 1683

TULSIRAMJI GAIKWAD-PATIL
College of Engineering & Technology

Approved by AICTE, Recognized by Govt. Maharashtra & Affiliated to MSBTE, Mumbai

— POLYTECHNIC —



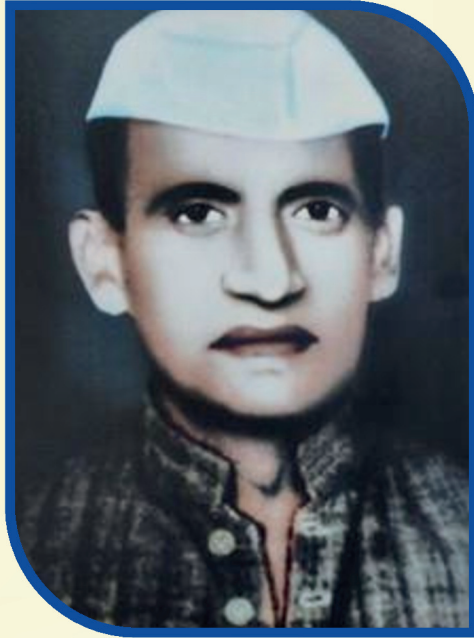
KALEID SCOPE

MAGAZINE

2022-23



GAIKWAD-PATIL
GROUP OF INSTITUTIONS



Late Shri. Tulsiramji Gaikwad-Patil
(1th April 1915 - 18th July 1986)

OUR INSPIRATION

Education is a tool to make life worthwhile, not just a means to earn a livelihood. We have always believed that the true role of education is to turn out good and competent human beings with a healthy respect for respect for personal, professional and social ethics.

VISION



To emerge as a learning Center of Excellence
in the National Ethos in Diploma in
Engineering.

MISSION



M1: To elevate the standards of students through ethical practices.

M2: To provide facilities and services to meet the challenges of Industry and Community.

M3: To ascertain holistic development of the students and staff members by inculcating knowledge and profession as work practices.

MANAGEMENT DESK

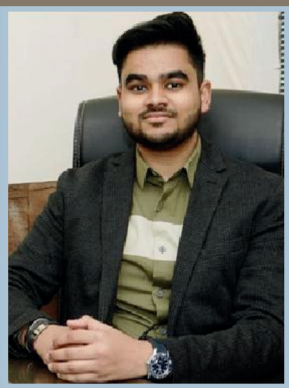


Dr. Mohan Gaikwad, *Chairman, Gaikwad-Patil Group of Institutions*



Dr. Mohan Gaikwad, with more than twenty years of experience in education system to his credit, established the Gaikwad-Patil Group of Institutions in Nagpur to cater to the quality education needs of the youth in Vidarbha. His early experience of teaching in an engineering college made him acutely aware of the dissonance between engineering education in the country and the requirements of the industry. He therefore began with a dream of starting an engineering college that equips students with knowledge, skills and attitudes relevant to the industry. That dream has manifested today in the form of two engineering colleges, well known in the region for their constant striving to impart quality and industry-relevant education to their students. Hardly in his early forties, Dr. Mohan Gaikwad-Patil is the young and dynamic face of the Group. His contagious enthusiasm and unflagging drive is truly inspiring.

Mr. Akash Gaikwad-Patil, *Vise-Chairman, Gaikwad-Patil Group of Institutions*



We envision a time when youth from different regions are engaged in all sectors of technology and management where issues affecting young people are debated and decisions make. We create a network of youth empowered with skills and knowledge, to be able to contribute to healthy economy and growth of the society and nation. We are molding young minds t be active in global events where their opinions can be listen to and respected. We are committed to create a vibrant and stimulating environment to live and learn.

MANAGEMENT DESK



Dr. Anjali Patil-Gaikwad, *President, Gaikwad-Patil Group of Institutions*

With first class post graduate degrees in English Literature, Mass Communication and Sociology, plus M. Phil. in English Literature and now a Ph. D. in English, Dr. Anjali Patil- Gaikwad is an academician of repute. In addition to regular participation and paper presentation in national and international seminars, she has also been organizing international seminars on teaching and learning of English as a Second Language every year. Formerly associated with the Indian Liberal Group, she was the Secretary General of Liberal Youth South Asia, and has extensively toured various countries such as U. S., Germany, Belgium, Nepal, Sri Lanka, UAE, Mauritius, Thailand etc. She was also elected to the Senate of RTM Nagpur University.



Prof. Sandeep Gaikwad, *Treasurer, Gaikwad-Patil Group of Institutions*

Gaikwad-Patil Group of Institutions one of the best Engineering Institutions in Centre India. To serve this institution as Treasurer is a nice experience for me. Started in the year 2007, the college has made tremendous progress undiversified fields, thanks to the contributions from philanthropists, Technology experts, Research centers and dedicated staff.

The essence of the life is to live a life for others and die for a noble cause. We at AGPCE express our gratitude for receiving an opportunity to serve the nation. We have a crystal clear vision of enlightening the student brain with sound and technology-rich academic curriculum. We pledge to ensure that the students of AGPCE will not only progress in their respective fields but will also become the responsible citizen by abiding to the rules and will live a disciplined life. I strongly believe in team work, only a good TEAM can bring out excellent results. By TEAM, I mean Together Empowering to Achieve More - so work as a team with good coordination to move towards excellence.

MANAGEMENT DESK



Dr. Anil V. Kale, *Principal, Gaikwad-Patil Group of Institutions*



It gives me immense pleasure and pride in welcoming you to Tulsiramji Gaikwad-Patil College of Engineering & Technology, one of the rapidly growing institutions in Vidarbha, dedicated to fostering technical education in the region. The vision of our institution is to empower youths and to produce technically skilled manpower with very high moral values that are not only employable but are also capable of creating employment for masses. Our mission is to provide outcome based education by providing all necessary inputs, facilities and environment to empower our students in all possible ways. We understand that co-curricular and extra-curricular activities help in enhancing ones personality. This institution provides an environment for nurturing these activities so that young men and women get an opportunity to upgrade their skills and show cases their talent. To strengthen the wings of our students we have dynamic and dedicated workforce. Tulsiramji Gaikwad-Patil College of Engineering & Technology is committed to employing, developing and retaining the best teachers.

Prof. Pragati Patil,
Vice-Principal, Gaikwad-Patil Group of Institutions



Albert Einstein said, “Education is not about learning of facts but training young minds to think.” There is a big difference between cramming up facts and learning them so that they can be applied in productive ways. At TGPCET, we try to work towards holistic development of our students by providing them the tools and experiences that encourage our students to think. The aim is to create empowered minds so that students are able to decide what is good for them, differentiate between right and wrong, choose opportunities that help build them up and enable them to live in harmony with all existence. As the Vice Principal, I am delighted that the institute’s values align with my own personal values, including the importance of trust, respect, innovation and a sense of community.

INDEX



- About Department
- Editorial Board
- Toppers
- Events & Activities
 - ✓ Guest Lectures
 - ✓ Induction Program
 - ✓ Visits and Workshops
 - ✓ Traits of a successful Entrepreneur
 - ✓ Tree Plantation
 - ✓ Personality Development
 - ✓ Poster Competition
- Institute In Media
- Poems
- Articles
- Sketches
- Nature's Clicks
- Industry MoU

Computer Science and Engineering Department

VISION

“To emerge as a learning Centre of Excellence in the domain of Computer Science and Engineering to produce proficient diploma engineers”.

MISSION

- To impart quality technical education in the field of Computer Science & Engineering and develop the skill through modern teaching & learning method.
- To provide learning environment to face societal and industrial challenges of Computer Science & Engineering.
- To ensure overall development of students and staff members by inculcating knowledge and professional ethics as a part of lifelong learning.

PROGRAM OUTCOMES (PO)

- Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods. □
Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PEO 1:** Provide socially responsible, environment friendly solutions to Computer engineering related broad based problems adapting professional ethics.
- **PEO 2:** Adapt state-of-the-art Computer engineering broad-based technologies to work in multi-disciplinary work environments.
- **PEO 3:** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PSO1:** Computer Software and Hardware Usage: Use state-of-the-art technologies for operation and application of computer software and hardware.
- **PSO2:** Computer Engineering Maintenance: Maintain computer engineering related software and hardware systems.

Electrical Engineering Department



VISION

“To Emerge as a learning Centre in the Domain of Electrical Engineering.”

MISSION

- **M1:** To impart quality technical education through effective teaching & learning process.
- **M2:** To provide learning environment to face societal and industrial challenges of Electrical Engineering.
- **M3:** To ensure overall development of students and staff members by inculcating knowledge and professional ethics as a part of lifelong learning.

PROGRAM OUTCOMES (PO)

- Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.
- Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1.** Electrical Equipment: Maintain various types of rotating and static electrical equipment.
- **PSO 2.** Electric Power Systems: Maintain different types of electrical power systems.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1.** Provide socially responsible, environment friendly solutions to Electrical engineering related broad-based problems adapting professional ethics.
- **PEO 2.** Adapt state-of-the-art Electrical engineering broad-based technologies to work in multi-disciplinary work environments.
- **PEO 3.** Solve broad-based problems individually and as a team member communicating effectively in the world of work.

Mechanical Engineering Department



VISION

To be a premier center for producing competent Mechanical Engineers to meet industrial demands and societal needs.

MISSION

- To provide better environment to the students and faculty members, creating an ambience conducive for excellence in Mechanical Engineering education.
- To strengthen industry institute interaction to meet the challenges of industry and society
- To impart quality technical education to inculcate moral values, professional ethics and entrepreneurial qualities.

PROGRAM OUTCOMES (PO)

- Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods.
- Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1:** Modern Software Usage: Use latest mechanical related software for simple design, drafting, manufacturing, maintenance and documentation of mechanical components and processes.
- **PSO 2:** Maintenance and selection of machines, equipment, instruments: Maintain and select appropriate machine, equipment and instrument in field of Mechanical Engineering.
- **PSO 3:** Manage Mechanical Process: Manage the mechanical process by selection and scheduling right type of machinery, equipment, substrates, quality control techniques, operational parameters and software for a particular mechanical process or job for economy of operations

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO 1:** Provide socially responsible, environment friendly solution to mechanical engineering related broad-base problem adopting professional ethics
- **PEO 2:** Adapt state of the art, mechanical engineering broad-based technologies to work in multi-disciplinary work environment
- **PEO 3:** Solve broad-based problems individually and as team member communicating effectively in the world of work

Civil Engineering Department



VISION

To impart quality technical education in civil engineering to develop employable civil diploma engineers.

MISSION

- To provide essential knowledge & skill to develop employable civil engineer.
- To Motivate the faculty members and students in the teaching learning process for achieving excellence to meet the global standard.
- To produce engineers with high professional and ethical standards for fulfilling the needs of the industry and society.

PROGRAM OUTCOMES (PO)

- Basic and Discipline specific knowledge: Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- Problem analysis: Identify and analyse well-defined engineering problems using codified standard methods. Design/ development of solutions: Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- Engineering Tools, Experimentation and Testing: Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- Engineering practices for society, sustainability and environment: Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- Project Management: Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- Life-long learning: Ability to analyse individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES(PSO)

- **PSO 1-** Construct and maintain roads, bridges irrigation structure and buildings
- **PSO 2 -** Use appropriate Techniques to test the civil engineering material

PROGRAMME EDUCATIONAL OBJECTIVES (PEO's)

- **PEO1.** To create civil engineering professionals ready for industry, government or other Organizations by implementing efficient civil engineering practices.
- **PEO2.** To Make use of formal and informal learning opportunities to sustain and improve technical, Personal and professional growth and get various licensure.
- **PEO3.** To develop professional skills and by using modern tools in civil engineering
- **PEO4.** To relate broad civil engineering education for effective communication of civil Engineering concepts orally and in written forms.
- **PEO5.** To guide principles of sustainable development and to promote the students for continuous Learning and development with professional moral and ethical values.

EDITORIAL BOARD



***Co-Ordinator
Mr. Vipin Muley***



***Co-Ordinator
Ms. Sneha Bhange***



***President Mr.
Shubham Ajbale***



***Vice - President
Ms. Ayushi Moon***



***Secretary
Mr. Swastikraj Pradhan***

EDITORIAL BOARD



Member
Mr. Aryan Karade



Member
Mr. Kartik Pardhi



Member
Ms. Tanushree Wanjari



Member Mr.
Abhishek Tiwari



Member
Mr. Ajmal Khan



Member
Mr. Sanket Pipare

TOPPERS

Department of Computer Science & Engineering

1st Year Topper



Mr. Manas Doye

2nd Year Topper



Ms. Tanushree Gaikwad

3rd Year Topper



Ms. Anushree Tongse

Department of Mechanical Engineering

3rd Year Topper



Mr. Rajat Shrirame

3rd Year Topper



Mr. Mandar Petkar

Department of Civil Engineering

3rd Year Topper



Ms. Shivani Gonnade

3rd Year Topper



Ms. Prajakta Uike

Department of Electrical Engineering

3rd Year Topper



Ms. Hina Ghode

2nd Year Topper



Mr. Kartik Wandhare

TULSIRAMJI GAIKWAD -PATIL
COLLEGE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC MOHGAON, NAGPUR



EVENTS AND ACTIVITIES

GUEST LECTURES



***“OOPS WITH JAVA AND
ADVANCE JAVA” By Mr.
Nakul Deshmukh***

***“EXPERT LECTURE ON JAVA
AND ADVANCE JAVA” By Mr.
Santosh Selokar***



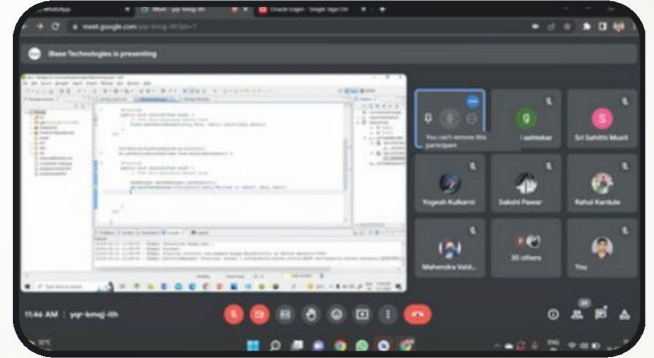
***“Expert Lecture on Personality
Development” By Mr. Santosh
Selokar***

GUEST LECTURES



“EXPERT LECTURE ANDROID APPLICATION DEVELOPMENT”

By Mr. Nakul Deshmukh



“WORKSHOP ON SOLID WORKS”

“EXPERT LECTURE ON AUTO CAD” By Mr. Manoj Pandav



INDUCTION PROGRAM



Inauguration Program



Lamp Lightning



Inauguration Program



Lamp Lightning



Anchor Ms. Sneha Atkare



Lamp Lightning



Felicitation of Guest



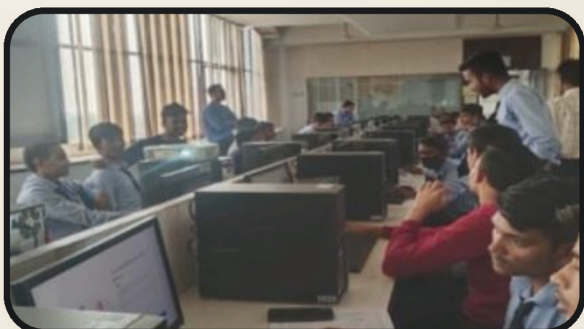
Inauguration Program

VISIT & WORKSHOP

Industrial Visit



Workshop



TRAITS OF A SUCCESSFUL ENTREPRENEUR



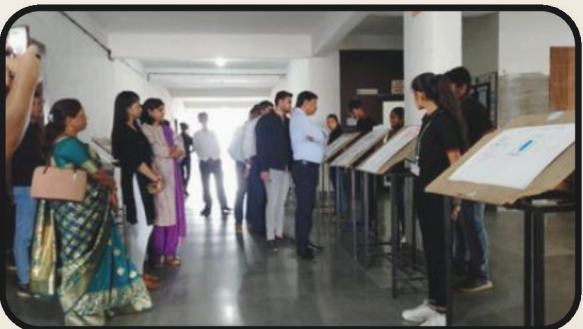
TREE PLANTATION



PERSONALITY DEVELOPMENT



POSTER COMPETITION



INSTITUTE IN MEDIA

Lokmat Times

HR conclave held at TGPCET



The guests during opening of HR conclave at Tulsiramji Gaikwad-Patil College of Engineering and Technology.

The training and placement department of Tulsiramji Gaikwad-Patil College of Engineering and Technology organised the GPG HR Conclave 2022 (Session I, II & III) recently. The conclave conducted to improve curriculum to make our students 'Globally Competent, locally relevant and develop skills as required by industry to raise their employability'. The session-I was inaugurated in presence of HR industry dignitaries.

The objective and purpose of HR conclave brief was informed by the dean Prof. Vidhyadhar Kshirsagar. The opening remark given by director III, Prof. (Dr) Prashant Kadu enlightened the participants about the importance of Industry academics collaboration for enhancing mutual objectives for creating globally competitive employable youth.

Nagpur First
Page No. 2 Mar 15, 2022
Powered by: erelego.com

Gaikwad Patil Poly conducts faculty development prog



The department of computer science and engineering of Tulsiramji Gaikwad Patil College of Engineering and Technology (second shift) Polytechnic had organized a faculty development programme on UBUNTU operating system recently. The aim of the workshop was to guide faculties about salient features of UBUNTU Linux operating system. Mukul Pande, director (IT) was the chief guest. GK Awari, principal, TGPCET, Vijay Bagdi and Anup Gade were also present on the occasion.

नागपूर : तुळशीराम गायकवाड पाटील कॉलेज ऑफ इंजिनीअरिंग येथे नुकतेच जीपीजी एचआर कॉन्क्लेव्चे आयोजन करण्यात आले होते. विद्यार्थ्यांकरिता जगतिक दर्जाचा आणि कौशल्य वाढविणाऱ्या अभ्यासक्रमाची

गायकवाड-पाटील येथे 'एचआर कॉन्क्लेव्ह'

निर्मिती करण्यासाठी ही परिषद घेण्यात आली.

आयटी आणि इलेक्ट्रॉनिक्स उद्योगातील मानव संसाधन क्षेत्रातील मान्यवर उपस्थित होते.

दुसऱ्या व तिसऱ्या सत्रात विविध कोअर उद्योगाच्या मानव संसाधन क्षेत्रातील अधिकारी उपस्थित होते. प्रशिक्षण आणि प्लेसमेंट विभागाचे प्रा. विद्याधर क्षीरसागर यांनी परिषदेचे

उद्दिष्ट सांगितले. संचालक डॉ. प्रशांत कडु यांनी प्रास्ताविक केले. प्रा. चेतन जांभुळकर, प्रा. अभय रेवतकर, प्रा. संदीप ठाकरे, प्रा. आसिफ बेग, डॉ. सुवास राजळकर, प्रा. कवीश गौरखेडे आणि श्वेता भोयर यांनी आयोजनासाठी प्रयत्न केले.



Lokmat Times

TGPCET holds paper presentation competition

LOKMAT NEWS NETWORK
NAGPUR, SEPT 11

TGPCET, Nagpur, recently organised online State level paper presentation competition for final year polytechnic students of the state in order to start up their skills and present their PPT.

Around 450 students par-

ticipated under 4 track of paper presentation viz. Electrical, Mechanical, Computer and Civil.

Dr Prashant Kadu stated need of paper presentation and also focused on incubation of projects.

Chief guest Dr Atul Borade who is principal of Government Polytechnic Gadchiroli and quality and customer technical sup-

port manager of South Africa firm Liyaqat Siddiqui, summarised about how students can grow in this pandemic.

He also emphasised on importance of such events to enhance skills of students as students are passing out and start their professional life in nearest future.

The chairman of

Gaikwad Patil Group (GPG) Dr Mohan Gaikwad-Patil, treasurer, Prof Sandeep Gaikwad, principal and director, III, Dr Prashant Kadu, principal, of TGPCET, Dr Geeta Padole, vice-principal, Prof Pragati Patil, dean, Polytechnic, Prof. Niteen Kakade, appreciated the efforts of the staff members and students.

Nagpur First
Page No. 2 Sep 12, 2021
Powered by: erelego.com

National Science Day organised at TGPCET



Dignitaries during National Science Day programme at TGPCET.

Nagpur, March 7: Department of Electrical Engineering at Tulsiramji Gaikwad-Patil College of Engineering and Technology Nagpur under NSS unit organized an Interactive session on National Science Day.

The practical demonstration of live based project on Future of STI (Science, Technology and Innovation) was conducted by principal of Sindhi-Hindi High School and Junior College, Nagpur at JRD Tata Hall from 12.00

pm onwards. Laxhmi Mozarkar The speaker addressed the education policies in the country.

She addressed the gathering on various steps towards success. She told students not to get disappointed on failure and how to find different ways towards success.

The students were so enthusiastic regarding hands on training on live projects such as automatic street lightning, water level sensor, fire alarm etc.

TGPCET Poly students visit Axioms Softech

LOKMAT NEWS NETWORK
NAGPUR, SEPT 15

Recently the Computer Science and Engineering department of Tulsiramji Gaikwad-Patil College of Engineering and Technology second shift Polytechnic organised industry visit to Axioms Softech Pvt. Ltd for the students of second year and final year.

The visit was organised with a vision of providing industrial exposure to the students and making them aware of the latest trends in industry.



TGPCET students during their visit to Axiom Softech Pvt. Ltd.

enriching experience and submitted to the department. In TGPCET, industry

knowledge and training on the different aspects of operations in an organisation. Axiom Softech Pvt. Ltd is a registered

sourced projects, client based projects, jacob, semantic web, java, net, android, php, and technologies advanced.

by cloud computing, mobile and machine learning.

Best part of the visit was the discussion with students on some live projects such as real object recognition using machine learning approach. The chairman of GPG, Dr Mohan Gaikwad, treasurer of GPG, Prof Sandeep Gaikwad, principal of TGPCET, Dr G. K. Anand second shift polytechnic appreciated the efforts of the staff members and students.

The visit was organized by Prof. Niteen Kakade and coordinated by head of the department, Prof.

TULSIRAMJI GAIKWAD -PATIL
COLLEGE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC MOHGAON, NAGPUR



POEMS

POEMS

Depression

I am good for a while
I'll talk more, laugh more
Sleep and eat normally
But then something happens
Like a switch turns off somewhere
And all I am left with is the darkness of my mind
But each time it seems like I sink
Deeper and deeper
And I am scared....
Terrified that one day I won't make it back up
I feel like I am gasping for air
Screaming for help
But everyone just looks at me
With confused faces
Wondering what I am struggling over
When they're all doing just fine
And it makes me feel crazy

What the hell is wrong with me ?



Mr. Harsh Bhagat
Mechanical Engg.
3rd Year

Do you remember childhood ?

Do you remember childhood
Crawling across the floor
Trapped behind closed doors
Never wanting more

Do you remember childhood
Rolling through the grass
Excited for class
Watching time pass

Do you remember childhood
Pedaling on your bike
The boy you still like
Sad when the bell strikes

Do you remember childhood
Driving down the road
Those looks made with code
Your love always showed

Do you remember childhood
When he broke your heart
And it was just the start
You are no longer art

Do you remember childhood
When childhood was still there
And your heart wasn't bare
And people would you

Do you remember childhood ?
I can't remember childhood.....



Ms. Sulochana Naik
Mechanical Engg. 3rd
Year

TULSIRAMJI GAIKWAD -PATIL
COLLEGE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC MOHGAON, NAGPUR



ARTICLES

ARTICLE



FINANCIAL EDUCATION : PENNY WISE POUND WISE

Introduction: What the Rich teach their kids about money that the Poor, Middle class do not. Taking Financial decision is not easy until and unless we don't know the difference between asset and liabilities. I'm sure this Article let make you think and make you aware and upgrade about taking financial decision. See we don't have to buy rupees 10000 bag to have nothing have on it buy that 1000 bag and have 9000 on it don't break yourselves trying to look rich. Every books that I read and Every businessman that I'm with them taught me one lesson and which is very simple to learn that is I don't want to look Rich, I want to be rich should be your ideology.

Taking a financial decision is quite easy based on Asset and Liability. Yes Right Rich people teach their heir all about Asset and liability. According to Economic financial Year reports most of the people don't know about Asset and Liability and that why they suffers their whole life to being financial illiteracy Asset mean something that puts money, in your pocket' and Liability is something that takes money, out of your pocket' if you got this that great.

Our next step would be learning the power of compounding and as we all know that Compound interest is the eight wonder of the world. He whose understand it earn it he doesn't pay it. See Folks financial lead is crucial path and its all about Experience and Patience game and most important fact is make use of money to work for you. Before a dogs age when I was new in Stock Market I buy Stock when I felt or I thought that this may be go up but after a while stock came down and I book huge loss from it. So when I was 18 years old I Joined finance class and learned about is that Expenses, Budget, Investing, Borrowing, Taxation Personal finance management Cashflow to name of few If I break my entire finance knowledge in 1 line is that you try to involve in your family finance decisions go bank with your father learn about the stock market, multiply your wealth how it is possible to multiply your wealth I know that your questions?

ARTICLE



Don't buy bike because it is liability first bring 1 lakh in your pocket pay 20000 rupees for finance knowledge and make use of 80000 to make 1 lakh a year and please concerned yourself see if you are a lover listen to your heart , if you are businessman listen to your mind but if you are if you are an investor listen to fundamental plan.

Wealth is not you multiply in one day is that something it a long time game. You try , you fail ,you learn ,you try, one day you definitely become what you what to be One Interesting fact is that Business is not where you sit it is self employed ,Business is what it is runs without you.

CONCLUSION:

- Change Your Attitude: We have to make profit but in case of buying Instead of selling.

Buy Asset Not liability: Don't buy rupees of 1 lakh phone buy 10,000 of phone and hold 90,000 portfolio of share on it make 1 lakh a year.

- The power of Compounding.
- Take risk in financial decision but with patience because taking risk is a great way or great opportunity to making money.
- Last one : Don't be afraid to give up the good to go for the great.

Mr.Sanket Pangul
Computer Science & Engg.
3rd Year



ARTICLE



STUDENT LEARNING MOTIVATION

Motivation to learn is very important for students. The importance of motivation for students is to make students aware of the position at the beginning of learning, the process, and the end of learning, informing about the strength of learning efforts when compared to their peers, directing learning activities.

THE ROLE OF THE TEACHER TO INCREASE STUDENT MOTIVATION:

The role of the teacher is to generate motivation in students to be more active in learning. Therefore, a teacher is required to develop several types of qualities in order to play an active role as a motivator. Some things that can be done by teachers to play an active role as motivators and as an effort to improve teacher quality are increasing abilities that can display mastery of material knowledge.

Motivating students to study hard is not easy. It can't be instant; it takes continuous time. In addition, the conditions of various things so that students are interested in learning something need to be tested a lot. Parents and teachers need to be creative in directing them. Motivation is considered important in learning and learning in terms of its function and value or benefit. Motivation encourages behavior and influences and changes behavior. The teacher must also have a role as a motivator for his students. The teacher is responsible for implementing the learning system so that it works well.

Mr. Gayatri Malthane
Mechanical & Engg. 1st
Year



ARTICLE

HOW TO BUILD A POSITIVE ATTITUDE ?

The power of positive thinking is remarkable. In fact, the idea that your mind can change your world almost seems too good to be true. I can assure you, however, that I have experienced AND witnessed the good that having a positive mindset can bring. Both positive and negative thoughts are powerful but have opposite results. Today I want to talk to you about how both can impact you, and how the power of positive thinking can truly transform every aspect of your life.

Do not allow your negative thoughts to thrive in your mind and work towards putting an end to this habit. Always stay on guard and replace your negative thoughts with constructive, positive reviews. Start paying attention to your ideas and replace the negative thoughts with productive, happy and positive thoughts.

There are several physical and mental health benefits offered by positive thinking, and every person would be amazed by how positivity can affect their health better. Positive thinking is a reflexive attitude developed or imbibed overtime that pushes you to expect fair and desired results. The power of positivity is to create, reinforce, and transform energy into reality with the mindset to seek a healthy and happy ending regardless of the situation.

Positive thinking leads an individual to success as they develop an attitude that helps them think that they can achieve the things and not be fettered by the problems that cross paths with success. Positive thinking is achieved through determination, perseverance, self-confidence, and hard.

*Ms. Neha Katre Computer
Science & Engg. 1st Year*



ARTICLE



MOTIVATIONAL : FOR STUDENT

Motivation is not only to activate a person's desire for wealth but also to activate a person's life energy and awaken the creative enthusiasm of a nation. The following motivational articles for students were compiled by the editor for everyone. Modern educational psychology believes that there are many incentives and means to motivate students to get success is universal and effective. Success motivation is the motivation for students to actively pursue achievements and hope to succeed. Psychologists believe that it should become the main motivation for students' classroom learning. Here we have proved that Student motivation articles for success and experiencing the joy of success can greatly improve their learning. It is because of her work that many of us can create an escape from this chaotic world. You may know the story of 'the boy who lived', but few know about the woman behind the story. Joanne Rowling taught English in Portugal, was a single mother, and at one point, she was on the verge of being homeless. It took her five years from when she first thought of the idea of Harry Potter on the train to when she finished the first book. She turned all those dark and depressing moments in her life into something magical. He was raised by his grandmother after his parents split. He didn't let those grievances affect him. His first job was in Tata Steel. He stayed, ate, worked, and slept with the workers. Soon, he was appointed as the Director-in- Charge of National Radio and Electronics Company Ltd. (Nelco) and built it up in a short span of time. However, because of the economic recession, the venture did not survive. This was his first failure, but that didn't stop him from trying. Despite being privileged, he stayed humble because of his journey.

Mr. Vansh Hande
Computer Science & Engg.
1st Year



ARTICLE



DEPRESSION

Depression is a common occurrence among students of all ages, whether you're in high school , college or university. Students have to face challenges, for that they take too much stress. Specially on exam session, they have pressure to score good marks which may results in a depression. Mostly teenagers may seen in depression about their personal life, students and family. Sometimes, a depressed student may take wrong steps or creates suicidal thoughts in their mind. Meditation is the best way to overcome depression.

The cause of depression can be your friend circle who gives wrong or negative thoughts. To reduce stress, you can share your thoughts or day spend to the person with whom your are comfortable.

Teen depression is a serious mental health problem that causes feeling of sadness and loss of interest in activities. It affects how your teenager thinks, feels and behaves, and it can cause emotional, functional and physical problems. College students are particularly to depression. With the pressure to balance academics, social life, extracurricular activities, and mental can all become too much to handle.

*Ms. Tanushree Gaikwad
Computer Science & Engg.
3rd Year*



ARTICLE



ELECTRIC VEHICLES AND THE ENVIRONMENT

Transport is a fundamental requirement of modern life, but the traditional combustion engine is quickly becoming outdated. Petrol or diesel vehicles are highly polluting and are being quickly replaced by fully electric vehicles. Fully electric vehicles (EV) have zero tailpipe emissions and are much better for the environment. The electric vehicle revolution is here, and you can be part of it. Will your next vehicle be an electric one?

The running cost of an electric vehicle is much lower than an equivalent petrol or diesel vehicle. Electric vehicles use electricity to charge their batteries instead of using fossil fuels like petrol or diesel. Electric vehicles are more efficient, and that combined with the electricity cost means that charging an electric vehicle is cheaper than filling petrol or diesel for your travel requirements. Using renewable energy sources can make the use of electric vehicles more eco-friendly. The electricity cost can be reduced further if charging is done with the help of renewable energy sources installed at home, such as solar panels.

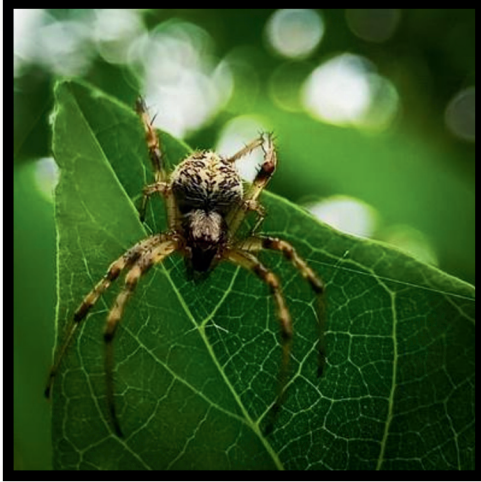
Electric vehicles have very low maintenance costs because they don't have as many moving parts as an internal combustion vehicle. The servicing requirements for electric vehicles are lesser than the conventional petrol or diesel vehicles. Therefore, the yearly cost of running an electric vehicle is significantly low.

Driving an electric vehicle can help you reduce your carbon footprint because there will be zero tailpipe emissions. You can reduce the environmental impact of charging your vehicle further by choosing renewable energy options for home electricity. Registration fees and road tax on purchasing electric vehicles are lesser than petrol or diesel vehicles. There are multiple policies and incentives offered by the government depending on which state you are in. To find out more about electric vehicle incentives, click below.

Ms. Ayushi Moon
Computer Science & Engg.
3rd Year



NATURE'S CLICK



Mr. Rajat Shrirame
ME



Mr. Shubham Chhagan Ajbale
Computer Science & Engg. 3rd Year



Ms. Shivani Gonnade
CE



Mr. Mandar Petkar
ME



Ms. Shivani Gonnade
CE

NATURE'S CLICK



Ms. Vaishnavi Gaidhane
Computer Science & Engg. 1st
Year



Ms. Hina Ghode
EE



Mr. Manthan Tulankar
Computer Science & Engg. 3rd
Year



Mr. Kartik Wandhare
EE



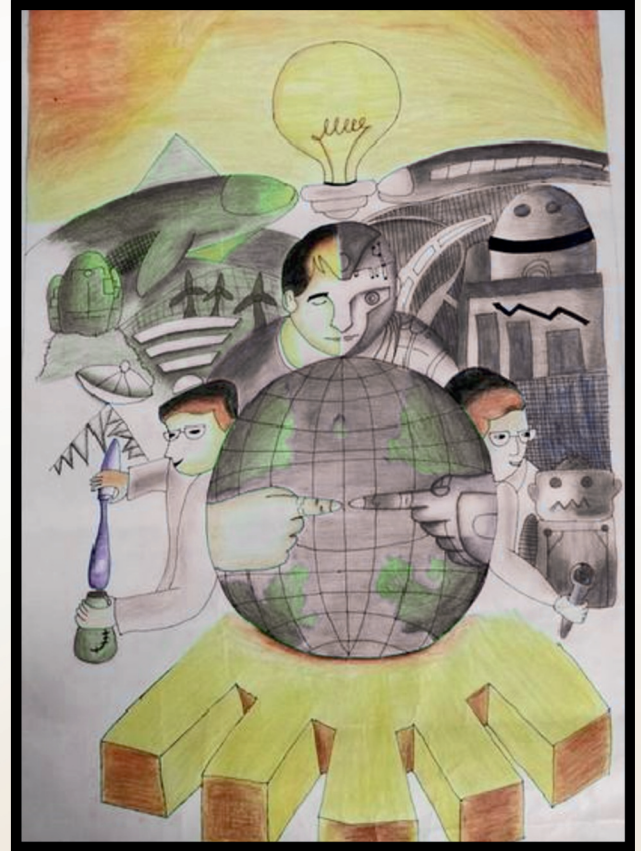
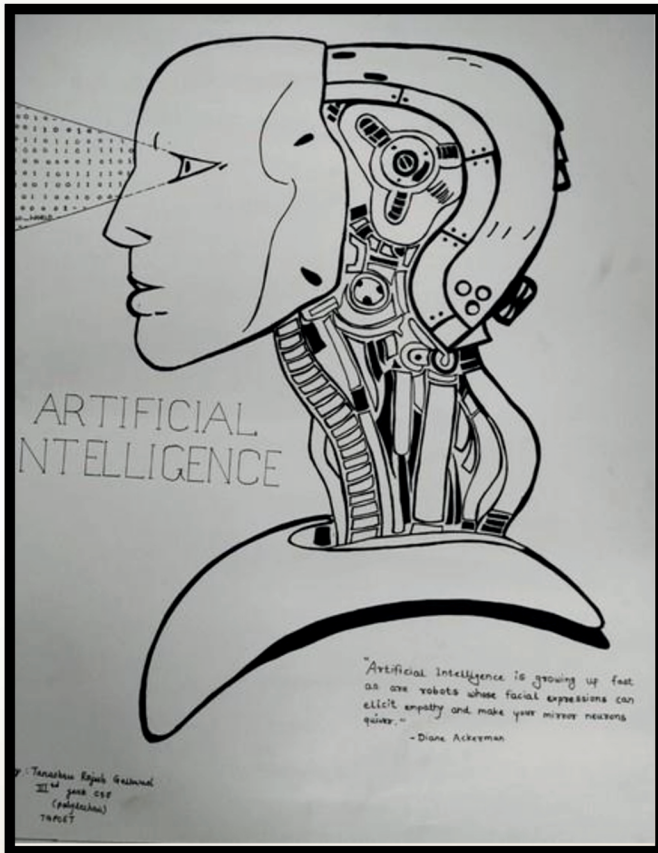
Ms. Neha Katre *Computer*
Science & Engg. 1st Year

TULSIRAMJI GAIKWAD -PATIL
COLLEGE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC MOHGAON, NAGPUR



SKETCHES

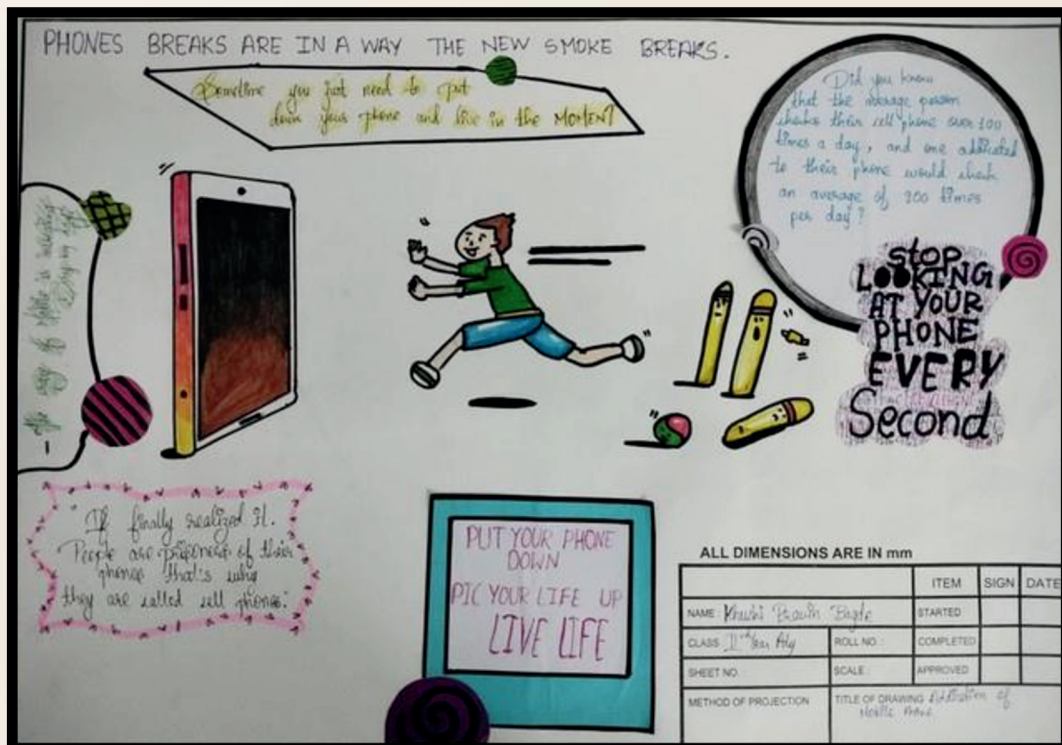
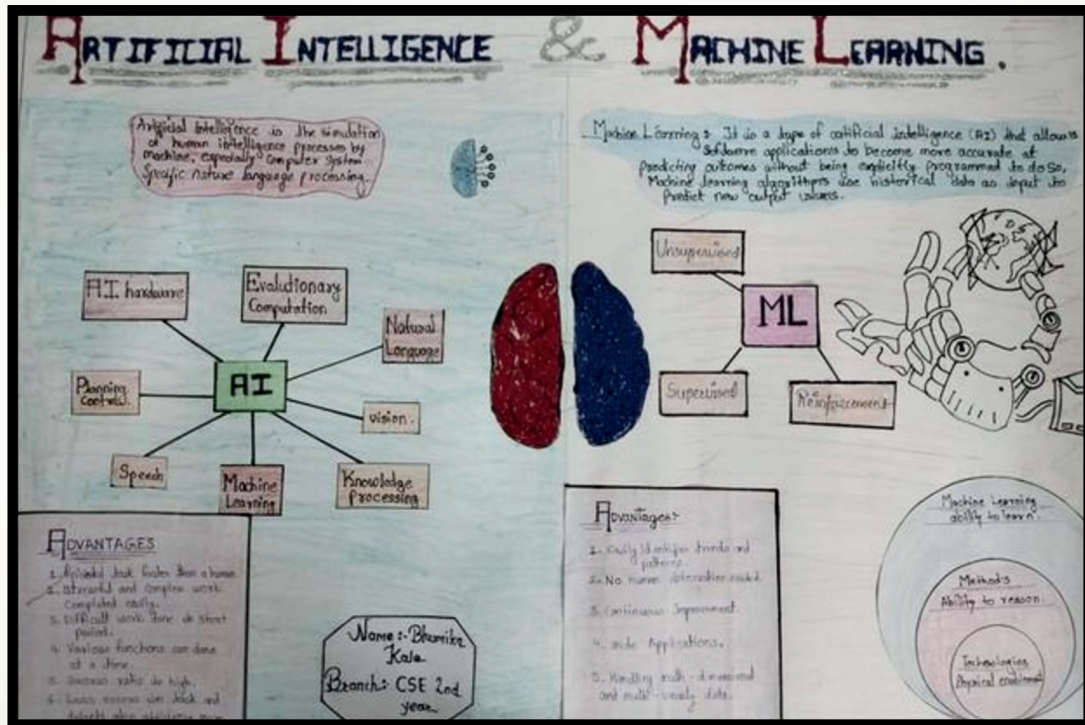
SKETCHES



SKETCHES



SKETCHES



TULSIRAMJI GAIKWAD -PATIL
COLLEGE OF ENGINEERING AND TECHNOLOGY
POLYTECHNIC MOHGAON, NAGPUR



Industry MOU

INDUSTRY MOU

Department of
Computer Science
and Engineering



Department of
Electrical
Engineering



BAJAJ STEEL INDUSTRIES LIMITED



INDUSTRY MOU

Department of
Mechanical
Engineering



Department of Civil
Engineering



THANK YOU

