

2024-25



**KDK**  
GROUP OF  
INSTITUTES

# PULSE

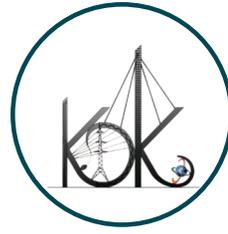
College Magazine | Volume X

**KARMAVIR DADASAHEB KANNAMWAR**  
**COLLEGE OF ENGINEERING**

- An Autonomous Institute -  
IMPARTING TECHNICAL EDUCATION SINCE 1984

NBA Accredited - Five programs  
(Civil Engg., Mechanical Engg., Electrical Engg., Comp. Sc. & Engg., Electronics & Telecomm. Engg.)  
Grade A, NAAC Accredited

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# VISION AND MISSION



## OUR VISION

*"Service to the Society through Quality Technical Education."*



## OUR MISSION

**We At *KDKCE* Shall Work Continuously To Achieve, Academic Excellence In Engineering And Technology Through Complete Dedication To All Round Growth Of Students. Enable The Students To Develop Outstanding Professional With Technical Competence And Management Skills. Fulfill The Expectance Of The Society And Industries With Ethical Standards For Developing Sustainable Solutions.**

# POs (Program Outcomes)

## **PO1 - Engineering Knowledge**

Apply knowledge of mathematics, natural sciences, engineering fundamentals, and specialization to solve complex engineering problems.

## **PO2 - Problem Analysis**

Identify, formulate, review literature, and analyze complex engineering problems using first principles of mathematics, natural sciences, and engineering sciences.

## **PO3 - Design / Development of Solutions**

Design solutions for complex engineering problems and develop systems, components, or processes considering safety, societal, cultural, and environmental aspects.

## **PO4 - Investigation of Complex Problems**

Conduct investigations using research methods, experiments, data analysis, and interpretation to obtain valid conclusions.

## **PO5 - Engineering Tool Usage**

Create, select, and apply modern engineering tools, software, and IT techniques including modeling and simulation with understanding of limitations.

## **PO6 - The Engineer and the World**

Understand and evaluate societal, health, safety, legal, cultural, environmental, and sustainability impacts of engineering solutions.

(This PO merges the earlier “Engineer & Society” and “Environment & Sustainability” outcomes.)

## **PO7 - Ethics**

Apply ethical principles, professional responsibility, and inclusive practices in engineering decision-making.

## **PO8 - Individual and Collaborative Teamwork**

Function effectively as an individual, team member, or leader in multidisciplinary and diverse teams.

## **PO9 - Communication**

Communicate effectively with engineers and society through technical reports, presentations, documentation, and digital communication.

## **PO10 - Project Management and Finance**

Apply engineering management principles and financial considerations to manage projects in multidisciplinary environments.

## **PO11 - Lifelong Learning**

Recognize the need for and engage in independent and lifelong learning to adapt to technological changes.



# *Message From Chairperson*

**HON. SMT SUMANMALA MULAK**

**Chairperson**

**BCYRC**

We are living in the age of modern science and technology in the 21st century. India is progressing rapidly in economic and technological fields and is moving towards becoming a developed nation by 2030. Such growth is possible only with the support of strong and skilled technical human resources. At **KDK College of Engineering (KDKCE)**, we strive for the overall development of students by providing quality education, technical knowledge, and opportunities to build personality, leadership, and managerial skills. Our mission is to create effective coordination among academicians, professionals, technocrats, and students to achieve excellence in technical education and contribute to national development. My best wishes for the success of the college magazine "Pulse."



# *Message From Secretary*

**SHRI RAJENDRA MULAK**

The Secretary, BCYRC

Ex Minister Govt of Maharashtra

Education plays a vital role in shaping young minds and preparing them to meet the challenges of the future. It is truly inspiring to witness KDKCE's unwavering commitment to providing quality education, enriched with modern technology, innovation, and strong values. Over the years, the college has achieved remarkable progress in academics, co-curricular activities, and research, reflecting the collective dedication and vision of the management, Principal, faculty, and students. The annual magazine Pulse beautifully captures this spirit of learning and creativity, highlighting the achievements, innovative projects, and hidden talents of our students, and offering a glimpse into the dynamic and vibrant culture of the institution.

My best wishes to the Principal, Vice Principal, faculty, and the entire editorial team for their commendable effort in publishing Pulse. May the institution continue to progress with the same enthusiasm and commitment toward excellence.

- Shri Rajendra Mulak



# *Message From Principal*

**DR. VALSSON VARGHESE**

**Principal**

**KDKCE, Nagpur.**

Dear reader, It gives me immense pleasure to share my thoughts in the KDKCE Annual Magazine, Pulse. As we reflect on the remarkable journey of our college, it is evident that KDKCE has always prioritized progress, innovation, and academic excellence. Over the years, we have undertaken significant initiatives—from enriching our curriculum to modernizing our infrastructure—ensuring that our students are well-equipped with the knowledge, skills, and mindset required to thrive in a rapidly evolving world. Our efforts to foster excellence go beyond academics. By enhancing the learning experience, nurturing creativity, and cultivating problem-solving abilities, we aim to shape well-rounded engineers. With cutting-edge technology in our classrooms, strong industry collaborations, and abundant research opportunities, KDKCE continues to be a hub of innovation, practical learning, and forward-thinking education. Our commitment to academic excellence is unwavering. Guided by a dedicated faculty, robust learning systems, and a focus on holistic development, we ensure that every student receives an education that transcends textbooks preparing them to assume leadership roles in the global arena. With our autonomous status, we are poised to achieve new milestones that will further reinforce our position as a leading institution in engineering education. This autonomy empowers us to design dynamic and customized learning experiences, keeping pace with emerging trends and the evolving demands of industry. At KDKCE, we remain steadfast in our vision of “Service to Society through Quality Technical Education”. We strive to create engineers who are not only skilled professionals but also responsible citizens, ready to contribute meaningfully to societal progress. Together, let us continue to push boundaries, embrace innovation, and nurture an environment where academic excellence thrives.



# *Message From Vice-Principal*

**DR. A. M. BADAR**

Vice-Principal

KDKCE, Nagpur.

Dear reader, It gives me immense pleasure to announce that the college magazine Pulse for the session 2024-2025 is ready for publication. True to its name, this magazine provides a window into the vast imagination and creativity of our students and faculty members. I sincerely applaud the editorial team for their dedication, hard work, and commitment in bringing this vision to life. Pulse serves as a vibrant platform to showcase our students' talents and celebrate their creativity at its finest. Our goal is to nurture every student—from their very foundation—into not only a valuable asset to the nation but also a compassionate and noble human being in the global community. Through initiatives like this magazine, we honor creativity, encourage exploration, and inspire excellence in all endeavors. We take special efforts like innovative teaching practices to bridge the gap between expectations of industry (from new recruits) and academic inputs provided, by arranging add on technical and soft skill development programs. To align with our innovative teaching practices, we have excellent faculty and state of the art infrastructural facilities and laboratories. We aim to continue imparting excellent technical education at affordable price in future. With best wishes.

# EDITORIAL

## FROM CHIEF EDITOR

### SANIKA RAUT

B.Tech 2nd Year, CSE

Chief editor



It is an immense pleasure for all of us on the Magazine Committee to present our college magazine to our readers. Serving as the Chief Editor of Pulse has been a truly rewarding experience and a matter of great honor for me. Working on this magazine has been an incredible journey. Every step of the process has taught me something new. Through the Magazine Committee, I have learned valuable lessons about leadership, management, the importance of teamwork, and the power of collaboration. The unwavering support and dedication of my fellow committee members from every department made the successful compilation of this magazine possible. This magazine is not merely a collection of articles; it is a reflection of our thoughts, creativity, knowledge, and aspirations. Each member has contributed their best efforts to make this edition meaningful and memorable. I extend my heartfelt gratitude to everyone who contributed to bringing this magazine to life. I hope our readers enjoy exploring the ideas, stories, and creativity captured within these pages. Let us begin this inspiring journey of “Pulse” together

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Sandesh Shangarwar



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# Civil Engineering

## VISION

A Center for Civil Engineering Education fo shaping Quality Technical Professional with Societal Focus.

## MISSION

M1: To transform young minds into competent Civil Engineer by providing quality technical education.

M2: To impart employability and professional skill to contribute to national infrastructure, for the benefit of society and environment.

M3: To create conducive environment for lifelong learning imbided with ethical value and leadership qualities.



It is a matter of great pride and pleasure to witness the launch of Pulse, our college magazine. This publication provides a valuable platform for students to showcase their creativity, knowledge, and talents. It reflects the vibrant academic and cultural spirit of our campus while encouraging innovation, critical thinking, and ethical values among students. I appreciate the sincere efforts of the editorial team and all contributors whose dedication and teamwork have made this publication possible. Their hard work is truly commendable and demonstrates th enthusiasm and potential of our student community. I hope that Pulse will continue to inspire students to explore their abilities, express their ideas confidently, and strive for excellence in all their endeavors. May this magazine grow into a strong voice of creativity and intellectual development within our institution. I extend my best wishes to the entire team for the continued success of this wonderful initiative.

**DR. SWAPNEEL SATONE**

Head of Department, Civil Engineering

KDKCE, Nagpur

# Glimpses Of Events

# Civil Engineering



Concrete Day Celebration



Site Visit At Nagpur Metro Office



Program on Implementation of NEP 2020



Blood Donation Camp



Engineer's Day Celebration



One week Skill Training Program



# Electrical Engineering

## VISION

To impart quality technical education for developing competent electrical engineers capable of accepting challenges of the modern society.

## MISSION

**M1:** To provide an adoptive academic environment with a continuous motivation to budding electrical engineers for making them academically excellent and technically competent having good managerial skills to fulfill the expectations of industries for developing sustainable solutions.

**M2:** To work for all round growth of students having good moral values in a dedicated manner.

**M3:** To inculcate a sense of responsibility among the students for well being of the society.



I am truly delighted and proud that KDKCE is bringing out the annual college magazine, Pulse. This magazine serves as an excellent platform for students to showcase their talent, creativity, and innovative ideas. A college magazine not only highlights the hidden potential of students but also helps them organize and express their thoughts in a meaningful and structured manner, contributing to the development of a well-rounded personality. I sincerely appreciate the efforts of all the authors, poets, and budding artists who have contributed to this issue. Their creativity and enthusiasm reflect the vibrant academic and cultural spirit of our institution. I also congratulate the entire magazine committee for their dedication, enthusiasm, and tireless efforts in successfully bringing out this publication. My best wishes to the editorial team and all contributors for continued success and a bright future ahead.

**DR. SHUBHANGI AMBEKAR**

Head of Department, Electrical Engineering

KDKCE, Nagpur

# ❖❖❖ Glimpses Of Events ❖❖❖

# Electrical Engineering



Industrial visit to KTPS



Skill Development Training



Electrofest



Youth leadership Development Program  
By Vivekanand Kendra, Kanyakumari



EESA Installation Ceremony



Sickle Cell Testing Camp



# Mechanical Engineering

## VISION

To impart quality technical education for developing competent electrical engineers capable of accepting challenges of the modern society.

## MISSION

**M1:** To provide an adoptive academic environment with a continuous motivation to budding electrical engineers for making them academically excellent and technically competent having good managerial skills to fulfill the expectations of industries for developing sustainable solutions.

**M2:** To work for all round growth of students having good moral values in a dedicate manner.

**M3:** To inculcate a sense of responsibility among the students for well being of the society.



The college magazine Pulse serves as a vibrant canvas that reflects the creativity, ideas, and talents of both students and faculty beyond the boundaries of the regular curriculum. It gives immense pleasure to witness the publication of this annual magazine, which continues to uphold the tradition of encouraging expression, imagination, and intellectual growth within our campus. Such a platform provides an excellent opportunity for individuals to present their thoughts, literary skills, artistic abilities, and innovative perspectives. Initiatives like Pulse play an important role in nurturing confidence and creativity, thereby contributing to the overall development of students. I sincerely appreciate the efforts of the magazine committee, editors, and all contributors whose dedication and teamwork have made this publication possible. Their enthusiasm and hard work are truly commendable.

I extend my heartfelt congratulations to the entire team and wish them great success in this and future editions of Pulse. May this magazine continue to inspire, motivate, and showcase the remarkable talents of our academic community.

**DR. SANJAY IKHAR**

Head of Department, Mechanical Engineering

KDKCE, Nagpur

# Glimpses Of Events

## Mechanical Engineering



Inter Collegiate Start-up competition



Intercollegiate Cricket Competition



No Drugs Campaign



Drug Awareness Rally on the occasion of 76th Republic Day



Career Opportunities in Robotics and Automation



RTMNU Rally Participation On the occasion of Chhatrapati Shivaji Maharaj Jayanti



# Computer Science And Engineering

## VISION

Developing globally competent computer graduates capable of accepting challenges of the modern society, through quality technical education.

## MISSION

- M1:** To provide vibrant academic environment with the spirit of creativity for conducive learning to meet the global challenges.
- M2:** Enhancing the potential of the students for overall growth with technical competence and management skills.
- M3:** Enabling students to build professional career by imbibing social as well as ethical values as inner Strength.



I am delighted to see the publication of our college magazine Pulse. It provides a valuable platform for students to express their creativity, ideas, and talents beyond the classroom. I commend the editorial team, magazine committee, and all contributors for their dedication and hard work. Their efforts make this publication an inspiring showcase of our students' and faculty's abilities. I hope Pulse continues to motivate and encourage students to explore their potential and contribute actively to future editions.

**DR. A. A. JAISWAL**

Head of Department, Computer Science and Engg.

KDKCE, Nagpur

# Glimpses Of Events

## Computer Science & Engineering



Seminar on New career Opportunities  
in field of Python Developer



CRT Aptitude Workshop by  
Mr. Ashok Raut Director Logic Study Circle



Code Craft



Agaz



Teacher Day Celebration



Seminar on Entrepreneurship after graduation  
by Akash Jaiswal Director CL Nagpur



# Information Technology

## VISION

Developing competent IT graduates capable of accepting challenges of the modern computing industry and society.

## MISSION

**M1:** To provide an vibrant academic environment with a continuous motivation to budding IT graduates for making them technically sound coupled with good managerial skills.

**M2:** To work for all round growth of the students and to guide them for selecting high level academic career/ research to fulfill the needs of the society and modern computing industry.

**M3:** To encourage the students by transferring the knowledge and skill to imbibe ethical responsibility and thus enhance sustainability.

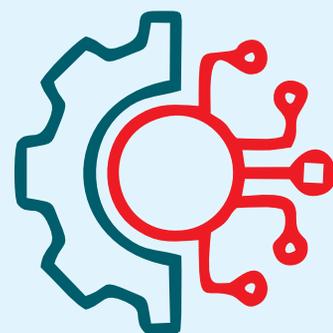
Excellence in engineering goes beyond textbooks and academics; it requires technical knowledge, creativity, and consistent hard work. Our college magazine Pulse stands as a milestone that captures this spirit, giving shape to the ideas, imaginations, and aspirations of our students. I truly appreciate the dedication and efforts of the magazine team, who have worked tirelessly to bring this edition to life. Their commitment has resulted in a publication that reflects both creativity and professionalism.

I congratulate the entire committee for their hard work and hope Pulse continues to inspire students to explore their talents, express their ideas, and reach greater heights in the years ahead.

**DR. MRS. S.P. KHANDAIT**

Head of Department, Information Technology

KDKCE, Nagpur



# Glimpses Of Events

## Information Technology



Awareness workshop on High Performance Computing



Outreach Program



Christmas Day Food Distribution



Marathon



Seminar on Career opportunity in Banking, Railways and SSC for undergraduates



Industrial Visit to Ank Hub Technology Services



# *Electronics & Telecommunication*

## **VISION**

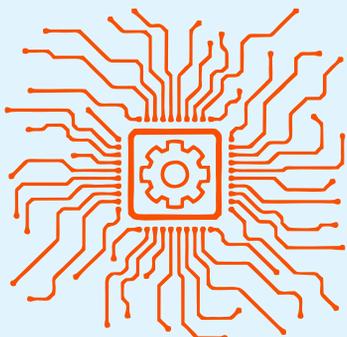
Endeavoring in developing technically competent, confident and socially responsible Electronics Engineers.

## **MISSION**

M1: Focus on teaching learning process to spread in depth knowledge of principles and its applications pertaining to Electronics Engineering and interdisciplinary areas.

M2: To inculcate creative thinking through innovative and group work exercises which enhances the entrepreneur skills, employability and research capabilities.

M3: Provide ethical and value based education by promoting activities addressing the societal needs.



It is a proud moment to see the annual edition of Pulse, our college magazine, being published. This magazine serves as a dynamic platform for students and faculty to share their creativity, insights, and unique perspectives beyond the curriculum. The contributions in this issue - from thought-provoking articles to expressive poems and captivating artwork - truly showcase the talent, imagination, and dedication of our academic community. Such initiatives help students develop not only their creative and communication skills but also a broader outlook towards learning and life. I congratulate the editorial team and the magazine committee for their meticulous efforts in bringing this edition to life. I hope Pulse continues to encourage innovation, inspire new ideas, and become a lasting record of our students' intellectual and artistic achievements.

**DR. P. D. KHANDAIT**

Head of Department, Electronics Engineering

KDKCE, Nagpur

# Glimpses Of Events

## Electronics & Telecommunication



Chess Competition



Technical Quiz Competition (QUIZ QUEST)



Three Day's Industry Skill Training Program



Cyber Security and Ethical Hacking



ISF Committee Installation Ceremony



Anti Tobacco Day Rally



# Artificial Intelligence & Data Science

## VISION

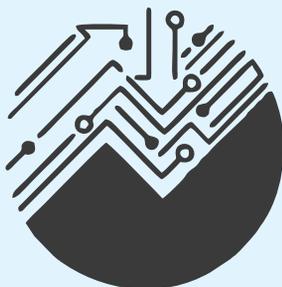
To impart quality technical education leads to produce globally competent Engineers with professional, human values in the domain of Artificial Intelligence and Data Science field to build the intellectual capital of the society through knowledge based education.

## MISSION

M1: To develop students with cutting edge technologies in the field of Artificial Intelligence & Data Science.

M2: To enable students to enhance expertise in the domain of Artificial Intelligence and Data Science.

M3: To impart quality and human values based education & contribute to the societal needs.



It gives me great pleasure to see the release of Pulse, our college magazine. This platform beautifully showcases the creativity, talent, and expression of our students and faculty beyond academics. Such initiatives not only inspire thoughtful writing and artistic expression but also help students build confidence, communication skills, and a sense of responsibility. I congratulate the editorial team for their dedication and hard work, and I hope Pulse continues to grow as a source of inspiration for many more editions to come.

## **DR. SANJAY M. MALODE**

Head of Department, Artificial Intelligence  
& Data Science

KDKCE, Nagpur

# Glimpses Of Events

## Artificial Intelligence & Data Science



One week training program on DSA with theory



Technical Seminar on IT Career Courses by Unisoft



Guest Lecture by Aniruddha Kalbande



Guest Lecture by Punesh Tembhre on GATE Path



Live Project Internship Program



Industrial Visit



# Computer Applications

## VISION

To be recognised as an outstanding department is contributing significantly in quality technical education to generate technically competent and skilled intellectual professionals in the field of Computer Engineering and Applications for the advantage of modern computing industry and the society.

## MISSION

- M1: To provide a dynamic learning environment that nurtures innovation in order to solve challenges in the field of Computer Engineering and Information Technology.
- M2: To increase the prospective of the students by providing need-based quality training for overall growth in technical and professional skills with leadership qualities.
- M3: To empower students to shape proficient career by imbibing societal and ethical principles with lifelong learning.

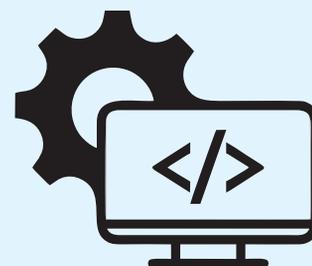
It is a matter of great pride and pleasure to see the launch of Pulse, our department magazine, which celebrates creativity, innovation, and the technical brilliance of our students and faculty. This edition reflects the talent, dedication, and passion that drive our community to explore, learn, and create beyond the classroom.

In today's rapidly changing world, success requires not just technical knowledge, but also the ability to think critically, communicate effectively, and approach challenges with creativity. Pulse captures these qualities through insightful articles, innovative project highlights, thought-provoking interviews, an explorations of emerging trends in technology. I sincerely congratulate the editorial team contributors, and everyone involved in bringing this magazine to life. May Pulse continue to inspire curiosity, encourage innovation, and showcase the remarkable abilities of our students and faculty

**DR. ANUP BHANGE**

Head of Department, Computer Applications

KDKCE, Nagpur



# Glimpses Of Events

## COMPUTER APPLICATIONS



Shivaji Jayanti Celebration



Shaping Future with AI  
in Association with Aditva Technology



Outreach Activity



Expert lecture on Recent trends in IT  
industry and various Job opportunity beyond development



Forum Installation



Web development Workshop  
by Aditva technology



# Basic Science & Humanities

## VISION

To integrate aspects of engineering, applied science and humanities for imparting quality education with societal focus.

## MISSION

M1: To impart fundamental knowledge and professional skill by inculcating continuous learning.

M2: To develop technical skills, communication and soft skills imbued with ethical values and leadership qualities.

M3: To develop team behavior with social responsibility for overall personality development.

It gives me great joy to see the release of Pulse, the annual magazine of KDK College of Engineering, Nagpur. This magazine is more than just a collection of articles and artwork—it is a celebration of creativity, curiosity, and the innovative spirit of our students and faculty. Pulse provides a platform for young minds to express their ideas, share their perspectives, and bring their imagination to life. Every contribution in this edition reflects dedication, talent, and the vibrant energy that defines our college community. I applaud the editorial team and all contributors for their hard work and commitment. May Pulse continue to inspire, motivate, and serve as a beacon of learning, creativity, and excellence for years to come.

**DR. G. H. AGRAWAL**

Head of Department, Basic Science & Humanities

KDKCE, Nagpur

# Glimpses Of Events

## Basic Science & Humanities



Constitution Day



Janjatiya Gaurav Diwas Celebration



Guest Lecture on various Scheme



National Space Day



TB Mukta Bharat Abhiyan



Vachan Prerna Din



# Management Studies - MBA

## VISION

To emerge as an institute providing value based business management education to students.

## MISSION

M1: To develop overall personality of the students making them capable of meeting the challenges in the field of management.

M2: To impart value based education with an aim of creating corporate leaders and entrepreneurs.

M3: Cultivating the principles of social responsibility, ethics and spiritual values among budding managers.

M4: Collaborate with alumni, industry, social organizations for sustainable development.

It gives me immense pleasure to connect with you through this edition of Pulse. The MBA program at KDKCE continues to be a journey of learning, growth, and accomplishment. Over the past year, our students have excelled academically and in co-curricular activities, bringing pride to the department. As we move toward autonomy, we remain committed to fostering excellence, innovation, and ethical leadership. Updating our curriculum in line with NEP ensures that our students are equipped with the skills and mindset to thrive in the dynamic business world. I extend my heartfelt gratitude to our dedicated faculty for their guidance and mentorship, and to our alumni for their ongoing support. Together, let us continue to make the MBA Department a beacon of knowledge, creativity, and inspiration.

**PROF. RUTUJA S. BUDHE**

Head of Department, Management Studies MBA

KDKCE, Nagpur

# Glimpses Of Events

## Management Studies - MBA



Value added course on Advanced Accounting in Tally Prime



Traditional Day and Diwali Celebration



Plant4Mother Campaign



Freshers Party and Student Installation Ceremony



Extension Activity on Menstrual Awareness and Personal Hygiene

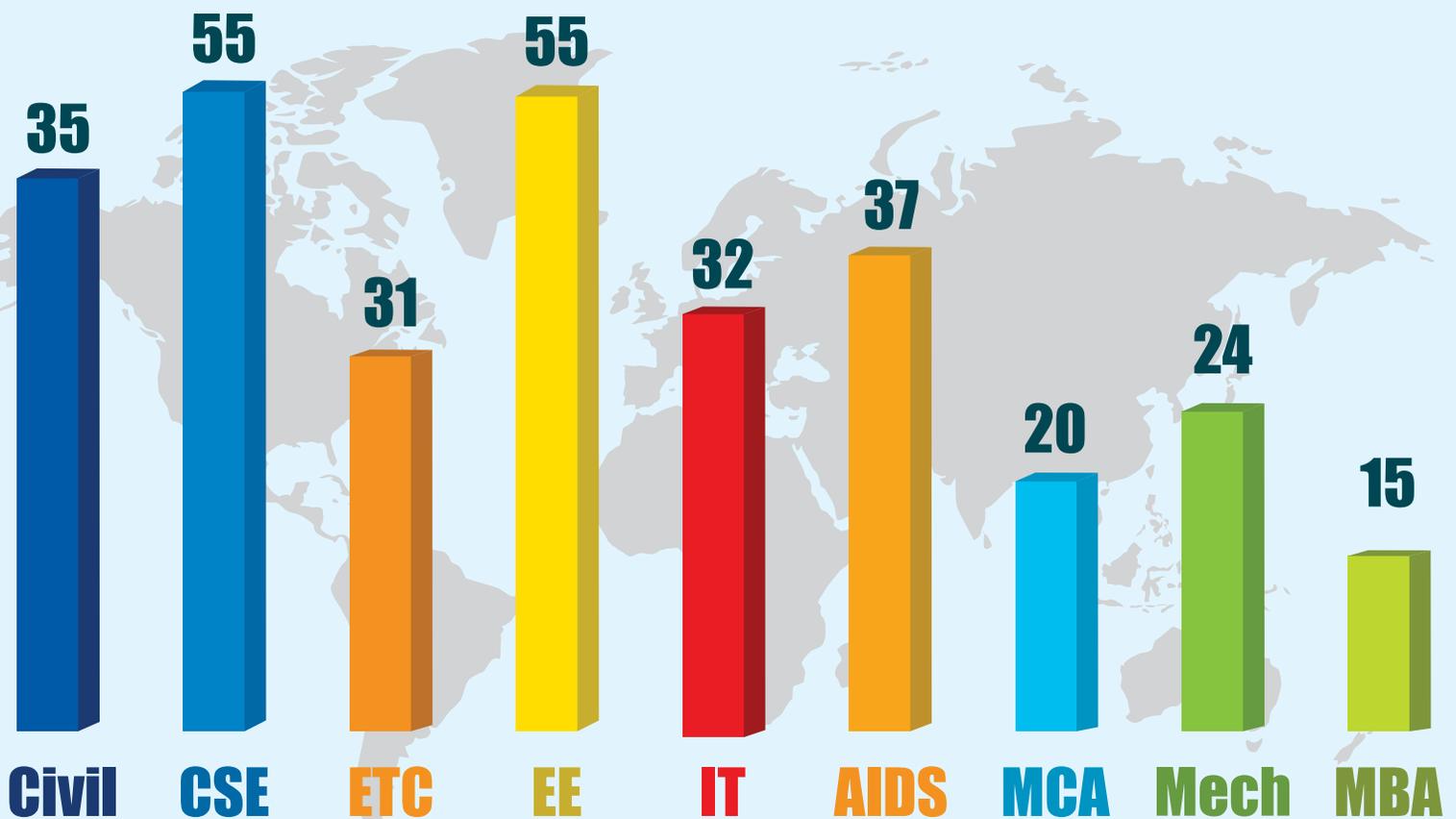


Adventure Camp

# **JOBS OFFERS**

## **TRAINING & PLACEMENT CELL**

**Total Companies Visited - 80+**



# PULSE

## College Magazine | Volume X

Welcome to Pulse, where dreams come true and creativity is unrestricted. We celebrate our community's soul in the colorful pages of our college magazine—a tapestry woven with intelligence, diversity, and unwavering aspiration. We highlight the academic accomplishments of our instructors and fellow students in every edition to promote thoughtful discussion and a culture of academic success. We push the limits of curiosity and investigate the edges of knowledge via intelligent research articles, thought-provoking essays, and lively debates. However, Pulse is a venue for artistic expression and narrative, not only academics. We portray the beauty of the human experience and the range of emotions that characterize our journey via poetry, narrative, photography, and artwork. Our strength is on diversity, and our ideology is inclusiveness. We work to build a magazine that represents the diversity of human life via conversations on social problems, stories that highlight underrepresented perspectives, and programs that foster acceptance and understanding. Pulse is an ode to our collegiate community's unbreakable spirit, to the tenacity, inventiveness, and enthusiasm that characterize us. As the next generation of leaders navigates the problems of the future, it serves as a light of inspiration. Come explore, innovate, and be creative with us on this trip. We welcome you to join us within our pages, whether you are an artist, writer, photographer, or just someone with a story to tell. Let us continue, one word, one image, one thought at a time, to spark aspirations and inspire futures together. The sky is not the limit—it is only the beginning at Pulse.

**SANIKA RAUT**

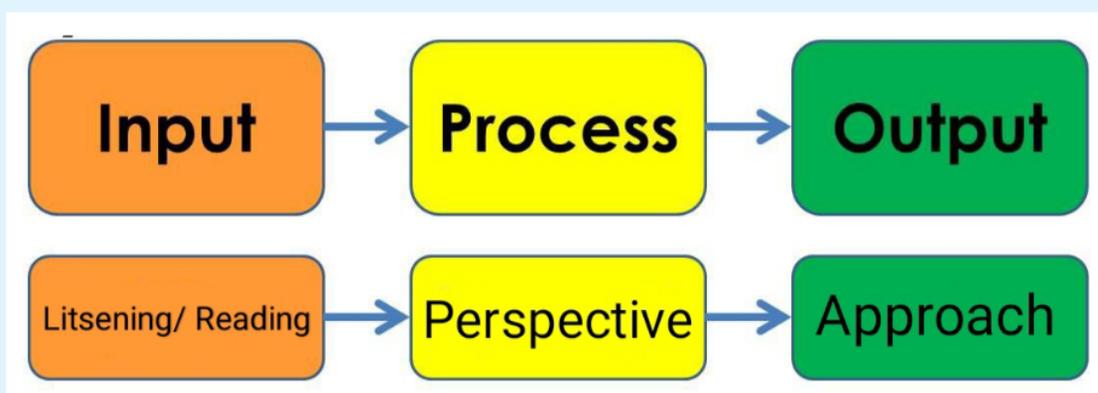
**B.Tech 2nd Year CSE**

**Chief editor**



# DIFFERENTIATING PERSPECTIVES

If we meet any random person, we observe him or her and make a perspective or point of view about them according to their impressions on us and we treat or approach towards them according to that. If any other person to whom you know ask you about that random guy you tell them your perspective or point of view about that guy. The same is applied for a thing, a product or an issue. In one's life many things matter and many things don't. Our Perspective is one of the major things that affect our lives. Perspective decides our APPROACH or how we treat a thing. Our Computer works on the Principle INPUT - PROCESS - OUTPUT. The process of our Approach towards anything works in the same way. Listening, reading anything is like input. Doing study on it and making our own perspective about that thing, taking in account all its aspects is like Process. Our Approach towards that thing is like Output.



# STUDENT'S ARTICLE

College Magazine | Volume X

## College Life

College life is one of the most memorable and important phases in a student's life. It is the time when students move from school life to a more independent and responsible stage. In college, students not only gain academic knowledge but also learn many life skills.

College life gives students the freedom to explore their interests. They participate in different activities such as sports, cultural events, seminars, and group projects. These activities help them build confidence, leadership, and teamwork skills.

Friends made during college life often become lifelong companions. Students share experiences, help each other in studies, and create beautiful memories together.

College also teaches students how to manage time, handle responsibilities, and prepare for their future careers.

Another important aspect of college life is personal development. Students learn to think independently, solve problems, and make decisions. Teachers and mentors guide them in choosing the right path for their future.

In conclusion, college life is a wonderful journey filled with learning, friendship, and growth.

It prepares students not only for professional success but also for becoming responsible individuals in society.

### College Life

- Important stage of life 🎓
- Higher education & knowledge
- Freedom & independence 🎓
- Sports & cultural activities 🎵 🎶
- Builds confidence & teamwork 🏀
- Lifelong friends 🌿 🌱
- Time management skills
- Career guidance
- Personal growth & decisions
- Prepares for the future →



**ARTICLE BY**  
**SHARDA GULHANE**  
**B.TECH 1ST YEAR**  
**MECHANICAL ENGINEERING**

# STUDENT'S ARTICLE

College Magazine | Volume X

## SOCIAL AND PERSONAL DEVELOPMENT

Youth are the future of every nation. In India, where a large part of the population is young, the development of youth is very important for the progress of society. Education is not only about gaining academic knowledge; it also includes the development of personality, values, and social responsibility. Social and personal development help young people become confident, responsible, and capable individuals. Personal development refers to improving one's skills, mindset, and character. It includes qualities such as self-confidence, discipline, time management, and goal setting. These qualities help young people understand their strengths and weaknesses and work toward self-improvement. Personal development also helps individuals face challenges with courage and determination. Another important part of personal development is emotional intelligence. It teaches young people how to manage their emotions and understand the feelings of others. This ability helps them build strong relationships and deal with stressful situations effectively. Social development focuses on how individuals interact with others and contribute to society. It teaches important values such as respect, empathy, cooperation, and responsibility. In a diverse country like India, social development helps young people respect different cultures, religions, and opinions. Socially developed individuals are more likely to participate in community activities and work for the welfare of society. For example, students who take part in social service activities, environmental campaigns, or volunteering develop a sense of responsibility toward their community and nation.

Educational institutions play an important role in promoting social and personal development. Schools and colleges should encourage activities such as sports, debates, group discussions, and leadership programs. These activities help students improve their communication skills, teamwork, and confidence. However, many students today focus only on academic success due to exam pressure and competition. The increasing use of technology and social media can also reduce real-life social interaction. Therefore, it is important for young people to maintain a balance between studies, personal growth, and social activities. In conclusion, social and personal development are essential for building responsible and confident individuals. When youth develop strong values, good communication skills, and social awareness, they contribute not only to their own success but also to the progress of society and the nation. Therefore, education should focus on the overall development of youth, not just academic achievement.



**ARTICLE BY**

**RUTUL PARATE**

**B.TECH 2ND YEAR, CSE**

# STUDENT'S ARTICLE

College Magazine | Volume X

## CHASING HORIZONS: THE ENGINEER'S JOURNEY

In the quiet hum of the laboratory, amidst circuits, codes, and equations, the spark of curiosity burns brighter than ever. Engineering is often seen as a profession of logic and precision, yet beneath its structured surface lies a world of imagination—a realm where ideas take flight like kites in the wind. At KDK College of Engineering, Nagpur, this journey is not merely about solving problems; it is about learning to see the world differently. Every experiment, every prototype, and every late-night project is a step toward understanding the delicate dance between theory and reality. Failure here is not a setback—it is a gentle nudge, urging students to question, to innovate, and to dream bigger. The hum of machines and the glow of computer screens become companions on the path of creation, each one telling a story of persistence, curiosity, and discovery. But engineering is not confined to classrooms and labs. It thrives in conversation, collaboration, and shared curiosity. In cultural fests, spirited debates, and impromptu brainstorming sessions under the sprawling trees of the campus, ideas intertwine with laughter, curiosity, and camaraderie. Here, friendships form, and creativity blooms, leaving an imprint on both the mind and the heart. To be an engineer is to chase horizons—horizons of knowledge, of possibility, and of self-discovery. It is to blend imagination with discipline, to shape dreams with hands and mind, and to embrace the unknown with courage. At KDK, students are not merely learning to build bridges or design circuits—they are learning to build themselves, one idea, one challenge, and one sunrise at a time. Because in the end, the journey of an engineer is a journey of wonder—a symphony of logic and poetry, of intellect and imagination, of heart and mind. And every student who walks these corridors carries within them the promise of a horizon yet to be discovered.



**ARTICLE BY**

**DURVESH KARKI**

**B.TECH 1ST YEAR**

**MECHANICAL ENGINEERING**

# STUDENT'S ARTICLE

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## विद्यार्थ्यांसाठी तंत्रज्ञानाचे नवे क्षितिज

आजच्या युगात तंत्रज्ञान केवळ साधन नाही, तर नवकल्पना, स्वप्ने आणि संधींचा महासागर आहे. प्रत्येक दिवशी आपल्यासमोर नवीन आव्हाने उभी राहतात—काही अवघड, काही अद्भुत, पण प्रत्येकाची शिकवण अनमोल असते. KDK कॉलेज, नागपूरमध्ये विद्यार्थी केवळ पुस्तकातल्या ज्ञानापुरते मर्यादित राहत नाहीत; ते प्रयोगशाळांमध्ये, प्रकल्पांमध्ये, स्पर्धांमध्ये स्वतःची ओळख निर्माण करतात. संगणकीय प्रोग्रामिंगपासून रोबोटिक्सपर्यंत, आर्टिफिशियल इंटेलिजन्सपासून स्मार्ट डिव्हाइसेसपर्यंत प्रत्येक क्षेत्रात नवकल्पनांचा प्रकाश दिसतो. विद्यार्थी आपल्या कल्पकतेने, मेहनतीने आणि चिकाटीने प्रत्येक अडथळा पार करतात. एखाद्या प्रकल्पावर काम करताना येणारी अपयशाची वेळ ही शिकण्याची वेळ असते; ती धैर्य, संयम आणि आत्मविश्वास वाढवते. अभ्यासाबरोबर प्रकल्प, कार्यशाळा, आणि प्रयोग हे जीवनाचे धडे देतात. प्रत्येक कोड, प्रत्येक यंत्रणा, प्रत्येक सर्जनशील कल्पना या अनुभवांच्या माध्यमातून विद्यार्थ्यांना केवळ तांत्रिक कौशल्य नाही, तर जीवन कौशल्य मिळते. त्यांना आत्मनिर्भरता, निर्णयक्षमता आणि नेतृत्वाच्या गुणांची जाणीव होते. आजच्या युगात जे विद्यार्थी नवकल्पनांवर काम करतात, तेच उद्याचे नेते बनतात. त्यांनी फक्त यंत्र बनवणे किंवा सॉफ्टवेअर डिझाइन करणे शिकत नाही, तर जग बदलण्याची, समाजासाठी काहीतरी अर्थपूर्ण करण्याची आणि स्वतःची ओळख निर्माण करण्याची कला आत्मसात करतात. तंत्रज्ञानाच्या या महासागरात धाडसाने पाऊल टाकणे आणि प्रत्येक संधीचा योग्य उपयोग करणे हेच खरी शिकवण आहे. अशा प्रकारे, प्रत्येक विद्यार्थी आपल्या कल्पकतेच्या झोपडीतून नवीन क्षितिज शोधतो—एक असे क्षितिज जे ज्ञान, अनुभव, स्वप्ने आणि धाडसाने भरलेले आहे. आणि प्रत्येक नवीन प्रकल्प, प्रत्येक नवीन शोध, प्रत्येक प्रयोग हा त्याच्या या प्रवासातील एक अनमोल टप्पा ठरतो.



ARTICLE BY

**PRANAY MULE**

B.TECH 2ND YEAR, CSE

# ALUMNI ARTICLE

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## PRECIOUS MEMORIES

Today's little moments become tomorrow's precious memories." The bachelors' journey is quite indispensable in every individual's life. The person who enters into college life as a fresher, and the one who graduates after his final semester are two completely different persons. If I highlight my journey in KDKCE, it would be no less than a roller coaster ride. I am grateful to the college for giving me so many opportunities to grow. I entered the college as a timid person and, remarkably, left with being awarded the Best Student Award! From the very beginning of first semester, all the teaching staff of the Basic Science and Humanities Department enlighten the importance of confidence and boldness in one's life. This encourages the students to partake in various co-curricular activities. Participating in these kinds of events is equally important owing to the fact that it enhances courage, leadership, team work spirit and vigilance in a student. There are multiple forums within the college those are entirely run by the students. Thus, under the aegis of these committees I learnt to be vocal and consequently defeat the stage fear within me. Being the President of EESA and Secretary of NSS Unit during my final year of Engineering, I believe that KDKCE provides numerous platforms for students to showcase the talent within them. Moreover, I feel pertinent to mention that if one is determined, the college teaches us to build a perfect balance between academics and personal growth. No doubt that our college has one of the finest bunch of faculties with prominent experience in their respective streams, who guide the students with best advises to shape their future. Only if one is keen to grow, the college could transform a student drastically within four years of course.



**ARTICLE BY**

**PARMITA HENDRE**

**KDKCE BATCH 2023 (ELECTRICAL ENGINEERING)**

# ALUMNI ARTICLE

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## MY COLLEGE JOURNEY

It gives me an immense pleasure to share my college journey with you all. Whenever I listen the word engineering or college I remember one of the beautiful phase of my life. KDK College of engineering has given me so much of unforgettable memories that each one of them could become a story in itself. I am proud to say that I am student of KDKCE. Life in KDKCE is balance of both academics and cultural/social activities. Throughout my 4 years of engineering I have learned so many things which helped me to grow as a sincere personality. The interaction I had with my faculty every time has thought me new lessons of life. The academic and curriculum knowledge lead me to stand in market. It taught me how to communicate which helped me in cracking various interviews. When we talk about our college life friends are the most precious gifts we have. Now a days we are not able to meet and have fun but the memories we have created are unforgettable. I owe KDK College so much and I am confident those who will take these 3/4 years seriously will be rewarded for their rest of the life.



**ARTICLE BY**  
**BHAGYESH MESHAM**

EXECUTIVE (BHARTI AIRTEL)

BATCH – 2023 (ELECTRICAL)

# ALUMNI ARTICLE

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## MY COLLEGE JOURNEY

It gives me an immense pleasure to write down an article for our college magazine the college where I spent four years of my life after completing higher secondary schooling. It is not easy to go back into the long-lasting memories and write down about the four years journey which gave me space and resources to build my future while better understanding the dynamics of engineering. I started my journey in 2018 as a KDKian after getting admission in the scheme of TFWS in Mechanical Engineering where I desired to learn every bit of engineering knowledge and most importantly to shape me into a better Engineer Professional while recognizing my true potential at every phase of development. It was quite a thing initially where everything was new and amusing to my learning process. No doubt, I had got the best of opportunities to excel and outgrow my skills and personally on an overall verge and to sustain myself with the competitions that help me challenge my growth and hence, pertaining for overall leverage in my knowledge. We (our Batch) experienced many ups and downs things like by the end of Second Year, we came across Covid-19 pandemic wave that led us to confront this new era of technology-based classrooms and likewise, examination. At KDKCE I could experience the importance of having leadership, teamwork, mentors, guidance and citizenship and love and necessity of ongoing learnings. These things also help me in my professional career growth and day-to-day working. In the end, I want to thank to all KDKCE family for all those beautiful memories and education due to which I chased my dreams. Proud to be a part of KDKCE!!!



**ARTICLE BY**  
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# Glimpses Of Extra Curricular Activities



Annual Gathering  
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Department of Civil Engineering  
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GARBA



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Conference CISD-2024



Expert Lecture by Dr. K.V.L Subramaniam,  
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International Conference CISD-2024

# ABOUT US

The Karmavir Dadasaheb Kannamwar College of Engineering is an autonomous Institute From 2024-2025, situated in the heart of India in Nagpur city, established in 1984 by Backward Class Youth Relief Committee (BCYRC) is one of the leading engineering colleges in Maharashtra State. Government of Maharashtra has conferred 'A' Grade on the basis of excellence & adequate infrastructure as well as academic achievements of students and faculty. It is approved by AICTE New Delhi, DTE, Government of Maharashtra. The college successfully continues to attract attention of scholars from all over the subcontinent.

## The college runs

### Seven undergraduate B.Tech. programs.

- Civil Engineering (intake of 60),
- Mechanical Engineering (intake of 60),
- Electrical Engineering (intake of 90),
- Computer Science & Engineering (intake of 180)
- Electronics & Telecommunication Engineering (intake of 90),
- Information Technology (intake of 60)
- Artificial Intelligence and Data Science (intake of 90),

### One undergraduate Bachelor of Computer Applications programs.

- Bachelor of Computer Applications (intake of 120)

### Three Postgraduate Programs

- M.Tech.(Structural Engineering with an intake of 18)
- Master of Business Administration (intake of 60)
- Master of Computer Application(intake of 90) .

**In addition to these, college has approved research centre for Ph.D in Civil Engineering and Mechanical Engineering with 15 seats.**



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