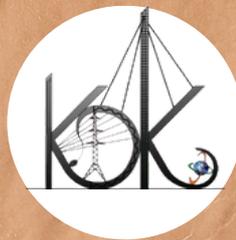


2023-24



KDK
GROUP OF
INSTITUTES

PULSE

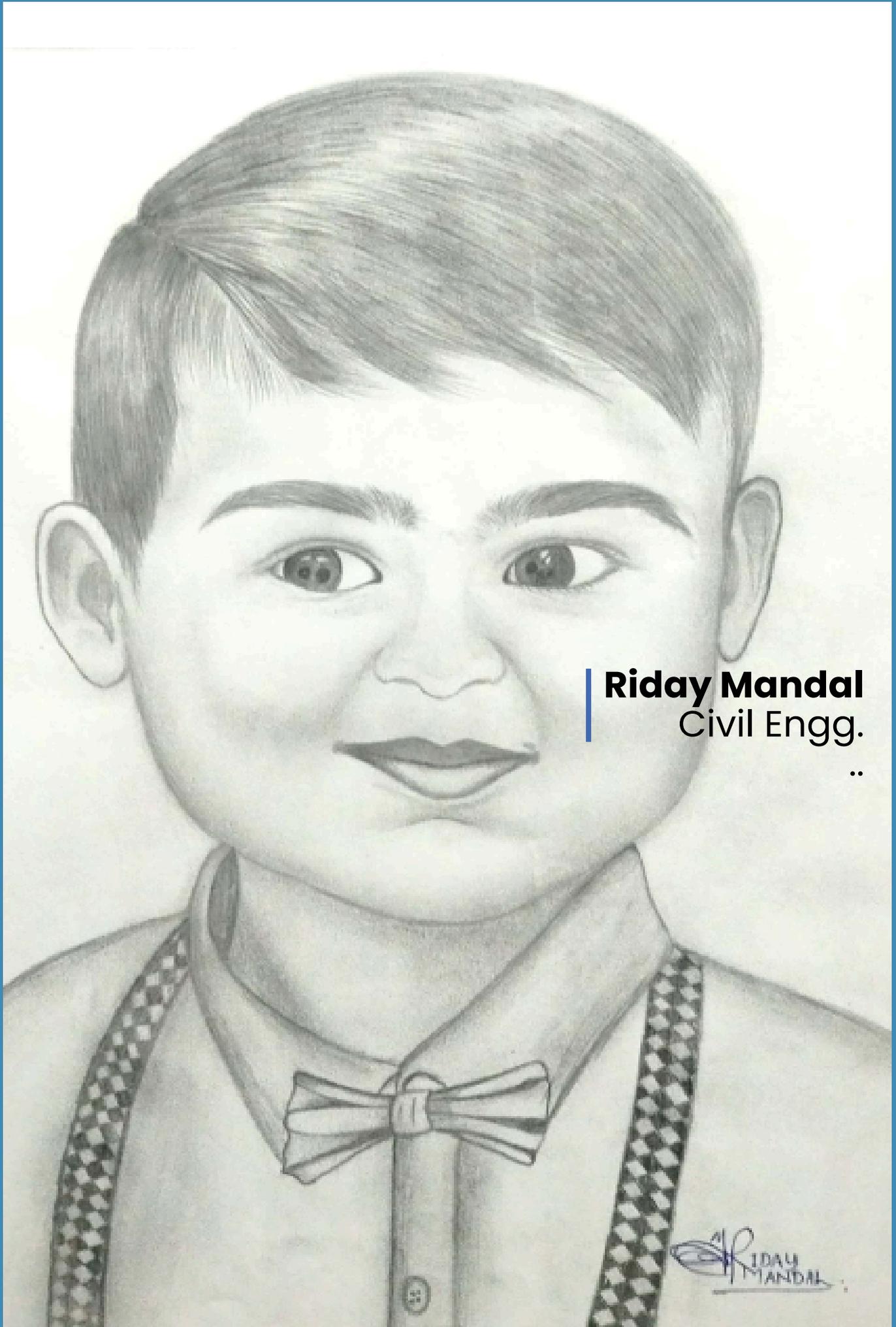
College Magazine | Volume IX

**KARMAVIR DADASAHEB KANNAMWAR
COLLEGE OF ENGINEERING**

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E-mail: kdkce_ngp9@sancharnet.in Website: www.kdkce.edu.in



Riday Mandal
Civil Engg.

..



Since 1984

PULSE



Vision and Mission

VISION :

"Service to the Society through Quality Technical Education."

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)



- **Engineering knowledge** Apply the knowledge of mathematics, science. Mechanical Engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
- **Problem analysis** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and Mechanical Engineering sciences.
- **Design/development of solutions** Design solutions for complex Mechanical Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural societal and environmental considerations.
- **Conduct investigations of complex problems** Use research based knowledge and research methods including designs of experiments, analysis and interpretation of data and synthesis of the information to provide valid conclusions in the field of Mechanical Engineering.
- **Modern tool usage** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex Mechanical Engineering activities with an understanding of the limitations
- **The engineer and society** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Mechanical Engineering practice.
- **Environment and sustainability** Understand the impact of the professional Mechanical Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- **Ethics** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice
- **Individual and teams work** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
- **Communication** Communicate effectively on complex Mechanical Engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
- **Project management and finance** Demonstrate knowledge and understanding of the Mechanical Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
- **Life long learning** Recognize the need for, and have the preparation and ability to engage in independent and life long learning in the broadest context of technological change

MESSAGE FROM CHAIRPERSON



Hon. Smt. Sumanmala Mulak
Chairperson,
BCYRC

This is an age of modern science and technology and we are in the 21st century India is growing economically technologically and will join the list of Developed Nations by year 2030. The growth is not possible without sound support of technical human resource. We at KDKCE aim at overall development of the personality of an individual by providing best education, technical know how, personality traits and leadership qualities to grow as a manager and technocrat.

The mission of the sanstha is to generate effective synchronization amongst academicians, professionals, technocrats and students so as to achieve excellence in technical education with a sense of commitment to meet the national aspirations.

My best wishes for the college magazine Pulse.



MESSAGE FROM SECRETARY

Education plays a vital role in shaping young minds and preparing them for the challenges of the future. It is heartening to see the institution's continuous efforts in providing quality education blended with modern technology and values.

The college has made remarkable progress in academics, co-curricular activities, and technological innovation, ensuring holistic development of its students. Such initiatives reflect the dedication and vision of the management, Principal, faculty members, and students who together contribute to the institution's growth and reputation.

The college magazine Pulse beautifully captures this spirit of learning and creativity. It highlights the achievements, innovative projects, and hidden talents of students, offering a glimpse into the vibrant academic 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,
The Secretary and Ex Minister of State
Govt of Maharashtra**

MESSAGE FROM PRINCIPAL



Dear reader,

I am happy to express my views for the KDKCE annual magazine Pulse. As we reflect on the remarkable journey of college, it is clear that our institution has consistently focused on progress, innovation, and academic excellence. Over the years, we have scaled on development initiatives, from enhancing our academic curriculum to upgrading infrastructure, ensuring that our students are equipped with the knowledge and skills to excel in a rapidly evolving world.

In our attempt to exhibit the excellence, our actions for enhancing the learning experience along with building creativity and problem-solving tendency among the students. The cutting-edge technology in the classrooms, providing industry collaborations and research opportunities, KDKCE continues to be a centre of innovative thinking and practical learning.

... Continued

Continued...

Our commitment to academic excellence is unmatched. With a dedicated faculty, robust learning systems, and a focus on holistic development, we ensure that each student receives an education that goes beyond textbooks, preparing them for leadership roles in the global arena.

With our autonomous status of the college, we are optimistic about the prospect of achieving, a milestone that will further solidify our position as a leading institution in engineering education, which will empower us with more dynamic and customized learning experience, keeping pace with emerging trends and the evolving scenario of the industry.

At KDKCE, we remain dedicated to our vision of “Service to the Society through Quality Technical Education” creating engineers who are not only skilled professionals but also responsible citizens, ready to contribute to society’s advancement.

Together, we will continue to push boundaries, embrace innovation, and create an environment where academic excellence thrives.

Dr. Valsson Varghese
Principal,
KDKCE, Nagpur.

MESSAGE FROM VICE-PRINCIPAL



Dear reader,

It gives me great pleasure to know that the college magazine Pulse for the session 2023-2024 is ready for publication. True to its name this magazine gives an insight into the range and scope of the imagination and creativity of our student and faculty members. I applaud the editorial team for the hard work and dedication they have invested in realizing this goal through the medium of magazine. This gives an all around a platform to showcase the students talent and expose their creativity at its best.

We aim towards making every students from foundation to be a true asset for the nation and a noble human being for the world across.

... Continued

Continued...

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.

**Dr. A. M. Badar
Vice-Principal,
KDKCE, Nagpur.**

EDITORIAL FROM CHIEF EDITOR

It is an immense pleasure for all of us at Magazine Committee to handover our college magazine to our readers. It was an honor for me to work for the college magazine Aspirations.

I was working for a magazine for the third time. What an amazing experience it was! At Magazine Committee, I have learnt so much. I have learnt the lesson of Management, Importance of teamwork, and so much.

The support of my fellow committee members from every department of the committee, lead to the successful compilation of these magazine - which is, indeed, a beautiful combination of our thoughts, our knowledge and our aspirations. We all have tried to put our best for this magazine. Let's start journey of 'Pulse' together.

"An illustration is a visual editorial - it's just as nuanced. Everything that goes into it is a call you make: every color, every line weight, every angle."

~Charles M. Blow

On behalf of Editing Team,
Ronik Warghae



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CIVIL ENGINEERING



VISION

A Center for Civil Engineering Education for 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 imbued with ethical values and leadership qualities.

It gives me great pleasure to witness the launch of Pulse, our college magazine that serves as a vibrant platform for students to express their creativity, knowledge, and talents. This publication not only highlights the hidden potential within our campus but also encourages a spirit of learning, innovation, and ethical growth.

I commend the editorial team and contributors for their dedication in bringing this magazine to life. May Aspirations continue to inspire and empower students to strive for excellence and contribute meaningfully to society.

Dr. Swapneel Satone
Head of Department,
Civil Engineering,
KDKCE, Nagpur

Glimpse of Events

CIVIL ENGINEERING

Concrete Day



Valedictory Function



Site Visit



Environment Outreach Programme



Cleanliness Drive



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 immensely delighted and feel proud that KDKCE is bringing out the annual Magazine, Aspirations. It is a platform to showcase the talent and creativity of our students. College magazine provides an opportunity to streamline the thoughts and present them in a structured manner helping in turn to build a multifaceted personality. I admire all authors, poets and amateur artists who have contributed to this issue.

I congratulate the whole magazine committee for their zeal, enthusiasm and untiring efforts in bringing out this issue. I wish a bright future and success to all.

Dr. Shubhangi Ambekar
Head of Department,
Electrical Engineering,
KDKCE, Nagpur

Glimpse of Events

ELECTRICAL ENGINEERING

National Sports Day



Industrial Visit



One Week Internship



RTMNU Centenary Celebrations



Civil Service Guest Lectures



MECHANICAL ENGINEERING



VISION

Developing technocrats in Mechanical Engineering with computational and design skills, leadership and industrial practices, meeting the requirements of industry business and society, through Quality Technical Education.

MISSION

M1: Developing Quality Mechanical Engineering graduates by imparting theoretical and practical knowledge with the exposure to work practices in Industry and Business.

M2: Develop graduates with over all personality, communication skills, computational skills and managerial skills with ethics to fulfill the expectations of the Industry and Society.

M3: Provide opportunities to practice Industrial processes, pursue higher studies and entrepreneurship skills for sustainable growth.

The college magazine is a canvas to portray the talent of student and faculty members other than curriculum. It is a happy moment for me and all of us that the college magazine Perception is being published as per every year. I wish that this magazine will be an opportunity for everyone to showcase their talent. This will help in the overall development of students. I congratulate the team of magazine committee and wish all the best for their new issue.

Dr. Sanjay Ikhar
Head of Department,
Mechanical Engineering,
KDKCE, Nagpur

Glimpse of Events

MECHANICAL ENGINEERING

Business Plan Competition



Guest Lecture on Interpersonal Skills



Visit to IPCS Global



Value Added Course on Application of CAD



Essay Competition



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.

It is my pleasure to congratulate the entire team of KDK that has taken the initiative for producing this magazine. It is great to find a considerable number of articles, poems etc. that certainly prove that our staff and students are adequately equipped and possess necessary skill sets to express their talent. Reading this magazine would definitely be an inspiration and motivation for all students and staff to contribute even more to the forthcoming issues. The magazine plays an instrumental role in providing exposure to the students to develop written communication skills and command over the language. It is a step towards building professional and ethical attitude in them.

I hope that everyone would continue to give their full efforts to keep the momentum and continue to enhance the standards of the magazine.

Dr. Ajay A. Jaiswal
Head of Department,
Computer Science & Engineering,
KDKCE, Nagpur

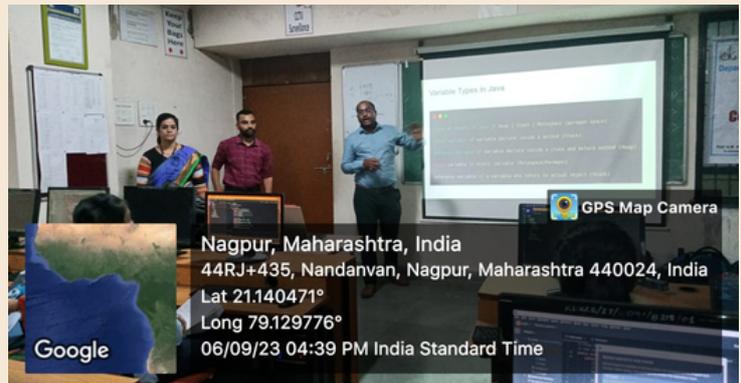
Glimpse of Events

COMPUTER SCIENCE AND ENGINEERING

Industrial Visit



Value Aided Course on Project Development



CodeFiesta: A Friendly Hackathon by Coding Club



Expert Lecture by Dr. K. M. Bhurchandi VNIT, Nagpur



Installation of Coding Club



Parents-Teachers Meet



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.

Besides books and studies, Technical knowledge along with hardwork would suffice for one to excel as an engineer. KDK's Magazine is a milestone that marks our growth, unfolds our imaginations and gives life to our thoughts and aspirations. The magazine team has left no stone unturned to escalate this exquisite master piece to greater heights. I appreciate and congratulate the working committee for the tremendous hard work they put for this magazine.

Dr. Mrs. S.P. Khandait
Head of Department,
Information Technology,
KDKCE, Nagpur

Glimpse of Events

INFORMATION TECHNOLOGY

In-House Internship



Outreach Extension Activity



Industrial Visit



Marathon - Sports



Content Management Guest Lecture



Yoga Day Celebration



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.

I am gratified to know that the KDK College of Engineering Nagpur is bringing out the issue of college magazine of this academic year 2023- 24.

The magazine is the platform for the staff and students to express their writing skills, poetic imagination and artistic flair. Thanks for providing the readers with inspirational articles, vibrant drawings, mind scintillating poems and updates of current trends.

I applaud the coordination and efforts of the editorial team to bring out this issue.

I wish them all success. Great job.....keep it up!

Dr. P. D. Khandait
Head of Department,
Electronics Engineering,
KDKCE, Nagpur

Glimpse of Events

ELECTRONICS & TELECOMMUNICATION

Teacher's Day



ISF Installation Ceremony



Poster Making Competition



Freshers' Day Celebration



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 is my pleasure to congratulate the entire team of KDK that has taken the initiative for producing this magazine. Reading this magazine would definitely be an inspiration and motivation for all students and staff to contribute even more to the forthcoming issues. The magazine plays an instrumental role in providing exposure to the students to develop written communication skills and command over the language. It is a step towards building professional and ethical attitude in them.

I hope that everyone would continue to give their full efforts to keep the momentum and continue to enhance the standards of the magazine.

Dr. Sanjay M. Malode
Head of Department,
Artificial Intelligence & Data Science,
KDKCE, Nagpur

Glimpse of Events

ARTIFICIAL INTELLIGENCE & DATA SCIENCE

FOR-AIM Forum Installation Ceremony



Industrial visit



Teachers' Day



Parents-Teachers Meet



A Tech Meetup by Mr. Tushar Kale



Seminar on Effective use of AI



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 gives me immense pleasure to witness the launch of a magazine that celebrates innovation, technical brilliance, and the creative spirit of our department. This edition stands as a testament to the talent, dedication, and passion of our students and faculty, who continue to push the boundaries of technology and imagination.

In today's fast-evolving world, it is not just technical knowledge, but the ability to think differently, communicate ideas effectively, and solve problems creatively that sets individuals apart. This magazine is a reflection of those very qualities. From insightful articles and innovative project showcases to thought-provoking interviews and technical explorations, magazine captures the vibrant pulse of our department.

I extend my heartfelt congratulations to the editorial team, contributors, and everyone who made this publication possible. May this platform continue to inspire, inform, and ignite the spark of innovation in every reader.

Dr. Anup Bhangre
Head of Department,
Computer Applications,
KDKCE, Nagpur

Glimpse of Events

COMPUTER APPLICATIONS

Coding Club Installation



Dr. A. P. J. Abdul Kalam Birth Anniversary



Parents- Teachers Meet



Extension Activity



Students' Forum Installation



Sports' Events



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.

I am extremely pleased to learn that KDK College of Engineering Nagpur is bringing out its magazine. My heartily congratulation and best wishes. The college magazine is a platform for youngsters to showcase their creativity.

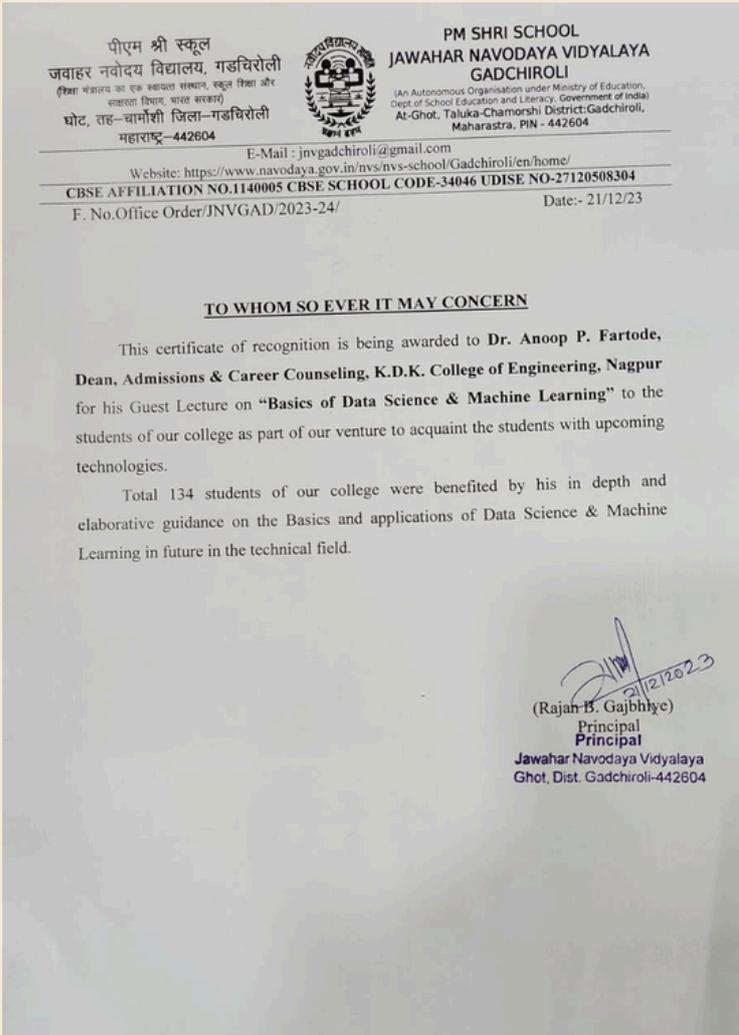
I am immensely happy to know that KDK magazine is the expression of the Vision and Mission of the college. I admire the efforts put in by all in bringing out this artistic magazine I wish all successful future with best wishes.

Dr. G. H. Agrawal
Head of Department,
Basic Science & Humanities,
KDKCE, Nagpur

Glimpse of Events

BASIC SCIENCE & HUMANITIES

Career Counselling Session at JNV Ghot, Gadchiroli



National Mathematics Day Celebration



Patent Fest – Nurturing Campus Award Ceremony





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 address you through this edition of our college magazine. The MBA program at KDKCE has always been a dynamic and enriching journey for all involved. The past year has been one of tremendous growth and accomplishment for our department. We have seen our students excel not only academically but also in various co-curricular and extra-curricular activities. Their participation has brought laurels to our department and enriched their learning experiences. I am proud of the initiatives that our students and faculty have undertaken, pushing the boundaries of business education and research.

As we move forward towards the autonomy, our commitment to fostering an environment of excellence, innovation, and ethical leadership remains unwavering. We are continuously updating our curriculum conferring to the NEP, to meet the ever-evolving demands of the business world, ensuring that our students are well-equipped with the knowledge, skills, and mindset required to excel in their careers. I would like to extend my heartfelt gratitude to our esteemed faculty members for their dedication and tireless efforts in guiding and mentoring our students. Their expertise and passion for teaching have been instrumental in shaping the bright futures of our graduates. I also thank our alumni for their continued support and involvement in departmental activities. Your achievements and contributions to the industry are a source of inspiration for all of us. Together, let us continue to strive for excellence and make the MBA Department of KDKCE a beacon of knowledge and innovation.

Prof. Rutuja S. Budhe
Head of Department,
Management Studies MBA,
KDKCE, Nagpur

Glimpse of Events

MANAGEMENT STUDIES - MBA

International Women's Day Celebration – 'MARDAANI'



Freshers' Day Celebration



Cultural Week Celebration



JOBS OFFERED



**Training and
Placement Cell**
**Total Companies
Visited - 65**



PULSE

JOBS OFFERED

**CIVIL
ENGINEERING**

77



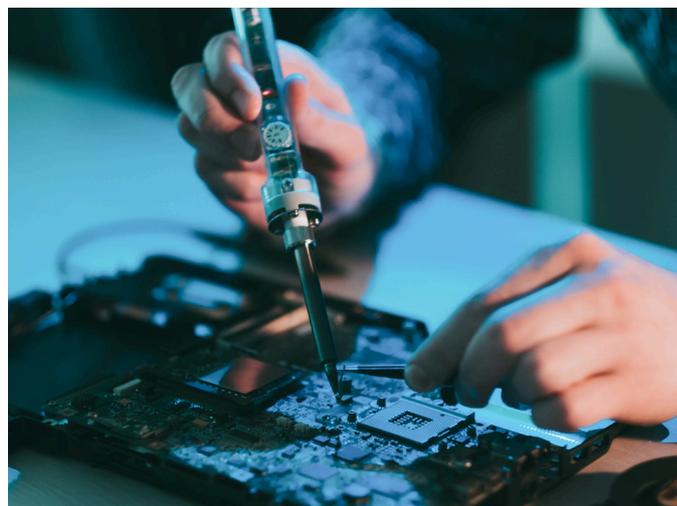
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**COMPUTER
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JOBS OFFERED

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MBA

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PULSE

PULSE.

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

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.



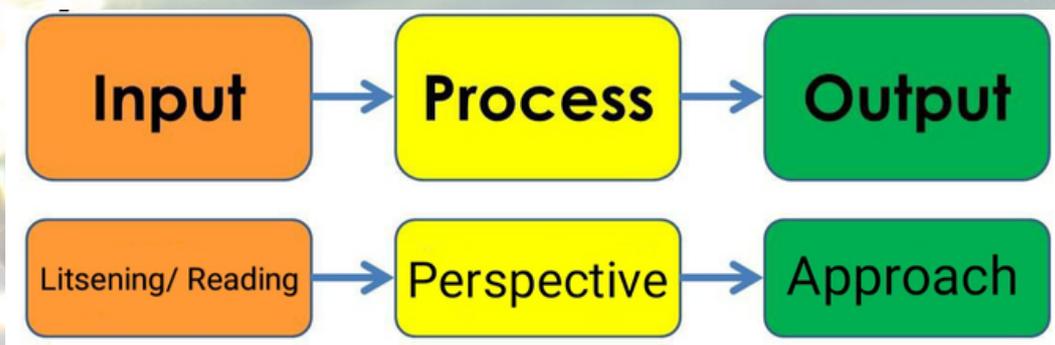
Ronik Warghane

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 Articles

Perspective is the thing that makes a person stand out of the crowd. If a thing is kept and you ask different people 'How's it?' you will get different answers. This is because of different perspective of people.

Our Perspective must be Clear to ourselves and must be POSITIVE and MEANINGFUL. So we must enjoy the process of approach and must focus on IMPROVEMENT OF OUR PERSPECTIVE. As a great thinker had already said,

"If you change the way look at things,
The things you look at CHANGE."



Ronik Warghane

पता नहीं क्या हो रहा है आज कल..???

पता नहीं क्या हो रहा है आज कल...
चोट लगी नहीं पर दर्द हो रहा है आज कल...

पता नहीं क्या हो रहा है आज कल...
दर्द भी अपना सा लग रहा है आज कल...

पता नहीं क्या हो रहा है आज कल...
दिल कुछ चाह रहा है...
और कर कुछ रहा है...

पता नहीं क्या हो रहा है आज कल...
कुछ तो खुदा की भी मर्जी होगी...
वर्ना ये दिल बहलता नहीं...

पता नहीं क्या हो रहा है आज कल...
कुछ तो हमारी भी खता होगी...
वर्ना ये दिल दुखता नहीं...

ना जाने कौन सी ये खाता है
जाने क्यूं हमें पता नहीं...???

Embracing the Digital Symphony: Journeying Through the Heartbeat of Technolog

In the glow of screens , our world unfolds,
Every tap and click , a story told.

From dawn till dusk,
in the internet's embrace,
We find inspiration in every digital space.

The hum of machines , the buzz of wires,
Each electronic heartbeat fuels our desires.

From smartphones to laptops , and everything in between,
In these gadgets , a world of possibilities is seen.

With each connection made , a spark ignites,
In the realm of circuits , we reach new heights.

From routers to modems , transmitting data a far,
Every signal carries the promise of a shining star.

In the realm of electronics , innovation thrives,
As we navigate through circuits and drives.

Every switch, every LED , a beacon of light,
Guiding us forward , through the darkest night.

So let us embrace the technology of today,
For in these devices , our dreams find their way.

With each electronic heartbeat , let us aspire,
To create, to innovate e, and to reach higher.



Kartik Pachkhande

"प्रकृति की अद्भुतता: नया जीवन, नयी प्रेरणा"

जीवन का सफर , प्रकृति के साथ,
हर पल एक नई राह , हर पल एक नई बात।

नदी का पानी , पहाड़ों की ऊँचाई,
सिखाते हैं हमें , जीने की सच्चाई।

जैसे परिंदों की उड़ान , बेताब और बेखबर,
तू भी अपने सपनों की ओर बढ़ने का इरादा कर।

प्रकृति की सुंदरता , बड़ी है प्रेरणा,
जीवन के हर मोड़ पर , बढ़ने का संदेश देती यह संवेदना।

प्रकृति की खूबसूरती , अद्भुत और निराली,
हमें प्रेरित करती , चलने की बनाती मुहाली।

जीवन की पारियों में , ज्ञान की अनगिनत धार,
प्रकृति से मिलता , हमें हर पल नया साथ।

कभी भी जीवन के मोड़ पर , जब हो मुश्किल या आस,
प्रेरणा से भर देती , प्रकृति की मिठास।

प्रकृति की सुंदरता से , हमें मिलता साथ,
जीवन के हर पल में , प्रेरणा की है बात।

जीवन को खुशियों से सजाओ,
नई प्रेरणा से जीने की राह बनाओ।

अपने सपनों को पूरा करने का संकल्प बनाओ,
और हर पल खुशी से जीते जाओ॥



Bhakti R. Chavhan

NAVIGATING THE TRANSITION FROM SCHOOL LIFE TO COLLEGE LIFE

As students journey from the familiar halls of high school to the bustling campuses of college, they embark on a transformative period of their lives. The transition between school life and college life marks a significant milestone, characterized by both excitement and challenges. Understanding and effectively navigating this transition can greatly influence one's college experience and academic success.

Firstly, the shift from the structured routine of school life to the autonomy of college life can be both liberating and daunting. In high school, students often follow a predetermined schedule, with classes and activities carefully planned out. However, in college, students have more freedom to manage their time and make their own choices. This newfound independence requires self-discipline and time management skills to balance academic responsibilities with extracurricular activities and personal commitments.

Moreover, the academic expectations in college differ from those in high school. College courses are more rigorous and demanding, requiring students to engage in critical thinking, independent research, and self-directed learning. The transition to college academics may require students to adapt their study habits and develop new strategies for success, such as attending office hours, forming study groups, and seeking academic support services.

Student's Articles

Additionally, college life offers a diverse and vibrant community where students have the opportunity to explore new interests, pursue their passions, and build meaningful relationships. The transition to college involves navigating social dynamics and forging connections with peers from diverse backgrounds. Joining clubs, organizations, and campus events can help students expand their social network and find their place within the college community.

Furthermore, the transition from school life to college life involves adjusting to a new environment and navigating unfamiliar challenges. From managing finances and living independently to coping with homesickness and academic pressure, students may encounter various stressors during this transition. It is essential for students to prioritize self-care, seek support from friends, family, and campus resources, and develop resilience in the face of adversity.

In conclusion, the transition from school life to college life is a transformative journey filled with opportunities for growth, learning, and self-discovery. By embracing independence, adapting to academic expectations, engaging in the college community, and prioritizing self-care, students can navigate this transition successfully and thrive in their college experience. As students embark on this new chapter of their lives, they are equipped with the resilience, skills, and support systems needed to navigate the exciting challenges and possibilities that lie ahead.

**SCHOOL
TO
COLLEGE**



RAJ BHENDE

मैं अकेला चल पड़ा हूँ..

कभी खुद से ही लड़ा हूँ,
कभी दुनिया के सामने
अपनी ही जिद पर अडा हूँ;
मैं अकेला चल पड़ा हूँ..

हो आसमान में तपता सूरज,
या हो बेसुधा चंद्र रात;
हर डगर में डटकर खड़ा हूँ,
मैं अकेला चल पड़ा हूँ..

चाहे आंधी आए, या तूफान,
या विशाल समंदर में सुनामी;
संघर्षों की शमथीर लिए अडा हूँ,
मैं अकेला चल पड़ा हूँ..



SANDESH SANTOSH
SHANGARWAR

EMBRACING EXPLORATION: THE ESSENCE OF COLLEGE LIFE

College life is often hailed as a time of exploration, discovery, and self-expression. It is a period marked by newfound independence, diverse opportunities, and endless possibilities. From academic pursuits to extracurricular activities, college offers students a platform to explore their interests, broaden their horizons, and shape their identities.

One of the most significant aspects of exploration in college life is academic curiosity. College provides students with a rich and varied curriculum, allowing them to delve into diverse fields of study and engage with complex ideas. Whether it's exploring a new language, delving into the intricacies of science, or dissecting the nuances of literature, college encourages intellectual curiosity and critical thinking. Students have the freedom to choose their courses, pursue interdisciplinary studies, and conduct research that aligns with their passions and aspirations.

Moreover, college life extends beyond the confines of the classroom, offering a plethora of extracurricular opportunities for students to explore. From joining student clubs and organizations to participating in sports, arts, and community service activities, college provides a vibrant ecosystem for students to discover their talents, develop leadership skills, and forge lifelong friendships. These extracurricular pursuits not only enrich the college experience but also contribute to personal growth and character development.

Student's Articles

Furthermore, exploration in college life extends to the realm of personal development and self-discovery. For many students, college is a time of introspection and exploration of one's values, beliefs, and identity. Away from the familiar surroundings of home, students have the opportunity to explore different cultures, perspectives, and worldviews. They encounter diverse individuals from various backgrounds, challenging their assumptions and broadening their understanding of the world. This exposure to diversity fosters empathy, tolerance, and a deeper appreciation for the richness of human experience.

Additionally, college life offers opportunities for students to explore their career aspirations and chart their professional paths. Through internships, co-op programs, and networking events, students gain real-world experience, expand their professional networks, and explore potential career paths. College career centers provide resources and guidance to help students navigate the job market, polish their resumes, and prepare for interviews, empowering them to pursue fulfilling and meaningful careers.

In conclusion, exploration lies at the heart of college life, shaping the experiences and trajectories of students as they navigate this transformative journey. Whether it's pursuing academic interests, engaging in extracurricular activities, or embarking on a journey of self-discovery, college offers students a platform to explore, experiment, and evolve. By embracing exploration, students can unlock their full potential, cultivate lifelong passions, and embark on a path of continuous growth and fulfillment.



YEGNESH KAMBLE

THE EXPECTATIONS

'The Expectations' this is the term That's with us since from the very frist day of our life . As we grow up these expectations grow with us ,our parents want us to be Perfect in every thing we are doing our other relationships also expect many things from us and we also try to fulfill those expectations. This is a very normal thing until and unless those expectations become our lifestyle and we push ourselves too much to fulfill those dreams or expectations we just expect so much from ourselves That we forget what our reality is we forget where we actually lay, what we are now and what we are expecting or dreaming for ourselves and if we didn't achive these dreams and we get to know the reality of ourselves then those expectations and dreams turn into Burden .A Burden that slowly push us to our low and we forget That what we achive, what we have . We are unable to appreciate our work aur achivement and just able to see what we are not able to de why we are the one who is lacking behind and everyone are just getting better in their work and dreams.

Amalgamation of these expectations in our lifestyle can just make our life stressful . So let just take a pause from the race that we are running for so long and take moment to look back and appreciate those achivement that we got in order to fulfill those A dreams and Expectations and drop out the burden of Expectations that we are carrying on our shoulder because that burden is just create a stress and make us question on our efforts and make a restart to fulfill those dreams.



SAURABH KAMBLE

THE EVOLUTION OF INDIAN HIP-HOP

“Asli hip hop se mila ye hindustan ko”

The most loved music genre among the youngsters that truly don't need any introduction these days. A Rhythmic revolution brewing in India's cultural landscape.

Welcome to the captivating world of Indian Hip-Hop and get to know about some of the most famous hiphop artist of the country and evolution of Indian hiphop.

Let's go back to 1990s where it all started. Baba sehgal also known as “The king of Indian rap” in 1992 dropped the record breaking rap album “thanda thanda pani” for the first time and brought the rap scene in India with his catchy hindi hook. But it was not until early 2000, India saw the true birth of Dhh. Bohemia, the godfather of Desi hiphop, living in California released his debut album “vich pardesa de” that provided Indian hip hop the spark it badly needed. Bohemia inspired many young artist Slowly rap scene started as a street culture in big cities like Delhi and Mumbai. It led to the growing popularity of Indian cyphers. These cyphers have been vital part of a culture since early days of hip hop. Platforms such as Spitdope gained popularity among the Indian hip hop community founded in 2016 by Delhi rappers EncoreABJ, MC kode and Yungsta organised several cyphers across the country and gave rise to the Delhi hip hop community. But still the hip hop scene remained underground with niche loyal audience.

Soon, dhh saw the birth of gully rap. Naezy and Divine emerged from streets of Mumbai ,underground rap grew to fame.

In 2019, inspired by the lives of Indian street rappers, Divine and Naezy, director Zoya Akhtar made a Bollywood movie Gully boy in 2019. This film made a huge success and left the huge impact on dhh scene by bringing large amount of audience. India grooved to the beats of hip hop popularised by the movie gully boy . It did help the underground artist of a gully rap scene in Mumbai. It generated a new wave of hip hop audience.

It delivered what it was supposed to do that is introducing the stories of aspiring rappers from slums of Mumbai. But in same time it caused some harm like the stigma created in a notion among the audience that only gully rap scene in Mumbai is a real hip hop. You would often come across listeners who will tell you “mai sirf real hip hop sunta hu” “jaise?” “kisko?” “divine” “aur?” “Sirf divine”

Student's Articles

Consequently, contribution of rappers from other part of India for example Sikhander Khalon, Brodha V, Raftaar, Prabhdeep, Ikka who had been, hustling for almost a decade are often largely overlooked.

Seedhe maut, the best in the business duo quickly became flag bearers of hip hop in Delhi and all over the India. Seedhe maut debuted in the year 2016 and since then there is no going back.

There are some other rappers who are growing really fast in terms of stats, like Kr\$na, Karma, King, MC Stan, Young Stunners, Rawal, raga, youngsta, dhanji, karma, the siege, AB 17 and, many more are recognised for their compressive skill and unique style of writing with such a vibrant and talented pool of younger underground rappers and it's clear that Indian rap scene is here to stay.

People love listening to things they relate to and that is why people love rap. They relate to what rapper talk about and lyrics hit right notes to the listeners. It makes people think that the beautiful things come out of struggle and that's what rap is always about. The hip hop genre is beyond the perfect description and truly don't need any introduction from big labels to streaming giants and brands. They are all saying same thing hip hop is the hottest independent music genre in India and it is going to get bigger and bigger

Hip-hop is a voice- and vision-centred culture. Hip-hop has a lot to give, but it's not just about the words that a rapper spits, the actions an artist performs, or the songs one writes, hip-hop has an entire vision and way of thinking. There is a lot more to it than just fast music and quick-fired lyrics. It involves the creativity of many various ideas, countless points of view, tons of experiences, and a lot of untapped ability in those around us.

Every artist is growing constantly and everyone is pushing their art do better. There was a time when hip hop was not considered an art form in India but now I guess everybody wants to be the part of it.

Arya Chawade

Navigating the Intersection of Technology and Education

In an era defined by rapid technological advancement, the landscape of education is undergoing a profound transformation. As students, educators, and administrators navigate this evolving terrain, it's essential to understand the intersection of technology and education, its implications, and the opportunities it presents.

Technology has revolutionized the way we access information, communicate, and learn. From interactive whiteboards to online learning platforms, educational technology has become an integral part of the modern classroom. It offers personalized learning experiences, facilitates collaboration, and allows for innovative teaching methods that cater to diverse learning styles.

One of the most significant benefits of technology in education is its ability to democratize learning. With the rise of online courses and digital resources, education is no longer confined to the traditional classroom setting. Students from across the globe can access high-quality educational content, regardless of their geographical location or socioeconomic background. This accessibility fosters inclusivity and creates opportunities for lifelong learning.

Furthermore, technology enables educators to adapt their teaching methods to meet the needs of 21st-century learners. Interactive simulations, virtual reality experiences, and gamified learning platforms engage students in ways that traditional lectures cannot. These immersive experiences not only enhance retention but also foster critical thinking, problem-solving, and creativity – essential skills for success in today's fast-paced world.

However, the integration of technology in education also poses challenges and raises important questions. Concerns about screen time, digital distractions, and data privacy have prompted conversations about responsible use and ethical considerations. Additionally, the digital divide persists, with disparities in access to technology exacerbating existing inequalities in education.

Student's Articles

Navigating the Intersection of Technology and Education

As we navigate the complexities of technology in education, it's crucial to strike a balance between innovation and intentionality. While technology can enhance learning outcomes, its effectiveness ultimately depends on how it is implemented and integrated into the curriculum. Educators must undergo continuous professional development to harness the full potential of educational technology and leverage it effectively in the classroom.

Moreover, as we embrace technology, we must not lose sight of the human element of education. While digital tools can facilitate learning, they cannot replace the relationships and interactions that are central to the educational experience. Empathy, understanding, and personalized support remain essential components of effective teaching and learning.

In conclusion, the intersection of technology and education holds immense promise for transforming the way we teach and learn. By embracing innovation, fostering inclusivity, and maintaining a human-centric approach, we can harness the power of technology to create meaningful and impactful educational experiences for generations to come. As we embark on this journey, let us remain mindful of the opportunities, challenges, and responsibilities that accompany this digital age of education.



Ashwini S. Galhat

Student's Articles

The Transformative Power of Art: Catalyst for Social Justice Movements

In the annals of history, art has often stood as a silent yet resounding force, a beacon of hope amidst adversity, and a catalyst for change in the face of injustice. From the brushstrokes of iconic paintings to the beats of protest songs, art has served as a mirror reflecting society's triumphs and tribulations, while also igniting the flames of social change. In the ever-evolving landscape of social justice movements, art emerges not only as a form of expression but as a potent weapon in the fight for equality, equity, and human rights.

In the mosaic of human history, art has long been a potent instrument for social change, a medium through which the voiceless find resonance and the marginalized gain visibility. From the murals adorning city walls to the haunting refrains of protest songs, art has served as a rallying cry for justice, a mirror reflecting society's conscience. In this article, we delve into the multifaceted role of art in driving and sustaining social justice movements, illuminating its ability to challenge norms, inspire action, and foster empathy.

Art possesses a unique capacity to transcend linguistic barriers, engaging hearts and minds in a dialogue that transcends mere words. It serves as a conduit for shared experiences, amplifying the voices of those who have been silenced by oppression and discrimination. Consider the iconic image of Rosie the Riveter, symbolizing the strength and resilience of women during World War II, or the poignant photographs capturing the raw emotion of civil rights demonstrations. These artistic expressions not only document history but also ignite collective consciousness, fueling movements for change.

One of the most powerful aspects of art in social justice movements is its ability to confront injustice head-on, compelling viewers to confront uncomfortable truths and confront their own complicity.

Student's Articles

Moreover, art has the power to humanize the "other," fostering empathy and understanding in a world fraught with division and polarization. Through storytelling and visual representation, artists offer glimpses into lives often overlooked or misunderstood, fostering connections that transcend cultural, racial, and socioeconomic divides. By centering the experiences of marginalized communities, art invites viewers to walk in another's shoes, fostering compassion and solidarity essential for collective action.

Furthermore, art serves as a vital tool for resistance, offering solace and strength to those facing adversity. In times of repression and censorship, artists have wielded their creativity as a form of nonviolent protest, challenging oppressive regimes and inspiring resilience in the face of adversity. From the underground art movements of authoritarian regimes to the graffiti-covered barricades of revolution, art becomes a potent symbol of defiance, asserting the indomitable spirit of human resilience.

In conclusion, the role of art in social justice movements is as multifaceted as it is indispensable. From its ability to amplify marginalized voices to its capacity to challenge injustice and foster empathy, art serves as a catalyst for change, inspiring movements that reshape the fabric of society. As we navigate an increasingly complex and divided world, let us heed the call of artists who dare to envision a more just and equitable future, where creativity becomes a force for liberation and transformation.



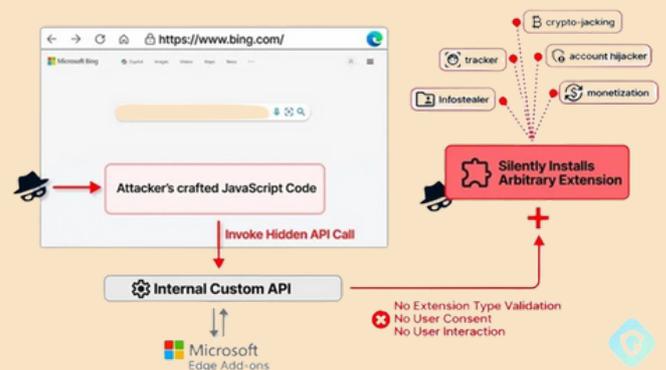
Aparna Badhe

A Bug in Microsoft Edge Browser can be dangerous for its users!

A now-patched security flaw in the Microsoft Edge web browser could have been abused to install arbitrary extensions on users' systems and carry out malicious actions.

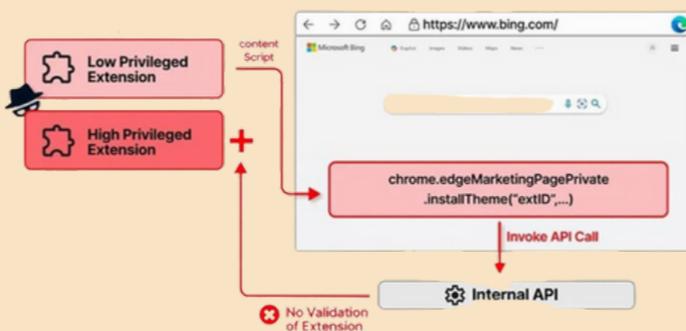
"This flaw could have allowed an attacker to exploit a private API, initially intended for marketing purposes, to covertly install additional browser extensions with broad permissions without the user's knowledge"

An attacker who successfully exploited this vulnerability could gain the privileges needed to install an extension," Microsoft said in an advisory for the flaw, adding it "could lead to a browser sandbox escape.



An attacker who successfully exploited this vulnerability could gain the privileges needed to install an extension," Microsoft said in an advisory for the flaw, adding it "could lead to a browser sandbox escape.

Describing it as a privilege escalation flaw, the tech giant also emphasized that a successful exploitation of the bug requires an attacker to "take additional actions prior to exploitation to prepare the target environment."



Rasika Pande

आईना!

मीलों दूर घर से,
एक सुनसान रास्ते पर;
मैं एक लड़के से मिला,
जो ढूँढ़ रहा था घर!

उसकी आँखें नम थीं,
शायद रो भी रहा था;
वो खुद भी अनजान था,
उसके साथ क्या हो रहा था!

मैं उससे मिलने गया,
सोचा, कहेगा उसका मुआयना;
उसने मुझसे कहा –
"पहचाना मुझे? मैं आईना!"



SANDESH SANTOSH
SHANGARWAR

A Girl Behind Me!!

**A girl behind me
laughs with many,
Happy with nobody,
She smiles randomly,
Who knows!
She screams so badly.**

**A girl behind me
Locks her face within the pillows,
Saying everything's alright.
The reality – she locks her pain
And cry all night.**

**A girl behind me
Says she don't care,
The world says she is rock hearted,
Who knows!
She is broken inside!!**

Anandi Girde

Alumni's Articles

“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.



PARMITA HENDRE
KDKCE Batch 2023
(Electrical Engineering)

Alumni's Articles

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.



Thanks,

Bhagyesh Meshram

Executive(Bharti Airtel)

Batch – 2023

(Electrical)

Alumni's Articles

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!!!



Regards,

Mr. Sumit Nagpure

Executive – Maintenance

Antony Waste Handling Cell Limited

Batch – 2018 to 2022

(Mechanical Engineer)

Magazine Committee

College Magazine 2023-2024



Ronik Wagrane

PULSE

College Magazine | Volume IX



**PRATHAM
MUNNARWAR**



**YASHASVI
MADNE**



**NEEDHI
KHOT**



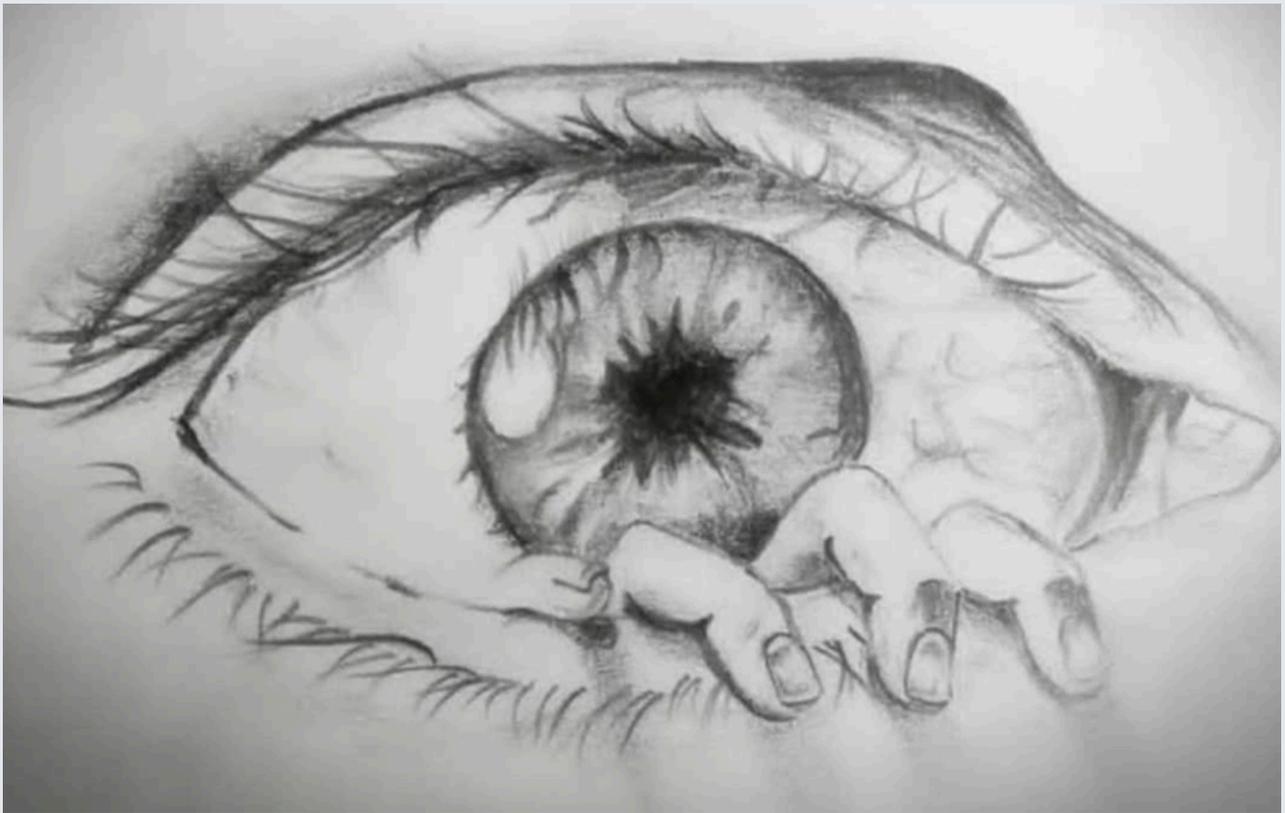
**RIDAY
MANDAL**



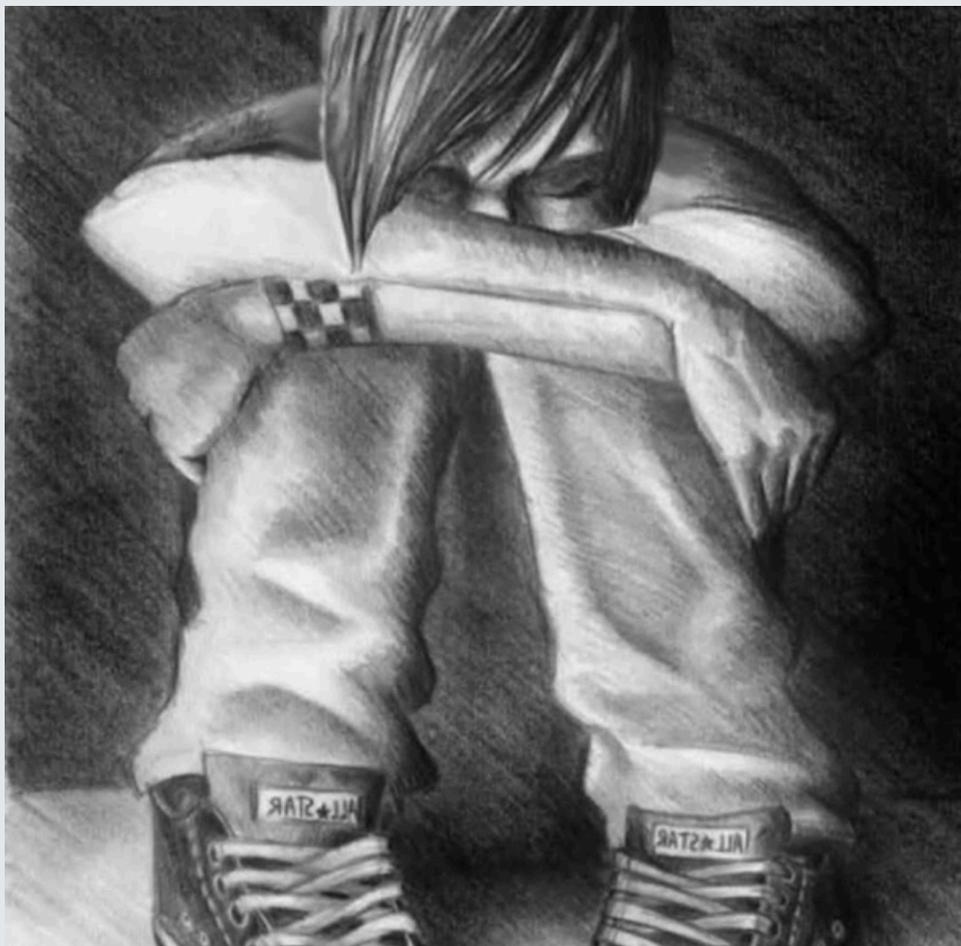
**SAHIL
MADANKAR**



**TANUSHREE
PATLE**



Riday Mandal
Civil Engg.



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ABOUT US

The Karmavir Dadasaheb Kannamwar College of Engineering, 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 eight undergraduate B.Tech. programs (were named as B.E. before 2020-21) viz. 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), Bachelor of Computer Applications(intake of 120) and three postgraduate programs viz. M.Tech.(Structural Engineering with an intake of 18), Master of Business Administration (intake of 60) and 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 each.

