

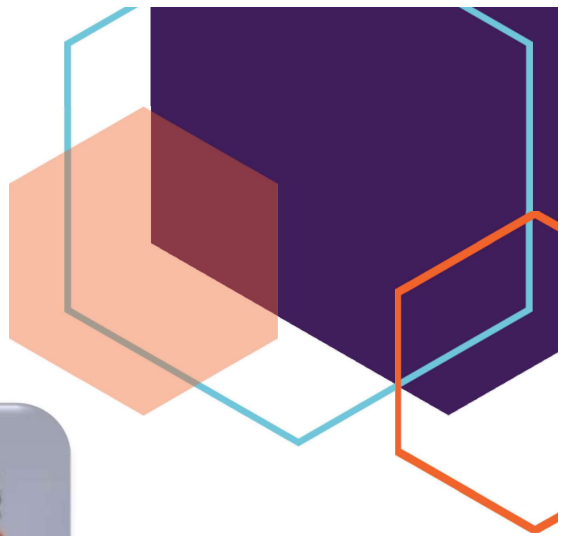
INSPIRING ROOTS

IDEAS INTO ACTION.

**THE EMERGING LEADERS
OF TOMMOROW**

VOLUME 9

OUR INSPIRATION & STRENGTH



Hon'ble Dr. Patangrao Kadam
Founder – Bharati Vidyapeeth, Pune



Prof. Dr. Shivajirao Kadam,
Chancellor – Bharati Vidyapeeth, Pune
(Deemed To Be University, Pune)
Member, UGC (2005-11)
Member, NAAC (2012 Onwards)



Dr. Vishwajeet Kadam
Secretary – Bharati Vidyapeeth, Pune
Pro Vice Chancellor, Bharati Vidyapeeth
(Deemed To Be University, Pune)

FROM PRINCIPAL'S DESK

Dear all,

I'm thrilled to share some exciting news about our college's progress over the past few years. It's truly been a privilege to witness our students blossoming in all aspects. Seeing them soar in academics and co-curricular activities fills me with immense pride. As the saying goes, "Knowledge is power," but even the most fertile garden needs tending to produce a harvest.

The world today is fast-paced and fiercely competitive, demanding well-rounded individuals, not just bookworms. That's why I firmly believe every student deserves the platform to develop their talents. Knowledge without practical experience is wasted potential, in my opinion.

Recognizing the burgeoning entrepreneurial spirit among our students, I was instrumental in establishing the Incubation Cell. This initiative allows students like you to leverage your specialized skills alongside business acumen to launch innovative products and services.

A dedicated faculty and an enthusiastic student body are the hallmarks of a valuable education, and I'm proud to say our college has consistently provided this environment for years.

Finally, let's remember the wisdom in "aiming for the stars while keeping our feet firmly on the ground." Here's to continued success, together!

"There are no shortcuts to any place worth going." —Beverly Sills



Dr. DHARMENDER SAINI
(Principal – BVCOE)

FROM EDITOR'S DESK

Dear all,

It's with immense pride that I welcome you to the 8th edition 9 of BVCOE's Incubation Cell college bulletin, "The Inspiring Roots." My time as Editor has been truly inspiring. Witnessing the surge in student interest towards entrepreneurship – a fire to launch their own ventures and become future business leaders – has been incredible.

This very passion fuelled the creation of our Incubation Cell. It's here that aspiring student entrepreneurs like yourselves can find the right guidance, tailored programs, valuable resources, and ongoing support you need to thrive. Our mission? To empower YOU, BVCOE's budding business leaders. Through the vibrant incubation community, you'll gain practical experience in business development, all while being fuelled by the encouragement and expertise of our staff, board, and industry professionals.

Today's youth shouldn't just chase opportunities – we should be the ones creating them. At BVCOE, we're deeply committed to fostering this spirit of entrepreneurship within you. To empower you on your path to self-employment and exciting career possibilities, the college is here to provide every conceivable form of assistance.

Finally, a heartfelt thank you to the publication team for their tireless efforts in bringing this issue to life.

As the saying goes,

"The road to success is paved with persistence. Those who give up never reach the finish line."

Let's make that journey together!



Dr. Arvind Rehalia
(Manager - Incubation
Cell)

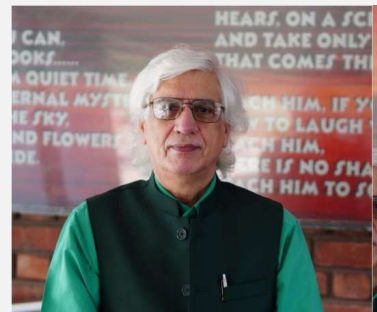
From the Desk of Mentor

It is a privilege to share my thoughts in Inspiring Roots, a magazine that reflects both creativity and aspiration. Education is not only about gaining knowledge, but about nurturing curiosity, values, and the courage to create. As engineering students, you hold the power to be innovators and entrepreneurs—problem solvers who shape society, nation and the future.

Do not limit yourselves to seeking opportunities; strive to create them. Let challenges inspire innovation, let failures teach resilience, and let your ideas grow into ventures that benefit people and nation alike. True success lies not just in personal achievement, but in the positive impact you leave behind.

Stay rooted in integrity, aim high with vision, and let 'Inspiring Roots' remind you that strong roots give wings to soar.

With best wishes,





Department of Applied Science

Department Vision

- The department aspires to be a center of excellence in education in basic sciences and technology with ethical and social values

Department Mission

- To provide quality education through professional, problem-driven and interdisciplinary teaching methodology.
- To make students sensible in terms of ethical and social values in pursuing their education.



Department of Computer Science and Engineering

Department Vision

- To develop as a center of excellence in Computer Science and Engineering to produce graduates who are globally competent professionals with a sense of social responsibility.

Department Mission

- Impart technical knowledge in Computer Science and Engineering with the state-of-art infrastructure
- Provide a conducive environment for the holistic development of graduates
- Inculcate leadership qualities, teamwork, and strong ethical values among the graduates
- To promote a research culture and industry-academia collaboration to strengthen innovation

Department of Information and Technology Engineering

Department Vision

- To impart Quality Technical Education to the graduates and groom them as World Class IT Engineers, Researchers, Scholars and Entrepreneurs to serve industry and society.

Department Mission

DM1: Provide a platform to impart quality education through continuous teaching-learning process for ensuring lifelong learning in field of Information Technology and related domains.

DM2: Train graduates to apply their learning for innovation and research in solving real life problems.

DM3: Prepare graduates for industry by involving them in various professional societies, industry internships and technical events.

DM4: Inculcate ethical values among graduates to prepare them to be a responsible citizen of the society.

Department of Instrumentation and Control Engineering

Department Vision

- To develop globally competent and ethically strong instrumentation and control engineers for industry and society through quality technical education and research

Department Mission

Mission

To impart technical knowledge in Instrumentation and Control Engineering field to develop a competent Instrumentation engineer with high technical skills, high professional ethics and human values to handle the real world challenges.

Mission Statements:

DM1: To develop a competent Instrumentation engineer with high technical and professional skills.

DM2: To establish a unique learning environment to support the research activity, innovative competence and entrepreneurial attitude

DM3: To collaborate with other academic, research institutes and industry to strengthen the education and research ecosystem.

DM4: To inculcate moral, ethical and professional values among students to serve the



Department of Electronic and Communication Engineering

Department Vision

- The department aspires to be an advanced center of learning by synergizing teaching, learning and research to produce competent engineers capable of serving the society.

Department Mission

- To prepare graduates with sound technical knowledge and motivate them to explore emerging areas of research
- To create environment for the development of research and innovation activities
- To build strong relationships with industry through collaborative partnerships, student internships and research towards product development.
- To instill ethical and professional values among graduates with awareness towards societal and environmental concerns.



Department of Electrical and Electronics Engineering

Department Vision

- To gain and bestow contemporary technical education, and to encourage research in the electrical and electronics engineering domain, so as to produce industry-oriented and socially-responsible graduates

Department Mission

- To provide quality technical education in the area of Electrical and Electronics Engineering
- To develop a research-based learning environment for students to help them evolve in the emerging fields of engineering
- To promote collaboration with academic and industry experts for familiarizing graduates with the latest technological advancements
- To cultivate social-responsibility in graduates for maintaining a professional outlook while exercising ethical and moral reasoning



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FACULTY INVOLVED

- Dr. ARVIND REHALIA
- DR.RUCHI SHARMA
- Mr.MOHIT TIWARI
- Mrs.NEHA GUPTA
- Mr.PRAVEEN KUMAR DIWVEDI

Harsh Dabas

"BE YOURSELF; EVERYONE ELSE IS ALREADY TAKEN."

Harsh Dabas, a third-year Electronics and Communication student, is the founder of UniWheel, a startup focused on revolutionizing mobility solutions by transforming manual wheelchairs into electric ones through an innovative attachment. The startup's name, UniWheel, is inspired by the attachment's single-wheel design, offering a cost-effective and universal solution for wheelchair users.

The idea for UniWheel originated in March, when Harsh conducted extensive market research and surveys, uncovering a significant gap in the availability of affordable electric wheelchair solutions. By April-May, he commenced prototyping, leveraging the 3D printing facilities at his college's incubation cell to develop the initial model.



ECE 2022-26

SUCCESS IS NOT WHAT YOU HAVE, BUT WHO YOU ARE.

Harsh's solution is aimed at making mobility accessible by reducing costs. While electric wheelchairs typically start at ₹50,000 and attachments can exceed ₹40,000, his prototype can be manufactured for ₹18,000 to ₹20,000, providing a more affordable option without compromising on quality. The prototype was further refined after overcoming challenges related to design, material sourcing, and welding, with Harsh sourcing components from various markets and suppliers, including a vendor in Gujarat. His efforts culminated in the prototype being selected for Nasscom, validating the potential of the product.

Harsh's entrepreneurial spirit extends beyond UniWheel; he previously ventured into e-commerce and shoe reselling during high school. These experiences, coupled with a keen observation of the needs in tier 2 and 3 cities where affordable electric wheelchairs are less accessible, motivated him to pursue this venture. As he continues to improve the prototype and works towards registering the startup, Harsh emphasizes the value of starting with an idea and learning through each step of the journey, despite the challenges.

Ashish Chauhan

"THE BEST WAY TO PREDICT THE FUTURE IS TO CREATE IT."

Ashish Chauhan is the founder of *Ashish Plastics*, a company specializing in the sustainable production of plastic water tanks through advanced recycling processes. Established in 2007, the company repurposes used and damaged plastic materials, providing cost-effective and environmentally friendly storage solutions for both residential and commercial use. Ashish became actively involved in 2012-2013, continuing his family's legacy in plastic recycling.

Originally aspiring to become a doctor, Ashish attempted NEET but was unable to clear it. After considering a gap year, he pursued engineering at BVCOE on the recommendation of a mentor. However, upon completing his degree, he realized that his interests lay elsewhere, leading him to entrepreneurship, where he discovered his true passion.



ICE 2007-11

"ENTREPRENEURS ARE RISK-TAKERS, DOERS, AND INNOVATORS. THEY ARE THE ONES WHO SEE OPPORTUNITIES WHERE OTHERS SEE OBSTACLES."

Ashish sees challenges as a natural part of life and believes in facing them with resilience. He encourages entrepreneurs to follow their passions over external pressures. His journey has taken him across India, helped him build a network of over 7,000 contacts, and form strong industry ties. He stresses the importance of networking and maintains a structured approach to managing connections.

Additionally, he highlights the importance of overcoming the fear of failure, as every experience contributes to personal and professional growth. Currently, he is focused on team building, recognizing that a strong and capable team is essential for scaling a business. With a strategic vision and the right people, *Ashish Plastics* continues to grow, driving sustainability and innovation in the plastic recycling industry.

Aryan Tiwari

"DREAM BIG. WORK HARD."

Aryan Tiwari is the founder of Parihar India, a healthcare startup, and currently works at Scaler. Registered on February 14th this year, Parihar addresses hygiene issues faced by women in public restrooms across India. It began with an MVP—an easy-to-use female urination device designed for safety and sanitation. Despite challenges like funding and balancing academics, Aryan stays focused on creating meaningful impact in public health.

The idea for Parihar came when Aryan saw his mother struggle with unclean public restrooms. His research showed many women avoid drinking water while traveling to skip using unhygienic toilets, leading to health issues like UTIs. Noticing that most toilet seat covers were imported, paper-based, and unsuitable for Indian conditions, he set out to create a more durable and user-friendly solution.



ECE 2020-24

"SUCCESS IS NOT THE KEY TO HAPPINESS. HAPPINESS IS THE KEY TO SUCCESS. IF YOU LOVE WHAT YOU ARE DOING, YOU WILL BE SUCCESSFUL."

One of the primary challenges Aryan faces is raising awareness about the importance of hygiene solutions. Despite government initiatives to improve public restroom facilities, cultural attitudes often downplay the significance of maintaining hygiene in these spaces. Parihar India aims to shift this mindset by promoting the use of practical solutions like their toilet seat cover. Aryan's entrepreneurial journey was inspired by his father, who encouraged him to explore business opportunities from an early age. He experimented with various ideas before founding Parihar, and he emphasizes the importance of perseverance and dedication in overcoming setbacks.

Balancing his work at Scaler and developing his startup has been challenging, but his commitment to both roles demonstrates his drive and resilience.

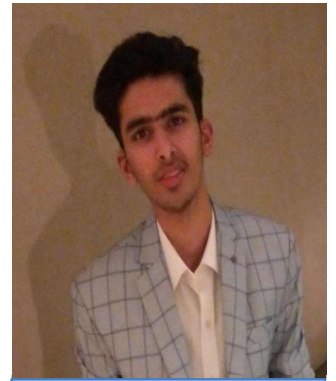
For aspiring entrepreneurs, Aryan advises embracing challenges, putting in maximum effort, and learning from failures. He believes that practical experience and learning through setbacks are often more valuable than traditional academic paths, and success frequently follows those who are willing to persevere through obstacles.

Kunal

"SUCCESS IS EARNED, NOT GIVEN."

Kunal, the founder of Gettobyte Technologies Private Limited, shared insights into his entrepreneurial journey in an interview for the *Inspiring Roots* magazine. A graduate of Electrical and Electronics Engineering from the 2018–2022 batch, he started Gettobyte as a YouTube channel during his third year of college. Over time, he transformed it into a full-fledged startup, leaving his job at NXP Semiconductors in May to pursue it full-time.

Gettobyte Technologies operates in the semiconductor domain, focusing on hardware development and edtech services. It aims to build India's semiconductor ecosystem by enabling knowledge and accessibility in emerging technologies such as AI, automotive, and drones. The company has collaborated with esteemed institutions like DTU and BITS Pilani, as well as industry leaders such as TVS Motors.



EEE 2022-26

"LIKE A WELL-DESIGNED CIRCUIT, SUCCESS IS BUILT BY CONNECTING THE RIGHT IDEAS WITH CONSISTENT EFFORT – EVERY COMPONENT MATTERS."

Kunal highlighted key challenges, including the lack of awareness and reluctance among students and professionals to engage deeply in core technologies. He emphasized the importance of technical adaptation and the need for discipline and perseverance in entrepreneurship. According to him, startups should be driven by long-term impact rather than short-term financial gains.

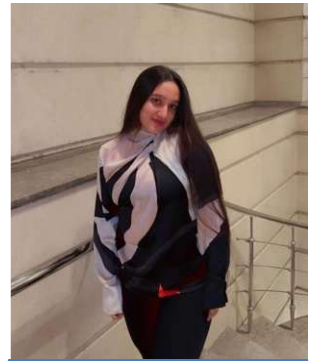
For aspiring entrepreneurs, he advised focusing on skill development and avoiding the allure of quick success. He stressed that entrepreneurship should be purpose-driven, with a clear vision for industry-wide transformation. While Gettobyte is still in its early stages, Kunal remains committed to expanding its reach and impact in the technology sector.

Pallak Khullar

"ENTREPRENEURSHIP IS THE ART OF TURNING IDEAS INTO IMPACT."

Pallak Khullar, set to graduate in 2026, is the founder of StudyByU, an edtech startup that seeks to transform education through personalized learning, AI, and virtual labs. The concept took shape during her first year of college, driven by the realization that traditional classrooms didn't cater to diverse learning needs. Inspired by her struggles with understanding complex concepts in high school, she envisioned an interactive platform where students could learn at their own pace while making education engaging and accessible.

Pallak's entrepreneurial journey involved overcoming multiple challenges, from navigating the edtech space to understanding the needs of students, parents, and teachers. Building a dedicated team and learning to pitch her vision effectively to investors made funding a major hurdle. Juggling academics while launching her startup added to the pressure, but each challenge only strengthened her determination and focus.



ECE 2022-26

DO NOT WAIT FOR LEADERS. BECOME ONE.

A major influence in Pallak's life has been her father, who instilled the importance of taking initiative and leading rather than following. This mindset shaped her commitment to entrepreneurship, which she views as a way to address societal needs through innovation and resilience. She believes that entrepreneurship is not just about starting a business but about driving positive change and personal fulfillment.

Pallak extends her gratitude to her college for providing a supportive incubation environment and her parents for their invaluable guidance. She encourages aspiring entrepreneurs to seek out supportive communities, take risks, and pursue their passions with determination, believing that every step forward counts.

Utkarsh Gupta

“ENTREPRENEURSHIP IS THE COURAGE TO START AND THE PERSISTENCE TO SUCCEED.”

Uttakarash is the founder and driving force behind **Kairos Technologies**, a startup established in 2017 that specializes in **compressed air treatment solutions**. The company focuses on compressing, filtering, and processing air for industrial applications, including automation, automotive, and textile sectors. With a strong engineering background, Uttakarash was motivated to create a venture that leverages freely available resources like air, aligning with both economic and environmental sustainability goals. His vision was to develop a technical product that fulfills socio-economic responsibilities while minimizing carbon footprints.

As a young entrepreneur, Uttakarash faced significant challenges, including establishing credibility in an industry dominated by seasoned professionals. He also encountered difficulties in resource procurement and building a team of like-minded individuals who shared his entrepreneurial vision. Despite these obstacles, he emphasizes the importance of taking calculated risks, particularly at a young age, and viewing failure as a stepping stone to success.



EEE 2012-16

IF YOU'RE NOT A RISK TAKER, YOU SHOULD GET THE HELL OUT OF BUSINESS.

Reflecting on his early years, Uttakarash emphasizes the importance of balancing academics with co-curricular activities. His involvement in organizing cultural and technical college festivals helped develop leadership skills and a risk-taking mindset that later supported his entrepreneurial path. He also credits his professors for providing mentorship and connecting him with industry experts, which played a key role in his professional development.

Uttakarash regards entrepreneurship as a dynamic and fulfilling career path, offering the freedom to innovate, build a reputation, and create meaningful impact. His journey exemplifies the importance of resilience, strategic risk-taking, and continuous learning in achieving long-term success.

Shubham Jain

"SUCCESS IS THE SUM OF SMALL EFFORTS."

Shubham Jain is the founder of Keploy, a test generation platform that helps developers create technically validated tests, ensuring seamless deployment.

Shubham explains that Keploy started as an internal solution to streamline software development. While working at FarEye and Lenskart, he noticed that traditional two-week development and testing cycles slowed innovation.

To solve this, his team built an automated testing tool that reduced deployment time to a single day. When they shared it with others, they realized its broader potential and decided to turn it into a company, securing early funding from previous investors.

Shubham explains that his motivation for



CSE 2013-17

"COMING TOGETHER IS A BEGINNING, STAYING TOGETHER IS PROGRESS, AND WORKING TOGETHER IS SUCCESS."

He advises aspiring entrepreneurs to pursue passion-driven ventures rather than focusing solely on money, as the journey requires significant sacrifices. He himself faced financial challenges, earning much less than he would have in a corporate role.

Shubham credits his success to his co-founder, Neha, his previous managers, and his investors, especially Charati Ventures, for their support and guidance.

He also acknowledges the crucial role his family played in encouraging him to take risks.

His message to young entrepreneurs is clear: solve real problems, stay committed, and be prepared for challenges. Passion and persistence, he believes, are key to building something truly impactful.

MUDIT

"THE SECRET TO SUCCESSFUL HIRING IS THIS: LOOK FOR THE PEOPLE WHO WANT TO CHANGE THE WORLD."

Mudit, a 2024 IT graduate, is the founder of *Darzi*, a clothing startup launched in March 2024. Inspired by his family's strong business background, he decided to explore entrepreneurship during his final year of college after securing placements. With a vision to make a mark in the clothing industry, Mudit utilized his free time in college to lay the foundation of his venture.

Mudit identifies customer acquisition, quality sourcing, and brand building as key challenges. His strategy focuses on offering quality products at competitive prices while scaling gradually to manage risks. He stresses the importance of research but warns against overanalyzing, advocating for starting small, testing the market, and scaling based on response.



IT 2020-24

"TWO THINGS ARE INFINITE: THE UNIVERSE AND HUMAN STUPIDITY; AND I'M NOT SURE ABOUT THE UNIVERSE."

Mudit believes entrepreneurship offers immense opportunities for growth, particularly for young individuals with innovative ideas. However, he stresses the importance of financial discipline and the ability to handle challenges like competition and customer retention. For *Darzi*, word-of-mouth referrals and customer testimonials have been instrumental in building trust and driving growth.

The startup's journey began with its first order from Bharati Vidyapeeth College of Engineering (BVCOE). Today, *Darzi* has expanded its reach to institutions like Delhi University, BITS campuses, DTU, and Bennett University. Mudit attributes this success to the power of referrals, consistent quality, and the ability to meet customer expectations, laying the groundwork for further growth.

Vishwendra Kashyap

"WINNERS ARE NOT AFRAID OF LOSING. BUT LOSERS ARE. FAILURE IS PART OF THE PROCESS OF SUCCESS."

Vishwendra Kashyap, who graduated in 2022, is the founder of Viprab, a startup focused on IT services and agricultural innovations. His entrepreneurial journey began during his diploma, where he saw a gap in affordable tech solutions. This led him to create a platform offering ERP, CRM, and website development at competitive prices, using college interns to keep costs low.

In addition to tech services, Vishwendra is developing two agricultural ventures. The first, Grameen, focuses on contractual farming by connecting industries with farmers, ensuring a consistent supply of agricultural produce like corn. The second project involves producing compressed biogas (CBG) from biodegradable waste, including Napier grass and food waste, aimed at manufacturing eco-friendly fuel alternatives like CNG.



CSE-2018-22

"CHASE THE VISION, NOT THE MONEY. THE MONEY WILL END UP FOLLOWING YOU."

Balancing multiple ventures came with challenges for Vishwendra, including managing funds, understanding labor laws, and handling daily operations. His experience as a growth consultant at Shopdeck, alongside running Viprab, gave him a unique perspective on the stability of employment versus the uncertainties of entrepreneurship. He follows a philosophy centered on calculated risks, smart hiring, and strategic planning to drive sustainable growth.

He credits mentors like Mr. Subhash Malik for guiding him along the way and acknowledges BVP's growing support for student entrepreneurs. Vishwendra encourages students to explore entrepreneurship during college, as it is a period with fewer financial burdens. He believes in taking the initiative, emphasizing that innovation requires action: "If you don't start working on your idea, someone else will."



BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING

Affiliated to Guru Gobind Singh Indraprastha University (GGSIPU), Delhi
A-4, Paschim Vihar, New Rohtak Road, New Delhi-110063
(In Front of Paschim Vihar East Metro Station)

Ph: 25258637, 25278443, 25278444 Telefax:91-11-25275436,

Email:coedelhi@bharatividyaapeeth.edu

Website: <http://coedelhi.bharatividyaapeeth.edu>, www.bvcoend.ac.in

OUR MENTORS



ELA VINOD (IT)



ARMAAN JAIN (EEE)



SANYA KATARIA (IT)

CHIEF EDITORS



BHUMIK(ECE)



SHIVANG(ECE)



DEVANSH(ICE)

TEAM

DESIGN

NIKHIL (ECE)

NIHARIKA(CSE)

KAMAKSHI (ECE)

KHUSHI (ECE)

INTERVIEW

DHRUV(ECE)

RIDDHI(ECE)

GOMS(IT)

NIHARIKA(CSE)

KAMAKSHI (ECE)

ARTI(ECE)

CONTENT

MOHIT(ICE)

NIHARIKA (CSE)