Vikrant University
GWALIOR

NEWS LETTER

सृजनिका
SRIJANIKA
2024 - 25

Root of Honesty and Virtue Lies in Good Education... Plutarch

Chief Patron :

Shri. Rakesh Singh Rathore,

Hon'ble Chancellor, Vikrant University, Gwalior (MP)

Patrons :

Shri. Vikrant Singh Rathore

Pro-Chancellor, Vikrant University, Gwalior (MP)

Shri. Avinash Mishra,

Managing Director, Vikrant University, Gwalior (MP)

Dr. Premanand Singh Chauhan,

Vice-Chancellor, Vikrant University, Gwalior (MP)

Editor-in-Chief :

Mrs. Richa Verma,

Registrar, Vikrant University, Gwalior (MP)

Editors :

Ms. Taskeen Akhtar,

Faculty, Vikrant University, Gwalior (MP)

Dr. Pratibha Jadoun

Faculty, Vikrant University, Gwalior (MP)

Associate Editors :

Dr. Hridesh Kumar, Faculty, Vikrant University, Gwalior (MP)

Mr. Girja Shankar Mishra, Faculty, Vikrant University, Gwalior (MP)

Ms. Shivangi Senthia, Faculty, Vikrant University, Gwalior (MP)

Ms. Alka Yadav, Faculty, Vikrant University, Gwalior (MP)

Ms. Priyanka Narwariya, Faculty, Vikrant University, Gwalior (MP)

Editor's message

Dear Readers,

We made it happen; as an editor of Vikrant University Magazine, "SRIJANIKA", a fresh horizon of hope, hard work, enthusiasm and dedication. I'm thrilled to present this issue, a testament to the vibrant and diverse talent within our University community. It is an annual magazine serves as a platform for students and faculty to share their ideas, creativity, and research, fostering a sense of intellectual exchange and community engagement.

The magazine provides us with a unique platform to showcase the remarkable accomplishments of our students and faculty. It is a celebration of academic brilliance, a chronicle of our shared journey, and a testament to the impact we collectively make on the world.

The holistic approach of our university also ensures us to raise the bar of deliverance, confidence and enthusiastically move for progress of the issue. We carry our ideology- inspire, inform and share our thoughts and experiences with our readers. This magazine hopes to find the readers actively engrossed in the various articles written and as well elicit an equally curious and appreciative response.

Enjoy Reading………

Hon'ble Chancellor's Message

It is a matter of great pride to witness the continued growth and achievements of our university. As we move forward in our pursuit of excellence, we remain committed to nurturing innovation, academic integrity, and holistic development. Our goal is to empower students with knowledge, skills, and values that prepare them for global challenges. This newsletter reflects the vibrant spirit of our community—celebrating accomplishments, sharing ideas, and inspiring progress. I extend my heartfelt appreciation to the students, faculty, and editorial team for their dedication. Let us continue working together to shape a brighter future for all.

Warm regards,

Rakesh Singh Rathore

MoUs of VU:
A Vision for National and Global Partnerships

MoU with Virohan to Boost Healthcare Education

Vikrant University signed MoU with Virohan to launch healthcare courses, providing students industry-relevant skills and improved employability.

Historic MoU Vikrant University × QCFI

Vikrant University signed MoU with QCFI to foster innovation, research, and quality in education and industry.

MoU with Immerse AI to Drive Innovation in AI Education

Vikrant University partners with Immerse AI to enhance AI-driven education, research, and immersive technology integration.

MoU with INTI International University, Malaysia

Vikrant University signed international MoU with INTI University, Malaysia, fostering innovation, research, and academic collaboration.

Vikrant University
GWALIOR

International MoU with WUST, USA

Vikrant University signed MoU with WUST, USA, promoting global academic exchange, research, and collaboration opportunities.

MoU with Legacy Media to Promote Education in the Arab World

Vikrant University signed MoU with Legacy Media to promote Indian higher education across Arab nations.

MoU with Garuda Aerospace to Establish Aerospace Centre of Excellence

Vikrant University partners with Garuda Aerospace to establish a Centre of Excellence for aerospace education and innovation.

MoU with Maharaja Agrasen University

Vikrant University signed MoU with Maharaja Agrasen University to foster academic excellence and collaboration.

Vikrant University Gwalior signed an MoU with Khetiwala Hyderabad regarding research and modern activities in the field of agriculture.

Vikrant University signed an MoU with Khetivala Hyderabad to boost agri-research, sustainable farming, and student training in Madhya Pradesh.

Recognitions and Accolades:
Certifications, Rankings, and Awards

Vikrant University Shined in IIRF 2024 Rankings

Vikrant University ranked :

1st in Madhya Pradesh, and
5th in All India
under IIRF Emerging University Ranking 2024.

Vikrant University's School of Engineering and Technology Received 4.5/5 Rating by Three Best Rated agency

Vikrant University Earned 3.5-Star Rating in IIC 2023–24 for Academic Excellence and Innovation

Shri Sanjeev Chauhan Honored by FWA Exemplary Award for his Leadership and contributions in 2025.

Vikrant University Achieved Historic Milestone: First Indian Institution with Lifetime Membership in AUAP For enhancing global academic excellence and international collaboration.

IBM Collaboration

Vikrant University Sets Benchmark with IBM Innovation Centre

We are delighted to announce that Vikrant University established the IBM Innovation Centre for Education, the first in the Gwalior region. This pioneering initiative marked a major stride in integrating industry-aligned education within our curriculum. The centre offer advanced programs in Artificial Intelligence, Machine Learning, Data Science, and Business Analytics, equipping students with future-ready skills and enhancing their career prospects.

This milestone reflects our commitment to academic excellence and innovation in education.

From Global Forums to Campus Quizzes:
A Glimpse into Vikrant University's Vibrant Programs

Shri Rakesh Singh Rathore Represented Vikrant University at 15th International Tourism and Hospitality Conference

Vikrant University proudly announced Shri Rakesh Singh Rathore, Chancellor, as Guest of Honour at ITHC, London.

Shri R.S. Rathore Addressed Education Leadership Symposium on AI and Employability

At the Education Leadership Symposium by LinkedIn on October 25, 2024, in Bhopal, Shri RS Rathore, Honourable Chancellor of Vikrant University, emphasized integrating Indian knowledge and values with emerging technologies like AI. He highlighted the need for educational institutions to reshape employability by blending tradition with digital skills. Vikrant University remains dedicated to developing future-ready students through interdisciplinary and industry-relevant education.

Global Collaborations for Academic Excellence

Vikrant University proudly expanded its international footprint with MoUs signed with over 10 top-ranked global universities during the 37th AUAP Annual Conference in the Philippines. Hon'ble Chancellor Shri Rakesh Singh Rathore, a Lifetime AUAP Member, represented the university. These collaborations aim to foster student-faculty exchanges, joint research, curriculum development, and global networking—reinforcing our commitment to academic excellence, innovation, and cross-cultural learning.

RP RAWANDA POLYTECHNIC CENTRAL AFRICA

OUR LADY OF FATIMA UNIVERSITY
PHILIPPINES

Middlesex University Dubai

BATAAN PENINSULA STATE UNIVERSITY
PHILIPPINES

OGM Technical Institute
AUSTRALIA

Washington University of Science and Technology
UNITED STATES

Republic of Rawanda
CENTRAL AFRICA

ADAMSON UNIVERSITY
PHILIPPINES

UNIVERSITY OF SAINT JOSEPH
MACAO

INTI International University & Colleges
MALAYSIA

UNIVERSITY OF COMLOMBO
SRI LANKA

Daffodil International University
BANGLADESH

Global Collaborations for Academic Excellence

Daegu Health College Glocal University
South Korea

John von Neumann University
Hungary

SIAS UNIVERSITY
CHINA

WCC World City Colleges & WCC North Manila
PHILIPPINES

LPU BATANGAS

PAN-EUROPEAN UNIVERSITY
Slovakia

Davao del Sur State College
PHILIPPINES

DAVAO ORIENTAL STATE UNIVERSITY
PHILIPPINES

UNIVERSITY OF NORTHERN PHILIPPINES

SEGi UNIVERSITY
Malaysia

Rizal Technological University
Philippines

JAGRAN LAKECITY UNIVERSITY
BHOPAL

Vikrant University Commemorated 25th Kargil Vijay Diwas

Vikrant University, in collaboration with the Jammu and Kashmir Study Centre, paid tribute to Kargil heroes on the 25th anniversary of Kargil Vijay Diwas. The event honored Gwalior martyrs and their families, with Brigadier (Dr.) Vinod Datta and other dignitaries shared war insights. Eyewitness Mr. Surendra Singh Yadav's account inspired students to uphold the legacy of our brave soldiers.

Innovation & Entrepreneurship Outreach at Science Academy, Gwalior

Vikrant University organized an Innovation and Entrepreneurship Outreach Program at Science Academy, Gwalior, engaging 82 students. Prof. Gaurav Shrivastava shared insights on India's startup ecosystem, including Startup India, Atal Innovation Mission, and MSME schemes. The interactive session encouraged creativity, critical thinking, and entrepreneurial spirit among students.

Quiz Competition: "Kon Banega Lakhpati"

Vikrant University hosted the quiz competition "Kon Banega Lakhpati," supported by IIC and MOE. The event showcased students' knowledge and enthusiasm, reflecting the university's commitment to academic excellence and fostering intellectual curiosity.

Vikrant University Hosted QCFI Session on Advancing Excellence in Quality Education

On April 10, 2025, Vikrant University hosted an interactive session on "Excellence in Quality Education" with Mr. D.K. Shrivastava of QCFI. He highlighted quality tools like Kaizen and 5S to enhance education. Attended by key dignitaries, the event reinforced the university's commitment to empowering youth through quality education.

QCFI Initiative: Driving Quality and Innovation at ABVIIITM Gwalior

At ABVIIITM, Gwalior, active participation in QCFI—Quality Circle Forum of India—drives continuous improvement by engaging students, faculty, and industry professionals in problem-solving quality circles. These teams addressed real issues, present case studies at national conventions, and compete in QCFI events. Regular workshops on quality tools enhance skills, teamwork, and leadership, reflect Vikrant University's commitment to fostering excellence, innovation, and collaborative growth in academics and industry.

Health & Nutrition Awareness Workshop at Vikrant University

The School of Engineering & Technology, Vikrant University, partnered with the WCD Department to hold a health and nutrition workshop for girl students. Experts shared insights on disease prevention and wellness, while an interactive quiz reinforced key health lessons, empowering young women for healthier lives.

Swachhta Pakhwada

Vikrant University actively celebrated Swachhta Pakhwada with an impactful "Umuganda" cleanliness drive, promoting awareness and responsibility among students. Faculty, staff, and students united to clean the campus and nearby areas. A compelling Nukkad Natak highlighted the importance of hygiene and individual roles in maintaining a clean environment, supporting the vision of #CleanGwalior and #SwachhBharat.

AI Awareness Week at Vikrant University: Exploring the Future across Disciplines

Vikrant University launched AI Awareness Week with expert-led sessions: AI in law by Prof. Dilip Singh Rajput, AI in business by Prof. Surjeet Singh Parihar, AI and innovation by Dr. Naveen Singh, AI in agriculture by Prof. Sandeep K. Tiwari, and AI in pharmaceuticals by Dr. Shashank Swami.

Empowering Girls through Financial Literacy at Vikrant University

The School of Engineering & Technology at Vikrant University organized a workshop on LIC schemes and IRDA plans for girl students. Speakers Mr. Akash Tripathi and Mr. P.K. Pandey shared practical insights, inspiring financial awareness and independence. The interactive session empowered young women with valuable knowledge and skills.

Umuganda – Community Cleanliness Drive

Inspired by Rwanda's Umuganda tradition, Vikrant University organized a community cleanliness drive with students, staff, and locals. The event promoted unity, hygiene, and civic responsibility, showing that meaningful change starts with collective effort and dedication.

"Ek Ped Maa Ke Naam" – Tree Plantation Drive at Vikrant University

Vikrant University, supported the "Ek Ped Maa Ke Naam" campaign, hosted a tree plantation drive at its 30-acre Agricultural Research Center in Gwalior. Led by dignitaries including Shri Narendra Singh Tomar Ji, the event showcased the university's commitment to environmental conservation and sustainability.

A Year of Celebrations at Vikrant University: Honoring Traditions, Festivals, and National Pride

Gandhi Jayanti Celebrated by NCC Cadets

Vikrant University's 3 MP Girls Bn NCC cadets marked Gandhi Jayanti with tree planting, Swachh Bharat cleanliness drives, and an awareness rally in Bandholi and Sosa villages. A poster competition emphasized Gandhi's values, reflected the university's commitment to community service and sustainability.

Diwali Celebration

The School of Engineering and Technology (First Year) at Vikrant University hosted a lively Pre-Diwali Fest with competitions like Rangoli, Diya, and Wall Art. Around 60 students showcased creativity, celebrating tradition and togetherness before the holidays.

Holi Milan Samaroh

Vikrant University celebrated Holi Milan Samaroh with music, dance, and colors, bringing together students, faculty, and staff in joyous festivities. The event symbolized happiness and unity, spreading love and cheer across the VU community.

International Women's Day Celebration

On International Women's Day, Vikrant University honored women educators and staff for their vital contributions. The event celebrated their role in fostering knowledge, empowerment, and positive change, inspiring future generations.

Vishwakarma Jayanti Celebration

Vikrant University celebrated Vishwakarma Jayanti with devotion and enthusiasm. Students and faculty gathered to honor Lord Vishwakarma, the divine architect, through vibrant decorations and traditional rituals. The event emphasized gratitude towards tools and machines, highlighting the role of innovation and craftsmanship in engineering and everyday life.

Ganesh Chaturthi Celebration

Vikrant University joyfully celebrated Ganesh Chaturthi with great enthusiasm and festive spirit. Students learned about the festival's significance and were encouraged to adopt eco-friendly celebration practices. The campus echoed with devotion and energy as everyone came together to honor Lord Ganesha.

Independence Day Celebration

On the 78th Independence Day, Shri Vikrant Singh Rathore, Pro-Chancellor of Vikrant University, was honored for his outstanding social service by Shri Tulsi Silawat Ji in Gwalior. This recognition celebrates his dedication to community upliftment.

Engineer's Day Celebration

Vikrant University celebrated Engineers' Day with great enthusiasm to honor the legacy of Sir M. Visvesvaraya. The event featured technical quizzes, model exhibitions, and inspiring speeches by faculty and students. It served as a platform to appreciate engineering innovations and encouraged students to contribute meaningfully to the nation's development.

Makar Sankranti Celebration with Joy and Festivity

Vikrant University celebrated Makar Sankranti with kite flying, singing, tug of war, and cricket competitions. Students and faculty united in joy, honoring cultural traditions and community spirit.

Basant Panchami Celebration

"या देवी सर्वभूतेषु बुद्धिरूपेण संस्थिता, नमस्तस्यै नमस्तस्यै नमस्तस्यै नमो नमः।"

Vikrant University celebrated Basant Panchami with devotion to Maa Saraswati, the goddess of knowledge. Students, faculty, and staff sought her blessings for wisdom and academic success, embracing the spirit of learning and growth.

QUALITY CIRCLE FORUM OF INDIA, held at ABV-IIITM Gwalior.

Vikrant University has registered its indelible presence in the world record breaking convention – 38th National Convention on Quality Concepts, organised by QUALITY CIRCLE FORUM OF INDIA, held at ABV-IIITM Gwalior.

A delegation of staff were invited as jury in this prestigious event to oversee and judge various case studies presented by personnel coming from different parts of the country from reputed organisations like BEL, BHEL, SRF, NTPC etc.

A batch of students also worked at as volunteers and worked tirelessly with the core team of the Quality Chapter and IIITM to make the event a resounding success.

Vikrant University closely aligned with the convention theme "Investing in people, building a better future" by closely working with QCFI – a vanguard in skill Development of people through education, training, propagation, demonstration and assistance for implementation of Quality Concepts in manufacturing & maintenance industries, service sector, education, health, rural areas, society etc., for about 4 decades in the national arena with the active support of 34 chapters and sub-chapters situated at all over India.

Through interactive cases, event handling events, model presentations, students honed their problem-solving skills. The exposure to quality concepts like QC, LQC, WCM, SMED, Poka Yoke, Kaizen, 5S, TQM, TPM, Six Sigma, students imbibed a spirit of learning hued with positive attitude, creativity and intelligence. The participants used the invaluable lessons and used them to implement projects while stimulating and motivating others to become the Quality concept practitioners. This experience goes a long way in Vikrant University's mission to contribute to the efforts of Nation Building by making India, the knowledge economy of the world.

Jagannath Rath Yatra Celebration

Vikrant University celebrated Jagannath Rath Yatra with devotion and vibrant Krishna bhajans. The event fostered unity and cultural spirit among students and staff.

Teachers' Day Celebration

On September 5, 2024, Vikrant University celebrated Teachers' Day with performances, speeches, and interactive activities. The event honored teachers' dedication and inspired students to grow and succeed under their guidance.

Navratri Garba Mahotsav-2024

Vikrant University celebrated Navratri Garba Mahotsav-2024, featuring prayers, energetic Garba and Dandiya dances, and lively DJ music. Esteemed judges applauded the vibrant performances, making the event memorable for all.

Clean India Movement

To make campus of Vikrant University plastic free, a special 'Plastic Free Campus Awareness Drive' was organized by Department of Science and Humanities on 14 March 2024 under 'Azadi ka Amrut Mahotdav' and 'Clean India Movement'.

Around 150 students of 1st year of School of Management & Commerce actively participated in the awareness drive. They visited various places in campus and make them plastic waste free by collecting plastics garbage and other plastic products. They also aware the campus peoples to avoid single use plastic in his day-to-day life. The drive was concluded with the oath taking ceremony at ashoka hall.

Queurth: A Vibrant Showcase of Talent, Culture, and Camaraderie

Vikrant University's Queurth 2025 celebrated creativity, athleticism, and academic excellence. The event began with an Inter-School Sports Tournament, featuring a fun slow cycle race. Academic achievements were recognized through the Academic Excellence Awards and Vivekanand Trophy. Faculty and staff were honored with Certificates of Excellence. Unique events included Live Portrait Art, Clay Art, and a captivating Sufi Night. The Funfair featured food stalls, a talent hunt, and cultural contributions, culminating in the vibrant "Bharat Darshan" finale.

"Ek Pakshi - Ek Sakora"
Initiative at Vikrant University

Vikrant University launched the "Ek Pakshi - Ek Sakora" initiative on May 3, 2025, under the leadership of Hon'ble Chancellor Mr. R.S. Rathore. Students and staff placed clay bowls across campus to provide water for birds. The program promoted environmental care, compassion for animals, and social responsibility. Creative student posts on social media were rewarded, encouraging a culture of kindness and sustainability.

World Environment Day Celebration

On this special day, Vikrant University organized a Tree Plantation Drive and Cleanliness Drive - Umuganda, bringing together students and staff members to make a positive impact on our environment!

The event saw enthusiastic participation as students and faculties planted trees, learned about their types, blooming seasons, and how to care for them.

We also took a pledge to save trees and adopt a green lifestyle, committing to a sustainable future!

Victory and Sportsmanship at the West Zone Kho-Kho Championship: A Glorious Event Hosted by Vikrant University

Vikrant University hosted the West Zone Inter-University Kho-Kho (Men) Championship from March 7 to March 11, 2025, with over 1,000 participants from Madhya Pradesh, Rajasthan, Gujarat, Maharashtra, and Goa. The inauguration ceremony featured dignitaries like Shri Bharat Singh Kushwah ji and Shri Ashok Kumar Dhyanchan. It included performances by the BSF Band and traditional Madhya Pradesh dance. After intense competition, SRTM University Nanded, Maharashtra, emerged as the champions. Congratulations to all participants for their sportsmanship and dedication!

Voices of Vikrant University: Insights from Faculty and Students

"Building the Digital Backbone: The New Face of Technology"

Prof. Komal Kulshreshtha
Computer Science & Engineering Department

In today's swiftly advancing digital landscape, IT has shifted from a traditional support role to a core catalyst for innovation, change, and market leadership. To stay adaptable, resilient, and scalable, organizations are increasingly anchored by a strong digital core. The concept of a "digital backbone" — a robust, flexible, and integrated infrastructure — is becoming essential for organizations aiming to stay competitive. At the heart of this transformation is the shift to cloud-native environments, where businesses leverage micro services, containers, and server less computing to build scalable and resilient systems. Artificial Intelligence (AI) and automation are driving efficiency, streamlining operations, and enhancing cyber security by detecting and responding to threats in real time. Edge computing is taking centre stage, enabling real-time data processing closer to the source, which is critical for industries like healthcare, manufacturing, and IoT. With the rollout of 5G, businesses will experience ultra-fast, low-latency connectivity, paving the way for smarter cities, autonomous vehicles, and connected devices.

Meanwhile, cyber security will evolve, with a "security by design" approach integrated into every layer of IT infrastructure. As remote and hybrid work models become the norm, businesses will rely on advanced collaboration tools to foster productivity and seamless communication. The digital backbone is not just about technology; it's about creating a unified system that connects every aspect of an organization, driving growth, innovation, and resilience. Building this backbone today ensures success in the increasingly digital world of tomorrow.

Voices of Vikrant University: Insights from Faculty and Students

"Safety Meets Sustainability: Shaping the Future of Responsible Workplaces"

Prof. Vishal Tiwari
Mechanical and Fire Technology & Safety Engineering Department

A thorough and integrated strategy that combines sustainable practices with Behavior Based Safety (BBS) concepts is needed to create a safer and greener workplace. This strategy should promote environmental stewardship, occupational well-being, and a culture of continuous development. In addition to reducing ecological effect, sustainable practices including energy-efficient systems, waste reduction, responsible resource management, and the use of non-toxic, low-emission products also enhance ergonomics, workplace air quality, and general health conditions. By fostering a more resilient and adaptable workforce, these environmental initiatives immediately improve employee satisfaction and productivity. Businesses can drastically lower incident rates, lower operational and compliance risks, and establish a more open safety culture when they combine BBS—an evidence-based, data-driven methodology centered on proactive observation, real-time feedback, and reinforcement of positive behaviors.

Safety and sustainability are not separate silos but rather interdependent levers of organizational success thanks to this strategic synergy. For example, phasing out dangerous chemicals can lower environmental responsibilities while also reducing worker accidents. Encouraging eco-friendly practices among staff members, like appropriate waste segregation or effective equipment use, strengthens accountability and group responsibility. Furthermore, these principles become ingrained in the organization's DNA when they are included into leadership models, corporate training programs, and performance evaluations. In the end, a workplace that places a high priority on sustainability and safety not only conforms with legal requirements but also improves brand recognition, draws in top talent, and creates long-term value in the cutthroat, eco-conscious global market of today.

Voices of Vikrant University: Insights from Faculty and Students

"The Role of IoT in the Growing Challenge of E-Waste"

Dr. Brijendra Mishra
Electronics & Communication
Engineering Department

The Internet of Things (IoT) has transformed the way we live, work, and communicates by connecting billions of devices across the globe. From smart homes and wearable health monitors to intelligent transportation systems and industrial automation, IoT has enhanced efficiency, convenience, and productivity. However, alongside these advancements, IoT has also contributed significantly to the growing problem of electronic waste (e-waste). IoT devices typically have short life cycles. Rapid technological innovation means that devices often become obsolete within a few years, encouraging users to upgrade to newer models. In addition, many IoT devices are designed with limited repairability and built-in wireless communication modules that are difficult to replace or upgrade. As a result, when devices lose compatibility with new standards or software updates, they are often discarded entirely. The impact of this growing e-waste is alarming. Hazardous materials within discarded IoT devices can leach into the soil and water, causing serious environmental and health issues. Moreover, valuable resources such as rare earth metals are lost when devices are improperly disposed of rather than recycled.

To address this issue, manufacturers must focus on sustainable IoT designs that prioritize modularity, repairability, and recyclability. Governments should implement stricter regulations enforcing responsible production and recycling practices. Consumers also play a role by making conscious purchasing decisions and supporting recycling programs. In conclusion, while IoT continues to drive technological innovation, it is essential to recognize and address its environmental impact. By embracing sustainable practices, the industry can ensure that the growth of IoT does not come at the cost of the planet's health.

Voices of Vikrant University: Insights from Faculty and Students

New Pathways in Neurofinance

Asst. Prof. Dhruv Sharma
School of Management and Commerce

Behavioural Finance and Economics utilizes the findings of psychology to take financial and business decisions. These disciplines help bridge traditional theories and models with psychological concepts like cognitive biases, affective regulations, social conformance, bounded rationality etc. Rather than assuming complete rationality, this field highlights how these heuristics and dynamics drive investor behaviour and nuanced models of consumer behaviour and choices. These lead to significant deviation from expected utilities and further result in market inefficiencies. It is here that Neuroscience, with its nuanced understanding of nervous system, and backed by cutting-edge techniques like fMRI, offers an integrated and empirical pathway to better understand consumer and investor decision making.

Utilizing neuroimaging techniques, Neurofinance correlates the cerebral activities and existing models like CAPM and economic analysis frameworks to under financial behaviour. The activities of amygdala - central to processing emotions such as fear, flight, anxiety, along with activation of various neural pathways, are used to further our understanding about investor behaviour regarding risk assessment. Similarly, Prefrontal Cortex (PFC) is crucial for rational planning and executive functions as it helps modulate cognitive biases, enabling investors to weigh long-term outcomes more effectively. In the similar vein, activities in other regions like Ventral Striatum and Insula help understand the various investing approaches corresponding to different risk levels.

Therefore, results from Neuroscientific technique like findings from functional magnetic resonance imaging (fMRI) and their correlation with real time responses to financial stimuli, open a new paradigm for understanding and managing the unpredictable nature of financial markets. These not only validate key concepts in behavioural finance but also extend classical economic models to account for the inherent complexity of human decision-making.

The long-held notion of perfect rationality is being called into question by the convergence of behavioral finance, economics, and neuroscience. It facilitates the development of new models that embrace the quantifiable and the emotional, the logical and the vague. The potential for improving investor education, developing financial technologies, and influencing policy frameworks grows as scholars and practitioners investigate these interconnections.

In summary, connecting these domains provides applications for attaining financial market stability in addition to enhancing our theoretical knowledge. Adopting this multidisciplinary strategy enables us to better negotiate the intricacies of contemporary economic environments, resulting in future financial systems that are more robust.

Voices of Vikrant University: Insights from Faculty and Students

"Chenab Bridge: The World's Highest Railway Bridge"

Prof. Uttam Singh Rathore
Civil Engineering Department

The Chenab Bridge in Jammu and Kashmir, India, stands as a breathtaking example of modern engineering and perseverance. Spanning the deep gorge of the Chenab River, this steel arch bridge is the highest railway bridge in the world, with a deck soaring 359 meters (1,178 feet) above the river—taller than the Eiffel Tower. It forms a crucial part of the Udhampur-Srinagar-Baramulla Rail Link (USBRL) project, aimed at connecting the Kashmir Valley to the rest of India by rail.

The bridge features a main span of 467 meters (1,532 feet), making it one of the longest span railway bridges of its kind. Constructing the bridge in such a geographically and geologically complex region posed major challenges. Engineers had to navigate extreme weather conditions, unstable mountainous terrain, and the risk of high seismic activity.

To ensure safety and longevity, the Chenab Bridge has been designed to withstand wind speeds up to 266 km/h and seismic events up to Zone V intensity. Advanced materials and construction techniques—including blast-resistant design and corrosion protection—were used to ensure structural integrity in the harsh environment.

Completed in 2022, the Chenab Bridge is not just a marvel of civil engineering but also a symbol of India's commitment to infrastructure development in remote regions. It stands as a testament to human ingenuity, connecting communities and enabling economic growth in one of the most challenging terrains on Earth.

Voices of Vikrant University: Insights from Faculty and Students

"Empowered to Save: The Lifelong Value of a Red Cross First Aid Certificate"

Yuvraj Singh Rathaur
Student of B.Tech. (FT & SE)

Getting a Red Cross Society First Aid Certificate is a worthwhile accomplishment that gives people the necessary abilities to react appropriately in emergency situations. CPR, wound care, fracture management, burn therapy, and managing medical emergencies including heart attacks and strokes are just a few of the many topics covered in the training curriculum. The training, which is designed to satisfy international standards, builds competence and confidence by fusing academic knowledge with real-world, hands-on experience. Professionals in the fields of healthcare, education, hospitality, construction, and childcare, as well as volunteers and students looking to further their credentials and make a significant contribution to their communities, would particularly benefit from this certification. The certificate is valid for lifetime, and refresher courses are advised for continuous competency. The Red Cross makes sure that its courses are current and presented by qualified instructors. Obtaining this certification equips people with the life-saving abilities necessary to truly make a difference when it counts most, in addition to promoting safety in a variety of contexts.

Voices of Vikrant University: Insights from Faculty and Students

"Wires, Waves, and WiFi: How Electricity Makes Modern Communication Possible"

Rehan Khan
Student of B.Tech. (Electrical Engineering)

In today's hyper-connected world, a simple text message or video call might seem effortless—but behind the scenes, a complex dance of electricity powers our every interaction. From copper wires underground to invisible radio waves in the air, electricity is the unseen hero making modern communication possible. It all began with wires. Telegraphs and telephones used electrical pulses to transmit messages across long distances. These early systems revolutionized how people shared information, shrinking the world in ways previously unimaginable. With the invention of the telephone, and later fiber optics, electrical signals evolved into digital data—travelling faster, carrying more information, and reaching farther. Then came waves. Radio and television introduced wireless communication, turning electromagnetic waves into sound and pictures. Today, these same principles are used in mobile networks, satellite communication, and broadcasting systems. Electricity generates and modulates these waves, allowing them to carry data across continents. Now, we live in the era of WiFi. By converting data into radio signals, WiFi enables wireless internet access for billions of devices worldwide. Whether streaming a lecture, sending an email, or video chatting with a friend halfway across the globe, electricity is at work—powering routers, servers, and devices in seamless unison. Modern communication is not just about speed or convenience; it's about connection. And at the heart of it all lies electricity—flowing through wires, riding on waves, and filling the air invisibly.

As James Clerk Maxwell once said, "Electricity is that subtle force that lurks in the very fabric of the universe."

Voices of Vikrant University: Insights from Faculty and Students

"Crackling Skies, Humming Machines: Where Nature Meets Engineering"

Nirbhay Singh Chauhan
Student of Diploma (Electrical Engineering)

Nature and engineering often seem like opposites—one wild and untamed, the other precise and methodical. Yet, both possess a common thread: the mastery and mystery of energy. A thunderstorm is nature's grand display of power. With blinding flashes of lightning and the deafening roar of thunder, it reminds us of the raw, unfiltered force that exists beyond human control. It's chaotic, beautiful, and humbling. In contrast, engineering is our attempt to harness such forces—to bring order to chaos. The electrical transformer, for instance, is a marvel of modern engineering. It doesn't create energy but controls and directs it. Where a lightning bolt might strike unpredictably and cause destruction, a transformer quietly ensures that electricity flows safely to homes, hospitals, and industries. The journey from thunderstorms to transformers is symbolic. It represents humanity's progress—our curiosity, our drive to understand the natural world, and our ability to create tools that make life better. While we can never fully control nature, we've learned to work with it, drawing inspiration and resources to fuel innovation.

As Nikola Tesla once said, 'If you want to find the secrets of the universe, think in terms of energy, frequency and vibration.'

In that spirit, the relationship between thunderstorms and transformers reminds us that both nature and engineering are essential forces shaping our world.

Voices of Vikrant University: Insights from Faculty and Students

"Mumbai-Ahmedabad Bullet Train: India's Leap into High-Speed Rail"

Aman Shivhare
Student of B.Tech. (Civil Engineering)

The Mumbai-Ahmedabad High Speed Rail Corridor (MAHSR) marks a historic step in India's infrastructure journey, introducing the country's first bullet train service. This ambitious project covers approximately 508 kilometers, connecting two major economic hubs—Mumbai in Maharashtra and Ahmedabad in Gujarat—through a state-of-the-art high-speed rail network.

The project extensively features viaducts, bridges, tunnels, and 12 modern stations, incorporating Japan's renowned Shinkansen technology. This includes cutting-edge rolling stock, advanced signaling systems, and strict design standards to ensure safety, reliability, and comfort. In addition to adopting Japanese expertise, the project promotes the "Make in India" initiative by encouraging the manufacturing of key components domestically, fostering local industry and employment.

One of the most remarkable engineering feats of the MAHSR is the construction of a 21-kilometer undersea tunnel near Mumbai, the first of its kind in India. The design is built to withstand earthquakes and other environmental challenges, ensuring uninterrupted high-speed travel at speeds up to 320 km/h.

The bullet train corridor is expected to become operational in phases. An initial stretch in Gujarat is projected to open between 2026 and 2027, with the complete line to Mumbai anticipated by 2030. Once completed, the journey between Mumbai and Ahmedabad will be reduced to approximately two hours, compared to the current seven-hour trip. The MAHSR is poised to revolutionize travel in India, offering world-class speed, safety, and convenience, while setting a benchmark for future high-speed rail projects across the country.

Voices of Vikrant University: Insights from Faculty and Students

"ARTIFICIAL INTELLINGENCE (Transforming Our World)"

Anamika Pandey
Student of B.Tech.
(Computer Science & Engineering)

At its core, AI refers to machines or software designed to mimic human intelligence. This includes learning from experience, understanding language, recognizing patterns, solving problems, and even making decisions. The journey of AI began in the mid-20th century, but only in recent decades has the combination of big data, powerful computing, and innovative algorithms allowed AI to reach its full potential.Today, AI applications span across industries. In healthcare, AI helps detect diseases earlier and recommend personalized treatment plans. In finance, it manages portfolios, predicts market trends, and detects fraud. In education, AI personalizes learning experiences for students based on their individual needs. Even in creative fields like music, writing, and art, AI systems are generating impressive, human-like creations.Despite its many benefits, AI also raises important ethical and social questions. Issues like data privacy, job displacement, algorithmic bias, and the potential misuse of AI technologies are at the center of public debate. Many experts emphasize the need for responsible AI development, transparent systems, and regulatory frameworks to ensure that AI serves humanity positively.Looking ahead, AI's potential seems boundless. Researchers are exploring areas like Artificial General Intelligence (AGI), where machines could perform any intellectual task a human can. While this remains a long-term goal, the steps we take today will shape the future landscape of AI and its impact on society.

As AI continues to advance, it holds the promise of solving some of the world's most pressing challenges — but only if we approach it with caution, creativity, and care.

Voices of Vikrant University: Insights from Faculty and Students

"CHATGPT: Revolutionizing Conversation with AI"

Dhanjshka Pal
Student of B.Tech.
(Computer Science & Engineering)

In the rapidly advancing world of technology, ChatGPT has emerged as one of the most significant innovation in artificial intelligence (AI).Developed by open AI, ChatGPT is a language model designed to understand and generate human like text, making conversation with machines more natural and intuitive than ever before ChatGPT Stands for "chat generative pre-trained transformer " It is built on the powerful GPT (generative pre- trained transformer architecture ,which enables it to process, understand , and respond text -based inputs in a conversational manner. tasks, provide tutoring , create content ,and even engage in casual conversation Positive point of ChatGPT Accessibility; Available online it helps users across the globe Efficiency; Saves Time by providing quicks and accurate information Creativity; Assists in generating creative ideas and solution Learning support; makes education and knowledge sharing more interactive. While ChatGPT is a powerful tool , it is not perfect sometimes ,it may giveincorrect or biased information . Developers are continuously working on improving its accuracy, safety and ethical use . In the future we can expect even smarter and more responsible ai models helping humans in even more meaningful ways ChatGPT Represent a major step forward in the field of artificial intelligence it makes communication with machines feel nature and helpful opening up countries opportunities for innovation as technology evolves, tool like ChatGPT will continue to shape the way we live, learn and work.

Voices of Vikrant University: Insights from Faculty and Students

"Role of Medicine for Livings"

Ajay Jatav
Student of B.Pharm. (First Year)

Medicine encompasses the science and practice of preventing, diagnosing, and treating diseases and injuries, with the goal of maintaining and improving health. It involves a wide range of practices, from medications and surgery to therapies like psychotherapy and medical devices. Modern medicine relies on biomedical sciences, research, and technology to achieve these goals.

Prevention: Medicine aims to prevent illness and injuries by promoting healthy lifestyles, vaccinations, and other preventative measures.

Diagnosis: It involves identifying the cause of a patient's condition through various tests, examinations, and procedures.

Treatment: This includes a range of interventions, from medications and surgery to rehabilitation and lifestyle changes, to manage and resolve health problems.

Palliative Care: Medicine also provides care to relieve pain and suffering in patients with serious illnesses, even if a cure is not possible.

Health Promotion: Medicine plays a role in educating the public about healthy behaviors and promoting overall well-being.

Basic Sciences: Medicine draws upon fundamental knowledge from biology, chemistry, physics, and other sciences to understand disease mechanisms.

Clinical Medicine: This focuses on the practical application of medical knowledge to diagnose and treat patients.

Voices of Vikrant University: Insights from Faculty and Students

"Use of Artificial Intelligence in the Field of Pharmacy"

Aradhana Bharti
Student of B.Pharm. (Second Year)

The integration of Artificial Intelligence (AI) into various sectors has brought transformative changes, and the pharmaceutical industry is no exception. In recent years, the use of AI in pharmacy has grown exponentially, offering promising solutions for drug discovery, patient care, clinical trials, inventory management, and personalized medicine. As healthcare systems globally face increasing pressure due to growing populations, chronic diseases, and the demand for personalized care, AI presents a powerful tool to address these challenges efficiently and effectively.

Artificial Intelligence refers to the simulation of human intelligence in machines that are capable of performing tasks such as learning, reasoning, problem-solving, perception, and language understanding. In pharmacy, AI can assist in tasks ranging from early-stage drug discovery to post-market surveillance of pharmaceutical products. The goal is to enhance decision-making, reduce costs, increase efficiency, and improve patient outcomes.

One of the most significant impacts of AI in pharmacy is in drug discovery and development. Traditionally, this process is time-consuming and expensive, often taking over a decade and billions of dollars to bring a single drug to market. AI can help in target identification , molecular design , drug repurposing and predictive modeling etc.

Companies like Atomwise, BenevolentAI, and Insilico Medicine use AI-driven platforms to discover novel drug candidates in record time, showcasing the efficiency and cost-saving potential of AI technologies. From accelerating drug discovery and improving patient care to optimizing supply chains and ensuring regulatory compliance, AI offers a broad spectrum of applications that enhance efficiency, accuracy, and outcomes.

Voices of Vikrant University: Insights from Faculty and Students

"The Right to Privacy in the Age of Social Media"

Mehak Sharma
Student of BA.LL.B. (First Year)

"The privacy is not an option, and it shouldn't be the price we accept for just getting on the internet"- Gary kovacs

The right to privacy is a fundamental entitlement that underpins numerous other human rights, its crucial for personal autonomy, the protection of human dignity. On which the government legal responses and gaps, were attempting to respond through legislation. The EUS General Data protection Regulation [GDRP] is a landmark effort to give uses more control over their data including the right to be forgotten. Even India's digital personal data protection act, 2023 and the US state level law like the California consumer privacy act [CCPA] are similar efforts. Yet Enforcement remains inconsistent. And many uses are still unaware of their rights. Another issue was to maintain balance between privacy and freedom of expressions uprising tension. Public figures in particular face difficulty arresting privacy rights then quotes and platforms must weigh public Interest against personal intrusion. There are many call to action landmarks quotes and citizen must work together to strike a balance between Innovation and individual rights. In this digital age comma privacy should not be a privilege it must remain a fundamental right.

THE RIGHT TO PRIVACY IN THE AGE OF SOCIAL MEDIA IS NOT DEAD!

Voices of Vikrant University: Insights from Faculty and Students

"The Role of ATS Resumes and Human Resource Management"

Anshika Singh Rajawat
Club Coordinator – HRmony
MBA II Semester
School of Management and Commerce

Applicant Tracking Systems (ATS) have revolutionized traditional HR practices by streamlining resume screening and enhancing the overall talent acquisition process. As a management student in India, I have observed how technology integration in HRM is not just a trend but a vital tool for achieving efficiency and fairness.

ATS resumes serve as the gateway between a large pool of candidates and the finite capacity of HR teams. No longer the limitations posed by human capabilities arrest the aspirations of the candidate. Backed by advanced algorithms, these systems quickly scan resumes, filtering out candidates whose skills and experiences best match the job requirements. This automated process minimizes the manual effort involved in sorting through countless applications, thereby enabling HR professionals to focus their time on strategic decision-making and candidate engagement.

Beyond screening, ATS provides valuable insights into applicant data, which can be analysed to identify recruitment trends, improve candidate sourcing channels, and even predict future hiring needs. For instance, HR teams can generate reports on the diversity of applicants or the success rates of various recruitment campaigns, thus allowing for data-driven improvements to HR strategies.

In India's competitive job market, where a large and diverse talent pool exists, leveraging ATS resumes ensures that deserving candidates are not overlooked amid the sheer volume of applications. It promotes transparency and standardization, reducing the impact of unconscious bias and creating more equitable hiring practices.

Ultimately, the integration of ATS in HRM is transforming traditional recruitment methods into a precise, efficient, and strategic function. It empowers organizations to better align their human capital resources with overall business objectives, ensuring that the right talent is hired swiftly and effectively. This transformative shift in HR practices underscores the synergy between technology and human judgment in today's evolving business world.

Voices of Vikrant University: Insights from Faculty and Students

पुराने पत्रे

निशा सिसोदिया

जिंदगी तू बन जा किताब ले चल उन पत्रों पर ,

बेफिक्री होती थी सुबह की खुशबू में जब रात लाती थी सुकून की खबरें।

जब ममता भरा हाथ सर को सहलाता था ,"बच्चों को सोने दो छुट्टी है "पापा की वह आवाज जैसे होठों पर प्यारी सी मुस्कान दे जाता था ।

नाश्ते पर लड़ाई सिर्फ मां के हाथों से खाने के लिए होती थी, शर्त ! साइकिल चलाना किसको सिखाएंगे पापा इसकी लगाई जाती थी ।

नहीं थे गैजेट,पर कैरम बोर्ड था हमारा हथियार, कौन कितने पॉइंट्स बनाएगा । इसका रहता था सबको इंतजार ,

कोई शाम" टॉम एंड जैरी" देखे बिना नहीं गुजरती थी। मां की बनाई "झाल मूरी" भी फाइव स्टार वाली दाल मखनी लगती थी ।

पापा के घर लौटने का वह इंतजार, पढ़ाई न करने पर पढ़ने वाली वह मा,

सब कुछ याद आते हैं ,आंखों में नमी दे जाते हैं।

चाईनीज ,इटालियन ,मंगोल खाना नहीं जानते थे

हम जो भी खाते थे थाल में प्यार से सजाते थे ।

हर कमरे में टेलीविजन नहीं थे दुनिया की खबर के लिए ,साथ बैठ हंसते-हंसते एक दूसरे की खबर रखना जानते थे हम ।

तू ही बता ए वक्त,तू कितनी दूर निकल आया है , पत्रों में छिपे उन जज़्बात की किताब को तू कहां भूल आया ।

Milestones of Success:
Student and Faculty Achievements
at Vikrant University

Queurth:
Overall Sports Championship

Sneha Jadon
(B.Tech. CSE 2024 Batch)
got Vivekanand Award
(Academic Excellence Award)

Nisha Tomar
(B.Tech. CSE 2024 Batch)
got Vivekanand Award
(Academic Excellence Award)

Yuvraj Singh Rathore
B.Tech. (FT&SE) 2nd Year is
completed his FISRT AID Training
from RED CROSS SOCIETY and
now he is certified first aid trainer.

Raunak Majhi
(BPharm 1st Year)
Badminton - Runner Up

Kratika Maheshwari
(BPharm 1st Year)
Chess - Runner Up

Nishtha Tomar
(BPharm 1st Year)
Badminton - Runner Up

Abhishek
(BPharm 1st Year)
Cricket - Champion

Vikrant Ranjan
(BPharm 1st Year)
Cricket - Champion

Milestones of Success: Student and Faculty Achievements at Vikrant University

Prof. Surjeet Singh Parihar
got a letter of appreciation for Academic Excellence by Honrable Chancellor sir

Second-year EEE students Shivam Yadav, Prashant Shivhare, Atbal Singh, and Vishnu Singh Tomar secured 1st place in the Clean and Green Energy category at SRIJAN 2025 for their "Hybrid Solar Cycle" project. They received Rs. 20,000 from Minister Inder Singh Parmar.

Prof. Aishwarya Singh
got a letter of appreciation for outstanding Contribution to Promote an Innovative Culture by Honrable Chancellor sir

Prof. Upendra Singh Tomar
got a letter of appreciation for unwavering dedication and commitment to Vikrant University since its inception.

Milestones of Success:
Student and Faculty Achievements
at Vikrant University

Prof. Gaurav Shrivastava
got a letter of appreciation for
Construction Award 2024 for the best
structure Designing (Metro Hospital
Building Gwalior) in accordance to
ICI (Indian concrete Institute).

Prof. Anil Rajpoot
got a letter of appreciation for
Outstanding Contributions to
The Infrastructure Expansion of
Vikrant University.

Prof. Rahul Kushwah
Showcase achievements by faculty
members, such as awards received,
research publications, guest lectures
delivered, patents filed, conference
participations, and community service.

Dean's Desk
School of Engineering & Technology

It gives me immense pleasure to present this edition of our annual newsletter "सृजनिका (Srijanika)" for the academic year (July 2024 – June 2025), highlighting the major activities and achievements of the School of Engineering & Technology.

The School continues to grow in academic excellence, fostering research, innovation, and quality education. With the support of a proactive administration, new initiatives have benefitted our students and faculty alike. We offer comprehensive programs in Diploma, B.Tech, M.Tech, and Ph.D. across core engineering disciplines.

We are proud to have established the IBM Innovation Centre for Education, the first of its kind in the Gwalior region, to promote industry-integrated learning. The formation of the IEEE Student Chapter has further added immense value to our academic environment by fostering a culture of research and innovation. Additionally, we had the honor of celebrating the 1st National Space Day in collaboration with ISRO, an initiative that inspired curiosity, scientific thinking, and awareness about space research among our students. We are also proud to highlight the launch of the International Journal of Advanced Engineering: Artificial Intelligence, Robotics, and Automation (IJAE) a peer-reviewed, open-access platform dedicated to promoting high-quality research in emerging engineering disciplines. Moreover, we successfully hosted the 1st Online International Conference on Sustainable Materials and Environmental Engineering (ICSMEE 2025), which brought together global experts to discuss cutting-edge advancements and sustainable solutions in the field. Adding to these academic milestones, our students' secured first place in the Clean and Green Energy category at the SRIJAN Innovate M.P. Project Competition for their project titled "Hybrid Solar Cycle."

Our Vision is to become a center of excellence in engineering education, research, and innovation by empowering students with the knowledge, skills, and values to address real-world challenges and contribute meaningfully to society and industry on a global scale.

Prof. Anand Kumar Singh

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

Vikrant University's School of Engineering & Technology conducted an industrial visit to Doctor Soap, enhancing students' understanding of manufacturing processes.

Vikrant University's School of Engineering & Technology organized an industrial visit to Supreme Industries, offering insights into manufacturing processes and safety measures.

The Department of Engineering & Technology hosted an engaging virtual session by Dr. Krishna Raj Choubey, inspiring confidence in mathematics.

Dr. Premanand Singh Chauhan's interaction with engineering students focused on emerging technologies, communication skills, and skill development platforms like NPTEL.

Vikrant University celebrated National Mathematics Day with a seminar on Vedic Mathematics, honored Ramanujan's legacy and enhancing students' interest.

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

Vikrant University hosted the "Entrepreneurship Unlocked!" bootcamp, featuring experts who inspired students with insights on startups, innovation, and funding.

Vikrant University hosted an online workshop on Virtual Labs, featuring experts from IIT Kanpur, enhancing participants' understanding of digital learning tools.

The Department of Electrical & Electronics Engineering organized an industrial visit to Surya Roshni Ltd., where students explored LED and steel pipe manufacturing.

The Department of Electrical and Electronics Engineering organized an awareness program on government startup support, in collaboration with the MSME Development Office.

The Department of Electrical & Electronics Engineering organized an industrial visit to MHPS, MPPGCL, enhancing students' understanding of hydroelectric power generation.

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

The Department of Computer Science and Engineering organized a seminar on "Smart Antenna and Machine Learning," led by Dr. Pinku Ranjan.

The School of Engineering and Technology organized a cybersecurity camp with DSP Mr. Santosh Patel, focusing on digital fraud prevention and safety.

Computer Science and Engineering students visited the BSNL Exchange, gaining practical exposure to networking systems, wireless networks, and telecom operations.

Vikrant University's Computer Science and Engineering Department organized a seminar on Salesforce Cloud Services, led by expert Mr. Naman Markan.

Vikrant University's Computer Science & Engineering Department concluded AI Awareness Week with an expert talk by Mr. Rahul Jha on AI advancements.

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

On National Youth Day, Vikrant University's School of Computer Science organized "Vivekananda in Campus," featuring a keynote by Mr. Sanjay Singh.

The Department of Computer Science organized an impactful internship program, with expert insights from Mr. Arvind Kumar on emerging technologies.

The Department of Computer Science & Engineering organized a workshop on "Data Analytics Using Python," offering hands-on learning for 90+ students.

The Department of Computer Science & Engineering organized a workshop on "Data Analytics Using Python," offering hands-on learning for 90+ students.

The Department of Computer Science Engineering hosted a Cyber Security session, featuring BSNL experts discussing threats, AI security, and career opportunities.

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

The Department of Computer Science and Engineering hosted an expert talk by Mr. Muddit Thakkar on startup innovation and entrepreneurship.

The Department of Mechanical Engineering & Fire Technology conducted an emergency response training session, covering fire safety and first aid techniques.

The Department of Mechanical Engineering & Fire Technology organized a fire safety program, featuring a drill, environmental awareness, and a speech on forest conservation.

A training session on Safety Standards and the Factory Act, led by Mr. Sandeep Pathak, covered protocols, compliance, and risk mitigation.

Beyond the Classroom :
Enriching Activities, Seminars, and
Visits at Vikrant University

The Department of Civil Engineering hosted a Perspective Drawing Competition, allowing students to showcase their creativity and technical design skills.

Vikrant University hosted a Yoga and Meditation session with Piyush Pathak, promoting mindfulness, stress management, and overall well-being.

The School of Natural and Applied Sciences hosted an expert talk on lean start-ups and innovation in pharmaceutical science by Mr. Prashant Awasthi.

The Department of ME & FT organized a fire safety training session for staff, covering protocols, extinguisher use, and evacuation procedures.

Vikrant
University
GWALIOR

Exploring New Horizons :
Educational Tours at Vikrant University

VU Engineering Students Gain Civic Insight During Parliament Visit

The School of Engineering and Technology at Vikrant University organized an educational visit to the Parliament of India for first-year students, offering real-world insight into democratic processes. The experience enriched their understanding of governance, promoted civic awareness, and reflected the university's commitment to holistic, socially responsible learning beyond the classroom.

Vikrant University Students Explore Chandigarh and Manali on Educational Visit

Vikrant University students visited Chandigarh and Manali on an enriching exposure trip. At Punjab University, they explored the library and Gandhi Bhawan, engaged in insightful discussions with students and faculty. The visit fostered academic exchange, broadened perspectives, and offered valuable experiences that support both personal and intellectual growth.

Shaping the Future :
National Science Day, BIS, ISRO, and IEEE Events at Vikrant University

Manak Mitra Awareness Program at Vikrant University

The BIS Club and School of Engineering & Technology at Vikrant University, Gwalior, in collaboration with BIS Noida, organized the Manak Mitra Awareness Program for first-year Diploma and B.Tech students. The event emphasized the role of quality standards in daily life and consumer safety. Experts, including Mr. Amardeep Jaiswal and Mr. Sachin Verma, shared insights on BIS certification. A student-led Nukkad Natak and awareness rally further promoted the message of combating counterfeit and substandard products.

1st National Space Day Celebration Ignited Scientific Spirit at Vikrant University

Vikrant University celebrated the 1st National Space Day on August 17, 2024, in collaboration with ISRO, honored Chandrayaan-3's success. The event featured Dr. A.C. Pandey (DRDO) and ISRO scientists Mr. Aditya Patinge and Mr. Akhilesh Sharma. Students from Gwalior participated in quizzes, poster-making, model presentations, and the Chandrayaan Craftathon. Highlights included award ceremonies, interactive sessions, inspired talks, fostered scientific curiosity and celebrated India's space achievements. The event successfully ignited young minds toward space science and innovation.

Inspiring Journeys in Space and Robotics

Vikrant University proudly shared that our students participated in the 1st National Space Day celebration at SAC, ISRO Ahmedabad. They interacted with Dr. Kartikeya Sarabhai and Dr. Nilesh N. Desai, gaining insights into Chandrayaan-3 and ISRO's innovations. The journey continued with a visit to Science City, Ahmedabad, where students explored Robotics World. Highlights included humanoid robots, industrial robots, and robotic arms in action. This immersive experience at SAC and Robotics World broadened their understanding of space and technology, sparked curiosity and passion for future innovations. We thank SAC, ISRO, for this incredible opportunity.

National Science Day 2025

The School of Engineering and Technology at Vikrant University, Gwalior, organized a four-day National Science Day celebration from February 25–28, 2025, supported by MPCST, Government of MP. Embracing the theme "Empowering Indian Youth for Global Leadership in Science & Innovation for Viksit Bharat," the event featured 199 participants, including 61 girls and diverse community representation. Highlights included quizzes, experiments, expert talks, and a live-streamed STEM Center inauguration by Hon'ble CM Dr. Mohan Yadav, fostering scientific curiosity and innovation.

A Milestone in Technical Excellence:
IEEE Student Branch Launched at Vikrant University

Vikrant University proudly inaugurated its IEEE Student Branch, marked a significant step toward fostering a community of innovators and tech leaders. The event was graced by Dr. G. S. Tomar, Chairperson of IEEE MP Section, who inspired students with his motivating address. Certificates and badges were awarded to student members, formally affiliating them with the global IEEE network. An oath-taking ceremony reaffirmed their commitment to IEEE's values. This milestone reflected the dedication of our students and volunteers.

Dean's Desk
School of Management & Commerce

Navigating the Digital Revolution with Ethical Standards

Dear Readers,

As we foray into the world of digitalisation, new business paradigms are presenting new opportunities and challenges. In this state of flux, with existing frontiers expanding the boundaries, School of Management and Commerce, Vikrant University, Gwalior stands at an exciting crossroads. Keeping pace with this change, the school has introduced a bouquet of courses for the students of Management and Commerce. Furthermore, the school has also both revised the curricula of existing courses and also brought forth new specialisations to align with the business landscape marked by emerging technologies, dynamic market conditions, and shifting global perspectives. As we adapt to these changes, it is imperative that our approach to management education not only embraces innovation but also remains anchored in the timeless principles of ethical leadership and responsible decision-making.

The intake on an unprecedented scale across various programs have been a testament to the trust and quality offered by the school. The trust is further bolstered by a number of reputed organisations selecting students of the school for both placements and internships.

While the students and the faculties and staff have been the frontrunners of change, the school works toward imbibing the ethical perspectives rooted in Indian ethos in their human capital outlook. Thus, the School strives to promote various events so as to amplify the boundaries of ethics and leadership. This is done by introducing problem solving activities and cases, projects etc. on a scale of ethical consciousness. This further underlines the role played by the school to recalibrate the resources – human capital's transformative ethical leadership capabilities.

At its core, management is about people, and as technology continues to redefine our working environment, the human element remains the school's strongest asset. Our curriculum is increasingly focused on equipping students with not just technical prowess but also a deep understanding of teamwork, critical thinking, and ethical business practices. The innovative programs the school is developing aim to bridge theoretical knowledge with practical application in a way that prepares the students to navigate the complexities of modern business while contributing positively to society.

As you read through the insightful articles and thought pieces in this edition, I encourage you to reflect on your own roles—whether as students, educators, or industry professionals. It is only when the ideas of change are coupled with the belief in compassion and service, a future can be envisaged where technology and human ingenuity can work hand in hand.

Prof. Rahul Kushwah

Deshaj Darshan Mahotsav

Deshaj Darshan Mahotsav was organized by Shrikrishnayan Samiti and Paryatan Vikas Welfare Society in association Madhya Pradesh Tourism Board on the occasion of National Tourism Day.

Around 80 students of School of Management & Commerce, Vikrant University, Gwalior actively participated in the Program. The event was held on 22nd and 23rd January 2025 with the aim to showcase and promote the indigenous culture of Gwalior-Chambal division through rural tourism program and a dialogue session.

Student's Achievements

Aryaman Sharma, student of MBA -Travel and Tourism at the School of Management and Commerce, Vikrant University, Gwalior, has achieved an outstanding 99.72 percentile in the UGC-NET December 2024 examination in Tourism Administration and Management for Assistant Professor, Junior Research Fellowship (JRF) and Ph.D.

We commend his hard work, dedication and commitment to academic excellence. We wish him all the best for his future endeavours.

Highlight student achievements such as winning competitions (technical, cultural, academic), securing internships, publishing papers, receiving scholarships, or contributing to societal work.

Mega Blood Donation Camp

The students and faculty members of our university actively participated in the Mega Blood Donation Camp organized by Food for Needy, Gwalior in collaboration with Vikrant University.

This noble initiative showcased our community's spirit of compassion, social responsibility, and commitment to serving humanity. We extend our heartfelt appreciation to all participants for their selfless contribution, which will go a long way in saving lives.

Sports

Their were many inter-departmental, inter-college, or university-level sports events. Include team achievements, individual medals, participation in tournaments, photos of matches/events, and student testimonials.

Dean's Desk
School of Agriculture

I am proud to be a part of the School of Agricultural Sciences, Vikrant University, Gwalior where my efforts are constantly supported and promoted by a dedicated team of faculty members and staff. Our work is driven by a shared vision to empower students through a rich mix of curricular and extracurricular activities aimed at their overall academic and professional development.

Since its inception in 2022, the School of Agricultural Sciences has quickly earned a reputation for excellence in teaching, innovative pedagogy, and active student engagement. We emphasize practical learning through research trips and field-based activities at Vikrant agriculture research and development centre sakatpura, allowing students to gain practical insights into modern and sustainable agricultural practices.

We focus on adopting and promoting best cultural and agricultural practices, preparing our students with competence and confidence to face the emerging challenges in the field of agriculture. Together, we are building a vibrant learning environment that not only imparts knowledge but also promotes innovation, research and community engagement.

We look forward to keeping you updated on our initiatives, student achievements, and departmental activities that continue to shape the future of agriculture science and technologies.

Warm regards

Dr. S.K. Singh

Activities

Industrial Training Alert – B.Sc. Agriculture Students

We are pleased to announce that 14 final-year B.Sc. Agriculture students have commenced their internship at Gwalior Sahakari Dudh Sangh Maryadit, Banmore, Morena (M.P.). This training provided valuable hands-on exposure to dairy production, processing, and packaging practices.

Educational Visit – Agriculture Fair at RVSKVV, Gwalior

The visit provided insights into modern farming techniques, government schemes, digital agriculture, and agri-startups. It was a valuable learning experience, inspired students toward innovation and entrepreneurship in agriculture.

"Opportunities in Agri-Business"

The School of Agricultural Sciences hosted a seminar on "Opportunities in Agri-Business" on 07/01/2025. Speakers highlighted agriculture's key role, policies, and business opportunities to inspire students and faculty toward entrepreneurship.

Activities

Oyster Mushroom Production and Packaging by Agriculture Students

The School of Agricultural Sciences was delighted that B.Sc. Agriculture students are successfully practicing oyster mushroom production and packaging. Guided by faculty, they explore spawn types, cultivation conditions, and product innovations like protein powder, mushroom chocolates, and biscuits—empowering them with skills for entrepreneurship and sustainable agricultural practices.

Vikrant University Participated in Farm Tech Asia Fair 2024 at RVSKVV Gwalior

Over 60 Vikrant University Agriculture students actively participated in Farm Tech Asia Fair 2024, exploring innovations, engaging with experts, and enhancing their agricultural knowledge.

Educational Visit to Krishi Vigyan Kendra (KVK) Morena

B.Sc. Agriculture students visited KVK Morena, exploring integrated farming units, Kadaknath hatchery, vegetative propagation techniques, mustard sorting, and honey purification processes.

Activities

National Youth Day – Job Awareness in Indian Railways

The Schools of Legal Studies and Agriculture hosted a lecture on "Job Awareness in Indian Railways" by Dr. Ashish Sachan, IAS, on 11-01-2025. A Poster Making Competition was also held by the School of Legal Studies.

Addressed by Chief Guest Dr. Y.D. Mishra, Nodal Officer, CAIE, RVSKVV, Gwalior

Fundamental Rights and their role in sustaining democracy in India

The School of Agricultural Sciences organized expert lectures on Fundamental Rights, Intellectual Property, and Indian Agricultural Techniques, inspired 150+ students with insights on democracy, innovation, and sustainable farming practices.

Activities

National Commodity and Derivatives Exchange (NCDEX)

An awareness program on National Commodity and Derivatives Exchange (NCDEX) was organized by school of Agriculture science, Vikrant University on 11.01.2024.Our students understand the dynamic of the agriculture commodity in today's economic.

International Gita Festival, 2024 at Adarsh Gaushala Laltipara Gwalior Madhya Pradesh.

School of Agriculture Science, Vikrant University Gwalior at International Geeta Mahotsav, 2024,Adharsh Gaoshala Laltipara. The School of Agriculture Science successfully conducted an event on Electromagnetic Radiation Awareness Program.

International Gita Mahotsav, 2024 was organized at Adarsh Gaushala Laltipara Gwalior Madhya Pradesh. In which students of Agricultural Science School, Vikrant University Gwalior participated and explained in detail about the importance of using vermicompost in the university plant.

Educational Visit Tapovan Mini Forest Jhansi Road at Gwalior MP

The educational visit of Vikrant University's School of Agriculture was successful. Students explored herbal plant nurseries at Tapovan, learning about grafting, vermicomposting, and soil testing. The nursery produces diverse plants like Tulsi and Neem at affordable rates, promoting environmental awareness and supporting increased demand due to the COVID-19 pandemic.

Placement

Piyush Anand
Agri Advisor
Agrostar
Package : 3.5 LPA

Hariom Rajput
Marketing Officer
Shivashakti Agritec Limited
Package : 2.4 LPA

Ravi Pawaiya
Jr. Agriculture Officer
Shivashakti Agritec Limited
Packate : 3.00 LPA

Abhishek Kirar
Sales Officer
Katyayani Agritec
Package : 2.22 LPA

Abhishek Sharma
Marketing Officer
Shivashakti Agritec Limited
Package : 2.4 LPA

Wishwajeet Thakur
Agri Advisor
AgroStar
Package : 2.96 LPA

M.Sc. (Agriculture)

zomato hyperpure

Kartikey Upadhyay
Designation : Associate
Zomato Hyperpure Pvt. Ltd.
Package : **5.2 LPA**

Kalash

Satendra Sharma
Designation : Market Development Officer
Kalash Seeds Private Limited
Package : **3.1 LPA**

Dean's Desk
School of Natural and Applied Sciences

Our school stands as a center of excellence committed to academic rigor, innovative research, and holistic development in the domain of science and technology. Science plays a crucial role in the progress of society by offering solutions to global challenges and opening new avenues for innovation. At SNAS, we strive to nurture scientific temper, critical thinking, and a research-oriented mindset among our students. Our mission is to empower young minds with deep disciplinary knowledge, hands-on experience, and a strong ethical foundation.

We offer a diverse range of undergraduate and postgraduate programs tailored to meet the emerging needs of industry, healthcare, environment, and research: Undergraduate Programs (B.Sc.):B.Sc. in Embryology, ,B.Sc. in Forensic Science ,B.Sc. in Microbiology ,B.Sc. in Biotechnology, B.Sc. ZBC (Zoology, Botany, Chemistry),B.Sc. PCM (Physics, Chemistry, Mathematics),B.Sc. in Environmental Science, Postgraduate Programs (M.Sc.):M.Sc. in Zoology, M.Sc. in Mathematics, M.Sc. in Botany, M.Sc. in Physics, M.Sc. in Chemistry, M.Sc. in Biotechnology, M.Sc. in Microbiology, M.Sc. in Forensic Science, M.Sc. in Embryology

All our programs are designed in line with the National Education Policy (NEP) 2020, integrating academic flexibility, interdisciplinary learning, and skill-based training. Our experienced faculty members, well-equipped laboratories, modern classrooms, and strong industry-academic interface ensure that students receive a world-class education in a nurturing environment.We invite you to be a part of this exciting journey at SNAS, Vikrant University – where science meets innovation, and learning leads to leadership.

Prof. (Dr.) Naveen Kumar Singh Chauhan

Activities

School of Natural and Applied Science
Magazine Report: Expert Talk on "Multiple Geetas in the Indian Knowledge System"
Academic Year: 2024–2025 | Quarter: 4 | Mode: Online | Date: 26 December 2024

The School of Natural and Applied Science, Vikrant University, Gwalior, under the aegis of the Institution's Innovation Council (IIC), organized an insightful Expert Talk on "Multiple Geetas in the Indian Knowledge System" on 26th December 2024. The event aimed to delve into the lesser-explored diversity of Indian philosophical traditions by examining various "Geetas" beyond the well-known Bhagavad Gita.

With an active participation of 55 students and faculty members, the session was delivered in online mode, enabling broader accessibility and interaction.

The talk offered a holistic view of the plurality of Geeta texts, shedding light on their conceptual frameworks, philosophical teachings, and their embeddedness in Indian epistemology, metaphysics, literature, and cultural ethos. Through scholarly exposition and interactive dialogue, participants explored how different Geetas convey varied schools of thought and spiritual disciplines, offering rich insight into India's civilizational wisdom.

Key Objectives Covered:

• Understanding Geetas beyond the Bhagavad Gita

• Exploring philosophical diversity across texts

• Cultural and literary relevance of Geetas

• Drawing contemporary relevance from ancient wisdom

• Fostering interdisciplinary connections within Indian Knowledge Systems

Participants gained skills in textual interpretation, critical analysis, interdisciplinary integration, ethical decision-making, and public speaking. The program also encouraged cultural literacy and spiritual reflection, emphasizing the relevance of ancient Indian knowledge in addressing modern ethical and societal challenges.

Webinar on "Environmental Consciousness: Shaping a Sustainable Future"

Academic Year: 2024–2025 | Quarter: 4 | Mode: Online | Date: 23 December 2024
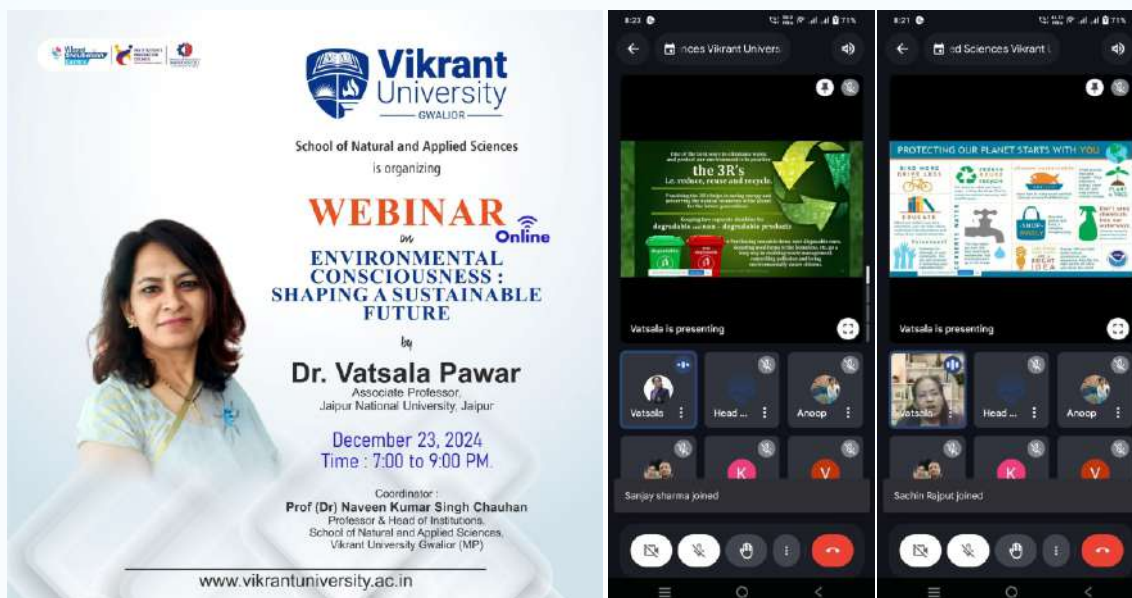
The School of Natural and Applied Science, Vikrant University, Gwalior, successfully organized a Webinar on "Environmental Consciousness: Shaping a Sustainable Future" on 23rd December 2024, under the banner of the Institution's Innovation Council (IIC). This intellectually enriching event brought together 45 students and faculty members in a virtual format to explore environmental awareness as a cornerstone of sustainable development.

The webinar was designed to raise environmental awareness, inspire innovative thinking, and promote actionable sustainable practices. Through insightful presentations and engaging discussions, the session encouraged participants to reflect on global environmental challenges—such as climate change, pollution, and biodiversity loss—and the collective responsibility to combat them.

Key Objectives of the Webinar:

- Promote understanding of current environmental challenges

- Highlight sustainable practices for individuals and communities

- Encourage innovation and technological solutions

- Foster environmental responsibility and collaborative efforts

- Support academic goals by integrating sustainability into education

Online Workshop on the NAAC Accreditation Process

The School of Natural and Applied Sciences at Vikrant University, Gwalior, successfully organized an Online Workshop on the NAAC Accreditation Process on 24th January 2025, under the aegis of the Institution's Innovation Council (IIC). The workshop was designed to empower faculty members with the essential knowledge, skills, and tools necessary for navigating and contributing effectively to the National Assessment and Accreditation Council (NAAC) accreditation process.

The workshop aimed to:

• Provide a comprehensive understanding of the NAAC accreditation framework, criteria, and standards.

• Guide participants through the entire accreditation process, including SSR (Self Study Report) preparation, stakeholder roles, and documentation.

• Enhance faculty skills in data analysis, report writing, and internal quality assurance.

• Encourage a culture of self-evaluation, continuous improvement, and team-based planning for institutional growth.

• Promote the use of best practices, peer review awareness, and project management tools in accreditation planning.

The Workshop on NAAC Accreditation Process was a highly interactive and insightful event that empowered 75 faculty members with practical knowledge and skills for institutional quality enhancement and accreditation readiness. The School of Natural and Applied Sciences remains committed to fostering a culture of academic excellence and continuous improvement aligned with national standards.

Expert Talk on "Teaching Strategies to Keep Classes Interesting"

To foster innovative and engaging pedagogical practices, the School of Natural and Applied Science, Vikrant University, Gwalior, under the auspices of the Institution's Innovation Council (IIC), organized an Expert Talk on "Teaching Strategies to Keep Classes Interesting" on 9th August 2024. This insightful session was conducted online, with active participation from 65 students.
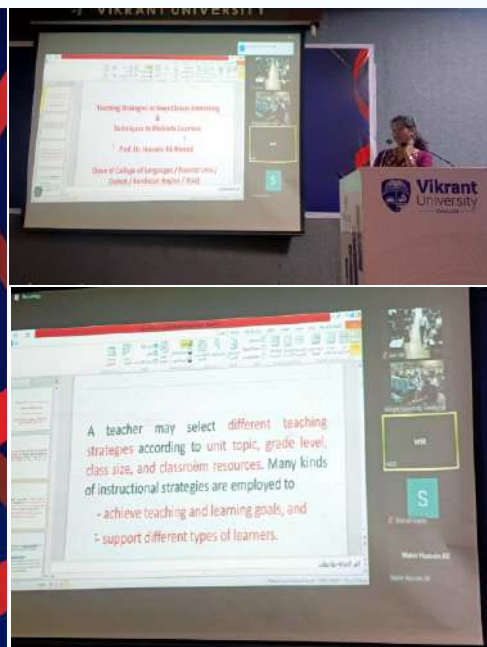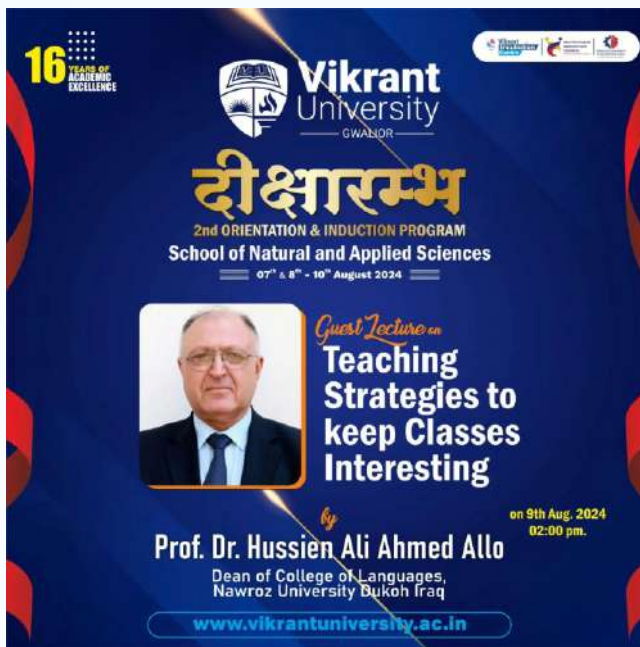
The session focused on modern, research-backed strategies that promote active learning, collaboration, and critical thinking, ensuring that classrooms become hubs of curiosity and creativity rather than passive learning spaces. From using digital tools and flipped classrooms to gamification and storytelling, the expert illustrated numerous ways to enhance student engagement and comprehension.

Key Themes Discussed:

- Active Learning Techniques: Group discussions, problem-based learning, think-pair-share

- Technology Integration: Use of tools like Kahoot, simulations, collaborative platforms

- Flipped Classrooms & Gamification: Pre-class activities, learning games, student incentives

- Peer Learning and Expert Engagement: Student presentations, collaborative projects, guest talks

- Real-World and Ethical Learning: Use of storytelling, real-life case studies, ethical debates

This expert talk not only equipped students with a dynamic understanding of how engaging classrooms transform learning experiences, but also emphasized the educator's role as a facilitator of dialogue, creativity, and lifelong learning.

Future Scope in Science and Technology

In pursuit of its mission to deliver quality education and promote futuristic learning, the School of Natural and Applied Science, Vikrant University, Gwalior, in association with the Institution's Innovation Council (IIC), organized an expert lecture on the topic "Future Scope in Science and Technology" on 9th August 2024 through online mode. The program witnessed active participation from 65 students across various academic disciplines.

Objective of the Event:

To enlighten students about the emerging trends and opportunities in science and technology, enabling them to align their academic and career paths with future global needs.

Key Areas Explored:

- Digital Health and Telemedicine: Explored the role of AI and wearable technologies in transforming remote healthcare delivery and patient engagement.

- Precision and Personalized Medicine: Discussed the application of genomic and proteomic data in customizing treatment plans for improved outcomes.

- Regenerative Medicine and Biotechnology: Highlighted innovations such as stem cell therapies and 3D bioprinting for tissue and organ regeneration.

- AI and Machine Learning in Healthcare: Covered the use of algorithms and analytics for diagnosis, treatment planning, and process automation in clinical settings.

- Nanotechnology in Medicine: Focused on the use of nanodevices and nanosensors for targeted drug delivery and early disease detection.

- Robotics and Automation in Surgery: Presented advancements in robotic-assisted surgeries that enhance precision and patient recovery.

This expert talk served as a pivotal learning opportunity, providing students with critical insights into future scientific directions and skillsets required to navigate them successfully. It further strengthened the university's vision to cultivate innovation-driven, research-oriented, and industry-ready graduates.

Report on Expert Talk: "Research and Ethics"

The School of Natural and Applied Sciences, Vikrant University, Gwalior, successfully organized an Expert Talk on "Research and Ethics" on 25th March 2025 via Google Meet. The session aimed to highlight the ethical dimensions of scientific research and promote responsible research practices among students and faculty.

The event began with a formal welcome to Dr. Rishi Saxena, a distinguished academician and expert in microbiology and research ethics. In his address, Dr. Saxena emphasized the importance of upholding credibility, transparency, accountability, and social responsibility in academic research.

He discussed key issues including plagiarism, data fabrication, falsification, authorship ethics, and the broader impact of research misconduct. Dr. Saxena enriched the session with real-life examples, references to case studies, and practical strategies for maintaining ethical standards in scientific investigation.

Additionally, he shared insights from his own research experience in medical microbiology, microbial pathogenesis, and antimicrobial resistance, illustrating how ethics play a vital role in producing reliable, impactful science. The session concluded with an interactive Q&A, where students and faculty actively engaged with the speaker and received personalized guidance.

• Enhanced awareness about the fundamental principles of research ethics and their relevance in modern scientific work.

• Participants gained clarity on how to avoid unethical practices such as plagiarism and data manipulation.

• The event reinforced the value of academic integrity and promoted a culture of responsible research.

• An interactive platform allowed students to clarify doubts and receive expert suggestions on maintaining ethical rigor in their work.

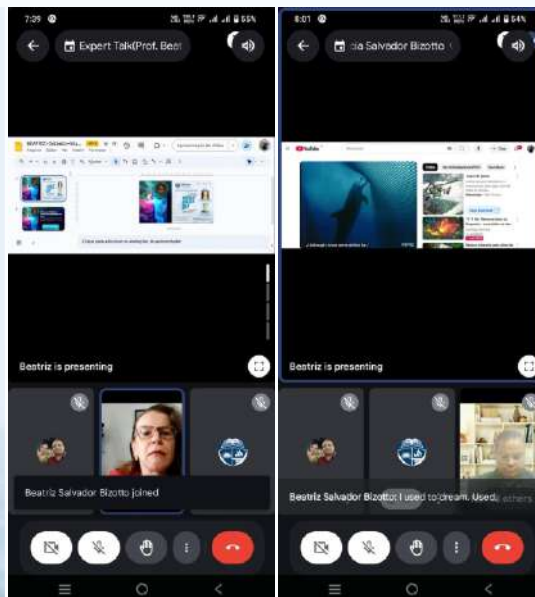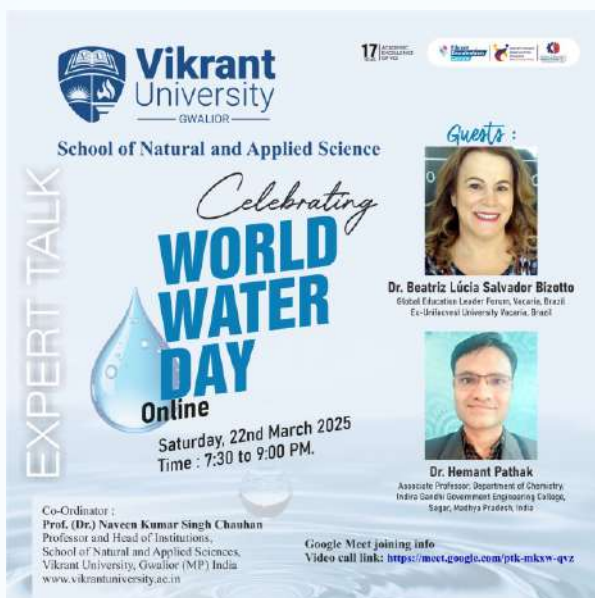## Webinar Report on "Teaching and Learning in the Modern Era"

The primary objective of the webinar was to explore the evolving landscape of education in the 21st century and equip educators and learners with the knowledge, skills, and tools necessary to thrive in a modern learning environment.

1.   Explore Modern Pedagogical Approaches

     – Introduce innovative and learner-centric teaching methodologies.

2.   Integrate Technology in Education

     – Highlight digital tools, AI-driven learning platforms, and online teaching resources.

3.   Foster Collaborative and Interactive Learning

     – Share best practices for promoting student engagement through group-based activities.

4.   Adapt to Evolving Educational Needs

     – Address challenges in hybrid and personalized learning.

5.   Promote Critical Thinking and Creativity

     – Encourage approaches that enhance problem-solving and innovative thinking.

The participants expressed immense appreciation for the session's relevance, interactivity, and real-world applicability. The discussion offered them valuable insights to navigate contemporary educational challenges and inspired a mindset of innovation and adaptability.

The webinar concluded successfully, reinforcing Vikrant University's dedication to excellence in teaching, innovation, and holistic education.

Expert Talk Marks World Water Day

In honor of World Water Day on 22 March 2025, the School of Natural and Applied Science at Vikrant University, Gwalior, under the banner of the Institution's Innovation Council (IIC), hosted a distinguished Expert Talk featuring two renowned speakers:

- Dr. Beatriz Lucia Salvador Bizotto, Postdoctoral Researcher and Tutor, Centre UNIFACVEST, Brazil

- Dr. Hemant Pathak, Assistant Professor of Chemistry, Indira Gandhi Government Engineering College, Sagar, M.P.

This insightful session, conducted in online mode, attracted active participation from students and faculty committed to water conservation and sustainability.

Dr. Beatriz Bizotto

Dr. Bizotto shared perspectives on water sustainability through a global lens. Drawing on her background in governance, spirituality, and applied social sciences, she emphasized the connection between cultural values and environmental stewardship. Her presentation reflected on how traditional practices and international collaboration can support sustainable water management

Dr. Hemant Pathak

With extensive research in environmental chemistry, including studies on water quality in the Sagar region Dr. Pathak discussed groundwater degradation, waterborne diseases, and cost–benefit implications for local communities. He highlighted the importance of scientific monitoring and policy frameworks to ensure safe and sustainable water supplies.

Participants responded enthusiastically, praising the relevance and depth of the presentations. Many appreciated how the event bridged technical clarity with cultural insights, inspiring them to engage in meaningful water conservation initiatives locally.

International Expert Talks
Mark World Environment Day

In observance of World Environment Day 2025, the School of Natural and Applied Science, Vikrant University, Gwalior, hosted a prestigious International Expert Talk on 5th June 2025. The event, conducted online, featured distinguished international speakers and attracted participation from students, faculty members, and environmental enthusiasts.

The theme of World Environment Day 2025, "Land Restoration, Desertification, and Drought Resilience," provided the foundation for expert discussions, addressing urgent global challenges and promoting sustainable environmental action.

Dr. Habiba Nasraoui Ben Mrad

Lecturer and Researcher, Economic Science, Government of Tunisia

Dr. Habiba emphasized the economic impact of environmental degradation and the importance of integrating sustainable economic policies to combat desertification. She shared valuable insights into Tunisia's national policies for sustainable agriculture and drought resilience.

Prof. Dimitros A. Karras

Professor, National and Kapodistrian University of Athens, Greece

Prof. Karras addressed the role of artificial intelligence and data analytics in environmental monitoring. He showcased case studies from Europe on land degradation modeling, AI-based water resource management, and green policy planning.

Dr. Enkeleda Lulaj

Faculty, University "Haxhi Zeka," Peja, Kosovo

Dr. Lulaj presented on community-driven ecological restoration and the significance of education and civic engagement in building a sustainable environment. She also discussed innovative practices in eco-tourism and biodiversity conservation from the Balkans region.

- Strengthened knowledge of international environmental strategies and climate resilience.
- Exposure to interdisciplinary approaches combining technology, economics, and community action.
- Enhanced awareness of the UN Sustainable Development Goals, especially SDG 13, SDG 15, and SDG 17.
- Motivation for students to undertake green research and social responsibility projects.

Dean's Desk
School of Legal Studies

Dear Students,

As we navigate the complexities of the legal world, I am proud to see our School of Legal Studies thriving and making a meaningful impact. Our students and alumni are making waves in the legal profession, and our faculty continue to push the boundaries of knowledge and innovation.

In this newsletter, we highlight some of our notable achievements, upcoming events, and opportunities for growth and development. I encourage you to stay engaged, participate in our activities, and contribute to our vibrant academic community.

Thank you for being part of our School of Legal Studies family. I look forward to seeing our collective efforts bear fruit.

Best regards,

Dr. Vir Narayan

Vikrant University GWALIOR

Activities

Special Lecture – On Job Awareness in Indian Railways by Dr. Ashish Sachan, IAS

The Schools of Legal Studies and Agriculture conducted a special lecture on Indian Railways jobs, with Dr. Ashish Sachan guiding students on opportunities, eligibility, and career growth.

National Youth Day (Poster Making Competition) "Empowering Youth for a Better Tomorrow"

Our university hosted a Swami Vivekanand Poster Making Competition, where students from various departments showcased their artistic talents while paying tribute to the revered philosopher and spiritual leader. The competition aimed to inspire students to reflect on Swami Vivekanand's teachings and values, emphasizing the importance of youth empowerment, self-realization, and service to humanity.

"THREE DAYS FACULTY EXACHANGE PROGRAM"

The three-day Faculty Exchange Program between Vikrant University's School of Legal Studies and Madhav Vidhi Mahavidyalaya, Gwalior, was successfully conducted from January 22-24, 2025. Faculty members shared teaching methods and knowledge, fostering academic collaboration. Participants included Asst. Professors Suman Rahul Ahirwar, Ritu Sharma, and Pratiksha Sharma.

Activities

Constitution Day Celebrations: Essay Writing and Quiz Competition

The School of Legal Studies celebrated Constitution Day on February 1, 2025, with an essay writing and quiz competition focused on the Indian Constitution and Dr. Ambedkar's role. Students actively participated, deepend their understanding of constitutional principles and honoring Dr. Ambedkar's contributions.

Session on Career and Judiciary Guidance by Shri Pranjal Singh

Shri Pranjal Singh, a renowned law educator from Unacademy, guided students on judiciary career opportunities, exam strategies, internships, and building a strong legal foundation. The interactive session motivated students, offering valuable insights and practical advice for career development in law and judiciary fields.

Visit - Central Jail

The School of Legal Studies organized a visit to Central Jail, Gwalior, for 35 students and 3 faculty members. The visit provided practical insights into prison life, rehabilitation programs, human rights, prisoner welfare, and the application of laws related to correctional facilities in India.

Activities

Seminar on the ocassion of Dr. B. R. Ambedkar Jayanti ; a social reformer and architect of Indian Constitution

The School of Legal Studies at Vikrant University successfully conducted a seminar featured Advocate Rajesh Shukla. The session honored Dr. Ambedkar's contributions to social justice, equality, and human rights, inspiring students to uphold his vision and values in today's society.

National Moot Court Competition (Participant)

The School of Legal Studies participated in the 2nd Justice R.R. Aggarwal Memorial Moot Court Competition, securing 4th and 7th ranks among 36 teams nationwide. Students enhanced advocacy, research, and teamwork skills, gaining valuable national exposure under faculty coordinator Mr. Prashant Rao Mulik's guidance.

Participation in Abhivyanjana Speech Competition

Humera Khan, a B.A.LL.B. 4th semester student, participated in the Abhivyanjana Speech Competition on January 19, 2025, organized by Adhivakta Parishad Madhya Bharat. The event honored Swami Vivekananda, providing Humera a platform to showcase her public speaking skills and engage in cultural and intellectual activities.

Dean's Desk
School of Pharmacy

Dear Pharmacy Professionals

Welcome to the College of Pharmacy at the Vikrant University Gwalior (MP).

Our College of Pharmacy offers a four-year Bachelor of Pharmacy (B. Pharm) and two years Diploma in Pharmacy (D Pharm) program The Program is running successfully since 2023. The B.Pharm degree offers an in-depth education on Pharmaceutical care, patient safety and imparts professional skills in the manufacturing and handling of drugs. Our students are exposed to professional health care including observational trips and clinical rotations/training in the hospitals and community pharmacies in India and/or abroad.

We at the College of Pharmacy are committed to providing high-quality education and training that prepares our graduates with the necessary skills to be competent pharmacists and to be able to join the job market in hospital/clinical pharmacies, community pharmacies, industrial pharmacy, academia, research and pharmaceutical marketing.

The College of Pharmacy at the Vikrant University Gwalior is where you can build your career in the field of pharmaceutical sciences.

The field of Pharmacy is constantly evolving, and it is our responsibility to prepare our students to be leaders and innovators in this dynamic world. This past year, we have embraced new technologies and teaching methods to ensure that our programs remain at the forefront of the field.

I am excited about the innovative work being done by our faculty and students, and I am confident that our School will continue to shape the future of Pharmacy.

Thank you for your commitment to innovation and excellence.

Dr Subodh Kumar Dubey

Activities Chakra

Departmental Activity

Stress Management Program

A stress management program helps individuals develop skills and strategies to cope with and reduce stress, anxiety, and other psychological problems. These programs often focus on prevention and offer psycho-education and cognitive-behavioral skills training. They can include techniques like mindfulness, relaxation exercises, and lifestyle adjustments.

Laboratory Visit

A laboratory visit, in the context of healthcare, refers to a scheduled appointment at a clinical laboratory to undergo medical tests or procedures. These tests are used to analyze samples like blood, urine, or other bodily fluids/tissues to gather information about a patient's health. In Gwalior, you can find labs that offer both home collection services and the option to visit their facility.

Universal Human Value Cell PCOS & Infertility Effect On Women's Health

Polycystic Ovary Syndrome (PCOS) and infertility can significantly impact women's health, both physically and emotionally. PCOS is a common endocrine disorder that can disrupt ovulation and lead to infertility. Infertility itself can have psychological consequences, including anxiety, depressionn, and low self-esteem.

Activities Chakra

Debate Competition

A debate competition is a structured event where individuals or teams argue for and against a specific proposition or topic. These competitions often involve formal rules and procedures, with participants presenting arguments, rebuttals, and evidence to persuade an audience and judges. The winner is typically

determined by a panel of judges who evaluate the quality of arguments, presentation skills, and overall impact.

Teachers Day Celebration On 05/Sep/2024

Teacher's Day is called " Teacher's Day" or "World Teachers' Day" in English. It is a day that is celebrated all over the world to honour and express gratitude towards the contributions of teachers.

World Teachers' Day: It is celebrated every year on October 5, as determined by UNESCO. This day focuses on teachers' rights, working conditions and professional responsibilities.

Pharmacovigilance Day Celebration

Pharmacovigilance is the science and practice of detecting, assessing, understanding, and preventing adverse effects or any other medicine-related problems. It involves monitoring the safety of medicines after they are

marketed, helping to identify and address new safety concerns.

Activities Chakra

Worlds Pharmacist Day Celebration

World Pharmacists Day was established by the International Pharmaceutical Federation (FIP) in 2009 to promote and advocate for the crucial role of pharmacists in improving global health. The day honours the establishment of the FIP in 1912 and is celebrated to show respect for the pharmacy profession.

M.L. Shroff's Birthday

Prof. Mahadeva Lal Schroff, properly referred to as the Father of Pharmacy Education in India, passed away on August 25, 1971, and he surely remains an inspiration to all pharmacists working in this nation, regardless of their branches or responsibilities. Prof. Schroff, who was not qualified as a pharmacist, guided not just pharmaceutical education but also the Indian industry with his aptitude, comprehension, talent, and broad vision.

Awareness Program

Hiv & Std Program on 14/Sep/2024

HIV/STD programs, like the one run by the Texas Department of State Health Services (DSHS), focus on preventing, controlling, and providing care for HIV/AIDS and other sexually transmitted diseases (STDs). These programs offer a range of services, including testing, treatment, counseling, partner notification, and educational resources.

Placement Attraction

Vikrant University Successfully Hosted Aspire Expo – Job Mahakumbh 2025

Over 1000 registered, 250+ job offers from 15+ top companies marked Aspire Expo's success, empowered students and industry ties.

Placement Report 2024-25

Engineering Department Placement Summary

The final placement percentage for the Engineering Department was 80%. The highest package offered was 15 LPA and the minimum package was 3.5 LPA.

Companies with selections include:

- Yespeal Technologies: 5 Selections

- AIS Glass: 2 Selections

- Appsdeployer: 6 Selections

- AveryBit Pvt. Ltd: 4 Selections

- LnT: 2 Selections

- Schaeffler Technology: 7 Selections

- TCS: 5 Selections

                                      And many more...

Management Department Placement Summary

The placement percentage for the Management Department was 90%. The highest package offered was 20 LPA and the minimum package was 4.0 LPA.

Companies with selections include:
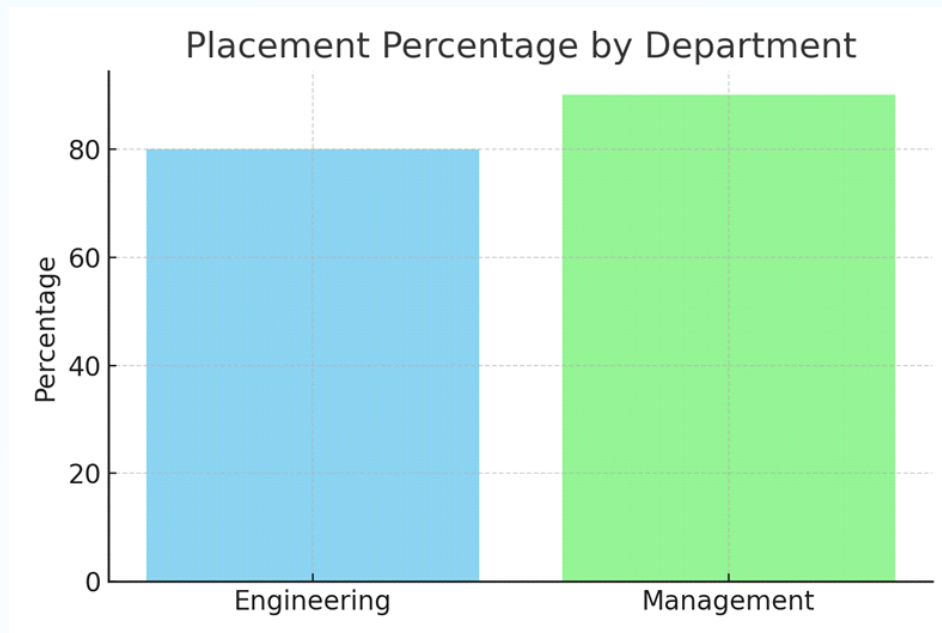
- Axis Bank: 10 Selections

- Berger Paints: 6 Selections

- CCD Beverages: 4 Selections

- Dmart: 8 Selections
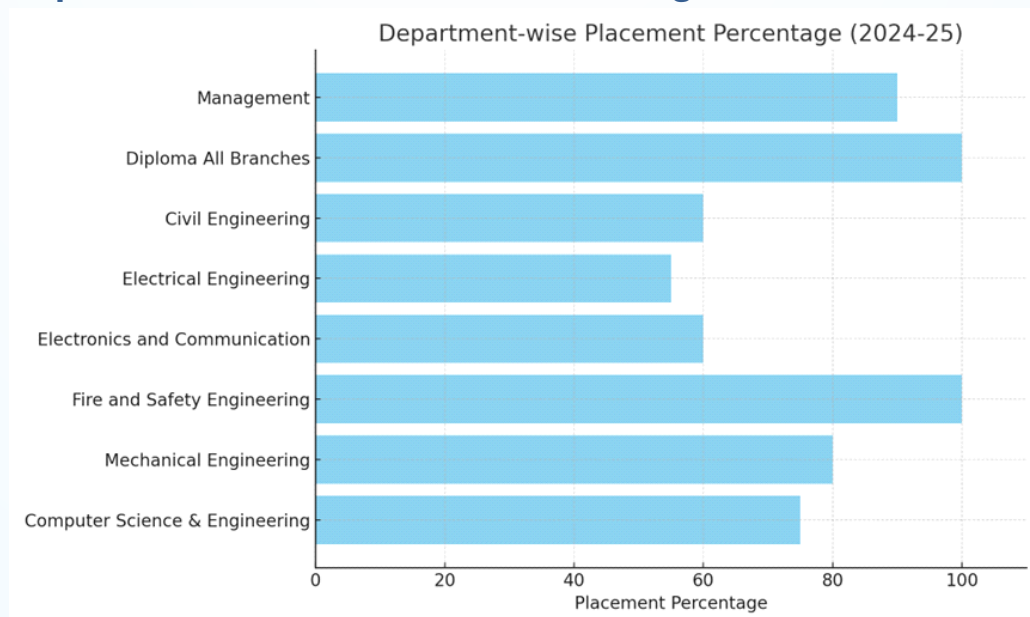
- IndiaMart: 7 Selections

- Reliance Retail: 12 Selections

                                      And many more...

Placement Report 2024-25

Graphical Representation

Department-wise Placement Percentage

The graph above illustrates the placement percentage across various departments for the academic year 2024-25.

Vikrant
University
— GWALIOR —

Scan & Visit Our Web Site

UNIVERSITY CAMPUS
Chittora Road, Gwalior (M.P.) INDIA
Cell : +91 7773004155 / 56

CITY OFFICE (GWALIOR)
Vikrant Group, Airport Road,
Gwalior (M.P.) INDIA
Cell : +91 9229222902

CITY OFFICE (INDORE)
Behine Veterinary College, A.B. Road
Mhow, Indore (M.P.) INDIA
Cell : +91 8435711111
Toll Free : 1800-274-7575

Admission Helpline
Toll Free : 1800-270-5155
Cell : +91 9343643501 & 502
E-mail : admissions@vikrantuniversity.ac.in