



## VIKRANT UNIVERSITY, GWALIOR

### ANNUAL REPORT 2023-24

Vikrant University has established in the year 2022 under the Act No. 25 of 2022 MP Private University Regulation Commission and it is spread over 40 acres. With the sole objective of setting new standards in higher education, research and innovation. The initiative was to create a vibrant local innovation ecosystem, start-up supporting mechanism, establish a functional ecosystem for scouting ideas and pre-incubation of ideas and to develop better cognitive ability for technology students. Vikrant University is actively involved in organizing and conducting seminars, workshops, field trips, project exhibitions, entrepreneurship, boot camps, Idea competitions etc to foster a culture of Entrepreneurship, Innovation and Startup among its students and faculties.

#### • Vision

"To be an innovation and entrepreneurship ecosystem that generates globally competitive and sustainable startups."

#### • Mission- आशावादी दृष्टिकोण के साथ नवाचार ज्ञान शोध एवं प्रतिभा की परवरिश करते हुए महत्वाकांक्षी मानव संसाधन तैयार करना

1. Establish professional networks to support various aspects of innovation and entrepreneurship.
2. Create necessary infrastructure to develop prototypes and to incubate startups.
3. Develop startup competencies by regular training, competitions, and other related activities.
4. Establish processes which guide and validate the conversion of business ideas into sustainable startups.
5. Participate on national and global platforms to understand the competitive landscape.

### Affiliations

The university is **recognized by the UGC** and is **affiliated by the AICTE, BCI, PCI**, and the **Madhya Pradesh Private University Regulatory Commission**. These recognitions reflect our compliance with national education standards and reinforce our commitment to delivering quality, industry-relevant education across diverse disciplines.

## **About programs**

The main **objective** is to **provide quality education to the learners.**

To achieve this, we are offering **37 programs through our 05 schools/faculty** namely Engineering and Technology, Agriculture Science, Legal Studies, Pharmacy and Management & Commerce. Each department is supported by a strong academic foundation with **doctoral faculty members**, ensuring depth in teaching, research, and innovation.

Faculty	Program Name	Intake
Faculty of Agriculture Science	B.Sc. Agriculture Hons.	180
	M.Sc. Agriculture (Agronomy)	30
	M.Sc. Agriculture (Genetic & Plant Breeding)	30
	M.Sc. Agriculture (Soil Science)	30
	M.Sc. Agriculture (Horticulture)	30
Faculty of Legal Studies	LL. B.	60
	BA LL. B.	60
	LLM	150
Faculty of Management & Commerce	MBA	180
	MBA (Marketing)	60
	MBA (Financial Administration)	60
	BBA	240
	B. Com	240
	M.Com	60
Faculty of Pharmacy	D. Pharm.	60
	B. Pharm.	60
Faculty of Engineering and Technology	Diploma (Mechanical Engineering)	120
	Diploma (Civil Engineering)	60
	Diploma (Electrical Engineering)	60
	B.Tech (Civil Engineering)	90
	B.Tech (Computer Science & Engineering)	120
	B.Tech (Electrical Engineering)	30
	B.Tech (Electronics and Communication Engineering)	45
	B.Tech (Fire Technology & Safety Engineering)	30
	B.Tech (Information Technology)	30
	B.Tech (Mechanical Engineering)	90
	B.Tech (Artificial Intelligence & Machine Learning)	60

	B.Tech (Cyber Security)	60
	B.Tech (Chemical Engineering)	60
	B.Tech (Electronics and Robotics)	60
	M.Tech (Computer Science & Engineering)	18
	M.Tech (Information Technology)	12
	M.Tech (Mechanical Engineering)	9
	M.Tech (Power System)	12
	M.Tech (Structural Engineering)	24
	BCA	240
	MCA	60

### **Academic Leadership**

<b>Name</b>	<b>Designation</b>
Dr Manish Kumar Srivastava	Vice-Chancellor
Dr Vir Narayan	Dean, Faculty of Legal Studies
Dr Jay Prakash Thakur	Head of Institution, Faculty of Agriculture Science
Dr Arif Naseer	Head of Institution, Faculty of Pharmacy
Dr Rahul Kushwah	Head of Department, Faculty of Management & Commerce
Mr Anand Kumar Singh	Head of Institution, Faculty of Engineering and Technology

### **Placement**

No Batch passed out yet.

### **Convocation**

No Batch passed out yet.

## **Activities**

The Calendar Activities are distributed in four quarters. Every quarter comprises Calendar activity, and Self Driven activity. These activities are planned and conducted by the expert members for the benefit of its students and faculty members. The activity planner of each quarter and brief details of each activity are mentioned below.

S.No.	Activity Name	Date
1.	Session on Angel Investment/VC	28-Aug-24
	Funding Opportunity for Early Stage Entrepreneurs	
2.	Seminar on "Opportunities for Early-Stage Entrepreneurs and Electromagnetic Radiation Awareness Program"	28-Aug-24
3.	Innovation and Entrepreneurship Outreach Program at the Science Academy, Gwalior	31-Aug-24
4.	"Startup Idea Competition"	24-Aug-24
5.	Session on "Innovation and Startups Ecosystem for you"	23-Aug-24
6.	Session on "Turning Innovations into Businesses: Prototyping, Testing, and Launching"	28-Aug-24
7.	Demo and Mentoring Session on "Empowering Consumers: Understanding Your Rights and Responsibilities"	28-Aug-24
8.	Session on "Lean Start-Up Approaches and MVP Development in Pharmaceutical Innovation"	24-Aug-24
9.	Independence Day- Celebrating	15-Aug-23
	Aazadi Ka Amritkal	
10.	World Environment Day Celebration – Tree plantation drive	05-Jun-23
11.	"Entrepreneurship and Startup Awareness Program"- World	21-Aug-23
	Entrepreneurs Day	
12.	Seminar titled "Importance of NEP 2020"- celebration of 4 <sup>th</sup> anniversary of national education policy 2020	29-Aug-24
13.	Session on Creating and Managing YUKTI Innovation and IPR Repository (YIIR) in HEIs	02-Aug-24

14.	session on 'Guiding Framework for Creating and Engaging Trained Faculty and Student IIC Members Innovation Ambassadors (IA) in IIC Institutions and Rewarding Mechanisms for IAs'.	29-Jul-24
15.	Orientation cum Refresher's Session on Institution's Innovation Council Objectives, Structure, and Operations	05-Aug-24
16.	Session on Strengthening IIC Linkages with ATLs and SICs in Schools	31-Jul-24
17.	Participation in the 1st National Space Day Celebration at SAC, ISRO, Ahmedabad Gujrat	31-Aug-24
18.	Kargil Vijay Diwas	26-Jul-24
19.	Foam pourer system demonstration	28-Jun-24
20.	Alumni talk:-Role of startup in Viksit Bharat@2047	08-Aug-24
21.	Guest lecture on “ Road Safety Understanding and following traffic rules”	09-Aug-24
22.	Essay Competition on “Innovation in Touching Lives while Touching the Moon: India's Space Saga”	17-Aug-24
23.	guest lecture on “Managing the management career”	08-Aug-24
24.	Anubhav - Student Inspiration Dialogue Program	15-Jul-24
25.	Guest Lecture on “Role of the Youngsters in Viksit Bharat @ 2047” by DSP Santosh patel	08-Aug-24
26.	Fire Safety Awareness Campaign at Inox DB mall gwalior	13-Jun-24
27.	Quiz Competition for school students on “Innovation in Touching Lives while Touching the Moon: India's Space Saga”	17-Aug-24
28.	Guest Lecture on “Cyber Crime and Cyber Security”	08-Aug-24
29.	Poster Making and Presentation Competition for school students	17 August 224
30.	Guest Lecture on “Vedic Mathematics”	09-Aug-24
31.	“Ek Ped Maa Ke Naam” Tree Plantation Campaign	20-Jul-24
32.	International Yoga Day celebration	21-Jun-24
33.	Major project demonstration- QUADCOPTER	08-Jun-24
34.	Seminar on “Importance of Programming Education”	01-Jun-24

35.	Educational visit to the Smart City Command and Control Centre (ICCC) in Gwalior	13-May-24
36.	Mentoring Session on Construction Material Testing with UltraTech Cement Pvt. Ltd.	10-May-24
37.	Session on How to Plan a Start-up: Legal & Ethical Steps	25-May-24
38.	Workshop on Prototype/Process Design and Development	29-May-24
39.	Workshop on Business Model Canvas (BMC)	31-May-24
40.	Business Plan Competition	12-Mar-24
41.	Seminar on “Intellectual Property Rights and IP management for startup	31-May-24
42.	National Technology Day Celebration- Workshop on Hybrid Solar Power Plants	11-May-24
43.	Demonstration of Sewage Treatment Plant on World Creativity and Innovation Day	21-Apr-24
44.	Session on “Women and IP: Accelerating Innovation and Creativity” on occasion of on World Intellectual Property Day	26-Apr-24
45.	Poster Making Competition on International Women’s Day	08-Mar-24
46.	Pond Deepening Drive	16-Apr-24
47.	National Seminar on "Indian Knowledge Tradition: Cultivating Indianness in Educational Environments	18-May-24
48.	workshop on the Internet of Things (IoT)	09-Apr-24
49.	Industrial Visit to Godrej Consumer Private Limited	04-May-24
50.	Industrial Visit to “220kV substation Sitholi”	11-Mar-24
51.	Total Quality Management Event (TQM)	19- 20 April 2024
52.	National Seminar on "Exploring the Role of Ancient Indian Wisdom in Shaping Modern India.	07-Apr-24
53.	Plantation Drive	16-Apr-24
54.	Invited Talk On Entrepreneurship And Startup Culture	09-Mar-24
55.	Workshop on AMRIT 2.0 scheme at Datia Collectorate	01-Mar-24
56.	Industrial visit at AkzoNobel India Ltd. at Malanpur, Gwalior	03-Apr-24

57.	Fire awareness campaign at keshar tower, Gwalior	04-May-24
58.	Industrial visit to Central Laboratory, Bureau of Indian Standards, Ghaziabad (U.P.)	28-Mar-24
59.	Installation and demonstration - Automatic CO2 fire suppression system by students at VU	27-May-24
60.	Training on Fire Hydrant System	29-May-24
61.	Vikrant University Students' Visit to Scindia Kanya Vidyalaya (SKV), Gwalior	05-Mar-24
62.	Seminar on “Achieving Problem Solution Fit and Product Market Fit.”	27-Feb-24
63.	Educational Visit to Smart City Gwalior to explore smart city projects and Intelligent Traffic Management System (ITMS)	21-Feb-24
64.	Workshop on Government Schemes & Initiatives for Entrepreneurship	24-Feb-24
65.	Workshop: Design Thinking, Critical Thinking, and Innovation Design	01-Mar-24
66.	Poster presentation competition on "Electrifying Discoveries: Unraveling the wonders of Electrical and Electronics Engineering."	27-Feb-24
67.	Seminar: "Energy Management: Bridging Innovation, TRL, and Commercialization	03-Dec-23
68.	Orientation Session on Atal Tinkering Labs (ATL) for Students of R S Convent School	29-Feb-24
69.	Innovative Idea Presentation Competition	29-Feb-24
70.	National Energy Conservation Day Celebration- Rikshaw Run	14-Dec-23
71.	Seminar on “channelizing youth power for nation building” under the celebration of National Youth Day 2024	12-Jan-24
72.	Round Table Interaction with startup support network on “National Startup Day”	16-Jan-24
73.	National Science Day celebration: Knowledge Sharing Session on the Raman Effect	28-Feb-24
74.	Celebration Of National Pollution Control Day: Demonstration Of Solar Energy Projects	02-Dec-23
75.	Inauguration Ceremony of "Viksit Bharat @2047: Voice of Youth"	11-Dec-23
76.	Participation in IIC Regional Meet 2023-24: "Innovative Bharat"	27-Jan-24

77.	Industrial Visit to *The Supreme Industries Pvt. Ltd.*	29-Feb-24
78.	Seminar on "Solar Energy Storage Solution: Challenges and Innovations"	27-Feb-24
79.	Guest lecture on "Multi-Criteria Decision Making"	24-Feb-24
80.	Webinar on “Outcomes of Career/Startup Opportunities for Students in 2024,”	30-Jan-24
81.	Workshop titled "Application of Advanced Analytics in Sports Media"	05-Feb-24
82.	Seminar on “latest technology trends and Laboratory visit” for school students.	17-Jan-24
83.	Sanrachna-6 (A Student Development Program)	19-Feb-24
84.	Poster presentation competition	23-Nov-23
85.	An industrial visit to TEVA Pharmaceuticals, located in Malanpur	29-Oct-23
86.	Webinar on "Problem Solving and Ideation	28-Oct-23
87.	Workshop on "Entrepreneurship and Innovation as a Career Opportunity"	09-Oct-23
88.	"My Story: A Motivational Session by Mr. Muddit Thakkar"	30-Nov-23
89.	My Story: A Motivational Session by Dr. Shirish Limaye	17-Oct-23
90.	Annual Tech Fest – Athena 2023 : "Igniting Ideas, Inspiring Innovation"	8-9 November 2023
91.	National Education Day Celebration: A seminar on "Emerging Trends in Educational and Research Quality"	11-Nov-23
92.	Celebration of Entrepreneurship Day: Seminar on "Entrepreneurship and Innovation.	09-Nov-23
93.	Innovation Day Celebration - Demonstration of Self-Healing Concrete Cubes	16-Oct-23
94.	Establishment of the Centre of Excellence at Vikrant University	23-Sep-23
95.	Kon Banega Lakhpati” Quiz Competition	30-Sep-23
96.	Samwad" - A Student Development Program	25-Nov-23



## **Vikrant University Awards and Rankings**

Through continuous efforts, Vikrant University has gained a strong reputation for academic excellence and has received numerous prestigious awards and accolades. These include the Captain of Industry Award by the Government of Madhya Pradesh, the Global Innovation Award (UAE), the Global Education Award (Haryana), and the Eminence Award (M.P.),

Vikrant University has been honored with the esteemed title of “Best University for Sustainable Future Education” by the Indian Institutional Ranking Framework (IIRF), acknowledging our commitment to sustainability and forward-looking educational practices.

Vikrant University recently achieved an outstanding milestone by ranking 1st in Madhya Pradesh and 5th in India under the Emerging University Ranking 2024 survey by the Indian Institutional Ranking Framework (IIRF).

Adding to these accolades, the School of Engineering and Technology at Vikrant University has been rated 4.5 out of 5 by the renowned Three Best Rated rating agency, further affirming our excellence in engineering education.

These remarkable accomplishments are a testament to the visionary leadership, academic dedication, and tireless efforts of our faculty, staff, and students.

### **Memorandum of Understanding:**

Vikrant University has demonstrated its commitment to fostering innovation and entrepreneurship among its students by actively engaging in numerous national and international Memorandum of Understanding (MoUs). These agreements not only underscore the university's dedication to providing a holistic educational experience but also serve as a testament to its global outlook. By partnering with institutions and organizations from across the world, Vikrant University aims to provide its students with a platform to explore innovative ideas and entrepreneurial ventures. These collaborations will not only impart theoretical knowledge but also offer invaluable industrial exposure, preparing the students for the challenges of the real world and equipping them with the skills needed to thrive in the ever-evolving global marketplace.

List of MOU'S are as follows:-

<b>S. No</b>	<b>Industry Name</b>	<b>Date Of Signing</b>
1	Coding Ninja	18 June 2024
2	Data flair	22 June 2024
3	MSME Technology centre, Indore	5 March 2024
4	Middlesex university, dubai	23 June 2023
5	Virtual lab, IIT Delhi	18 June 2024

6	Macraan Telecom Service Private Limited	29-Apr-23
7	Teknobit Solutions Inc	21-Feb-23
8	Supreme Industries Pvt Limited	25-Apr-23
9	Vyom Vista	23-Mar-23
10	Omcara India Pvt Ltd	04-May-23
11	Godrej Consumer Products Ltd, Malanpur	15-Apr-23
12	Nitin Packaging Pvt. Ltd.	11-Oct-21
13	Saffron Transformer Components Private Ltd	09-Oct-23
14	Prakash Packaging Pvt. Ltd.	11-Oct-21
15	Ps Soil Advertising LLP	22-Aug-20

### **Establishment of the Centre of Excellence at Vikrant University**

The establishment of the Centre of Excellence (CoE) at Vikrant University marks a significant milestone in the institution's ongoing commitment to advancing research, innovation, and academic excellence. The CoE is envisioned to be a hub of interdisciplinary collaboration, cutting-edge research, and the promotion of industry-academia linkages. This report details the objectives, scope, structure, and key initiatives of the Centre, highlighting its potential to foster skill development and contribute to national and global innovation.





**GLIMPSE OF EVENTS AT VIKRANT UNIVERSITY, GWALIOR**











































