



**VISHWAKARMA
UNIVERSITY**

Maximising Human Potential

University Grants Commission (UGC) Approved State Private University
Listed with Association of Indian Universities (AIU)



ANNUAL REPORT 2017-18





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Annual Report 2017 - 18

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Annual Report Committee

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Prof. Dr. Yuvraj Lahoti	Member
Prof Dr. Chetan Kapadnis	Member
Prof. Amol Randive	Member
Prof. Sandip Kulkarni	Member
Mr. Ajay Shigwan	Member
Mr. Sandip Bhartakke	Member



Maximising Human Potential

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**MESSAGE FROM
THE DESK**

01

MESSAGE FROM PRESIDENT

Mr. Bharat Agarwal
President



Education is a pivotal for transforming one's life and the society as a whole. It is a journey of inquiry, learning, and maximizing the human potential that has enormous implications for the world around us. True education is deeply rooted in ethics, moral and social values in every student. Sound and quality education is imperative for social and economic growth. Education enhances societal well being and makes society flourish to support a country to truly prosper.

MESSAGE FROM VICE-PRESIDENT

Prof. (Dr.) Wasudev Gade
Vice President



The technological advancement has rapidly changed educational ecosystem for every stakeholder. We have an immense responsibility towards society in this dynamic world. The real objective of an educational institute should be teaching students to analyse life and it's meaning. Education should give wings to the ideas and aspirations of the students and inculcate the industrious attitude. This can be achieved only if students are exposed to programs that are research intensive, and underpinned by cutting edge innovation as well as social relevance.

In its truest sense, education is an ecosystem that helps students follow their natural curiosity and unravel their own unique career paths.

MESSAGE FROM VICE-CHANCELLOR

Prof. (Dr.) Siddharth Jabade
Vice-Chancellor



We are living in a ever transforming world, a dynamic society, developing swiftly. The impact of science, technological development and research on our daily life is vibrant and well desired.

A large Indian population is making inroads into higher education every year. The educational institutions have to rise to the challenge of bridging the gap between academia and industry. To do so, it is essential we create a vital and enriching teaching-learning culture that inspires innovation and entrepreneurship. Traditional pedagogies need to be reassessed to facilitate a more interactive and transdisciplinary and cross-cultural learning experience for wholistic development of a student.



VISION, MISSION & VALUE

Vision, Mission and Value Statement

Vision

To co-create human, intellectual and socio-economic capital par excellence, for the nation and the globe.

Mission

To emerge as a Global Knowledge Enterprise in the Asia Pacific Region.



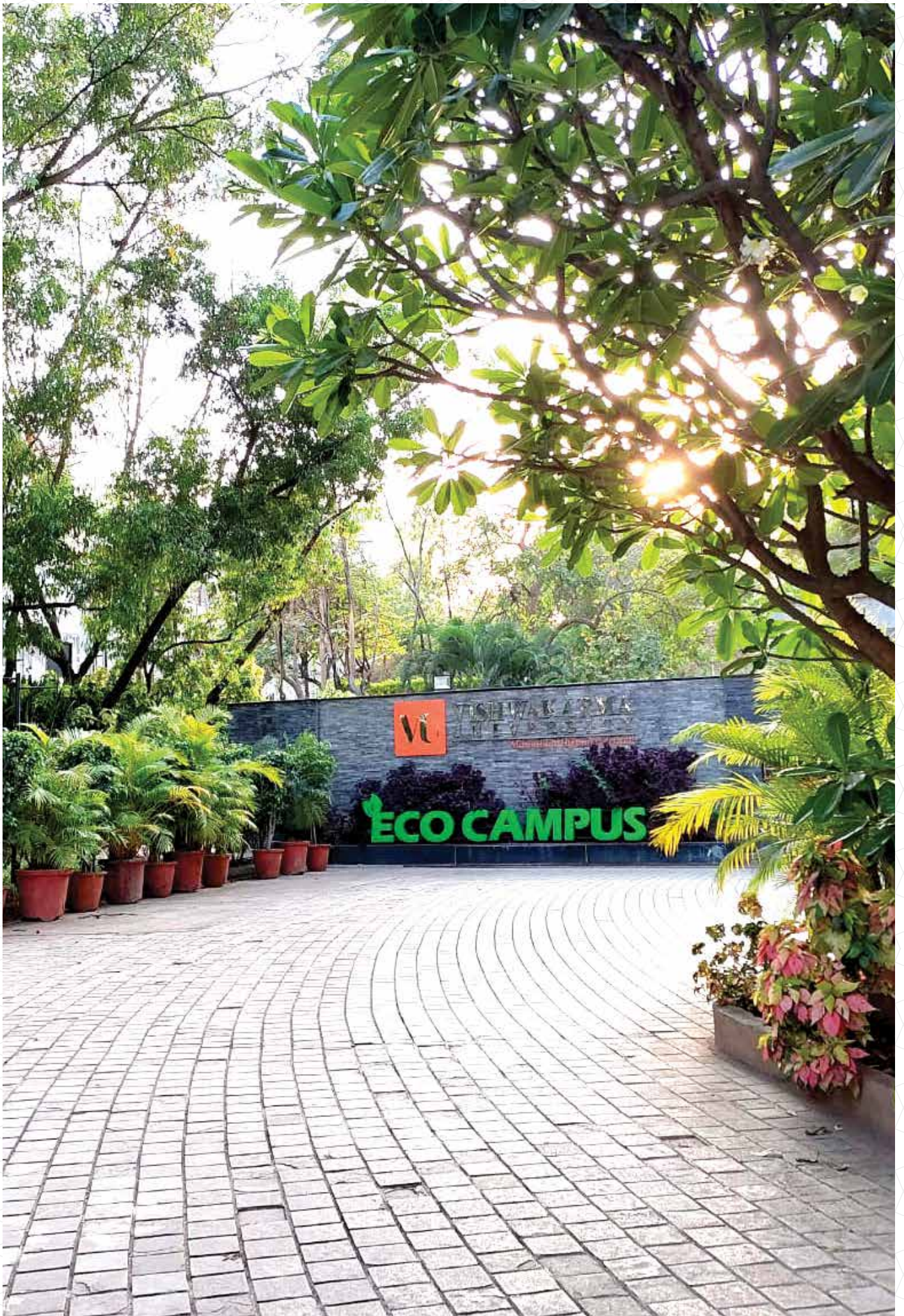
The Vishwakarma University, Pune

Vishwakarma University, Pune (VU) is a natural offshoot of the Vishwakarma Group of Institutions' educational legacy spanning more than 35 years. The University has been established as a State Private University through Maharashtra Government Act in the year 2017. Being UGC approved, VU is authorized to design and implement its curriculum, conduct examinations, and award degrees.

Vishwakarma University is Member of Association of Indian Universities (AIU, New Delhi).

The University focuses on academic excellence, positively impacting the student community and the society at large. The learning model at Vishwakarma University is the combination of knowing, practicing, performing, and reflecting. The "learning by doing" approach practiced through industry participation provides an opportunity for practical and pragmatic learning to students.

Through a contemporary curriculum and ecosystem of holistic development, the university aims to prepare learners for fulfilling career paths.





VU LEGACY

03

VU Legacy

Vishwakarma Group of Institutions

Vishwakarma Institutes (VI) embody the vision of the Vishwakarma Group to create social wealth through the creation of quality human capital and a sharp focus on value creation for all its stakeholders through its academic endeavors.

The Vishwakarma Institutes caters to diverse economic strata and the diversity continues in the programmes being offered. The mission of influencing practice and promoting value-based growth is derived by imparting high-quality services at the educational institutions through continuous innovation and pioneering programmes. It is, therefore, a partner of choice for international institutions as well as corporations.

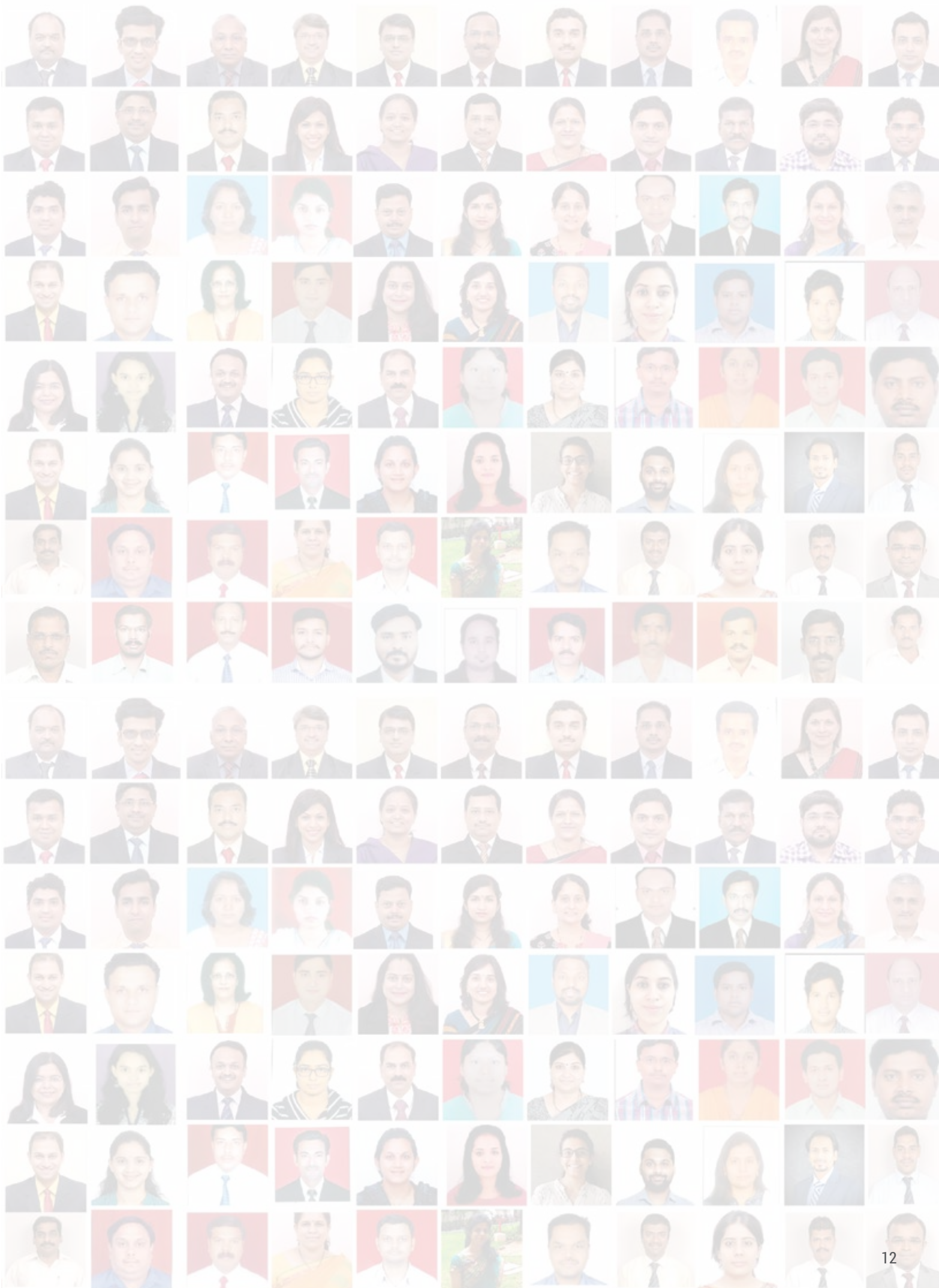
The first educational venture, Vishwakarma Institute of Technology (VIT) was established in 1983. Vishwakarma Vidyalaya came up in 1986, followed by a series of educational institutes in the subsequent years. Presently, Vishwakarma Group has 17 educational institutes comprising engineering, management, science, schools, and value-added programmes with 17,000 student enrollments and more than 2000 full-time employees.

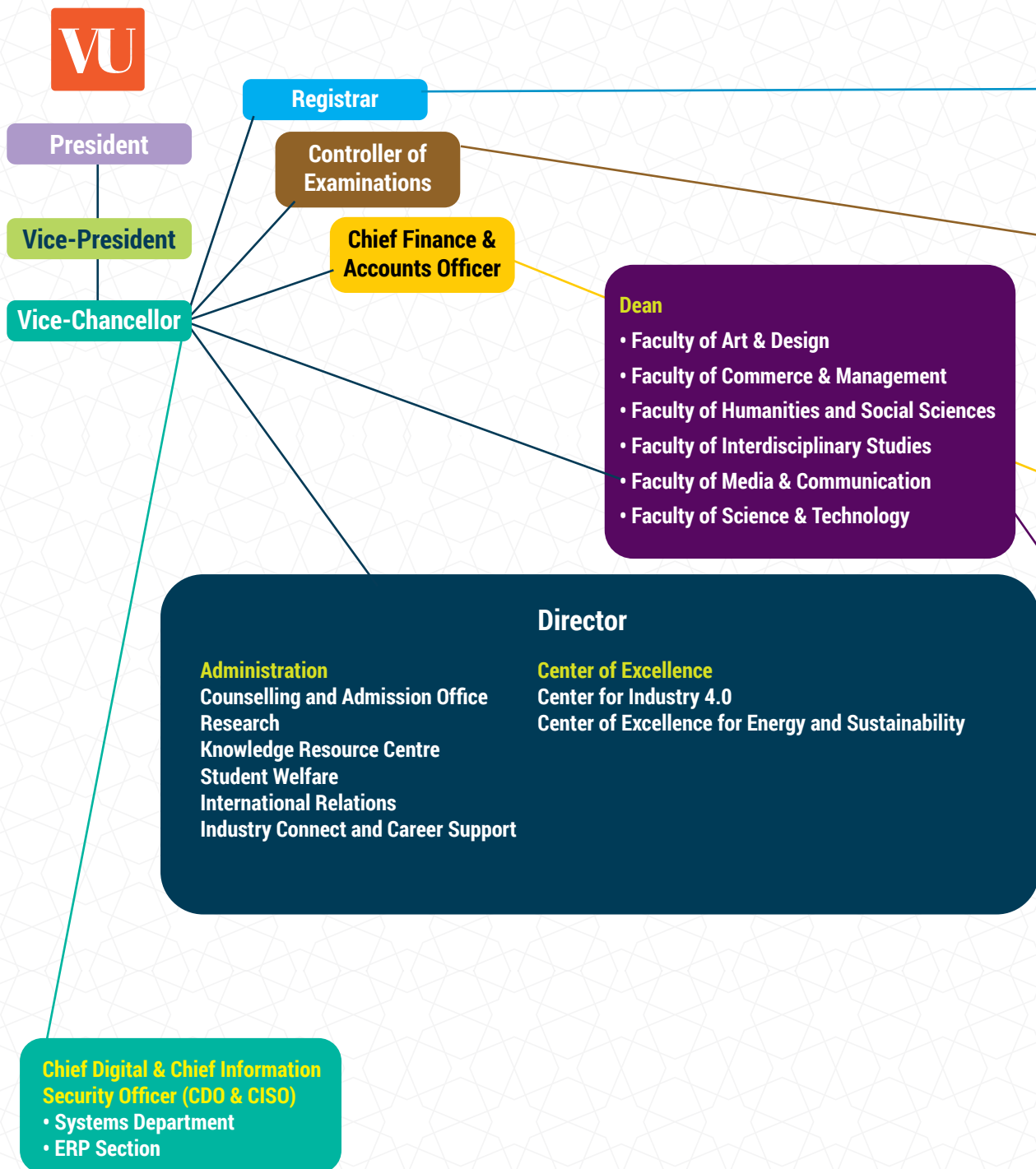




VU ORGANIZATIONAL STRUCTURE

04





Deputy Registrar

- Administration
- Establishment
- Public Relation Office
- Records & Meetings
- Campus Management
- Student Facilitation Centre

- Assistant Registrar
- Section Officer
- Assistant Section Officer
- Senior Assistant (Clerk)
- Junior Assistant (Clerk)

- Deputy Registrar
- Assistant Registrar
- Section Officer
- Assistant Section Officer
- Senior Assistant (Clerk)
- Junior Assistant (Clerk)

- Deputy Registrar
- Assistant Registrar
- Section Officer
- Assistant Section Officer
- Senior Assistant (Clerk)
- Junior Assistant (Clerk)

Director of School

- School of Art
- School of Design
- School of Management Sciences
- School of Commerce
- School of Social Sciences
- School of Integrated Education
- School of Journalism & Mass Communication
- School of Communication Studies
- School of Engineering & Technology

Head of Department

- Department of Fashion
- Department of Animation
- Department of Interior Spaces
- Department of Design
- Department of Administration
- Department of Management
- Department of Commerce
- Department of Psychology
- Department of Professional Studies
- Department of Journalism & Mass Communication
- Department of Mechanical Engineering
- Department of Computer Engineering

Faculty Member

Officers of the University

Sr. No.	Name of Deans	Post	Faculty
1	Dr. Wasudev Namdeo Gade	Vice President	Vishwakarma University
2	Dr. Siddharth Kantilal Jabade	Vice Chancellor	Vishwakarma University
3	Dr. Kedar Damodar Sant	Registrar	Vishwakarma University
4	Dr. Yuvraj Lalitkishor Lahoti	COE	Vishwakarma University
5	Dr. Kailas Raosaheb Patil	CDO	Vishwakarma University
6	Dr. Sheetal Deepak Naik	Director	Knowledge Resource Centre, VU
7	Dr. Umesh Bhaskar Patwardhan	Additional charge of Director	Admissions, VU
8	Dr. Chetan Vasanttrao Kapadnis	Director	Centre for Professional excellence in engineering, VU
9	Dr. Kailas Raosaheb Patil	Director	EcoCampus, VU
10	Dr. Kailas Raosaheb Patil	Director	International Relations, VU
11	Dr. Sunil Dhondopant Doke	Director	Research, VU
12	Dr. Chetan Vasanttrao Kapadnis	Deputy Director	Admissions, VU

Deans of the University

Sr. No.	Name of Deans	Post	Faculty
1	Dr. Avadhut Murari Atre	Dean	Faculty of Art, Design & Architecture (ADA)
2	Dr. Pratiksha Milind Wable	Dean	Faculty of Commerce, Management & Law (CML)
3	Dr. Umesh Bhaskar Patwardhan	Incharge - Dean	Faculty of Humanities and Social Science (HSS)
4	Dr. Sunil Dhondopant Doke	Dean	Faculty of Interdisciplinary Studies
5	Dr. Avadhut Murari Atre	Incharge - Dean	Faculty of Journalism, Media & Communication
6	Dr. Yogesh Dattatray Deshpande	Dean	Faculty of Science, Technology, Engineering, Mathematics & Statistics (STEM).

HOD's of the University

Sr. No.	Faculty	Name of the Department	Name of the Appointed Faculty Members
1	Art & Design	Department of Fashion Design	Mrs. Reena Sanjay Pandey
2	Science & Technology	Department of Engineering Science	Mrs. Maya Mahesh Kurulekar
3	Humanities and Social Science	Department of Library Science	Dr. Sheetal Deepak Naik
4	Law	Department of Law	Ms. Sarika Sagar
5	Art & Design	Department of Product Design	Mr. Nishant Kamboj
6	Science & Technology	Department of Computer Engineering	Mr. Noshir Zal Tarapore
7	Journalism, Media & Communication	Department of Journalism & Mass Communication	Mr. Vaibhav Madhukar Thakare
8	Humanities and Social Science	Department of Psychology	Ms. Jiyaa Pankaj Khatri
9	Interdisciplinary Sciences	Department of Professional Studies	Dr. Radhakrishna Bhaskar Batule
10	Interdisciplinary Sciences	Department of Vocational Studies	Dr. Radhakrishna Bhaskar Batule
11	Science & Technology	Department of Mechanical Engineering	Mr. Pranav Shriniwas Dhaneshwar
12	Commerce & Management	Department of Business Administration	Dr. Jayashree Nitin Vispute
13	Science & Technology	Department of Computer Science	Dr. Prasad Kishor Gokhale
14	Humanities and Social Science	Department of Economics	Mr. Amol Parmeshwar Kamble
15	Art & Design	Department of Graphic Design	Mr. Prashant Sharadchandra Acharya
16	Art & Design	Department of Interior Design	Mr. Rahul Suresh Honrao
17	Art & Design	Department of Design Fundamental	Mrs. Rakhi Girish Charwad

Internal Complaint Committee

Sr. No.	Name	Designation	Role
1	Dr. Jayashree Vispute	Faculty Member	Chairperson
2	Ms. Kiran Moghe	NGO/ Association for Women	External Member
3	Prof. Vaishali Wagh	Faculty Member	Member
4	Prof. (Dr). Yuvraj Lahoti	Faculty Member	Member
5	Prof. Radhakrishna Batule	Faculty Member	Member
6	Dr. Sheetal Naik	Staff Member	Member
7	Prof. Vijaya Hake	Faculty Member	Member Secretary

Grievance Redressal Committee

Sr. No.	Name	Designation	Role
1	Prof (Dr.) Siddharth Jabade	Vice-Chancellor	Chairman
2	Prof (Dr.) Sunil Doke	Dean (IDS)	Member Nominated by BoM
3	Prof (Dr) Avadhut Atre	BoM Member	Member Nominated by BoM
4	Prof (Dr) Chetan Kapadnis	BoM Member	Member Nominated by BoM
5	Prof. Makarand Puri	Faculty Member	Member Nominated by VC
6	Ar. Nalini Nandraj Naik Nimbalkar	Faculty Member	Member Nominated by VC
7	Mr. Ajay Shigwan	Staff Member	Member Nominated by VC
8	Prof. Reena Pandey	Faculty Member	Member Nominated by Academic Council
9	Prof (Dr.) Kedar Sant	Registrar	Member Secretary

Anti-ragging Committee

Sr. No.	Name	Designation	Role
1	Prof. Radhakrishna Batule	Faculty Member	Director Board of student welfare
2	Prof. Kailas Bhosale	Faculty Member	Reservation Member
3	Prof. Reena Pandey	Faculty Member	Female Member
4	Prof. Umesh Patwardhan	Faculty Member	Member
5	Dr. Sheetal Naik	Staff Member	Female Member
6	Mr. Vishal Pattar	Non-teaching Staff	Member Secretary

Reservation Cell Committee

Sr. No.	Name	Designation	Role
1	Prof. Kailas Bhosale	Faculty Member	Chairman
2	Prof. Radhakrishna Batule	Faculty Member	Member
3	Prof. Vijaya Hake	Faculty Member	Member
4	Prof. (Dr.) Chetan Kapadnis	Faculty Member	Member
5	Mr. Manoj Giri	Nonteaching Staff	Member Secretary

Reservation Grievance Redressal Committee

Sr. No.	Name	Designation	Role
1	Prof. Kailas Bhosale	Faculty Member	Chairman
2	Prof. Radhakrishna Batule	Faculty Member	Member
3	Prof. Vijaya Hake	Faculty Member	Member

Student Disciplinary Committeez

Sr. No.	Name	Designation	Role
1	Dr. Umesh Patwardhan	Faculty Member	Chairman
2	Dr. Avadhut Atre	Faculty Member r	Member
3	Mr. Kailas Bhosale	Faculty Member	Member
4	Mrs. Reena Pandy	Faculty Member	Member
5	Ms. Jiyaa Katri	Faculty Member	Member
6	Dr. Radhakrishna Batule	Faculty Member	Member Secretary





INFRASTRUCTURE

05

Summary of VU Infrastructure

- Research/PhD Section
- Psychology Lab
- Computer Lab
- Computer Centre
- E & TC /Electrical lab
- Mechanical lab
- Drawing Hall
- Paint workshop
- Carpentry workshop
- Laser cutting & 3D printing
- Clay & ceramic workshops
- Dying & printing
- CNC & Milling
- Craft studio
- Metal workshop
- Post Production Cabins
- Studios
- Photography Studios
- Fashion Studios
- Fashion Studios and Ramp
- Pattern making studio
- Sewing Lab
- Design thinking studio
- Animation studio
- Library
- Eventorium
- Auditorium
- Board Room
- Sports ground
- Open gym
- Canteen
- Medical facility
- ATM
- Bank
- Ambulance facility
- Stationary Store
- Xerox Centre
- Yoga center

ECO-campus and Living-Lab

Vishwakarma University campus is a “Living Laboratory” or “Testbed” for research and development of new technologies. Eco-campus focuses on the demonstration of projects which showcase state-of-the-art technologies and solutions addressing real-life problems. Additionally, it involves the performance of various types of buildings by doing energy modeling and suggesting energy conservation measures. The Vishwakarma University campus spans across 22 acres and has more than 9 buildings. Apart from academic (lecture theatres, laboratories) and administrative buildings, the commercial outlets add to the diversity of the building typology on the campus. Some new building are being added to the campus that allow eco friendly technologies to be integrated in the buildings right from the design and the planning stage.

a. Library- The focal point of the campus that houses thousands of books across disciplines and consists of reading rooms, discussion rooms, reference rooms and computer lab amongst others.



b. Variety of conference rooms, seminar rooms and traditional classrooms allowing greater versatility in its usage. Group work with individual attention to students such that they become active listeners and contributors in the class are the hallmarks of the design elements.



c. Labs at Vishwakarma University provide spaces for research and experiments. The spaces include workbenches with counter tops along with lab equipment and apparatus for conducting controlled experiments.

d. Performing art centre for students learning theatre, music, dance and film & television. Its open and flexible architecture also allows an auditorium setting. It serves as a venue for all major cultural activities and community gatherings.





f. Recording Studio that hosts facilities for sound recording and mixing. The recording and monitoring spaces have impeccable acoustic properties isolating and diffusing sound that could otherwise interfere with the recording. It also houses a preview theatre that allows our film and television students to identify opportunities to improve their film

g. Amphitheatres with Multiple open air amphitheatres are used for performances, recreation gatherings and conducting classes. They are steeply graded for optimizing views and sights. Panel discussions and guest lectures are also conducted



h. Since the students, faculty, and staff spend a considerable and valuable time on campus, Vishwakarma University provides amenities such as an ATM, Stationery store, eateries etc.



i. Sports infrastructure- At Vishwakarma University, students are provided adequate and equal opportunity to blend sports and fitness into their personal growth and development. Sports are mandatory for all students. Competitive sports are organized at inter-house and inter-institute level in as many as 14 disciplines covering indoor as well as outdoor games.



Hostel

Separate accommodation and food facility for Boys and Girls on a first come first serve basis. Boys Hostel (Grade A & B) with capacity more than 140 Beds and Girls Hostel with capacity more than 70 Beds. Additionally, we provide transportation for the students to and fro Hostel.





ACADEMIC PROGRAMMES

06

Sr. No.	Regulatory Body	Programme(s)
1	AICTE	B. Design
2	AICTE	B. Tech – Computer, Mechanical Engineering
3	AICTE	MBA
4	UGC – 12B	All



विश्वविद्यालय अनुदान आयोग
University Grants Commission
 quality higher education for all





**FACULTY OF
ART & DESIGN**



Department of Design

Design education at the Department of Design, Vishwakarma University is all-encompassing and coexists in an active triadic relationship with design education, design research and design practices. Pedagogy, followed in the design domain, explores various dimensions in exploratory research and innovation in a defined process. Creative practices at the department entail a strong connection between the hand, the mind and the eyes. This critical approach to design demands clear conceptual thinking, along with the skills and craftsmanship to translate ideas into a tangible experience. The department endeavours to promote long-term interaction and develop a symbiotic relationship between academia, live industry projects and government bodies.

Bachelor of Design in Graphic Design/ Product Design/ User Experience Design

The B.Des. programme at the Faculty of Art & Design at Vishwakarma University, Pune aims to shape the students to create a vision for the future with an interdisciplinary approach. The programme offers degrees in three domains- Graphic Design, Product Design, and User Experience Design. Design is a continuous process of observation, experimentation, and creation. Design education at the Faculty of Art & Design, VU, Pune is all-encompassing and coexists in an active triadic relationship with design education, design research, and design practice. Designers communicate through their ideas created by combining visuals, text, colours, and symbols.

These courses demand clear conceptual thinking, along with the skills and craftsmanship to translate ideas into beautifully executed work. The programme aims to develop the knowledge to solve the problems creatively and to encourage a spirit of innovation in the industry. It endeavours to promote a long-term interaction and develop a symbiotic relationship between academia, industry, and government bodies.

Master of Design in Graphic Design/ Product Design/ User Experience Design

The course at Vishwakarma University, Pune is aimed at developing the knowledge, skills, abilities, and aptitude in students to encourage them to creatively solve problems and develop a spirit of innovation in the industry. The programme endeavours to promote a long-term interaction and develop a symbiotic relationship between academia, industry, and government bodies. The programme offers three specializations including Graphic Design, Product Design, and User Experience Design.

Graphic Design programme focuses on visual hierarchy, typography, and pictures to create messages that are visually appealing and easy to understand.

At our Product Design Course, we equip our students with a wide range of design skills and thought processes that allow them to articulate their design ideas and thinking.

User Experience Design Course exposes the young learners to the various digital and research tools and the critical and creative concepts that will help design an excellent experience.



Department of Fashion Design

Fashion design is the art of applying design, aesthetics, clothing construction and natural beauty to clothing and its accessories. Set up in 2017, the Department of Fashion of Vishwakarma University is an acclaimed place for Fashion education in Pune that aims at educating individuals to be creative and responsible designers who will be competent to handle diverse areas of need/ situations in today's highly competitive and diverse Apparel Design Industry. The department facilitates project-based teaching and learning and incorporates traditional rural craftwork by working with indigenous rural artisans via the cluster program. The Department is well equipped with a state-of-the-art fashion studio and Centre of Excellence in Design Thinking and Innovation. The Department offers internships and live projects. It adopts an innovative and integrated approach, global practices followed across the domains of textiles and fashion.

Bachelor of Art in Fashion & Apparel design

The Fashion Design Course curriculum is based on a design sensitization that balances global fashion aesthetics with an Indian soul. It addresses the needs of the export market as well as both couture and prêt-à-porter in India. Holistic inputs on a generic design with a focused approach towards apparel inculcate the ability to develop and channelize creativity. A sequential hands-on experience enables students to conceptualize design, pattern making, draping, and construction of the garment of impeccable quality. The course incorporates traditional rural craftwork by working with indigenous rural artisans via the cluster program. Students gain valuable insight into the broad spectrum that Indian fashion encompasses through internships at leading fashion houses/ manufacturing units to improve knowledge and overcome the practical challenges faced. This versatility is evident in the final year through the graduating fashion collections, conceptualized and constructed by the students at the Design Collection showcase.

Master of Art in Fashion & Apparel Design

The Fashion Design Post Graduation course educational plan depends on a plan sharpening those offsets worldwide style feel with an Indian soul. All-encompassing contributions on a nonexclusive plan with an engaged methodology towards attire instil the capacity to create and channelize imagination. A consecutive active encounter empowers students to conceptualize configuration, design making, and development of the article of clothing of flawless quality. The course aligns customary country craftwork by working with native rustic craftsmen through the bunch program.

Students acquire an important understanding of the wide range that the Indian style incorporates through temporary positions at driving design houses/fabricating units to improve information and defeat the down-to-earth difficulties confronted. This adaptability is clear in the last year through the graduating style assortments, conceptualized and built by the students at the Design Collection graduation.



Department of Interior Space



The Department of Interior Spaces was established under the School of Art and Design, Faculty of Interior Spaces as a progressive design studio for design research & learning. The department has started with a three-year degree programme of Bachelor of Interior Design and Decoration and a master program in Interior Design and Decoration in 2017. This programme is designed to equip students with the essential knowledge to design-built environments and research in terms of learning and implementation. We strive to edify future designers keeping pace with the requirements of the profession.

Bachelor of Art in Interior Design

The Interior Design programme focuses on a student-centred teaching and learning environment. In a technologically transforming ecosystem where design problems are multiple and challenges are inevitable, our course encourages students to take creative risks. They design spaces that incorporate real-world requirements with innovative solutions, to shape holistic spatial experiences. Mentoring by industry experts and live projects are designed to enhance the skills and learnings of students. This interior design course aims to develop the ability to be creative, conceptualize, and detail functional and aesthetic spaces in which the final design solutions may not be singular, but divergent. As a highly competitive program, portfolio reviews are conducted at various levels within the curriculum to determine a student's entrance and continuance. As an interior design college, we prepare students to enter the design profession with a strong work ethic and a comprehensive portfolio. In-depth study of the technical, design process and studio techniques required to integrate individual preferences is what will be taught in our Interior Design Course. Learners are adaptable and well equipped to navigate through a constantly evolving future.

Master of Art in Interior Design

The MA Interior Design programme at Vishwakarma University, Pune prepares students for a senior or management role in the design industry. Studying innovative technology for interiors, understanding and staying updated with trend forecasting, and designing interiors for different cultures and suitability is part of the MA Interior Design Course. Admission to our institute will help students understand the creative construction of interior spaces and the correct representation of a concept. The MA Interior Design programme focuses on providing a student-centric teaching and learning environment. A holistic interior design course ensures that the students are provided with a variety of experiences that build their design knowledge and skills.

Departments of Animation

In the modern times, Animation and VFX have taken a role of great significance in all disciplines which has created a wide pool of career opportunities

The Department of Animation was established in 2017 under the Faculty of Art and Design. The Department offers 3-year UG and 2-year PG programmes in Animation and Multimedia, which seeks to develop within the students the relevant skill sets utilized in design and Animation technologies. The focus is on understanding the modern trends in Animation and Multimedia as well as motion graphics. The state-of-art infrastructure of the department includes the computer laboratories, studios along with a designated film studio where students can learn the practical aspects of 2D graphic design, 3D animation, stop motion, 2D Animation, photography, new experimental animation, sound, video editing and VFX etc We are sure that our teaching methodologies will shape our students with an apt understanding of technology and creativity as well as innovation which makes them highly effective within the industry.

Bachelor of Art in Animation & Multimedia

The Media and Entertainment industry in India is not only rapidly growing but also undergoing major changes in terms of how it communicates with its audience. The BA (Animation and Multimedia) course at Vishwakarma University, Pune is unique as it focuses on creating a strong foundation in the art and technique of animation. Students receive instruction through a powerful integration of projects, classroom theoretical instruction, film screenings and analyses, workshops, and interaction with industry professionals.

Our award-winning animation and multimedia programme differs radically from most animation programmes in that we teach the full spectrum of production methods with block teaching, demonstrations and workshops by experts. From clay handling to gaining drawing mastery, students learn to use both cameras and CGI. They work individually or in a team to make films, documentaries and installations. The programme combines classical animation technique with innovative technologies that results in a distinctive advantage.

Master of Arts in Animation & Multimedia

The Master of Arts (Animation & Multimedia) is a two-years, 82 credit post-graduate degree programme of Vishwakarma University (VU) Pune. The domain of Animation & Multimedia focuses on Animation and E-Learning, web Design, 2D and 3D Animation- Lighting & Rendering with special Effects, Design Game in Unity platform.

This programme is aimed at familiarizing students with various advanced approaches, methods and techniques of Animation & Multimedia. The aim is to emerge as a Centre of Excellence for Animation training in India by continued research & development, acquiring global knowledge and imparting quality teaching, tools and content to aspiring students and developing them to be the best masters in the animation and IT industry.





**FACULTY OF
COMMERCE &
MANAGEMENT**



Commerce & Management

An abode for students and faculties of various diversities the Commerce and Management Department, Vishwakarma University promises to give one of the best learning experiences to forward-looking enthusiasts at par with the current industrial requirements of the country. Giving more emphasis to practical learning, listening to the delegates of the corporate world, understanding the practical market has always been a practice of the Department apart from the highly well-structured classes that not only make the student thrive at their work but also opens for them the door to better placements in various sectors of Commerce and Business industries. With an aim to touch and flourish the lives of every single stakeholder associated, the Commerce and Management Department, Vishwakarma University believes and maintains the process of continual improvement in the Research, Teaching and Learning process and promises to do the same for the times to come.

Bachelor of Business Administration

BBA is an undergraduate degree programme designed to provide students with essential knowledge in the field of Business Management viz. Marketing, Finance, Human Resource, Operations, Supply Chain and other functional business areas.

The BBA programme at VU provides a framework, where students can choose from the basket of courses leading to different stream specializations. The flexibility of choices results in the award of a general BBA degree or BBA with Major / Minor specialization. Through classroom training and practical exposures (case studies, internships, projects, industrial visits, interaction with experts from the industry, etc.), BBA students learn the modern tools and techniques and gain managerial abilities.

Master of Business Administration

The MBA programme is designed to provide a holistic view of business along with essential knowledge in its functional areas. The focus is on developing the necessary analytical skills, interpersonal skills along with data management and diagnostic problem-solving skills, essential for managerial and business decision-making. The MBA programme at VU builds a holistic perspective through a dynamic learning model and through practical experience. It aims at enhancing student's ability to integrate conceptual business knowledge and management techniques and apply it to real-world business situations.

The programme ensures theoretical and practical learning in a true multi-disciplinary environment that deepens connections between domains and promotes overall learning. The structure of the MBA course structure is designed to give students the best corporate exposure. The programme acquaints students with global aspects of business and also sensitizes them to social issues. The classroom teaching helps them to become the leaders of tomorrow, in the specialization of their choice.





**FACULTY OF
HUMANITIES &
SOCIAL SCIENCE**



Department of Psychology

The department of psychology was established in 2017 to cater to postgraduate specialization courses in psychology. Today we are a department of more than 150 students from across India taking up graduate and undergraduate courses at our department.

The department has a fully equipped psychological testing lab, digital infrastructure and faculties coming from all specializations in psychology. The department aims to become research-oriented and socially conscious and strives to deliver the best of psychology professionals to society.

Master of Art in Psychology

The MA in Psychology will provide students the knowledge which would help them to design, conduct, analyse, and interpret data for a psychological research study & demonstrate the ethical principles of research in psychology. Exposing students to high-level applied, active learning experiences in psychology involving research and clinical practice is an integral part of MA Psychology. Taught by a faculty with strong research orientation and field experience, the psychology course at Vishwakarma University offers a perfect balance of academic development and clinical training.

The program aims at exposing the students with both theoretical and practical knowledge of Clinical, Counselling, and Industrial with hands-on experience in the field through varied internships. The program also provides research-oriented knowledge and guidance allowing the student to design, conduct, analyse and interpret data for a psychological research study. We encourage our students to publish at national and international conferences.



FACULTY OF MEDIA & COMMUNICATION



Department of Journalism and Mass communication

The Department of Journalism & Mass Communication was set up in the year 2017 as per UGC guidelines and imparts two full-time degree programmes in media. A 3-years full-time Bachelor's of Journalism & Mass Communication and a 2-years full-time Master's of Journalism & Mass Communication. For the courses in Journalism, both the programmes draw from UNESCO prescribed syllabus. The other two specialisations offered at the undergraduate level are Advertising and New Media. The post-graduate programme offers specialisations in Journalism, Advertising and Media Production. Both the programmes are taught by faculty with proven expertise in these areas. The Department also offers a perfect setting for learning different practical aspects in the form of a state-of-the-art audio-visual studio.

Bachelor of Art in Journalism and Mass Communication

The BA in Journalism and Mass Communication, an undergraduate three-year degree programme, is designed to empower students to create a trailblazing career in the field of news, advertising, and entertainment. The ever-growing verticals of the creative and service industry are offering hitherto unimaginable opportunities for the students of Mass Communication.

The bachelor's degree in mass communication and journalism is the perfect ammunition for aspirants who wish to hit the ground running in the dynamic field of media. An integral part of this course is the comprehensive training offered by qualified and experienced faculty from different fields of mass communication.

Admission to the programme will ensure that the students are equipped with the practical knowledge and essential skills required for working in various media organizations demanding different mass communication approaches and an evolved understanding of varied audiences' needs. As an advertising, new media, and journalism course, it has emerged as a specially designed programme that encompasses the world of new-age content, broadcast production, and journalism.

Master of Art in Journalism and Mass Communication

The MA in Journalism and Mass Communication, a post-graduate two years master's degree programme, empowers students to shape a trailblazing career in the field of news, advertising, media and entertainment. The MA programme is the perfect ammunition for graduate students from any discipline who wish to hit the ground running in the dynamic field of media.

The ever-growing verticals of the creative and service industry are offering scores of opportunities for the students of Mass Communication and Journalism. We aim to train individuals with a passion to lead from the front and ensure that our MA students develop the cutting-edge skills required in the ever-changing multi-media and convergent environment. This Master's in Mass Communication programme will create industry-ready professionals with a research-based orientation. This approach, we believe, will shape new paradigms for a just society. The curriculum, in consultation with industry experts, is designed to incorporate the latest developments in the ever-changing media sector into classroom teaching and studio-based activities.





**FACULTY OF
SCIENCE AND
TECHNOLOGY**



Department of Computer Engineering

In today's digital age, an enormous range of applications whether it is medical applications, manufacturing, or banking; computers are widely used to solve complex problems efficiently and in a short time. Hence, there is a growing need for Computer Engineers worldwide. The computer engineering programme successfully trains students to confront the challenges of their future professional life.

The programme prepares undergraduate students for a flourishing career in the field of technology and research. We ensure that the curriculum is a blend of core, professional and modern courses.

The B.Tech Computer Engineering Course has been designed to provide students with the skills and knowledge essential to excel in the area of computer engineering. In the Computer Engineering programme, students gain breadth and depth of knowledge in a multitude of computing specialties and are well prepared for industry positions as well as academic and research positions.

Bachelor of Technology in Computer Engineering

In today's digital age, an enormous range of applications whether it is medical applications, manufacturing, or banking; computers are widely used to solve complex problems efficiently and in a short time. Hence, there is a growing need for computer engineers worldwide. The computer engineering programme successfully trains students to confront the challenges of their future professional life.

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Department of Mechanical Engineering

The Mechanical Engineering department at Vishwakarma University was established in 2017 to provide programmes that are designed to develop highly desirable and industry-relevant skill sets in the students. The department adopts a holistic approach towards the development of fundamentals of design, analysis, and manufacturing. The focus is on developing the necessary analytical skills and diagnostic problem-solving skills through the high-quality and interactive teaching-learning process along with integrated practical experience.

Bachelor of Technology in Mechanical Engineering

The B.Tech Mechanical Course prepares students for their career paths with an ability to apply knowledge, skills, and fundamental principles of mechanical engineering in the context of rapidly changing technologies. Our aim is to prepare students for a variety of industries viz. manufacturing, casting, automobile, aerospace, etc.

Making the learner competent to lead his/her career in the areas of design, materials, thermal, manufacturing, automation, etc is an integral aspect of the B.Tech Mechanical Course. We ensure the application of the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

The programme offers two specialization tracks including:

- Future Mobility
- Smart and sustainable systems

The specializations offered present the students with an opportunity to equip themselves with the knowledge and skills relevant to the technologies of tomorrow.

Master of Technology in Mechanical Engineering

The M.Tech (Mechanical) programme at VU ensures the readiness of the students in a true multi-disciplinary spirit by offering specializations with Honors in Robotics and Electric Vehicles and specializations with minors in cyber security, Internet of Things (IoT), Virtual and Augmented Reality, Data Science, Product Design, Web and Mobile Application Development and Design Thinking and Innovation.





**FACULTY OF
INTERDISCIPLINARY
STUDIES**



School of Vocational Education

- Affiliation with all sector skill councils

Vocational Education Creates awareness about opportunities in industry and helps in collaboration and motivation to Industry for co-creation

- Department of Vocational Studies
- B. Voc. Pg D and M Voc in Telecom, Electronics, Automotive, Retail, Logistics, Banking and Insurance, Travel and Tourism, Infra and Construction.

Mission of the School of Vocational Education

- To offer opportunity
- To practice and learn
- To develop manual and machine skills
- To know procedures and methods
- To develop problem solving nature and creativity

Diploma Programme in Sound Engineering

A unique programme in collaboration with the Dawn Studio which is designed to provide job opportunities to the students in the field of film and Television. The programme is a blend of 80% practical sessions and 20% theory sessions.





RESEARCH, INNOVATION & ENTREPRENEURSHIP

07

Research Publications

Name of the Faculty Member	Title of the paper	Name of the Journal/Conference
Holley, P., Lynn, E., Bush, B., Abhay Chavan	An Interdisciplinary Pilot Study and Prototype Development for the Containment of Concrete Washout Waste	The associate schools of construction
Collins W., Holley P., Chavan Abhay, Sattineni A.	General Contractor Knowledge of Infection Control Requirements on Hospital Renovation Construction Projects	Collaboration and Integration in Construction, Engineering, Management and Technology. (Springer. Cham)
Mahua Mukharjee, Jeevan Madapala, Aishwarya Khadse, Deepmala Singh	Performance oriented integration of Blue- green infrastructure in Indian Smart city proposals	10 the international conference on Urban Climate
Chavan A., Khadse A	Quantitative evaluation of courtyards' effectiveness in mitigating urban heat island effect & its impact on energy consumption for a dense urban neighborhood in hot & dry climate Proceedings of the	International Conference on 'Retro Futurism of Skills in Architecture, Design, Planning and Innovation'.
Chavan A., Khadse A.	INTEGRATING BLUE INFRASTRUCTURE TO PROMOTE SOCIALLY INCLUSIVE URBAN SPACES	Proceedings of the International Conference on 'Retro Futurism of Skills in Architecture, Design, Planning and Innovation'.
Sanjesh Pawale	Performance Improvement of TCP New Reno using one way delay Measurement	International Journal of Innovative Technology and Exploring Engineering, ISSN: 2278-3075, Volume-8 Issue-10, August 2019
Kailas Patil	An Astute Assistive Device for Mobility and Object Recognition for Visually Impaired People	IEEE Transactions on Human-Machine Systems
Kailas Patil	A Consumer Based Smart Home With Indoor Air Quality Monitoring System	IETE Journal of Research (TIJR)
Reshma Pise	"The Association of Temperature and Rainfall with Dengue Incidence in India: Statistical Analysis",	International Journal of Emerging Technologies and Innovative Research
Bharati Ainapure	Analysis of Dataset in Private Cloud for Cloud Forensics Using Eucalyptus and Hadoop	
Swati Shriyal	IoT Device Classification Techniques and Traffic Analysis-A Review	ICTAI-2021: International Conference on Technological Advancements & Innovations (IEEE scopus journal) ISBN:978-1-6654-2087-7
Yogesh Deshpande	Embedding Affect Awareness into Online Learning Environment using Deep Neural Network	2019 5th International Conference On Computing, Communication, Control And Automation (ICCUBEA)
Yogesh Deshpande	Step towards Smart Workshop of Industry 4.0: Remote Product Monitoring System using Industrial Internet of Things	International Conference on Industry 4.0:Future Perspectives and Agility At: Pune, Maharashtra, INDIA
Prasad Gokhale	Analysis of Internet Gateway Placement Problem in Heterogeneous Wireless Networks for Machine to Machine Communication	2nd International Conference on Smart System and Inventive Technology
Prasad Gokhale	Systematic Review of Gateway Placement Methods in Wireless Networks	Fourth International Joint Colloquiums on Computer Electronics Electrical & Civil CEMC 2019

Name of the Faculty Member	Title of the paper	Name of the Journal/Conference
Dr. Pashmina Doshi	Employees' Perspective on Mergers : An Extended Literature Review	RESEARCH JOURNEY International Multidisciplinary E- Research Journal
Dr. Umesh Patwardhan	Periodic need to study the perceptions of Online learners	Our Heritage
Dr. Pashmina Doshi	The Impact of Qualification on Employees' Perception about Merger & Acquisitions in Pune City	International Journal of 360 Management Review
Prof. Kailas Bhosale	A Study on Urban Consumer Preference for FMCG Consumable products with reference to Pune City	International Journal of Scientific Research & Engineering Trends
Dr. Pooja Agrawal; Dr Omvir Gautam	Truancy and job satisfaction among dual career couples towards organizational sponsored day care amenities in developing nation	Serbian Journal of Management (Scopus)
Prof Vijaya Hake	At study of commodity markets with customer perception & risj factor of investors to select commodities .	Mukt-shabd
Dr Omvir Gautam, Dr Pooja Agrawal	A conceptual framework for entrepreneurial orientation: is philanthropy missing in family business?	International Journal of Business and Globalization (Scopus)
Prof. Abhishek Bhosale	Unconventional Anjali : Journey in Alternative Cinema.	Muktashabd. Pp 7-15. Nov 2019-ISSN : 2347 4150
Dr. Nazia Wahid	Investigation of the role of chromium reductase for Cr (VI) reduction by Pseudomonas species isolated from Cr (VI) contaminated effluent.	Biotechnology Research and Innovation, Vol 3 ,38-46.
Dr. Nazia Wahid	Study of a power function as a two parametric basic Probability distribution.	Int. J. Agricult. Stat. Sci. Vol. 15(1), 73-77
Dr. Ruchira Kedar	Thumri mein Bandish ke Saundarya Tatva	Sangeet Kala Vihar Journal
Dr. Ruchira Kedar	Aesthetics of Bandish element in Thumri	Samakalika Sangeetham
Dr. Sukdeo Ingale	Rebalancing the Justice for Victims of Crime: Current Legislative Strategies in India	7 (26) Shodh Sarita April-June 2020 (ISSN – 2348-2397) [pp. 163-168]
Prof. Sarika Sagar	"Covid 19 Pandemic: an Alarm to overhaul Indian Regulations & Policies in the light of who's Global Policy Framework"	"Iltes – Satoshi mega online global summit Holistic global strategies to fight Pandemics (covid – 19) May 9-10, 2020" E - Proceedings And Abstracts, May 9-10, 2020 , pg. 81-82
Prof. Apurva Bhilare	"Speak! Your life is still your own! - A Jurisprudential Perspective of the Law of Sedition"	Conference Proceedings - "Transformative Constitutionalism in India: Contemporary Issues and Challenges" ISBN: 9-788194-867357



Name of the Faculty Member	Title of the Book	Name of the Publisher of the Publisher
Kailas PATIL	Step-by-Step Guide for WiFi Hacking with Kali Linux	Amazon ebooks
Kailas PATIL	Batch Scripting: Virus Scripts & Windows Tweak	Amazon ebooks
Bharati Ainapure	Infrastructure Security	ISBN: 9789386765345, 9789386765345 Staredu
Prof. Nisha Khandekar	"Globalization and its effects on the Warli art"	Research paper has been published by SAGE Journal of Social Inclusion Studies Editorial Office
Prof. Nisha Khandekar	"Globalization and Warli Tribal Art"	Research paper has been published by International Journal of Research Granthaalayah
Prof. Reena Pandey	'Contemporary Trends in Chikankari'	International Journal of research & analytical review

Research Publications- Book chapters

Name of the Faculty Member	Title of the Book	Title of the Chapter	Name of the Publisher of the Publisher
Aishwarya Khadse	NA	Promoting CES to accelerate a net-zero transition in developing economies	VU_IGES Japan Collaborative Project proposal (Book Chapter)
Aishwarya Khadse	Sustainable development in research	Parameters for Quantitative Evaluation of Non-structured Sustainable Strategies for the Management of Water in Urban Area	Springer Cham
Dr. Omvir Gautam; Dr Pooja Agrawal	Analyzing Workplace Deviance in Modern Organizations	The Effects of Leaders' Behavior on Job Satisfaction, Organizational Citizenship Behavior, Deviant Behavior, and Job Performance of Employees	IGI Global
Dr. Rahul Waghmare	"Critical Issues on Changing Dynamics in Employee Relations and Workforce Diversity	Workforce Diversity to Foster an Innovation	IGI Global
Dr. Pooja Agrawal ; Dr Omvir Gautam	"Critical Issues on Changing Dynamics in Employee Relations & Workforce Diversity	Employees' Attitudes & Perceptions Towards Electronic Monitoring Surveillance Affecting Employee Behavior: An Exploratory Evidence From the Airline Industry	IGI Global
Prof. Ashwini Sonwane	"Critical Issues on Changing Dynamics in Employee Relations and Workforce Diversity	The Change in Nature of an Organization and Its Work	IGI Global
Prof. Abhishek Bhosale	Works on SDG 2030 : Ideas and Innovation.	Land Movement in Marathwada : Dalit Women Combating poverty, Hunger, Gender Inequality to achieve Socio Economic Growth.	Pp 279 - 288. Delhi. GEDY India
Prof. Charwad Rakhi Girish	Journal - A Study of Indian Languages, Literature and Culture pg-165-177 June 2020.	Impact of Indian Tradition and Culture on Painting	Journal - A Study of Indian Languages, Literature & Culture ISBN : 978-81-945451-8-7
Prof. Deepshikha Sharma	Contemporary Challenges in Consumer Protection.	Impact Analysis of False or Misleading Advertisements: Creativity at the Cost of Faith & Health	Principal, Yashwantrao Chavan Law College, Pune
Dr. Sukdeo Ingale	Health Laws in India, ISBN: 978-9388-3422-2-3. p.160-178	Victims Right to health under State Victim Compensation Schemes in India	Manakin Press Pvt. Ltd., B-300, Okhla Industrial Area, Phase-1, New Delhi- 110020, India

Centre of Excellence for Energy and Sustainability

All 17 Sustainable Development Goals are aimed at addressing the problems of society in view of satisfying the need for environmental conservation. Prioritizing the same objective of creating a sustainable environment for the users of the University campus, this unique ECOCAMPUS has been founded and the Centre of Excellence for Energy and Sustainability has been established.

To holistically address the sustainability at Vishwakarma University by using the following:



The aim is to make the Vishwakarma University campus a “Living Laboratory” or “Testbed” for research and development of new technologies and to assess the performance of various types of buildings by doing energy modelling and suggesting energy conservation measures.

MoU between VU and Integrated Environmental Solution (IES) is signed in March 2019 for an Authorised Training Partnership agreement between both the beneficiaries for the future of energy conservation. In addition, MoU between VU and Qi Square Pvt. Ltd. (Singapore) was signed on similar lines in May 2019. A total of 32 students have completed their internships ranging in duration of 1 month to 10 months. The research thrust was on Energy conservation measures in the buildings, IoT based energy use calculation and analysis, Energy audit of buildings in a virtual environment. During their internship, students worked on 12 interdisciplinary research projects in departmental collaborations. The groups consisted of students from different streams from Computer engineering, Mechanical Engineering, Computer science, Statistics and Design departments.

In the courses offered under the centre of excellence, Training is provided on different modules of IESVE, which can be used to create a 3D model of a building and simulate it for different weather conditions to know the present or future energy consumption; Data collection related to energy consumption data of various types of buildings; analysing and using this data for finding base load and energy conservation measures. Besides, an Energy Audit Elective is offered to students enrolled in the Mechanical Engineering and Architecture programmes.

Centre of Excellence-Industry 4.0

Presently the physical & digital worlds are merging & revolutionizing manufacturing processes dramatically. We call this Industry 4.0 or the 4th industrial revolution. Industry 4.0 is an amalgamation of various emerging technologies in making factories smarter and customer-centric. This revolution will have a similar effect on our entire society as the steam, electricity, automation and computerization had in earlier decades.

Industry 4.0 center is established to develop bonding with manufacturing industries and create manpower and resources for smart manufacturing setups. The center will also sensitize people at large in disruptive technologies required to implement Industry 4.0.

Activities

(A) Collaboration with C4I4 Labs Pune

The Department of heavy industries, Government of India has set up C4i4 Lab Pune as part of a national initiative named SAMARTH (Smart Automated Manufacturing and Rapid Transformation Hub) Udyog. Vishwakarma University is the founder member and education partner of C4I4 Labs Pune. Various projects were undertaken by this center under this collaboration.

Factory Assessment Internship

Around 25 manufacturing industries around Pune were assessed using an innovative tool developed by C4i4 labs for their readiness in adopting Industry 4.0. Students got a chance to visit factories and meet higher authorities to gather the assessment data. It even facilitated their factory visit and shadowing activity with factory authorities

Participation in Knowledge Series Lectures

Students attended master classes in the form of lectures by experts in Industry 4.0 under the knowledge series lectures at C4i4 Labs. It benefited students as well as faculty in developing awareness about industry 4.0 terminologies and technologies.

Remote Product Monitoring System Project

(i) A smart sensor based system was developed around an old traditional lathe machine as a digitalization experiment. This helped in monitoring the health of the machine and its production throughput and all other types of data on a computerised dashboard. This setup could be used as an experimental resource for gathering manufacturing data smartly and using data-analytics to gain further insights.

(ii) Visit to C4I4 Labs was conducted for sensitizing students about developments taking place in industries

(B) Trainings Conducted

Training for Remote Product Monitoring System using IOT was conducted in university campus. Around 20 students were given hands-on experience of retrofitting existing machines. One lathe machine was digitalised and linked with an IOT controller to gather data from the machine on a real-time basis. The training was concluded with a factory visit to Indo-Schottle Pune where two factories are controlled from head office using an IOT controlled system.

(C) Courses offered

An upcoming course on "Introduction to Industry 4.0" will be offered on VU Digital Portal for fresh engineering graduates. Course duration will be 10 Hrs and will be completely delivered in online mode.

(D) Organized Events

Workshops

A 3D printing workshop was conducted for members of Industry 4.0 students club in which students got hands-on experience of 3D printing for parts designed by them.



**FACULTY
ACTIVITIES**

08

Faculty Strength, Composition (Qualification, Region and Gender)

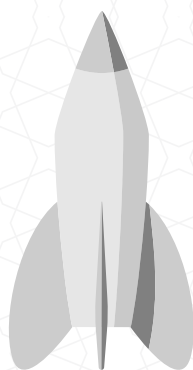
Vishwakarma University strictly complies with the UGC guidelines for faculty recruitment. The Human resource at the University is growing each year. The faculty members come from across the country such as Rajasthan, Uttar Pradesh, Madhya Pradesh, Karnataka, Tamil nadu, Kerala, Bihar, Telangana, Andhra Pradesh, Uttarakhand, Tripura and Maharashtra. A balanced Male-female ratio of the faculty members is taken into consideration during the recruitment.





STUDENT ACTIVITIES

Student Strength



2017-18

No. of Admissions **373**

Educational Tour

Educational tour was arranged by Prashant Acharya & Vivek Nimbolkar under the guidance of Dean Art & Design Dr. Avadhut Atre, Prashant Acharya. Visit clay workshops, Bamboo, Toy factory, Innovative games, and Ganjifa coloring process. Students of graphic & Product design visited workshops and got hands-on experience in these workshops practically.

The educational tour was conducted for the 1st batch of Graphic & Product design with an objective to give insights and experience in the world of design through the process of toys making, Ganjifa, and workshop of bamboo and the dyeing art and its importance in society and livelihood. Tour was from 6th to 9th Dec. The tour was arranged in collaboration with Wanderers.

Visit on 7th December 2017

1) P.D. Kanekar- Toy shop and toy factory (Student got hands-on experience to create a toy under expert observation)
2) Sawantwadi Palace- Exhibition and process of Ganjifa. Students had an opportunity to interact with artisans and saw the process of creating Ganjifa. This is one of the old traditional art which is passed on from generation to generation. This art is dying and Sawantwadi is taking keen interest by keeping it alive. Old mythological themes like Ramayana, Mahabharata, stories from parents are designed on Ganjifa. Sawantwadi is also known for Toys & Ganjifa. **Visits on 8th December 2017**

- 1) Visit to Fiberglass workshop,
- 2) Visit to "Thaker Adivasi Kala Angan- Puppetry. Students experienced the history of puppetry and saw the process the way it is performed.
- 3) Visit to cane workshop and factory- Students learned the process of how the artifacts are created by understanding the quality and possibility of material to create any product. Students were given a demonstration of the process.

Graffio Exhibition

The Graphic Design student's exhibition was arranged with an objective to encourage students and present their academic work in front of parents, and industry professionals from the industry to get feedback and improvisation on the designs. The objective was also to establish connections with the industry. The exhibition was inaugurated by Industry Designer Mr. Amit Umberkar from Extensia company in presence of Houn Vice President Dr. Vasudeo Gade Sir.

VU- Flag Design Competition

Muskan Mandot was facilitated by Hon.Vice President Dr. Vasudeo Gade Sir for designing the flag for Vishwakarma University. Muskan stood first in the competition.

Exhibition on Repetition

Work display and exhibition by B.Des. Foundation students on the theme of "Repetition" which is one of the important Principles of Design.





GUEST LECTURES

10

Guest Lectures

Topic	Name of the Speaker	Name of the Organization	Designation
Citizen responsibility towards sustainable Sanitization & Water Management & Opportunities their in	Mr Dayand Panse	eClerx	CFO
Insigts into Business analytics	Ranjit Shekdar	Polynomial Insights Pvt Ltd	Founder
Capital Market Awareness Program	Pankaj Methekar	Bombay Stock Exchange Investor Protection Fund	Trainer
Enterprenuriship & Startup	Aryan Bandopadhyay	Square Sequal Consulting	Chief Design Evangekist
Decision Economy	Rohitash Gupta	eClerx	CFO
Global Products Localization to Indian Context	Mr Hemant Watve	Mather+Platt	MD & CEO
Make in India	Shailendra Goswami	Pushkaraj Engineering Enterprises	MD





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