



**VISHWAKARMA
UNIVERSITY**

Maximising Human Potential

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



ANNUAL REPORT

2019-20



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UNIVERSITY

Maximising Human Potential

University Grants Commission (UGC) Approved State Private University
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Annual Report 2019 - 20

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Annual Report Committee

Prof. Dr. Siddharth Jabade	Patron
Prof. Ankita Sangle	Editor
Prof. Dr. Kedar Sant	Member
Prof. Dr. Yuvraj Lahoti	Member
Prof Dr. Chetan Kapadnis	Member
Prof. Nalini Naik-Nimbalkar	Member
Prof. Amol Randive	Member
Prof. Sandip Kulkarni	Member
Prof. Apurva Bhilare	Member
Mr. Ajay Shigwan	Member
Mr. Sandip Bhartakke	Member



Maximising Human Potential

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**MESSAGE FROM
THE DESK**

MESSAGE FROM PRESIDENT

Mr. Bharat Agarwal President

To say Education is important is an understatement. Education is a vehicle to transform one's life. Education is a journey of inquiry, learning, and maximizing the human potential that has positive implications for the world's most pressing problems. True education imparts ethics, moral and social values in every student. Sound and quality education is the backbone of social and economic growth. As it is believed that the well being of the people enhances society and makes society flourish and collectively it supports a nation to flourish.



MESSAGE FROM VICE-PRESIDENT

Prof. (Dr.) Wasudev Gade Vice President

Education system has probably changed rapidly due to the advanced technologies that are accepted and adopted by the students, professors and parents. We, as an educational institute, have an immense responsibility towards society. An educational institution aims at teaching students to analyze life and its true meaning. Education should give wings to the ideas and aspirations of the students to be able to start independent successful ventures. 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 fast changing world, a transforming society, progressing at a hasty speed. The impact of science, scientific research, and technological development on our daily life is vibrant and well desired. A large Indian population is making inroads into higher education every year. Since there are only a few public institutions, private institutions have stepped in to serve the need. These institutions have to rise to the challenge of bridging the gap between academia and industry. To do so, it is essential we create a vibrant and enriching teaching-learning culture that inspires innovation and entrepreneurship. Traditional pedagogies need to be reassessed to facilitate a more interactive and transdisciplinary learning experience.





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). As per Times Higher Education Global Impact Rankings 2021, Vishwakarma University, Pune is featured in the top institutions amongst 1200 universities from 98 countries/regions. These rankings assess universities against the United Nations' Sustainable Development Goals (SDGs). VU Awarded as Emerging University by Associated Chambers of Commerce & Industry of India (ASSOCHAM - Estd. 1920).

Programmes at Vishwakarma University (VU), Pune are approved by respective councils

- Pharmacy - D. Pharm and B.Pharm programmes are approved by Pharmacy Council of India, New Delhi.
- Law - BBA LLB and LLB programmes are approved by BAR Council of India, New Delhi.
- Architecture - B.Arch programme is approved by Council of Architecture, 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

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.



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Way forward..

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Recognitions and
Compliances

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Awards and Ranking
U Multi- Ranking,
Assocham Award

1

Establishment



VU AWARDS & RECOGNITION

VU Awards & Recognition

Emerging University of the Year in Western India by ASSOCHAM

Vishwakarma University, Pune has been awarded the Emerging University of the Year in Western India at the ASSOCHAM's 13th Higher Education, Skill and Livelihood Conclave 2020 held at the India Habitat Centre, New Delhi on 25th February 2020. Dr. Siddharth Jabade, Vice-Chancellor received the award at the hands of Hon. Dr. Niranjan Hiranandani, President - ASSOCHAM.

The conclave, attended by more than 300 Chancellors, Vice-Chancellors, Principals, Deans, Directors, and Promoters of leading Government and Private Universities, Institutions, Colleges, Edutech start-ups, and Consultants across the country, was held to promote world-class quality education, innovation, and research.



VU Achievements



U-Multirank World Rankings of Universities for 2019-20

Vishwakarma University, Pune's untiring endeavour to transform the education sector in India has been validated by U-Multirank World Rankings of Universities for 2019-20. VU successfully made it to the latest ranking list of U-Multirank published on 9th June 2020.

VU competed with 1759 participants from 92 countries. 15 Universities and institutions with rich educational legacy and decades of experience including the likes of BHU, IIT, AIIMS, etc. participated from India, yet Vishwakarma University stood out amongst the competition.

VU scored high on indicators such as - student internships, student to faculty ratio, student engagement, teaching-learning, etc. VU was judged "Very Good" on 2 out of 5 identified parameters. We thank all our students and parents for placing their trust in us. We remain committed to consistently creating value for our students.

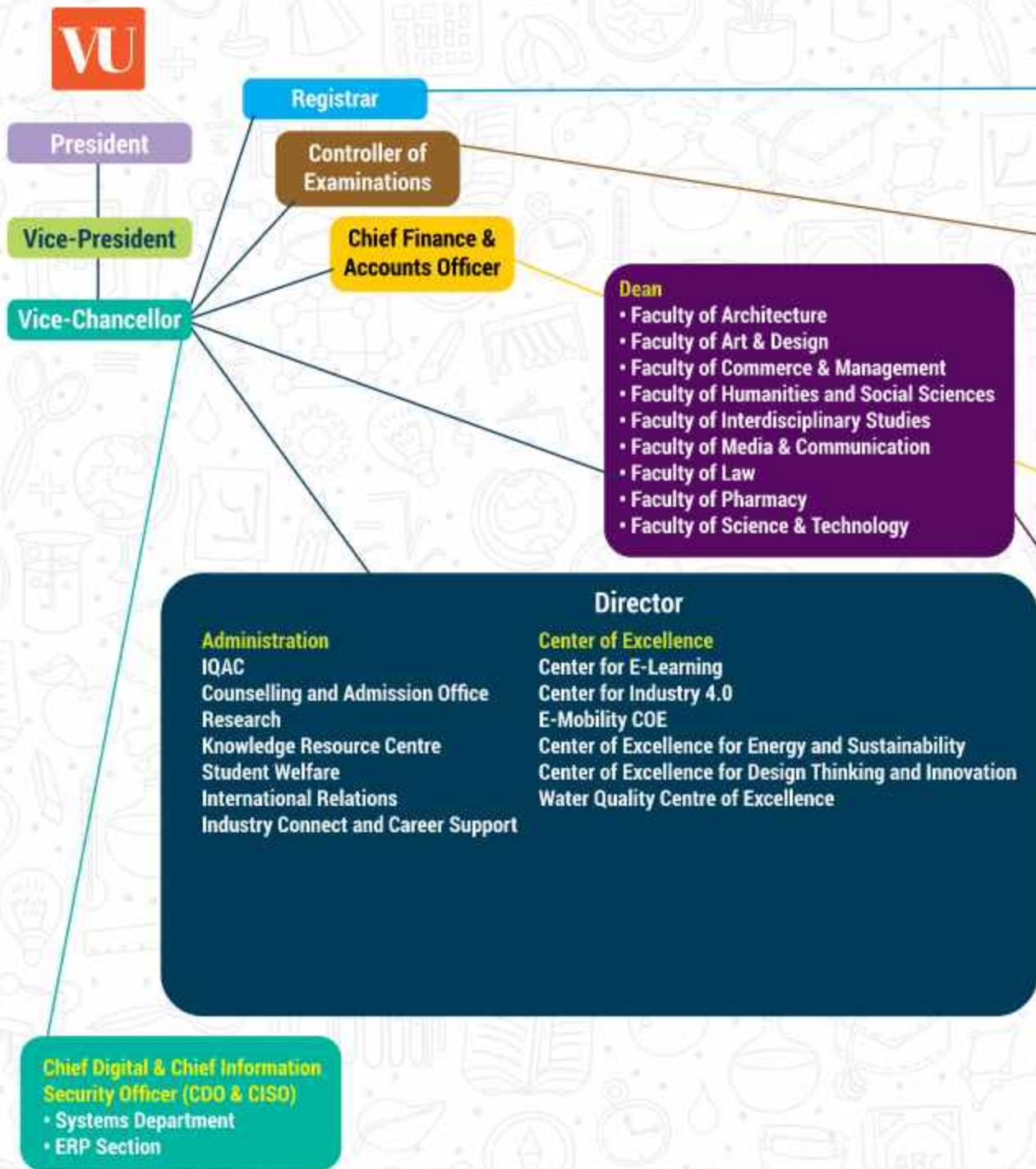






VU ORGANIZATIONAL STRUCTURE





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 Architecture & Planning
- School of Art
- School of Design
- School of Management Sciences
- School of Commerce
- School of Social Sciences
- School of Economic Sciences
- School of Performing Arts
- School of Hospitality & Tourism
- School of Public Health
- School of Event Management
- School of Integrated Education
- School of Journalism & Mass Communication
- School of Communication Studies
- School of Law & Governance
- School of Pharmacy
- School of Engineering & Technology
- School of Basic & Quantitative Sciences
- School of Applied Sciences
- School of Physiological Sciences

Head of Department

- Department of Architecture
- 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 Economic Science
- Department of Music
- Department of Travel and Tourism
- Department of Public Health
- Department of Event Management
- Department of Professional Studies
- Department of Journalism & Mass Communication
- Department of Visual Arts
- Department of Law
- Department of Pharmacy
- Department of Mechanical Engineering
- Department of Computer Engineering
- Department of Statistics & Mathematics
- Department of Computer Science

Faculty Member

Officers of the University

Sr. No.	Name of Officer	Designation
1	Mr. Bharat Agarwal	President
2	Prof. (Dr.) Wasudeo Gade	Vice – President
3	Prof. (Dr.) Siddharth Jabade	Vice – Chancellor
4	Prof. (Dr.) Kedar Sant	Registrar
5	Prof. (Dr.) Yuvraj Lahoti	Controller of Examinations
6	Mr. Anand Vaidya	Chief Finance & Accounts Officer
7	Dr. Jayashree Nitin Vispute	Dean - Faculty of Commerce & Management
8	Prof. (Dr.) Avadhut Atre	Dean - Faculty of Art & Design
9	Prof. (Dr.) Chetan Kapadnis	Dean - Faculty of Humanities and Social Sciences
10	Prof. (Dr.) Chetan Kapadnis	Dean - Faculty of Journalism, Media & Communication
11	Prof. (Dr.) Chetan Kapadnis	Dean - Faculty of Interdisciplinary Studies
12	Prof. Nalini Naik Nimbalkar	Dean - Faculty of Architecture
13	Prof. (Dr.) Nitin Satpute	Dean - Faculty of Science & Technology
14	Prof. Sarika Sagar	Programme Head – Faculty of Law
15	Prof. Makarand Puri	Programme Head – Faculty of Pharmacy
16	Prof. (Dr.) Chetan Kapadnis	Director – IQAC
17	Prof. (Dr.) Yogesh Deshpande	Director – VU Digital
18	Prof. (Dr.) Umesh Patwardhan	Director - Counselling and Admissions Office
19	Prof. (Dr.) Kailas Patil	Chief Information Security Officer, Director of Int. Relations, Chief Digital Officer
20	Prof. (Dr.) Prasad Gokhale	Director – Research
21	Dr. (Mrs.) Sheetal Naik	Director – Knowledge Resource Centre
22	Prof. Reena Pandey	Director – Student Welfare
23	Prof. Amol Randive	Head - Industry Connect and Career Support

Deans of the University

Sr. No.	Name of Deans	Post	Faculty
1	Ar. Nalini Nandraj Naik Nimbalkar	Dean	Faculty of Architecture
2	Dr. Avadhut Murari Atre	Dean	Faculty of Art & Design (A&D)
3	Dr. Umesh Bhaskar Patwardhan	Dean	Faculty of Commerce & Management (C&M)
4	Dr. Chetan Vasant Rao Kapadnis	Dean	Faculty of Humanities and Social Sciences (HSS)
5	Dr. Sunil Dhondopant Doke	Dean	Faculty of Interdisciplinary Studies
6	Dr. Chetan Vasant Rao Kapadnis	Dean	Faculty of Journalism, Media & Communication (JMC)
7	Dr. Milind Vasant Rao Kulkarni	Dean	Faculty of Science and Technology
8	Dr. Nitin Vijay Satpute	Dean	Faculty of Science & Technology (S&T)
9	Ms. Sarika Janardhan Sagar	Programme Head	Faculty of Law
10	Dr. Dipmala Sachin Patil	Programme Head	Faculty of Pharmacy

HOD's of the University

Sr. No.	Name of the Faculty Members	Name of the Faculty	Name of the Department
1	Mr. Prashant S. Acharya	Faculty of Art & Design	Department of Graphic Design
2	Mr. Rahul Suresh Honrao	Faculty of Art & Design	Department of Interior Spaces
3	Mrs. Reena Sanjay Pandey	Faculty of Art & Design	Department of Fashion
4	Mrs. Rakhi Girish Charwad	Faculty of Art & Design	Department of Design Fundamental
5	Mr. Omkar Sadashiv Rane	Faculty of Art & Design	Department of Product Design
6	Mr. Mandar Suryakant Naik	Faculty of Art & Design	Department of Animation

Sr. No.	Name of the Faculty Members	Name of the Faculty	Name of the Department
8	Dr. Jayashree Vispute	Faculty of Commerce & Management	Department of Management Studies
9	Prof. Amol Kamble	Faculty of Humanities & Social Sciences	Department of Economics
10	Dr. Bhupender Singh	Faculty of Humanities & Social Sciences	Department of Psychology
11	Prof. Ruchira Kedar Bartake	Faculty of Humanities & Social Sciences	Department of Music
12	Prof. Aarti Ajay Suryawanshi	Faculty of Interdisciplinary Studies	Department of Travel and Tourism
13	Prof. Mayuresh V. Belsare	Faculty of Media & Communication	Department of JMC
14	Prof. Sarika Sagar	Faculty of Law	Department of Law
15	Prof. Makarand Vishnu Puri	Faculty of Pharmacy	Department of Pharmaceutical Chemistry
16	Prof. Sonali G. Manwatkar	Faculty of Pharmacy	Department of Pharmacology
17	Prof. Maya Mahesh Kurulekar	Faculty of Science & Technology	Department of Engineering Science
18	Prof. Pranav Dhaneshwar	Faculty of Science & Technology	Department of Mechanical Engineering
19	Dr. Nazia Wahid	Faculty of Science & Technology	Department of Statistics
20	Dr. Jagadish V. Tawade	Faculty of Science & Technology	Department of Mathematics
21	Prof. Srinivas Shikhokalli	Faculty of Science & Technology	Department of Computer Science
22	Dr. Shraddha Khamparia	Faculty of Science & Technology	Department of Water Sanitation & Hygiene
23	Prof. Noshir Tarapore	Faculty of Science & Technology	Department of Computer Engineering

Internal Complaint Committee

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

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	Prof. Reena Pandey	Faculty Member	Member Nominated by Academic Council
8	Mr. Ajay Shigwan	Staff Member	Member Nominated by VC
9	Prof (Dr.) Kedar Sant	Registrar	Member Secretary

Anti-ragging Committee

Sr. No.	Name	Designation	Role
1	Prof. Kailas Bhosale	Faculty Member	Chairperson
2	Prof. Umesh Patwardhan	Faculty Member	Member
3	Dr. Sheetal Naik	Faculty Member	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 Committee

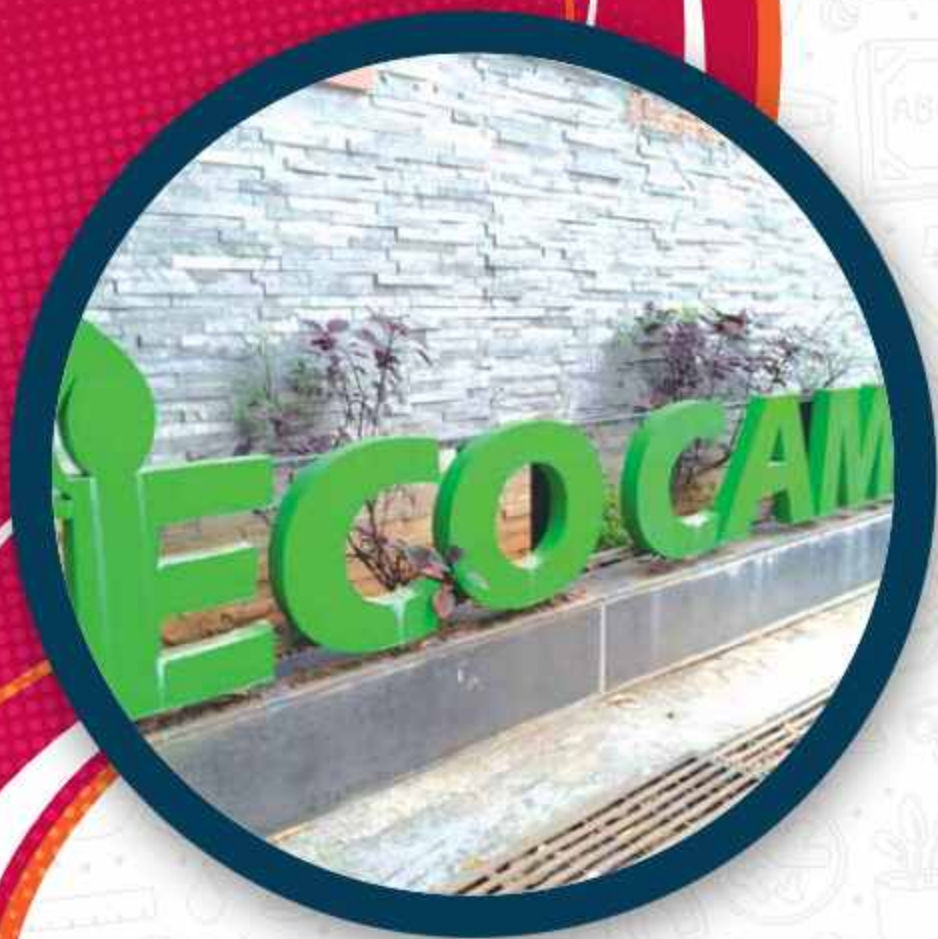
Sr. No.	Name	Designation	Role
1	Dr. Umesh Patwardhan	Faculty Member	Chairman
2	Dr. Avadhut Atre	Faculty Member	Member
3	Dr. Nitin Satpute	Faculty Member	Member
4	Dr. Nazia Wahid	Faculty Member	Member
5	Mr. Kailas Bhosale	Faculty Member	Member
6	Mrs. Reena Pandy	Faculty Member	Member
7	Ms. Sarika Sager	Faculty Member	Member
8	Dr. Radhakrishna Batule	Faculty Member	Member Secretary



IQAC – Core Committee

Sr. No.	Name	Department	Role
1.	Dr. Nitin V. Satpute	Department of Mechanical Engineering	Coordinator
2.	Prof. Reshma Pise	Department of Computer Engineering	Member
3.	Dr. Nazia Wahid	Department of Statistics	Member
4.	Prof. Nishant Kambhoj	Department of Design	Member
5.	Prof. Sandhya Nair	Department of Management	Member
6.	Prof. Maya Kurlekar	Department of Engineering Sciences	Member
7.	Prof. Apurva Bhilare	Department of Professional Studies	Member
8.	Prof. Mrunmayi Ranade	Department of Engineering Sciences	Member
9.	Prof. Mayuresh Belsare	Department of Journalism & Mass Communication	Member
10.	Prof. Arati Suryavanshi	Department of Professional Studies	Member
11.	Prof. Amol Kamble	Department of Psychology	Member
12.	Prof. Jia Khatri	Department of Management	Member
13.	Prof. Mayuri Ghavate	Department of Art	Member
14.	Prof. Rushika Kinjawadekar	Department of Statistics	Member
15.	Dr. Bhupinder Singh	Department of Psychology	Member
16.	Prof. Kaustubh Utpat	Department of Mechanical Engineering	Member





INFRASTRUCTURE

Physical Infrastructure

SAPi360lab

VU has collaborated with SAP for the i360 Innovation Lab wherein the students are provided a platform to work on real-life problems of the industries. "The i360 Centre aims to create future-ready professionals with considerable experience in working with digital technologies. By collaborating with Vishwakarma University, we are empowering the students to cultivate an innovative mindset that allows them to address current and future needs of not just business but of the nation itself". The group of students have developed proof of concept following technology readiness levels for four projects. Vishwakarma University and its students from SAP i360 Innovation Lab made history on Saturday, 5th October 2019. Yes, it is the first time that students' innovative ideas and projects were selected to be presented in a prestigious ZEE Business SAP Dare to Dream Awards 2019 function. These awards are granted to the CEOs and who dared to dream big and made a dent in the business world through their path-breaking ideas. The forum was packed with more than 150 CEOs and entrepreneurs. These innovative solutions were very well received and will be implemented soon in industries. The projects relate to the hospitality industry, automotive industry, and society.



Summary of VU Infrastructure

- Research/PhD Section
- Psychology Lab
- Computer Lab
- Computer Centre
- willo lab
- E & TC /Electrical lab
- Mechanical lab
- Tata Lab
- SAP lab
- Pharmacy 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.

e. Visual art centre houses a painting, a design studio and a sculpture studio. Understanding the importance of both the left and right brain, students learn creative techniques and develop their understanding of the visual arts.



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.





CONVOCATION

1st Convocation 2020

Vice-chairman of the University Grants Commission (UGC), Bhushan Patwardhan introduced the concept of National Academic Credit Bank wherein a student can earn credit much before taking admission at the first convocation ceremony of Vishwakarma University. Patwardhan was chief guest for the ceremony and Pradeep Bhargava, president, MCCIA was the guest of honour. Bhargava compared and contrasted the world of opportunities available to the youth today with the past and fortified oneself with values in the present day and time.

Patwardhan also touched upon the new semester outreach programme which entailed students to go out of classroom for gaining knowledge. Vice Chancellor Prof. Siddharth Jabade presented a brief account of various achievements of the University.

Beginning with the ceremonial convocation procession of the Academic Council members led by Yuvraj Lahoti, Controller of Examination and carrying the staff, the ceremony began with eulogising the spirit of learning at the university with recital of the Vishwakarma University song.

Degrees were conferred in the faculty of management, humanities, law, and science and technology.





ACADEMICS

Sr. No.	Regulatory Body	Programme(s)
1	Council of Architecture	B. Architecture
2	AICTE	B. Design
3	AICTE	B. Tech – Computer, Mechanical Engineering, Artificial Intelligence & Data Science
4	AICTE	MBA
5	Pharmacy Council of India	D. Pharm , B. Pharm
6	Bar Council of India	LLB (3 Years), BBA LLB (Integrated) 5 Years
7	UGC – 12B	All



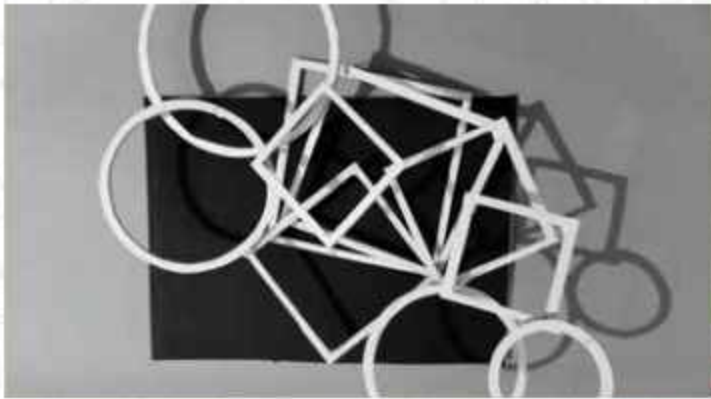
विश्वविद्यालय अनुदान आयोग
University Grants Commission
quality higher education for all



ca
वास्तुकला परिषद्
Council of Architecture



FACULTY OF ARCHITECTURE



Department of Architecture

The Department of Architecture was established under the School of Architecture and Planning, Faculty of Architecture as a progressive design studio for Architectural research & learning. The department has started with a five-year undergraduate degree programme of Bachelor of Architecture approved by COA (Council of Architecture) in 2019. 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 architects keeping pace with the requirements of the profession.

Bachelor of Architecture

Bachelor of Architecture is a COA (Council of Architecture) approved five-year undergraduate degree programme designed to provide students with knowledge essential for designing built environments of various scales and types. It not only prepares students to enter the creative world but also equips them with the necessary technical knowledge and skills to bring their creative solutions to life.



FACULTY OF ART & DESIGN



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.

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.

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.



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.

Bachelor of Business Administration- International Business

The BBA (International Business) Programme proposes to give students an understanding of the different business management practices found all over the world and prepare them for graduate careers working abroad or in organizations that are engaged in business on a global scale. It is a specialized management programme that aims to prepare students for highly gainful careers in international business operations.

BBA (International Business) programme allows students to study world scenarios influencing an organization's international business opportunities. The programme provides a global perspective on strategy, organization, policies, practices and business functions by understanding statutory and regulatory procedures, compliances and documentation. BBA (International Business) lets one know international business operations to interact with international customers, suppliers, partners, and colleagues. It builds perspective about global cultures, social and sustainability issues.



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.

Bachelor of Art (Hon.) in Psychology

The BA in Psychology Course ensures that the students are acquainted with the field of Psychology, branches in Psychology, various schools of thought, recent trends, theoretical as well as applied areas, and research methods in the field. It aims at imparting basic psychological skills like observational skills, communications skills, active listening skills, and interpersonal skills to students so that they can apply knowledge of psychological principles across various settings.

Creating a strong practice-oriented theoretical base hand-in-hand with recent advances in the field of Psychology is an integral part of BA Psychology. We ensure students think, observe, assess and critically evaluate various psychological processes and manifested behaviour across all contexts.

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.

Department of Travel and Tourism

The Department of Travel and Tourism at Vishwakarma University was incorporated in 2018. Here at our department, we offer 360-degree exposure to students for all-around development. The department introduces students to foreign cultures, foreign languages and world history. We believe in learning outside the classroom, and we have made opportunities available for students to undertake real-time projects for industry readiness.

Bachelor of Art in Travel and Tourism

BA in Travel and Tourism is an undergraduate degree programme of three years designed to provide students with key skills and industry knowledge relevant to an exciting range of careers within the sector.

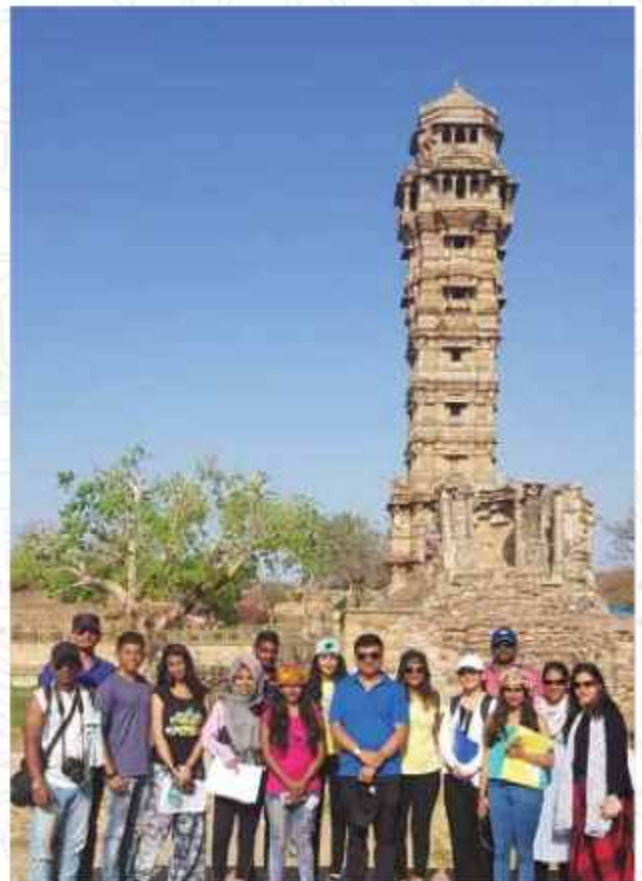
Domestic and International Tourism has become a major economic activity in the world and one of the fastest-growing industries which demands a professional outlook. The course imparts just the right kind of frame, to fit in a successful career in Travel & Tourism. With domestic and international tourism picking up, many careers can indeed be made in this sector. The BA programme at VU provides endless career opportunities in this fast-growing industry of travel and tourism. Candidates looking to pursue their career in the industry can choose to work for travel agencies, government tourism departments, tour operations, immigration and customs services, airlines, hotels, and the list continues.

Master of Art in Travel and Tourism

MA in Travel and Tourism is a postgraduate degree programme of two years that qualifies graduates to take over specialist and managerial positions in the tourism and travel industry.

The programme covers all the core subjects and additional subjects required to hone the skills demanded by the growing Tourism Industry. Tourism apart from being a vital part of one's recreational and refreshment activities happens to be an important area of economic generation of a country. The industry contributes to high revenue and significantly to the GDP of the country.

The MA programme at VU provides endless career opportunities in this fast-growing industry of travel and tourism. It includes the activities related to the tourism and hospitality industries and various aspects of business administration.



Department of Economics

The Department of Economics was established in 2018 with faculty members, with research and teaching interests that span a broad range of fields which include economic theory, game theory, behavioral economics, experimental economics, macroeconomics, monetary economics, economic growth, development economics, and different areas of applied microeconomics. The department offers a major in Economics and interdisciplinary majors in Economics & Finance, Economics & History, and in Politics, Philosophy & Economics (PPE).

Master of Science in Economics

It is a specialized programme that aims to prepare students for highly gainful careers in Economics with mathematical and statistical tools. Economics is a discipline that is fundamental in decision-making and policy formulation. Its descriptive and inferential roles not only formulate the basis of growth for almost all disciplines of the contemporary world but also provide an array of non-traditional employment avenues ranging from academics to business analysts.

The M.A. Economics programme focuses on Economic theory and its application to real problems. The focus of this programme is to prepare students to enter into a promising professional life even after graduation, as also provide to them a platform for pursuing higher studies leading to post-graduate or doctoral degrees. During the programme, students will be equipped to use theoretical and practical skills.

We ensure all students are given a broad knowledge of the technical and functional aspects of the economy and its interconnection through all the other disciplines. Graduates may apply the knowledge gained in the production industry, financial, academic research, and agriculture sectors.



Department of Music

The School of Music, Vishwakarma University in association with the Lakshminarayana Global Centre of Excellence was established in 2019 with the aim of promoting and providing holistic music education with a global approach. The department grooms and prepares students with qualifications that are globally recognised with industry-relevant skill sets.

Students undergo thorough training in Hindustani, Carnatic, Percussion, music with essential Global music inputs delivered by professional performers and industry experts. Helping students further their journey to find their voice performative taste and style is an integral part of the School's approach. The department provides a blend of varied streams in Indian and Global music, encouraging careers as performers, musicians, and music industry professionals.

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FACULTY OF LAW & GOVERNANCE



Department of Law

The Department of Law was established under the School of Law and Governance, Faculty of Law in 2018 as a centre for legal research and education. The department started with One Year LLM and PhD Programmes and subsequently with Five Year and Three Year UG Programmes in 2019.

The programmes are approved by the Bar Council of India.

We endeavour the values of academic rigour, intensive research and strive to create legal professionals par excellence.

Master of Law

Master of Laws (LLM) is a one-year full-time postgraduate course with specializations in Criminal Law, Business Law, International Law & Arbitration, Cyber Law, and IPR (Intellectual Property Rights) Laws.

What sets the LLM programme at Vishwakarma University apart is the expert faculty and research-oriented rigorous academics. This enables the students to gain knowledge of the law and inculcate a research attitude.

The LLM course develops critical thinking and promotes a spirit of inquiry. We encourage the students to research socially relevant issues which have a lasting impact.

We encourage our students to learn practical legal skills in analysis and critical evaluation, alongside a range of transferable skills such as research and presentation skills.

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 PHARMACY



Department of Pharmacy

Pharmaceutical industries have become hi-tech and are performing an important role in global healthcare today. It is paramount that students are prepared to meet all the new challenges. At the Department of Pharmacy, the syllabus, teaching methodology, training, and infrastructure are designed to meet the current requirement.

The department focuses on the advancement of technology in the pharmacy field and as per the requirement of the Pharmacy Council of India (PCI). To enable this, the laboratories are well equipped with the latest, modern scientific instruments and students can access the library with the best reference books, scientific magazines, and journals.

Building technical and managerial capabilities amongst students to meet the needs of society and industry is an integral part of the Pharmacy. The department ensures the creation of awareness amongst students about the social demands and role of a pharmacist in society.



FACULTY OF SCIENCE AND TECHNOLOGY



Department of Computer Science

The Department of Computer Science, Vishwakarma University, Pune aims at providing quality education in Computer Science and allied fields. The department runs two programmes namely, BSc Computer Science, an undergraduate programme and a postgraduate programme- MSc computer science. Both the programmes run in association with TCS iON specialized in data science.

Keeping in view the need for value-added courses, the department also offers Minor courses in Web and Mobile Application Development that would enhance the employability of the students. The department offers a student exchange programme whereby students get an opportunity to study abroad.

The department has highly qualified and dedicated faculty that works hard at imparting quality education. Apart from teaching-learning, the faculty is involved in extensive research, consultancy and skill development programs in compliance with the vision of the department. The students are engaged in co-curricular, research and consultancy activities guided by the faculty. The department provides all the required academic, non-academic and placement support to the students.

Bachelor of Science in Computer Science

B.Sc. Computer Science is an undergraduate degree programme designed to provide students with a thorough grounding in the theoretical and practical aspects of the computer science discipline. A computer science degree is a versatile credential. The programme gives you access to a more diverse range of opportunities and industry.

It offers a variety of core, professional, and ability enhancement courses that help enhance the technical skills and employability of the students. The course provides students the right foundation to enter the real world where ambitious computer science professionals can showcase their skills as Software Developer, System Integrator, System Analyst among other job profiles.

The programme offers a rich set of electives like Data Science, Artificial Intelligence, Machine Learning, Cloud Computing, and the Internet of Things to keep up with the latest trends in the IT industry. It offers budding technocrats an insight into the world of computers and their applications through professional engagements which are in sync with the business environment.

Master of Science in Computer Science

M.Sc. Computer Science is a Masters' Degree programme designed to provide students with a thorough grounding in the theoretical and practical aspects of the computer science discipline. A computer science degree is a versatile credential. The programme gives you access to a diverse range of opportunities and industry.

It offers a variety of core, professional, and ability enhancement courses that help enhance the technical skills and employability of the students. The course provides students a great deal to enter the real world where ambitious computer science professionals can showcase their skills as Software Developer, System Integrator, System Analyst among other job profiles.

The programme offers a rich set of electives like Data Science, Artificial Intelligence, Machine Learning, Cloud Computing, and the Internet of Things to keep up with the latest trends in the IT industry. The programme offers budding technocrats an insight into the world of computers and their applications through professional engagements which are in sync with the business environment.



Department of Statistics

Statistics is a discipline that is fundamental in decision-making and policy formulation. Considering the importance of Statistics, Vishwakarma University established the Department of Statistics under the Faculty of Science and Technology. B.Sc. (Hons) - Statistics (Big Data Analytics) and M.Sc. - Statistics (Big Data Analytics) courses with an intake of 60 and 30 respectively were instituted in 2018.

The programme offers an excellent balance between theory and real-world applications which covers traditional theory methods as well as modern ideas in the field of data analytics.

Bachelor of Science in Statistics

Statistics is a discipline that is fundamental in decision-making and policy formulation. The descriptive and inferential role of Statistics formulates the basis of growth for almost all disciplines of the modern world. It also provides an array of non-traditional employment avenues ranging from the sports-analysts to business analysts.

The B.Sc. Statistics programme focuses on statistical science and its application to real problems. The course prepares students to enter into a promising professional life even after graduation.

The programme provides a platform for pursuing higher studies leading to post-graduate or doctoral degrees. The statistical packages are useful to reinforce students' theoretical and practical skills. Graduates may apply the knowledge gained in the IT, production industry, financial, medical, and agriculture sectors.

Master of Science in Statistics

The M.Sc. Statistics Programme at Vishwakarma University, Pune is suitable for students who are interested in advanced learning and to undertake a research project in statistical science and its application to real problems. Developing the skill of big data and data analytics is an integral part of the M.Sc. Statistics Course. We ensure that the students learn and master techniques in data collection, data analysis in the data science field.

The programme offers an excellent balance between theory and application and covers traditional theory & methods as well as more modern ideas in statistics. Students will be proficient with the tools and techniques required to work with and analyze today's increasingly complex data sets in all areas of the sciences.

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.

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.

Master of Technology in Computer Engineering

The M.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.



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.



Department of Waste water and Sanitation Management

The Department of Water, Sanitation and Hygiene is established in the year 2020 to accelerate the impact of waste water treatment and sanitation management for the betterment of society and create professionals in this field. The programme imparted under the department imparts knowledge and detailed insights into waste water and sanitation management to students. The students will also be equipped with personal skills for the development of leadership and team working. The Department has set up a Water Quality Centre of Excellence that is equipped with state-of-the-art infrastructure. The Department offers national/International internships, live projects and utilizes innovative teaching pedagogies. The Department adopts an innovative and integrated approach, global practices followed across the domains of waste water treatment, sanitation and urban development.

The association of Vishwakarma University with the Asian Institute of Technology (AIT) gives global exposure to the students and facilitates cross-cultural research collaboration. The post graduate program running under Dept. of WASH is under Global Sanitation Graduate School, an initiative by IHE Delft Institute of Water Education Netherlands. Vishwakarma University is a member of the Global Sanitation Graduate School and is in a consortium with the Asian Institute of Technology.





Department of Mathematics

Mathematics is one of the most prominent subjects catering to the needs of almost all branches of science and technology. The Department of Mathematics was established in Vishwakarma University in the year 2018 and within a short span of time, the department has made remarkable progress. The Department offers Mathematics as one of the core subjects in all branches of first-year engineering, U.G and P.G. in Statistics.

Currently, the Department offers Post-Graduate and PhD programmes in Mathematics. The curriculum focuses on providing a solid base on a diverse range of mathematical subjects, developing technological competency, soft skill and life development. The tools like Matlab, Scilab, Maxima, Geogebra, and Python are introduced at the post-graduate level for data analysis and computation. Our curriculum is research as well as job oriented and it follows CBCS guidelines. Apart from regular classroom teaching, the Department offers add-on-courses, internships, self-learning through MOOCs, Project work, and SET/NET/GATE/AMCAT guidance.

Our faculties are working in the research areas: Algebra, Analysis, Number Theory, Differential Equations, computational fluid mechanics, etc. Four research scholars have enrolled for PhD under the guidance of the faculty in the department.

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.



NEW PROGRAMMES



New Programmes

Bachelor of Commerce in Company Secretary

Company Secretary (CS) is one of the principal posts in a company. A CS acts as a conscience seeker of the company. A CS is responsible for completing the company's tax returns, keeping records, advising the board of directors, and ensuring that the company complies with legal and statutory regulations. With introduction of the Companies Bill 2013, the scope, depth, rigour, authority and demand for the Company Secretaries (CS) have been on the rise.

The B.Com in Company Secretary programme at Vishwakarma University is a specialized Commerce Programme that aims to create graduates well versed with a strong conceptual framework of Finance, Taxation, Auditing and Compliances, forming a strong base for professional qualification of Company Secretary offered by the Institute of Company Secretaries of India. The programme BCom (Company Secretary) is an apt integration of BCom and CS courses. CS courses (Subjects) woven rightly in the curriculum of B.Com. Learning the key skills that are required by an efficient administrator is an integral part of the Company Secretary programme leading to effectively contributing to organizations. The combination of core skills, domain understanding, and expert knowledge learned in this programme intend effective adaptation of participants to the ever-changing business environment.

Bachelor of Art (Hon.) in Music

The BA (Hons) in Music Programme in association with the Lakshminarayana Global Centre of Excellence is a 3-year unique undergraduate degree programme that prepares students with qualifications that are globally recognised and industry-relevant skill sets.

Students undergo thorough training in Hindustani, Carnatic, Percussion, and Western music with essential Global music inputs throughout the 3-year span of the programme. Helping students further their journey to find their voice and performative taste and style is an integral part of the B.A.Honors Music Programme. The institute provides a blend of varied streams in Indian and Global music, encouraging careers as performers, musicians, and music industry professionals.

The three aspects of the BA Music Programme includes:

Practical Training: The programme is designed to be useful for practical application by the students when they enter the professional music field. As the major chunk of the instruction is centred on the performance and new age musical knowledge, the students would be well equipped to seize the professional opportunities and be ready to handle "on the job" matters with their practical and inclusive knowledge of their subject.

Balanced Curriculum: The programme has a balanced approach towards all the streams of music. Equal emphasis has been given to Hindustani, Carnatic, Percussion and Western music instruction as well as newer realms in music like Audio/Video Engineering, Digital Marketing which are essential tools for a 21st-century musician.

Global Approach: The global approach of the curriculum would enable the students to learn, imbibe and experience Indian and global music in an entirely novel way. This would be essential in grooming students to become performers, musicians, and music industry professionals.

Bachelor of Business Administration- Bachelor of Law

The BBA-LLB five-year course is an integrated undergraduate degree programme in Law enabling the students to get requisite knowledge of business administration and fundamental laws, both substantive and procedural laws, enabling the students to be professional.

The programme curriculum, through elective papers offered, enables the students to acquire a certain extent of specialization in Constitutional Law, Business and International Trade Laws, Criminology and Cyber Law, International Law, and IPR.

As one of the top law colleges in the country, we strive to help students resolve legal problems with the correct application of the law.

Bachelor of Law

This LLB three-year course is an undergraduate degree in Law enabling the students to get requisite knowledge of basic laws, both substantive and procedural laws, to be skilled legal professionals. The students can practice in various fields of law in the public as well as private sectors.

The programme curriculum, through elective papers offered, enables the students to acquire a certain extent of specialization in Constitutional Law, Business and International Trade Laws, Criminology and Cyber Law, International Law, and IPR. The Curriculum is designed in such a way to include contemporary trends and issues in cyber-crimes, media laws, agricultural industries, etc

This law course will help students gain a better understanding of the Indian legal system and the underlying philosophy and theoretical considerations.

Bachelor of Pharmacy

B.Pharm. (Bachelor of Pharmacy) programme is about the design and development of drugs for the use of the living world. It is an industry and product-oriented profession. Pharmaceutical industries have become hi-tech and are performing an important role in global healthcare today. It is paramount that students are prepared to meet all the new challenges. At VU Pune, the B.Pharm. syllabus, teaching methodology, training, and infrastructure are designed to meet the current requirement.

The programme is focussed on the advancement of technology in the pharmacy field and as per the requirement of the Pharmacy Council of India (PCI). To enable this, the laboratories in VU are well equipped with the latest, modern scientific instruments and a library with the best reference books, scientific magazines, and journals.

Building technical and managerial capabilities amongst students to meet the needs of society and industry is an integral part of the B. Pharm. Admission to our institute will ensure the creation of awareness amongst students about the social demands and role of a pharmacist in society.



Guest Lectures

Topic	Name of the Speaker	Name of Organization	Designation
Designing Container Spaces	Ms. Dhara Kabria	Studio Alternative	Principal Designer
Doodling and Art for everyone	Ar. Isha Tangadpalliwar	NA	NA
Sustainable Buildings & Energy Simulation	Ms. Roweena Rawte	Project Manager	IES VE, India
Two residences	Ar. Prasanna Parvatikar	Cubism Architects	Principal Architect
Architectural Renderings	Ar. Mayuresh Shirolkar	BRICKS	Professor
Bungalow Design	Ar. Prashant Shah	Group PHI Architects	Principal Architect
Design Thinking	Michael Testani	SUNY BU, USA	Director-Industrial Outreach
Autonomous Systems	Yong Wang	SUNY BU, USA	Asst Professor
Introduction to Cyber Security	Dr. Arvind Prakash	SUNY BU, USA	Asst Professor
Additive Manufacturing	Dr Jia deng	SUNY BU, USA	Asst Professor
"Investors Awareness Programme (IAP)"	Mr. Esmail Colombowala	Securities Exchange Board of INDIA's (SEBI) in collaboration with Jai Vatnani & Co. d	Sr. Marketing Manager
"Importance of Skills & Global Certification"	Mr. SHUBHAJIT PODDAR	9ledgePro Pvt. Ltd. (Microsoft Partner Network, India)	Chartered Market
"Impact of Data Analytics and Machine Learning on Businesses"	Mr. Janak Shah	The Money Roller, Mumbai-Maharashtra)	Technician
"Mind your Mind-Resilience of Mental Health"	Ms. Jiyaa Khatri	_____	Freelancer consulting psychologist
"Opportunities in Share Market"	Mr. Prasad Danave and Mr. Sammeer Sumantt	Stock-Market Essentials	Founder & Co-Founder of Stock-Market Essentials
"Prevention of Sexual Harassment (POSH) Act at Workplace"	Ms. Kiran Moghe.	_____	
Career opportunities in domains of Reporting & Editing	Ms. Shital Pawar	Sakal Media Group	Executive Content Curator

Topic	Name of the Speaker	Name of Organization	Designation
Career opportunities in domains of Reporting & Editing	Mr. Prasad Kulkarni	Principal Correspondent, Tol	President, Pune Union of Working Journalists
Principles of Social Media Communication	Yogesh Borate	Department of Communication & Journalism, Savitribai Phule Pune University	Assistant Professor
Opportunities in Radio	Puneet Kelkar	Radio Mirchi	Head Creative Content
Audio Mixing	Rishi Rathi	Self-Employed	Audio Engineer
Relationship between Statistics and Economics	Prof. Amol Kamble	Department of Economics, Vishwakarma University , Pune	Assistant Professor(HOD)
workshop- Calligraphy and Lettering	Ms. Aditi Deo	The Doodle Factory	Freelance Artist
workshop of Bamboo Products	Mr. Ashok Satpute	Bamboo tales	Owner
Rendering Techniques	Mrs. Varsha Kadam	Art Hub Palette 9	Expert
Thinking Design	Ar.Mahesh banagd	BNCA, Pune	Professor
Importance of Automation	Mr. Tanmay Mehta		Founder
Interior Decor	Mr. Chetan Vora	Manpasand Frames	Founder
Wall coverings	Mrs.Vaishali Aphale Tupe	Marshall Wall coverings	Founder
Parallel Fundamentals of Design	Mr. Amit Danait	A & i Digest	Chief Editor
World Destinations	Ketan Wadkar	Zenith International , Mumbai	Deputy Director
Introduction to Indian instruments session	Sajid Mirajkar	Mirajkar musicals	Owner
Introduction to Western Classical Music	Prof.Karl Lutchmayer, UK	Trinity College, UK	Professor
Percussion workshop	Pt.Tanmoy Bose	NA	Senior Performer
Session by program mentors	Dr.L.Subramaniam & Kavita Krishnamurti	LGCE	Founders
Ethnomusicology	Dr.Enrique Camara	University of Valladolid, Spain	Professor
Carnatic rhythm	G.Sathyasai	NA	Performer

Topic	Name of the Speaker	Name of Organization	Designation
Jazz Workshop	Klaus Graf Quartet, Germany	University of Nuremberg, Germany	Professor
Overview of Security Laws	CS. Vaishnavi Pawase	KANJ & Co. LLP	Practicing Company Secretary
Regulation of Combinations under the Competition Act, 2002	Mr. Immaculate Fernandes	S. Anantha & Ved LLP	Practicing Company Secretary, Designated Partner
A Stopover to Forensic Investigation	Dr. Rajesh Dere	LTMCM LTMGH, Sion Hospital, Mumbai	Professor
The Mechanism of Ombudsman: Critical analysis of National and International Scenario	Adv. Pritam More	The High Court of Judicature at Mumbai	Practicing Advocate
Corporate and Capital Restructuring: Flipping the Odds	Mr. Sagar Bora	Practicing Consultant	Legal Manager and Tax Consultant
Legal Regime of International Trade: WTO Rules on Trade in Goods and Services	Adv. Gaurav Jadhav	Research Scholar, Department of Law, SPPU	Advocate and visiting faculty





RESEARCH, INNOVATION & ENTREPRENEURSHIP

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 Bue- 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	

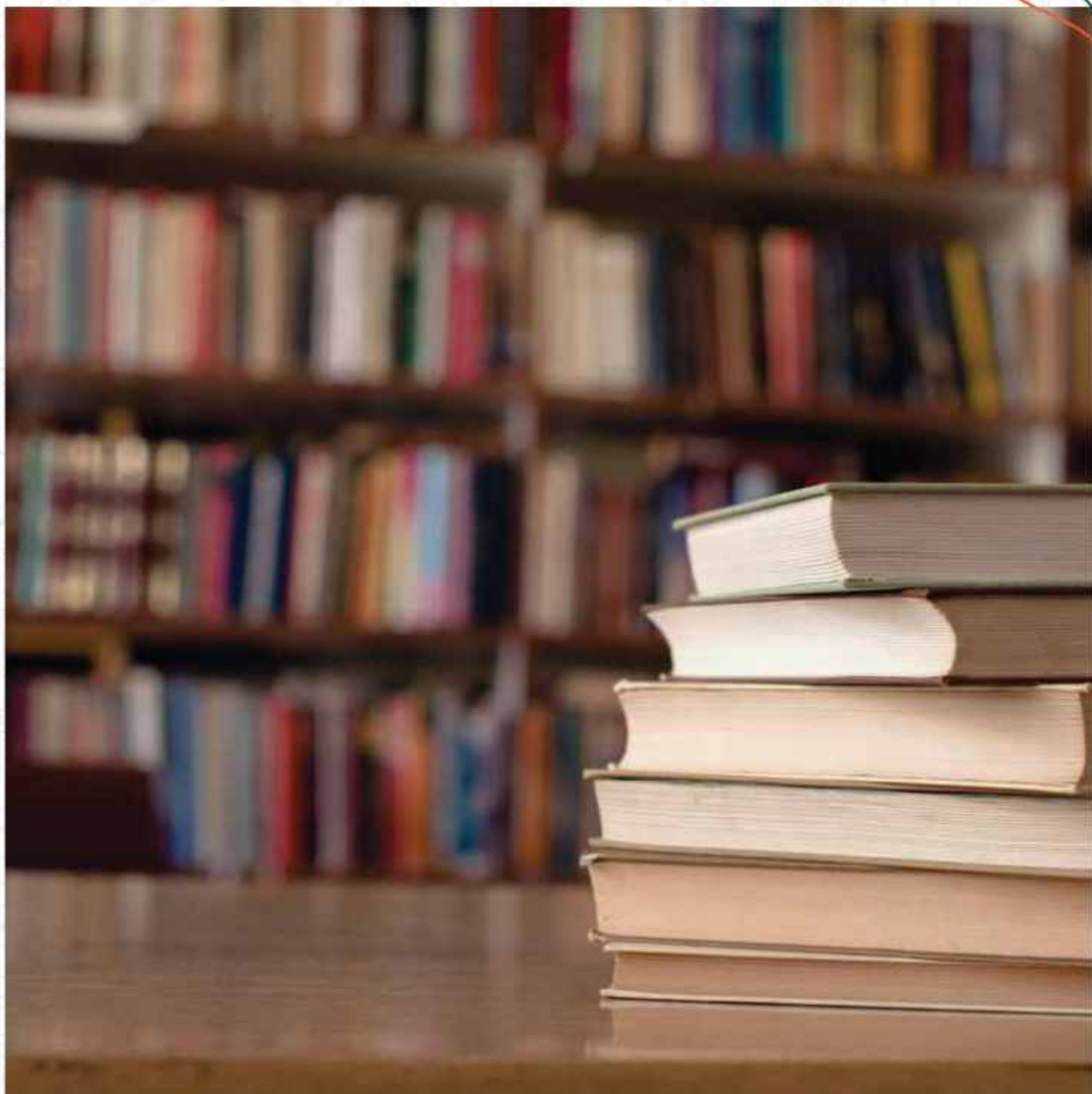
Name of the Faculty Member	Title of the paper	Name of the Journal/Conference
Swati Shriyal	IoT Device Classification Techniques and Traffic Analysis-A Review	ICTAI-2021: International Conference on Technological Advancements & Innovations (IEEE scopus journal) ISBN:978-1-6654-2087-7
Yogesh Deshpande	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
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)

Name of the Faculty Member	Title of the paper	Name of the Journal/Conference
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"	"Ites – Satoshi mega onine 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

Wilo-VU Water Quality centre of Excellence

Vishwakarma University (VU), Pune promotes education, research, innovation, and outreach in the domain of water and sanitation. The mission is to enable innovative technologies, best practices, and development in the context of the need, relevance, socialization, and localization to the community at large for the greater good. There is a major drive to ensure the bottom of the pyramid, the marginalized and needy community is very much beneficiary in this endeavour. In particular, water treatment, purification, and creating much needed social awareness about clean drinking water and sanitation.

The state-of-the-art, Water Quality Centre of Excellence in collaboration with Wilo Foundation, Germany at Vishwakarma University, is a step towards fulfilling the motto of carrying out transformational research in the domain of water and sanitation.



**VISHWAKARMA
UNIVERSITY**
Maximising Human Potential

wilo



The Centre has sophisticated equipment to measure physical, chemical, and biological parameters of water. To conduct research and measure the physical, chemical, and biological parameters of water, the Centre is well equipped with the latest models of sophisticated instruments. Wilo Foundation-Vishwakarma University promotes research in water treatment, purification and creates the much-needed social awareness about clean drinking water through its Water Quality Centre of Excellence. The centre has been established with the help of a grant from Wilo Foundation, Germany.



Services offered

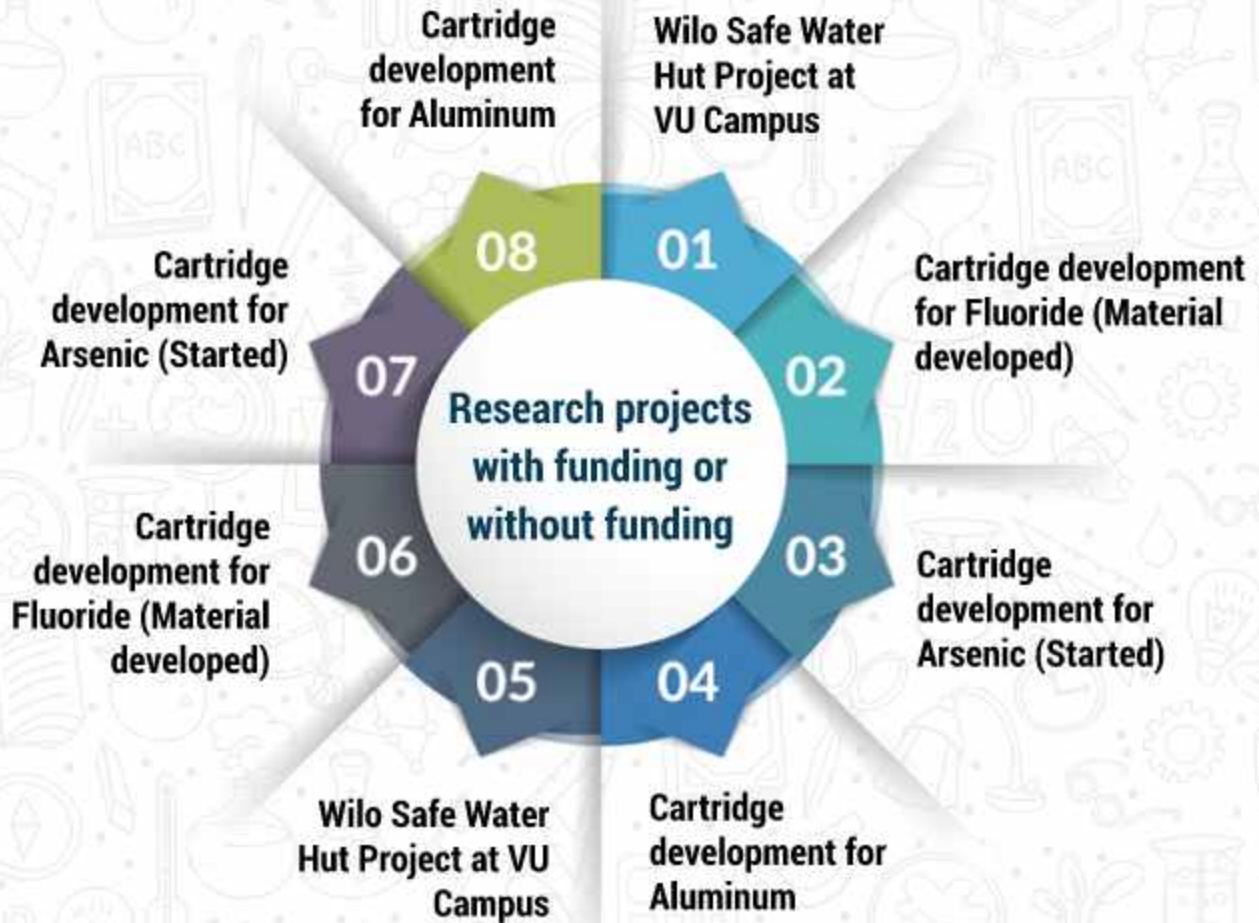
- Water Quality for Potable water, Groundwater and Irrigation water
- Water Quality for Construction water and Cooling tower
- Water Chemical and Elemental Analysis of Water samples
- Water Quality for Effluent from various industries
- Method Development for wastewater the treatment plants
- Consultation for Water treatment Consultation for Effluent treatment
- Training Facility for sample collection
- Project Guidance

The Centre is well equipped with all kinds of latest instruments utilized for testing water quality. All physical, chemical and biological tests are carried out in the centre and results are provided to the customers.

- | | | |
|---------------------------------------|-----------------------------------|----------------------------|
| • Hot Air Oven | • Micro Balance | • pH Meter |
| • Turbidity Meter | • Kejaldhals Apparatus | • Muffle Furnace |
| • Atomic Absorption Spectrophotometer | • Analytical Balance | • Biological Incubator |
| • E-coli Test Kit | • Magnetic stirrer with Hot Plate | • UV-Vis Spectrophotometer |
| • Centrifuge | • HPLC | • Flame Photometer |
| • Colony Counter | • Filtration Unit | • Multi Ion Meter |
| • Water Bath | • Heating Mantle | • Multi-Electrode Meter |



Projects



Recent Events

Visit to IFAT 2018, Goregaon Mumbai.

Saviskara students under the guidance of Wilo – VU Water Quality Centre of Excellence organized Kite Display.

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.



Centre of Excellence For Emerging Digital Grid and E-Mobility

Prepare students for technologies of the future in the Automotive domain. The Mechanical Engineering students will be offered a chance of specialization in the domain of 'Future Mobility' under EDGE Centre. Opportunities of research and internships in Industries and at ERIAN, Nanyang Technological University, Singapore.

The centre will facilitate in opening plethora of opportunities for the students-

- Mechanical engineering and Manufacturing: Design, develop, test and manufacture the tools, machines, and other mechanical devices in electric vehicles.
- Materials and Chemistry: Development, processing, and testing of materials used in electric vehicles and batteries
- Electrical engineering: Design, develop, test, and supervise the manufacture of electrical components
- Electronics engineering: Design, develop, and test sensors and other electronic components and systems for vehicles
- Software development: Design and create software that controls these vehicles Under the centre, we have conducted a VU digital course on hybrid and electric power trains. This course was equivalent to two credits of VU. It was attended by the students of the mechanical engineering department as well as other departments such as computer engineering. (Student details available with the vu digital team.) The course was conducted by the mentor of EDGE COE Dr. Anshuman Tripathi of NTU Singapore.

We also plan to build an autonomous utility vehicle in the near future.



Centre of Excellence for Design thinking

Vision for Design Thinking and Innovation

To collaboratively develop an eco-system for seeding and nurturing a spirit of curiosity, logical thinking, ideation, design thinking, creativity, innovation, collaboration and social awareness to facilitate the transformation of ideas of students and faculty to techno-commercially viable and relevant projects useful for society that enable the betterment of human kind.

Mission for Design Thinking and Innovation

We transform ideas into innovations using our VU/BU Design Thinking & Innovation process in order to make the world a better place

Goals

Build our brand and contribute to the betterment of society by applying and expanding the Design Thinking & Innovation body of knowledge

Philosophy of Centre of Excellence

Concept of centre of excellence (COE) is a team of skilled knowledge provider whose mission is to channelize the organization they work for with best practices around a particular area of interest related and in the development towards the benefit of society/industry through professional projects with a specific purpose.

Centre of excellence is also committed to fill the gaps through a rigorous research work with a defined process by collaborating with projects related to industry, NGOs/ and government organizations.



Objectives

To enable platform for collaboration, cooperation and operation for Binghamton University and Vishwakarma University (and Institutes) student and faculty

To create a design thinking and problem solving framework.

To develop multidisciplinary approach to system design.

To synergize expertise of center-of-excellences in VU for project building.

To develop cross-cultural design thinking ability.

To promote ability to innovate

Design Thinking & Innovation CoE - SWOT Analysis

What internal Strengths can we leverage?

- Multidisciplinary programs and faculty at VU experts in IPR
- Strong Industry connections and collaborations
- Strong Arts & Departments programs and faculty
- Prototyping labs on campus for new innovations
- Motivated team that is inspired by DT&I
- Developed a unique & effective Design Thinking & Innovation process (flexible, portable & scalable) - applicable across all domains
- Marketing & Branding capabilities (trademarks, promotional materials, etc.)

What internal Weakness can we overcome?

- Limited access to funding agencies
- Growing graduate programs and research project opportunities

What external Threats should we guard against?

- Other institutions trying to providing similar programs and offerings
- COVID-19 variants extending the pandemic and lockdown restrictions

What external Opportunities can we take advantage of?

- Crisis and societal changes (new normal) post-COVID "new normal"
- Growing need for safe & secure food supply chain
- Block chain technology ensures authenticity of products
- Growing interest in the Design Thinking approach to innovation and problem solving
- National innovation and Startup policy
- New Education Policy (NEP) - student can earn credit (transferable to any institution) e.g. 2+2 program with VU & BU

Strategy for OUR Center of Excellence

- Build Capacity & Brand: Students, faculty & Community
- Apply Real-World Research Projects: Student Interns & Industry Projects
- Contribute to Body of Knowledge Contributions: IPR, Books, Blogs, Publications, & Articles
- Impact Society: Outreach Projects, Industry Internships & Training
- Obtain funding: Projects & Commercialization– Grants, Awards, Income & Royalties



Process for Design Thinking

VU-BU Design Thinking Process – a non-linear framework

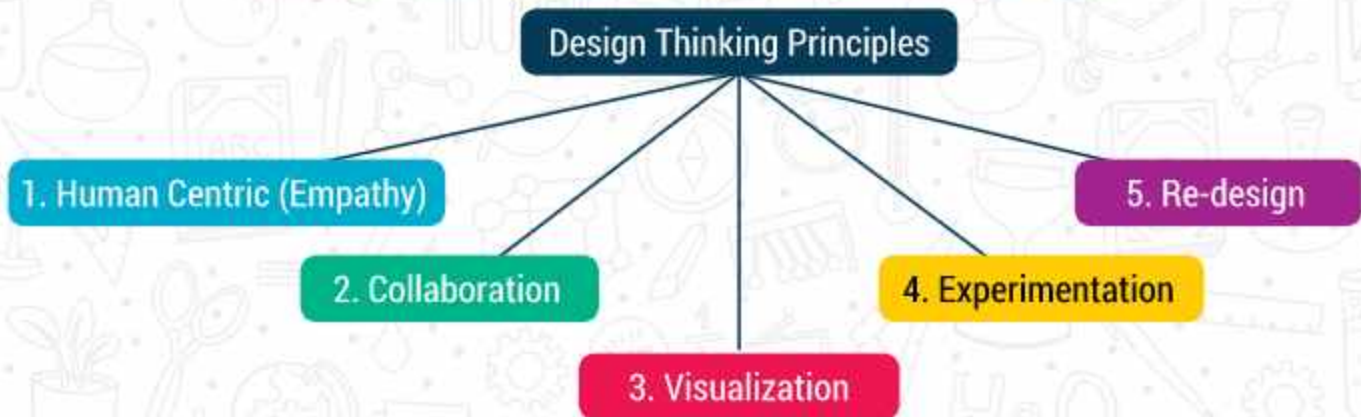
1. **DISCOVER** – Design initiation and inspiration
2. **EMPATHIZE** – Gaining a deep understanding of the end-user experience and their unmet needs
3. **DEFINE** – Synthesizing insights from the previous phases to establish a design team point-of-view (PoV) regarding the problem to be solved
4. **IDEATE** – Using divergent and convergent thinking to find the right solution or solutions prototype
5. **PROTOTYPE** – Rapidly building a low-fidelity solution (Build fast to learn fast)
6. **EVALUATE** – Test the solution with end-users and encourage feedback
7. **REFINE (ITERATE)** – Observe, Reflect, Build, Repeat and Release to the marketplace

Design Thinking and Innovation by Centre of Excellence
at Vithwankurma University, Pune



Principles for Design Thinking

The VU/BU Design Thinking Principles - There are five core principles.



1) Human Centric (Empathy) Rule: Design thinking activity is human/user centric, understanding the end users' need and desires, and then co-creating a solution that addresses their needs.

2) Collaboration Rule: Design thinking teams create psychological safety amongst team members so ideas are shared freely and openly resulting in breakthrough innovations. Teams are inclusive and open to others' ideas.

3) Visualization Rule: Visual thinking or visualization rule signifies to present varieties of ideas by drawing pictures, diagrams, models or animations to communicate the concept.

4) Experimentation Rule: The experimentation rule helps to learn which visualized idea works and which will not work by prototyping an early stage version of an idea and testing it. Here we 'fail fast to learn fast'.

5) Re-design Rule: The re-design rule signifies that initial ideas should be refined repeatedly until they are considered exceptional from the point of view of the intended users. Several design iterations are normal and expected.



5 PILLARS OF CENTER

5 PILLARS OF EXCELLENCE FOR THE CENTER



1st Pillar Capacity Building: Student & Faculty

Capacity Building methods that are participatory and develops a culture of shared learning. Use of technology to attain scale and provide individual attention to students and faculty needs. Needs Analyses essentially are methods that identify and determine the type of capacity that needs to be built in teachers through Design Thinking.

2. Projects: Student, Research & Joint

There is growing demand in our society to cultivate creativity and foster innovation. Design thinking has been successfully practiced as an educational framework for supporting innovation in educational and work contexts. However, research on design thinking education that facilitates the acquisition

of knowledge related to design process and practices is extremely limited, particularly in educational contexts. Methods study examined blogging as an instructional approach for supporting design thinking education in an online instructional technology course. An analysis of quantitative and qualitative data revealed an improvement in students' design thinking skills after participating in the course. Students were more comfortable using design practices and processes than their creative abilities.

3. Funding Projects – Grants & Awards

Design thinking is a powerful approach to new development of new idea that begins with understanding unmet customer needs. It's a human-centered design process that approaches problem-solving with understanding the user needs. Design thinking encompasses concept development, applied creativity, prototyping, and experimentation by creating different platforms for creating opportunity for design grants and awards. Thinking approaches are applied to business, the success rate for innovation has been seen to improve substantially.

4. Book Contributions: IPR, Books, Blogs, Publications, & Articles

To offers practical information to help publishers both to exploit Design Property as economic assets, and to avoid infringing the rights of others. While focusing primarily on publishers of trade books, the concepts covered are equally relevant to publishers of other printed literature, such as textbooks, newspapers, magazines and corporate literature.

5. Societal Impact: Industry Projects, Internships & Training

To understand the social impact like, Intern in an exciting, supportive environment, learn key skills, gain insight into the sector, make an impact, figure out your future is attempted.



Key Success Metrics

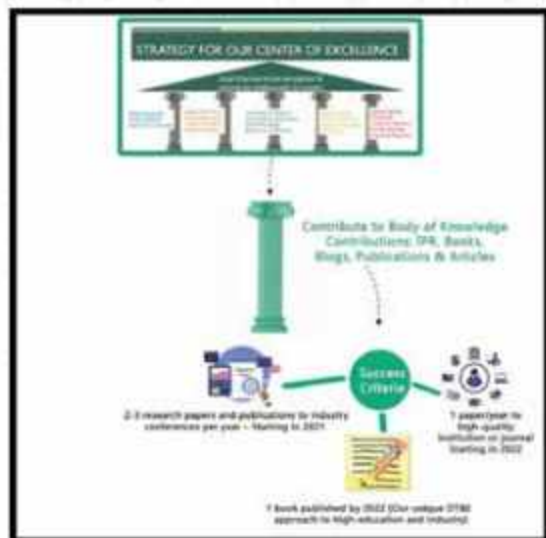
1. Build Capacity & Brand: Students, faculty & Community (PILLAR 1)



2. Apply Real-World Research Projects: Student Interns & Industry Projects (PILLAR 2)



3. Contribute to Body of Knowledge Contributions: IPR, Books, Blogs, Publications, & Articles (PILAR3)



4. Impact Society: Outreach Projects, Industry Internships & Training (PILAR4)



5. Obtain funding: Projects & Commercialization— Grants, Awards, Income & Royalties(PILAR5)



Our Team of Faculty Experts



Dr. Kailas Patil
Director for COE-DTI



Prof. Prashant Acharya
Deputy Director of COE-DTI



Prof. Apurva Thosar
Deputy Director of COE-DTI



Prof. Michael V Testani
Director for COE-DTI



Prof. (Dr.) Avadhut Atre
Dean (Art and Design)

International Speaker Webinar Series (VU/BU Innovation Technical Talks (Hub and Spoke))

1. Entrepreneurship (Dr. McLeod) - February
2. Complex Systems (Dr. Sayama) - March
3. AI/ML in Healthcare (Dr. Won) - April
4. Blockchain (Dr. Nagarur) - May

Research Projects – Pursuing funding

Research Topics:

1. Agriculture and Blockchain (IT security and food safety) – A system for India farmers to sell directly to the consumer (versus through distributors) – 30 days
2. Post COVID-19 special accommodations for physically challenged persons – 60 days
3. Cybersecurity and Design Thinking - Policy design and implementation (higher organization adoption and better compliance) – 90 days
4. Timing: Grant funding applications to be submitted in next 30, 60 and 90 days
5. Outcomes: 1-2 Conference & Journal Papers at a high-quality institution, 2-3 IP Registrations (2021+) & Startups (2022+)

Objective: Create societal Impact

Tactics:

1. Deliver WWS Higher Order Thinking skills workshops (300+ students)
2. Deliver Vishwakarma Vidyalaya faculty and student training in Critical Thinking Skills (400+ students)
3. Complete the Wilo design project
4. Perform community design and outreach projects

Outcomes:

1. Expansion of CoE brand and increase public awareness
2. Build community 'good will' and positive perception of CoE
3. 1-2 Industry sponsored design projects (2021+)
4. 1-2 startups from CoE product designs (2022+)
5. 1-2 community outreach events per year (2022+)

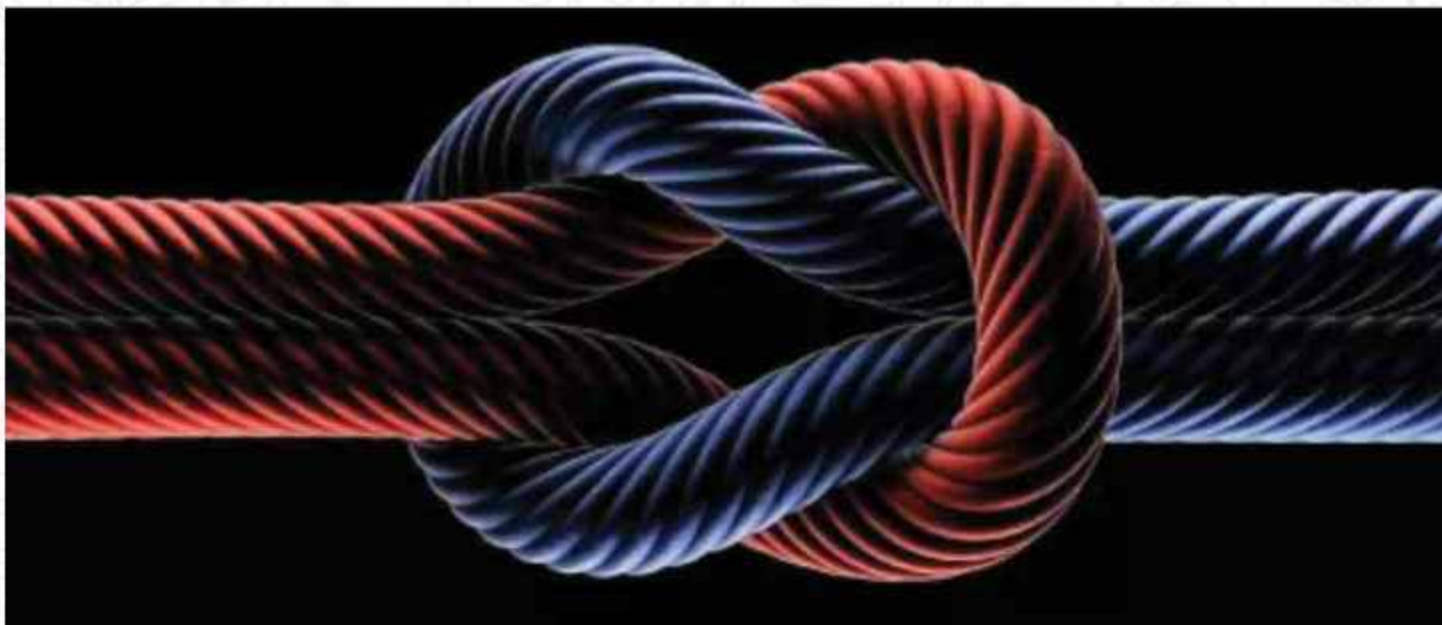


FACULTY ACTIVITIES

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.

Year	Total Strength	Male	Female
2017	61	40	21
2018	81	53	28
2019	109	46	63
2020	139	71	68



WORKSHOP ON STRATEGIC FACULTY EDUCATIONAL DEVELOPMENT AT VISHWAKARMA UNIVERSITY

DAY 1

Session-I

A brainstorming session was conducted discussing following points:

- a) View on strategic move on Faculty Educational Development at VU.
- b) Initiatives from ground up perspective
- c) What does faculty development program means to faculty at VU.

Through this discussion following initiatives were listed:

- Inter department sessions to discuss ideas
- Seminars
- Conferences & symposiums
- Recognition for innovative or extra efforts taken by faculty.

Session-II

- Teachers were divided into 3 groups according to years of teaching experience (less than 3 years, 3 to 8 years, more than 8 years). Then teaching methods followed by each group of teachers were discussed.
- Brainstorming session was held discussing different methods of teaching and how do we know that we are teaching effectively.
- How we can collaborate teaching?
- Sharing sessions between different faculties
- Appreciation
- Showcasing results of different teaching methods
- Current efforts for faculty development at VU are discussed.

Session-III

- Case studies about Blended learning, inclusive learning, collaborative learning, experiential learning and flip learning were presented
- Topics like blog writing, educational research, online teaching skills were discussed
- Discussion about educational aspirations were conducted.





Understanding of basic strategies of teaching and learning.

The workshop for day 1 introduced the idea of teaching and the significance of teaching practices as an improvement, not only for the faculty but also for the students.

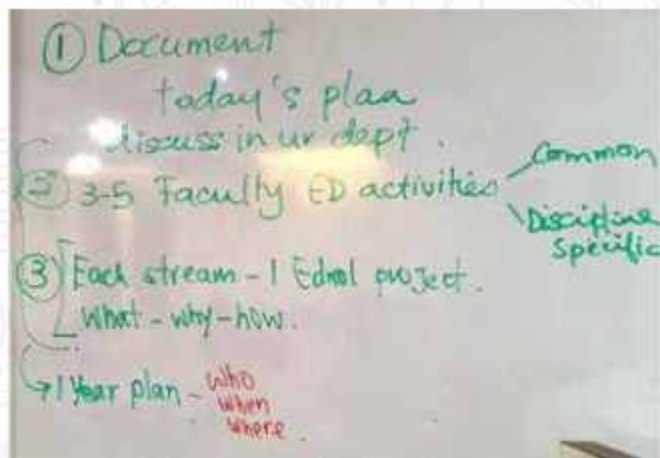
Overview of Day 1:

- Introduction of Dr. Nachamma Sockalingam.
- Understanding the works and expertise of the Dr. Nachamma Sockalingam.
- Exposure to the best practices in learning.
- Building on significant issues faced by faculty of VU by two-way inputs.
- Forming a problem statement to be addressed for the next day workshop.

DAY 2

An exercise to find out measures for faculty development were conducted. Outcomes of this exercise would be used to formulate a framework for "faculty development program at VU" for each department.

Each department team worked on it and then each team presented their work to all the participants. Dr. Nachamma derived some common factors in all the presentations and a list was finalized.



Identification of gaps in learning experience and mapping of techniques to resolve or address it in the most appropriate manner in the given setting was formed by all the participants under the guidance of the Dr. Nachamma Sockalingam.

The further brainstorming addressed the basic principles of teaching making short term goals. The points taken were generic in nature adhering to the core principles of teaching which were broadly applicable to all domains of teaching.



The workshop formed a collective list of issues faced while teaching from all faculties / participants. All the departments listed down their issues and the listing was then classified and overlaps in the lists were identified. These overlaps in the list were then discussed by the Dr. Nachamma by identifying various teaching techniques discussed presented by her on Day 1

Overview of Day 2:

- Collaboration of all the faculties to form a problem statement and a vision for their department.
- Introduction of analysis method by the Dr. Nachamma Sockalingam.
- Formulation and listing of the problems in all faculties in VU.
- Having clear distinction to group different problems.
- Classification of problems into different domains.
- Addressing the domain to solve to problems faces.

Faculty achievements (Awards, FDPs etc)

Prof. Yogesh Deshpande accepted the "Internationalization" award for VU at the 3rd ASMA Annual Convention & Awards 2019 at Pune Chapter of VRAR Association.

Prof Rahul Waghmare received the MITCON Samaj Bhushan Purskar 2020 by MITCON Institute of Managementa



PhD awarded to Prof. Mukta Shirke by SNDT Women's University on the subject "The Pedagogical Approach of Practice Based Research in Indian Art Education".

Dr. Mukta Shirke was selected for the live fundraising auction. Live life love life foundation organized the auction in association with BMC corp SWAROVSKI and COOPER corp.

Dr. Mukta Shirke was invited as a judge for a state level 'On the Spot' sketching competition for the students at SNDT Women's University Pune, on 15th February 2020 along with artist Ajay Deshpande.



Dr. Mukta Shirke got Selected for an Online Art Exhibition - KALEIDOSCOPE 2020 along with 20 other internationally reputed artists to raise the funds for CORONA warriors by Craftsbees, Chandigarh on 10th of May 2020.

Dr. Mukta Shirke was selected for the International Women's Day show at The Monalisa Kalagram, Pune. 14 pairs of artists who are all original and outstanding in their practice are a part of this show.

Dr. Bhupender Singh was invited as a chairperson for a National Conference on "Modern Trends in Psychology and Sports Psychology" held at S. P. College, Pune, from 14th – 15th February, 2020.



Prof Shubham Sherekar presented a research paper titled 'Fear of missing out, Narcissism and Emotional Regulation among Social Network Addicted Users'

Dr. Sukdeo Ingale was invited as External Expert for conducting Ph.D. (Law) interviews held on 21st and 22nd November 2019 for the admissions for Ph.D. in Law at The Department of Law, Savitribai Phule Pune University, Pune.

Dr. Sukdeo Ingale was invited as External Expert for evaluation of University Level Research Project Competition at AVISHKAR 2020-A Research Festival on 20th and 21st January 2020 at Dr. Babasaheb Ambedkar Marathwada University, (BAMU) Aurangabad

Dr. Sukdeo Ingale was invited as a judge in the 14th Shankarrao Kanitkar National Moot Court Competition 2019-20 held on 11th January 2020 at PES's Modern Law College in association with Board of Students' Development, Savitribai Phule, Pune University, at Pune, Maharashtra, India.

Dr. Sukdeo Ingale was invited as a judge in the Yashwantrao Chavan National Moot Court Competition held on 24th January 2020 at Yashwantrao Chavan Law College, Pune, Maharashtra.

Dr. Sukdeo Ingale is the Life member of South Asian Society of Criminology and Victimology (SASCV) (since 2013)

Dr. Sukdeo Ingale is the General Member of World Society of Victimology, Australia (since 2016).

Prof. Ruchira Kedar submitted thesis in 'A comparative study of the "Bol-Baant" & "Bol-Banao" styles in Thumri and the development of these styles in the 20th century' to Savitribai Phule Pune University for PhD Degree.

Prof. Ruchira Kedar received Ustad Bismillah Khan Yuva Puraskar by Sangeet Natak Akademi, Govt.of India.

Prof. Ruchira Kedar performed at Concert at Sawai Gandharva Bhimsen Mahotsav, Pune organized by Arya Sangeet Prasarak Mandal, Pune

Prof. Ruchira Kedar Performed at INS Shivaji, Lonavala by SPIC MACAY and at a Live concert at Manav Sangrahalay, Bhopal. She has conducted a workshop for BA & MA students at Tripura University & Sangeet Natak Akademi. She has also performed at a Live concert at Bharat Bhavan, Bhopal and at a Live concert at NADFM, Pune.

Prof.S.Ganamoorthy performed at a concert at Sawai Gandharva Bhimsen Mahotsav, Pune organized by Arya Sangeet Prasarak Mandal, Pune.

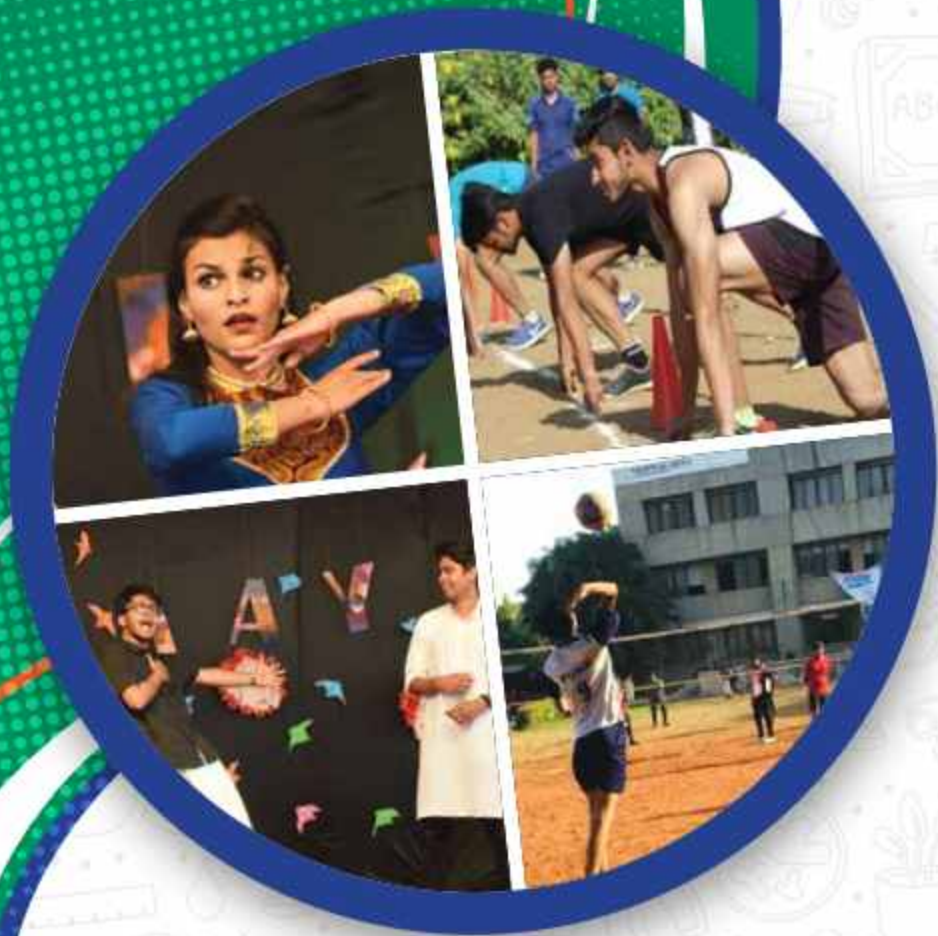
Prof. S. Ganamoorthy was invited as a resource person at Saparya, Cochin.



Online QIP's / webinars attended	Particulars	Attended by
Introduction to Energy Conservation Building Code (ECBC)	Conducted by CoA	Ar. Abhay Chavan, Ar. Aishwarya Khadse
Research Approaches in Architecture and Urban Planning	Conducted by SPPU	Ar. Nalini NaikNimbalkar
Doctoral Research Orientation Programme- DROP	Conducted by SPPU Pune	Ar. Nalini NaikNimbalkar.
Conscious Induction of Skills in Architectural Pedagogy:The Need of Time	Conducted by CoA	Ar. Nalini NaikNimbalkar.
GRIHA V 2015 training programme	Conducted by GRIHA	Ar. Aishwarya Khadse
Learning to teach and teaching to learn : Architecture online	Conducted by CoA	Ar. Anjali Rasane, Ar. Nalini NaikNimbalkar
Advanced Building Services	Conducted by CoA	Ar. Anjali Rasane, Ar. Abhay Chavan, Ar. Nalini NaikNimbalkar
Series on learning,Pedagogy and effective use of case, methodology	ASM and ASMA Group	Prof Ashwini Sonawane
Women In 21st Century: India and Abroad.	MGM College of Journalism and Mass Communication	Prof Abhishek Bhosale
Managing Online Classes and Co-Creating MOOCs 2.0	Teaching Learning Centre, Ramanujan College, University of Delhi sponsored by Ministry of HRD	Prof. Deepshikha Sharma
"Effective Ways To Develop E-content For Teaching-Learning"	Maratha Vidya Prasarak Samaj's, K.R.T. Arts, B.H. Commerce and A.M. Science (K.T.H.M.) College, Nashik in association with Human Resource Development Centre (UGC-HRDC), Savitribai Phule Pune University, Pune	Prof. Apurva Bhilare
Seven Days National Online Workshop on "Research Methods and Techniques"	Ramanand Arya DAV College in association with the University of Mumbai	Dr. Sukdeo Ingale
One Week Online National Workshop on 'Interdisciplinary Research Methodology, ICT Application and Innovations in Teaching Learning Process'	St. Francis De Sales College, Nagpur, Maharashtra, India	Dr. Sukdeo Ingale

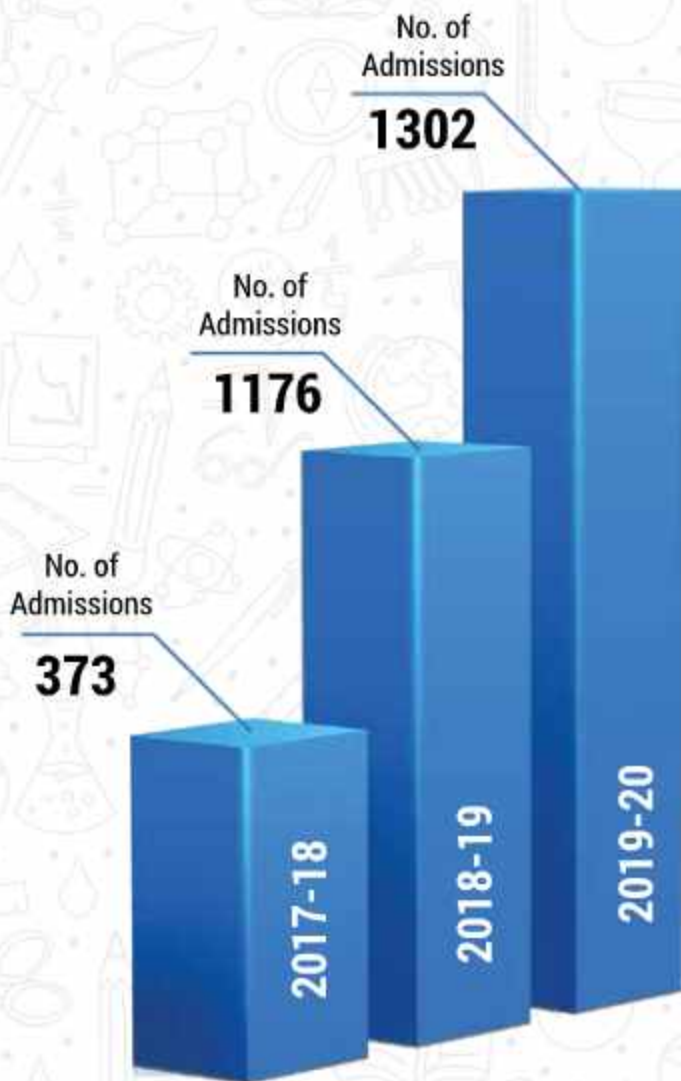
Online QIP's / webinars attended	Particulars	Attended by
Three Days National Webinar on Artificial Intelligence and Application of AI in Indian Legal System	Nari Gursahani Law College, Thane, Maharashtra, India	Dr. Sukdeo Ingale
Two Week Online Workshop on "Comprehensive e-learning to e-training guide for Administrative Work"	Teaching Learning Centre, Ramanujan College, University of Delhi in association with the Ministry of Human Resource Development under the Pandit Madan Mohan Malviya National Mission on Teachers and Teaching at Delhi, India	Dr. Sukdeo Ingale
Special Guest Lecture Series on Quality Academic Research under the Faculty Development Programme	MMM's Shankarrao Chavan Law College, Pune at Pune, Maharashtra, India	Dr. Sukdeo Ingale
Two Days Advanced Training Programme-I on Legal Regime of Cyber Laws in India with Special Reference to Information Technology Act, 2000 and the Personal Data Protection Bill, 2018	Dr. D. Y. Patil Law College, Pune at Pune, Maharashtra	Dr. Sukdeo Ingale
Five Days Faculty Development Programme on Research and Development in Legal Pedagogy in Post Pandemic India	Amity Law School, Amity University, Kolkata	Dr. Sukdeo Ingale





STUDENT ACTIVITIES

Student Strength



Students Achievements (Academics, Sports, Extra-curricular)

1. Mechanical Engineering students team Overdrive participated in an international online competition of FSEV (Formula Student Electric Vehicle) organized by Formula Bharat.
2. Team Overdrive secured its first win ever at eFKDC (Electric Formula Kart Design Challenge) organized by FMAE. Due to this the team secured a direct entry for FKDC to be held at Kari Motor speedway.
3. The Team secured its first podium a high 2nd rank in e-GKDC (Electric Gokart Design Challenge) organized by ISNEE Motorsport. It was the first trophy secured by the team in only its second competition.
4. Radha Chavan (Student from BA VI Sem) successfully completed 1st Dan Taekwondo Promotion Test on 21st July 2019
5. Saherish Khan (Student from BA VI Sem) successfully won Best Actor Female in Short Films Category at Quick Heal CY-FI Arts Festival in 2019



Extra Curricular Activities

Vishwakarma university students were participated in the state level intercollegiate tournaments, recently in Vishwanath sports meet 2020 state level tournaments organized by MIT, ADT Loni. VU students participated in table tennis, volleyball & football tournaments. VU Table Tennis team secured 2nd position & awarded by the former Indian cricket team captain Shashikant borde sir. All the students were participated in this event under the guidance of sports incharge prof. Kailas Bhosale.



Vishwakarma University students were participated in following sports games at Annual sport fest meet 2020:

Cricket (Boys & Girls)



Athletics 100 M Relay (Boys & Girls)



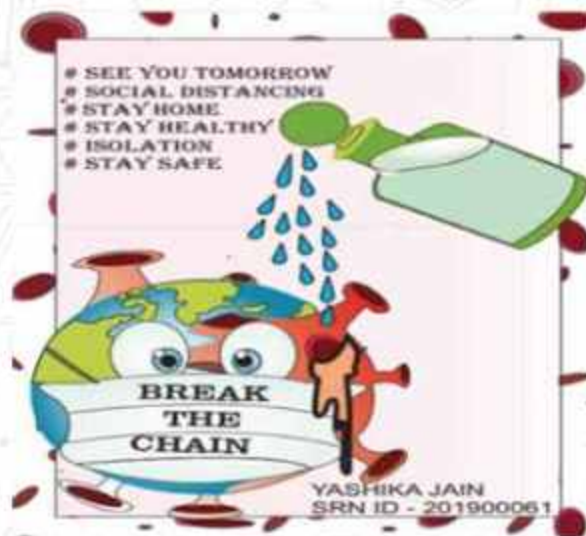
Volleyball & Kabaddi (Boys)



Carrom (Girls & Boys)



Social Initiatives



Tree Plantation on 2nd Oct 2020

On the occasion of 151 Birth anniversary of Mahatma Gandhi, Father of Nation, the Vishwakarma University has organized tree plantation drive in the campus of University, and planted 48 Indian trees approved by Pune Municipal Corporation . i.e. chandan, kailaspati etc. With the limited numbers of participants as per the Governments guidelines about this covid 19 pandemic situations.



Feed back about SBSI From Villagers: Video



Recently Vishwakarma University Awarded Perennial Fund By UBA

- Shortlisted for receiving Perennial Funds worth 1.75 lakh rupees under UBA!!!
- Rajarambapu Institute of Technology, Rajaramnagar, Sakhrale (C-11208)
- THADOMAL SHAHANI ENGINEERING COLLEGE (C-3368)
- Vishwakarma Institute of Information Technology (C-41497)
- Symbiosis International (Deemed University) U-0329)
- Vishwakarma University (U-0888)

Yoga Day Celebration



Independence & Republic Day Celebration







INTERNATIONAL PRESENCE

MoUs

Wufeng University
 Korea Institute of Science and Technology, South Korea.
 Nanyang Technological University
 Meetra UG, Berlin , Germany
 Ecole Nationale Superieure Mines - Telecom Lille Souai
 Ontario Universities International
 National University, California
 National University of Singapore
 Hof University of Applied Sciences Hof, Germany
 Kasetsart University, Thailand, Bangkok
 The University of Ngaoundere
 Binghamton University State Private University of new work
 EK Affairs Limited
 Asian Institute of Technology
 Qi Square Pte Ltd

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Exchange Programme

International Relations

International Collaborations Student Exchange

Sr No	Name	Programme	University	Duration
1.	Aanad Munot	BBA (C&M)	York University, Canada	Sept'19 to Dec'19
2.	Tanishka Kharadyy	BBA (C&M)	Hof University, Germany	Oct'19 to Feb'20
3.	Jaideep Nadkarni	MBA (C&M)	Hof University, Germany	Oct'19 to Feb'20
4	Prathamesh Hire	SY Mech (S&T)	Hof University, Germany	Oct'19 to Feb'20



Sr No	Name	Programme	University	Duration	Summer
1.	Hariharan Chandrasekharan	MA Economics	Hof University, Germany	July 10 to July 31, 2019	July 10 to July 31, 2019
2.	Yogikumar Patel	BBA (C&M)		July 9 to July 26, 2019	Production n Supply Chain Mgmt
3.	Bhavin Ruparel	BBA (C&M)			
4	Suhas Kare	BBA (C&M)			
5	Ayushi Patel	BBA (C&M)			
6	Shubham Ugale	BBA (C&M)			
7	Manas Umesh Mundhad	SY Mech (S& T)			
8	Akanksha Vashishth	BBA (C&M)	Hof University, Germanyz	Jan to May, 2020	-
9	David Ninan	BSc Computer Science			
10	Gauri Karanjkar	BA Fashion Design			
11	Soham Mahaja	B.Tech Mech			





**INDUSTRY
CONNECT**



Vishwakarma University - Career Support Office (CSO)

Philosophy of CSO

Vishwakarma University (VU) supports career advancement of students in multiple ways. Also, there are several initiatives in place to make students career ready. The goal is to maximize students' potential for life and livelihood. In order to map student preferences, skill sets, and possible career pathways, the university conducts batch profiling exercises for all pre-final year students. This helps in providing the best possible training, mentoring, job opportunities, and other career advancement opportunities.

The Career Support Office at VU also facilitates job openings, job requirements, internship opportunities, and paid projects as part of the Campus Placement program for all final year students.

Employability Enhancement Programme (EEP)

Employability Enhancement Programme included aspects as follows;

- Career Progression and Career Planning
- Career Readiness and Industry Expectations
- Economy, Sectors, and Industries
- Campus Placement Drives orientation
- Emerging Industry Trends
- Entrepreneurship and self-branding

The students were provided with reference material / pre-reading content on the topics such as Answers to Tough Interview Questions; Group Discussion topics examples; Job Interview FAQs; Management Jargon; and Power Words. The students were provided with tools/frameworks such as Career Path Analysis, Job Search Plan, and CV template. Career Success Factors and Interview Success Factors

Career Progression Pathways and Support Mechanism

Vishwakarma University provides assistance to interested candidates for meeting their career pathway goals with respect to entrepreneurship, competitive exams, and further studies. Considering the newer socio-economic realities, the students are encouraged to consider multiple pathways and select the best one for themselves.

Industry Connect (2017-2019)

700+
Industry
Linkages

400+
Student
Internships
and Projects

200+
Esteemed
Industry
Recruiters

25+
Industry
Collaborations

Career Progression Updates (2019 – 2021)

Given below is the summary of VU alumni who have secured job offers through campus placement as well as professional network.

Career Progression	2020 Passing Out Batch	2019 Passing Out Batch
Job	107	36
Business	24	08
Higher Study	34	0



Internships and Projects (2017-2020)

Semester
/ Long
Duration
Internships:
50+

Summer
Internship
Offers:
100+

Live
Projects:
250+

Top Recruiters

Employability and Career Success orientation to the First year (newly admitted) students

This session covered aspects such as career progression, value creation, 21st century global trends, top 10 skills, employability dimensions, professional differentiators, interview success factors, and necessary skills for personal excellence.

Industry Advisory Board (IAB) – Faculty of Art & Design Art & Design

With the aim to achieve relevance, context, and preparedness of students as per needs of the industry, domain specific Industry Advisory Boards (IABs) are getting established in VU.

The objectives are as follows;

- To Strengthen Industry - University Connect
- To Improve Employability Enhancement Efforts
- To Integrate Industry Perspective in Teaching-learning
- To Sensitize Teachers about the Industry requirements
- To Identify Industry Exposure opportunities for Students

The IAB comprises of Senior Industry Professionals, Business Leaders, Entrepreneurs, Representatives of Professional Bodies, and Leaders from Social Enterprises.



MoUs with industry, government or any other organizations

Organization	Nature of Linkage/Collaboration	Brief about organization
Philips Healthcare	MoU - Collaborative Research in Healthcare	Philips is a diversified technology company, focused on improving people's lives through meaningful innovation. Students and faculties at VU are engaged in research projects under VU-Philips Collaboration
Seiler Garepa Pvt. Ltd.	MoU - Industry Exposure to Students	Seiler Garepa India Pvt. Ltd. is established with the mission of promoting Make in India. It's a joint venture between Garepa Engineers and M/s Seiler Vakuumtechnik GMBH.
Auto Cluster Development & Research Institute	MoU - Industry Exposure to Students	The Auto Cluster Development & Research Institute is a facility for providing support to Small & Medium Enterprises by providing an area of common facility, validation, training, seminar, workshop & market promotional activities especially for the automotive and engineering sector.
Friends Union for Energizing Lives (FUEL)	MoU - Employability Enhancement of Students	Friends Union for Energizing Lives (FUEL) is a credible non-profit organization which provides Career Guidance and Skilling to the students throughout India to bridge the divide that exists between industry and academia.
Mahesh Industries Group (MIG)	MoU - Interface with Micro, Small and Medium Enterprises	It is not for profit organisation, committed to promote and encourage new age entrepreneurs and be a networking platform for fellow Maheshwari Industrialist. Our Collaboration provides students an interface with Micro, Small and Medium Enterprises Our Collaboration provides students an interface with Micro, Small and Medium Enterprises
Ogee Studio Pvt. Ltd.	MoU - User Experience and User Interface Design	Ogee Studio specializes in the design and development of compelling, modern, rich user experiences (UX & UI) and interactive visualizations for complex information systems in the B2B space.
Quick Heal Technologies	MoU - Cyber Security Training and Awareness	Quick Heal Technologies Ltd. is one of the leading IT security solutions company. The collaboration with VU will enable engagement of students and faculties in cyber security awareness initiatives and trainings.
Center for Police Research (CPR)	MoU - Joint Research on Social Issues	The Centre for Police Research plans, promotes and provides education / training in leadership, security, policy, & management areas. The mutual collaboration, given each other's strength in research and facilities thereof, will mutually benefit the students and faculties of CPR & the VU.

Organization	Nature of Linkage/Collaboration	Brief about organization
TGC Technologies Pvt. Ltd.	MoU - Capacity Building and Projects in Gamification	VU and TGC decided to work together with a vision of Conducting research on emerging issues in the industry related to Gamification and allied disciplines, by engaging a cross-functional specialized group of teachers and students on the Gamification projects.
Kesari MICE	MoU - Industry Participation in Curriculum Design and Delivery – Travel & Tourism	Kesari MICE is a division of Kesari Tours Pvt. Ltd. which established its unique identity in the Indian tourism industry through innovative ideas and excellent services. Under VU - Kesari Mice Collaboration we enable industry participation in curriculum design and delivery.
Hodek Vibration Technologies Pvt. Ltd	MoU - Collaborative Research and Joint Projects	Hodek Vibration Technologies Pvt. Ltd. is Asia's leading manufacture of Torsional Vibration Damper for engines. VU Have collaborated with Hodek to nurture innovation and develop joint research projects
Buldhana Urban Cooperative Credit Society	MoU - Industry Participation in Curriculum Design and Delivery – Micro-Finance	Buldana Urban was established in 1986, with 456 branches in 4 states of India as of today. With an aim to bring industrial perspective in our curriculum and to enable industry participation in curriculum design VU collaborate with Buldana Urban.
HCL Technologies	MoU - Software Training and Skill Development of Students	HCL Technologies is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. Under the VU HCL Collaboration, we are trying to provide software training and skill development inputs to student to build sustainable education ecosystem
Jnana Prabodhini's Institute of Psychology (JPIP)	MoU - Psychometric Assessment and Counseling	Jnana Prabodhini's Institute of Psychology (JPIP) is an offspring of Jnana Prabodhini - the mother Institute and a psychology wing of Jnana Prabodhini Sanshodhan Sanstha (JPSS) and it is affiliated to the University of Pune as a research centre.
Quick Heal Foundation	MoU - Cy-Fi Arts Festival	Quick Heal Foundation, conducts competitive festival of Short Films aimed at creating a vibrant platform that portrays the impact of digital revolution on human life by name Cy-Fi Arts Festival, organized by Vishwakarma University (VU)
Ethnus	Finishing School Training	Ethnus offers industry-recognised certification programs in emerging technologies. We prepare learners for the future of work, training people in skills companies need.

Institutional Memberships

ASSOCHAM	Membership	The Associated Chambers of Commerce and Industry of India is a non-governmental trade association and advocacy group based in New Delhi, India. The organisation represents the interests of trade and commerce in India, and acts as an interface between issues and initiatives.
ADI	Membership	ADIs vision is to be a world class network representing professional interests of Indian Design community, creating a meaningful interface between design professionals, people as users, the industry, education institutions and the policy makers.
NIPM	Membership	National Institute of Personnel Management (NIPM), is the only all India body of professional managers engaged in the profession of Human Resource Management, Industrial Relations, Labour Welfare, and Training & Development in the country.
ISTD	Membership	ISTD Organizes Training Programs, all over the country both at Chapter and National Levels. The Programs cover selected areas of HRD with special emphasis on Training of Trainers, Training Goals & Objectives and Training Tools & Technologies.
WF-NEN	Membership	Wadhvani Foundation is a not-for-profit with the primary mission of accelerating economic development in emerging economies by driving large-scale job creation through entrepreneurship, innovation and skills development.
MCCIA	Membership	MCCIA continuously strives to promote Pune as a premier investment destination as well as a major global source of quality products and services.MCCIA has been instrumental in setting up and bringing to Pune several institutions important for business.
CII-Yi	Student Chapter	Young Indians engage students in various initiatives that the students conceptualize, and execute.In tune with the Yuva vision to influence inspire and motivate millions of students across the country, Yi is working with Vishwakarma University by forming a Yi Yuva chapter at VU
TSSC	Membership	An industry led apex body set up by the Cellular Operators Association of India (COAI) to ensure adequate availability of skilled manpower to boost growth and productivity in the Telecom sector.
NIQR	Student Chapter	National Institution for Quality and reliability is administered by a National Executive Council. Industrialists, Top Level officers Managers, Professionals are the Members of the Executive Council and Branch Executive Committees.
NHRDN	Membership	Established over 30 years ago, NHRDN is an autonomous, not-for-profit professionally managed organization, playing a catalyst role in grooming leaders for tomorrow.

Industry Exposure to Students

We firmly believe that a student's placement is a result of their aspirations, family expectations, the industry scenario, and the university-industry connect. The University has developed a Career Success Factors framework for the holistic development of the students with respect to Knowledge, Skills, and Attitude. It is appreciated that the employability enhancement is a continuous process and needs to start right from the commencement of the programme.

The Career Support Office internally promotes learning, networking, and showcase event opportunities wherein students can participate. This mainly includes webinars, workshops, summits, conferences, exhibitions, training, certifications, etc. Such external events are generally organized by industry associations, professional bodies, recruiters, etc.

Additionally, the Career Support organizes several sessions for the benefit of students including;

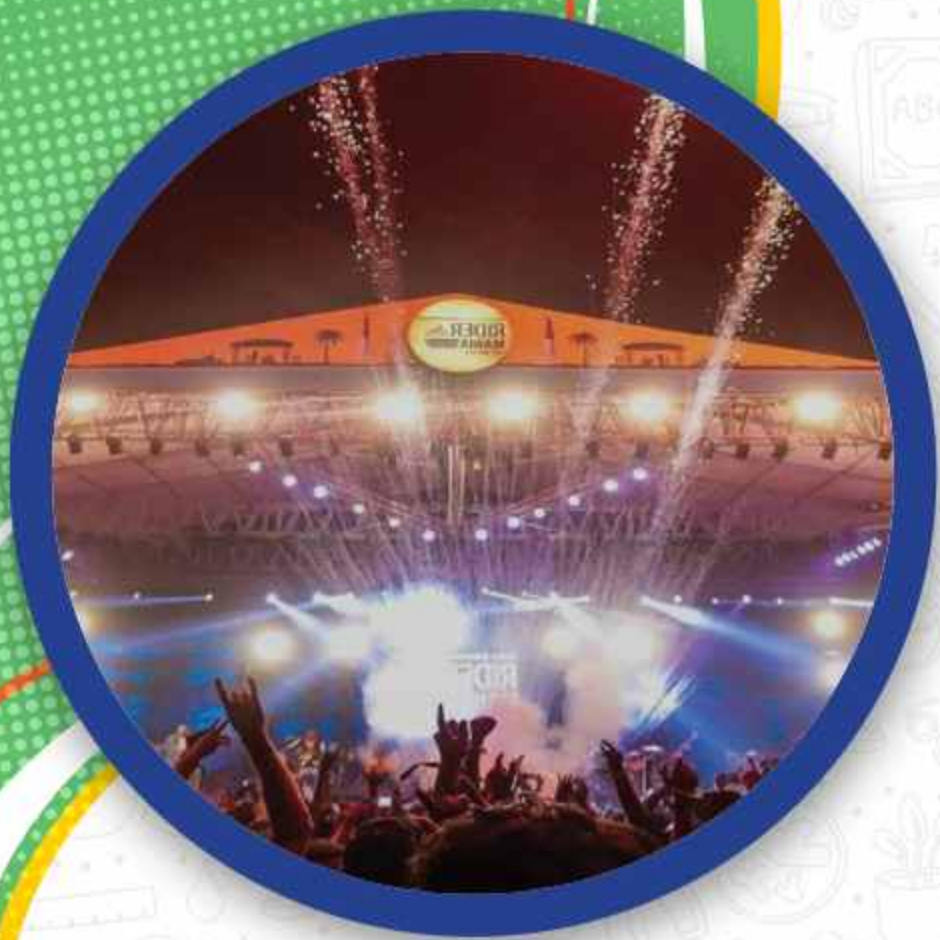
- Career orientation sessions for the newly admitted students.
- Internship and project guidance sessions for the pre-final year students.
- Career readiness / employability / finishing school training for the final year students.

CSO Team

The University has invested in a well-equipped set-up for the industry connect team, high caliber staff, and evolved internal processes for exploring better job requirements. The team is mentored by the management, senior leadership, industry advisors, and seasoned academicians.

30+ Student Champions representing various programmes and 15+ Faculty Leaders representing various departments play a crucial role in internal coordination throughout the year.





EVENTS

World Architecture Day (First Monday of October)

Students' work is displayed and various informative lecture sessions & Discussions are organized.



World Pharmacist Day 2019

The Department of Pharmacy celebrated the World Pharmacist Day 2019 with the theme "Safe and Effective medicine for all" on 25th September 2019 as per the guidelines provided by the Federation of International Pharmaceutica (FIP). The students of B Pharm Sem- I participated actively in various activities planned on the day including Pharmacist rally, Placard competition, Essay competition and video message competition. The major attraction of the event was the health checkup camp for the faculties of Vishwakarma University where the faculty members as well as student volunteers carried out the tests to check vital parameters like haemoglobin detection, blood group estimation, blood sugar estimation as well as blood pressure measurement.



Safe & Effective medicines for all'

Activity: Essay Competition.

On the occasion of World Pharmacist Day 2019, an Essay competition was organised at Vishwakarma University School of Pharmacy. The event was coordinated by Mr. Makarand V. Puri, Asst. Professor, Dept. of Pharmaceutical Chemistry. Students of B. Pharmacy first year, Sem- I participated actively in this competition. A total of 14 students participated in this event.

The competition was anchored by Mr. Purvesh Kolte, student- B. Pharm Sem- I. Before starting the essay, rules of this competition were introduced to the student by the event coordinator and the student codes were allotted to the students as well as student attendance was recorded. The essays were submitted and collected by the coordinator for further evaluation by the Jury members.



Activity: FIP Video message competition

On the occasion of World Pharmacist Day 2019, an Essay competition was organised at Vishwakarma University. On the occasion of World Pharmacist Day 2019, an FIP (Federation Internationale Pharmaceutica) Video message competition was organized at Vishwakarma University School of Pharmacy. The event was coordinated by Mr. Makarand V. Puri, Asst. Professor, Dept. of Pharmaceutical Chemistry. Students of B. Pharmacy first year, Sem- I participated actively in this competition. A total of 06 students participated in this event. The students recorded their video message based on the theme using the official Android app WPD2019 launched by FIP.

Before starting the competition the participants were given a demonstration of the app- WPD2019 by the event coordinator and the rules for the competition were also explained.



Various interactions by Industry Experts were conducted

1. Integrating HR Strategy with Business by Shri. Jitendra Paturkar, Sr. HR Professional Pune.
2. Basics of Innovation and Sectoral Innovation by Mr. Adarsh Bhargava, General Manager WIPRO USA
3. Solo to Public - Journey of an entrepreneur by Mr. Vijaykumar Kshirsagar, Chairman & Executive Director, RM Drip & Sprinklers Ltd. USA
4. Agile project management by Mr. Sangram Khare, Sr. Manager, Al Futaim Dubai
5. Understanding the Gold Market by Mr. Vastupal Ranka, Ranka Jewelers
6. Gamification by Mr Rajib Chowdhury, Founder The Gamification Company
7. Changing Market dynamics in IT industry by Mr Deepak Jugoolar, Associate Director Cognizant Pune
8. Lean Startup – Canvas by Mr. Nikhil Jain, Founder Foreign Admits.com
9. Expectations of Global companies from Management Graduates by Dr. Lawrence Henesey, CEO, SimPORT AB Sweden
10. How financial markets work by Mr. Sudhakar Kulkarni, Consultant to Economic Offenses Wing of Pune Police.



Sankhyakriti- Drawing young minds to the challenging field of statistics

Vishwakarma University's Department of Statistics, under the Faculty of Science and Technology successfully organized Sankhyakriti, a National level competition. The event comprising various competitions received an enthusiastic response from more than 162 participants from across the country. Praising the meticulously planned event, the Chief Guest for the program Mr. Alok Kumar (Joint Director, Ministry of Statistics and Programme Implementation, National Statistical Office (Field Operations Division, Regional Office, Pune) enlisted three steps for success-risk-taking, data analysis and decision making. Addressing in his turn, the Guest of Honor Dr. Pulak Guhathakurta (Scientist-F, India Meteorological Department, Pune) took all on a brief and interesting tour of the history of Indian statistics, the dynamics of weather forecasting and interpreting climate data for a safe future. Competitions such as the Project Competition, Poster Competition and Quiz Competition.



National Institution for Quality and Reliability Student chapter Inauguration

National Institution for Quality and Reliability (Est 1987) inaugurated the first student chapter in Western India (Pune) with Vishwakarma University. The objective of the event was to bridge the gap between Industrial applications and academic knowledge and to introduce the students about the industrial demands and requirements. The members of NIQR encouraged students to take part in the various activities conducted by the council regarding the revolution 4.0 where the latest technologies and their implementation in the industries are discussed.

The Purpose of NIQR in India is to develop the Indian industry to meet the standards. The biggest challenge of NIQR is to consider small businesses in India and help them to improve in terms of general quality. The NIQR is administered by the National Executive Council working under the headquarters in Chennai. Leading Industrialists, top level executives and professionals are selected via a democratic process with appropriate representation. At the end of the event the members of NIQR felicitated students of the Department of Statistics with membership certificates.

Shastra Pooja Divas

The faculty and students of Art & Design came together to celebrate and worship Lord Sarasvati on this auspicious occasion of Shastra Pooja Divas. The Puja was held in various departments of Art & Design which included Product Design, Graphic Design, Fashion Design, Interior Design, Photography and Computer Lab. Date- 7th October 2019.



Genesis- the exhibition

After the conclusion of the Induction programme, students of Art & Design are again embarking on an exciting design journey by taking part in various classroom activities and workshops.

These activities will help them shine their design skills and prepare them for more advanced design-related learning and processes. During this first month of this academic session, the students of Art & Design have explored various materials such as POP, Clay, Fabric, Wood, Resin, Foam Brick etc. They have also learned the concepts of colour, form studies and material exploration. 'Genesis- the exhibition of academic work' is organized at Leonardo-da-Vinci Building, Vishwakarma University from August 13 to 16, 2019. During 'Genesis', students of Art & Design showcasing the results of their maiden creative endeavor.



One Day Study Tour

A one day study visit under the subject of Drawing for Design to 'Raja Dinkar Kelkar Museum', at Bajirao road, Pune was arranged for Bdes Foundation Students on 7th October 2019.



Foundation students visited Mahatech 2020

Bdes Foundation Students first year visited Mahatech 2020



Urban Sketchers- Art exhibition Visit

A visit to Art exhibition named Urban Sketchers at The Monalisa Kalagram on 25th January 2020- Bdes Foundation Students.



Creative Dolls- Art exhibition

Visit to the Art exhibition named Creative Dolls (Fabric dolls) at Balgandharva Rang Mandir on 25th January 2020- Bdes Foundation Students.



Visit to Bamboo Festival on 15th Feb 2020 at Ganesh Kala Krida Mandir.



Design Thinking Workshop from 25th to 27th February 2020 foundation students- Bdes Foundation Students.

Exhibition visit to ART2DAY gallery on 29th Feb."Expression of Interiority" by Prof.Vivek Nimbolkar. - Bdes Foundation Students.



Visit and Workshop at Bamboo Tales

Visit and Workshop at Bamboo Tales from 25th September 2019 – 28th September 2019 for Product Design Students.

The aim was to promote and spread awareness regarding the usage of bamboo and bamboo products within students.

Students of Faculty of Art & Design of Vishwakarma University have exhibited their artworks in Eventorium on 17th & 18th October 2019.



Lakme Fashion Week Visit 31/01/2019 At Mumbai

A&D Fashion Students attended Lakme Fashion Week, Mumbai. Lakmé, is India's number one colour cosmetics and leading premium skincare brand from Hindustan Unilever Ltd. Lakmé has been the pioneer of make-up and color cosmetics in India since 1952 by launching numerous trend leading and high performance products. Lakmé Fashion Week has been conceived and created with a vision to "Redefine the future of fashion and integrate India into the global fashion world." Lakmé Fashion Week is organized twice every year. The purpose of this visit is to study the latest designs (themes and materials) in the Fashion Industry.



Visit to the Tribal Museum on 1st October 2019

Tribal Museum is a widely popular museum in town for its artifacts on the evolution of human beings and the rich cultural heritage of India. Built in 1962 as an extension of Tribal Research and Training Institute, Pune, the entry to the museum for the public began in 1965. Boasting exhibits and displays made out of sticks and straws, the museum primarily focuses on portraying the culture and lifestyle of the tribals from the Sahyadris and Gondwana region in Maharashtra. The museum boasts of articulating the tribal lifestyle in great detail with its elaborate collection of photographs, paintings, artifacts and everyday use products. For the same reason, the museum is also thronged by several researchers and analysts in addition to the regular tourists. Among the many exhibits, displays and artifacts, the most noticeable ones include jewelry, tools, handicrafts, costumes, idols, musical instruments, photographs, weapons, household items, warli paintings, bamboo works, masks, tools, clothes, utensils etc.

VU Fashion Students had gone through the essence of Tribal life and their craftsmanship & the Sustainable aspect of design through observation. They also learned about the skills of craft & composition, Design implementation, Materials used in Tribal life.

Entire visit was conducted under the guidance of Art and Design faculty members.



Annual Fashion Show - VIRAASAT

The fashion quotient of Pune surely went a notch higher on Saturday with the successful conclusion of Viraasat- A first of its kind annual Fashion Show put together by the students of Vishwakarma University's Fashion Design Department. "Viraasat" is inspired by the best of the traditions of Indian textile through a riveting line-up of contemporary designs all crafted and curated by the budding designers of Vishwakarma University. The attractions included Daboo Printing, Jute and Khun fabrics, among a host of other innovative themes, that respect our roots of tradition and environmental responsibility/ eco-friendly aspect. The open-air setting of Liberty Square at the Phoenix Mall turned out to be the perfect venue for the talented budding designers to showcase some innovative and inspiring designer wear, all crafted and curated by them. The two hour fashion extravaganza got off to a glittering start and lived beyond its expectations. Staying true to the schedule, the inauguration ceremony was graced by the renowned fashion expert Badal Saboo, CEO of the World Fashion Week as the chief guest. The students are well groomed and guided by Prof Avadhut Atre, Dean of Art and Design faculty along with Prof. Reena Pandye, Head of Department and her faculty colleagues. The University leadership and faculty encouraged and lauded the efforts put together by the Fashion Design students. The Peacock Wonder theme set the tone for the evening followed by Neun Grandeur based on the ninth gate of the Pink city, the Reincarnation, the Upcycling, the Desi Charkha inspired by Ajmeri Gate of the fabled Pink City, and Kalamkari among others spanned across two hours of riveting display of creativity on the ramp.



Depicting these themes woven around traditional textiles in the contemporary avatar, the student models swayed and sashayed with captivating panache impressing the guests and audience alike. Speaking on the occasion, the celebrated fashion leader Badal Saboo highlighted the importance of being an influencer in today's age while praising such a platform for budding fashion designers to experiment, innovate and inspire the society. Talking about fashion and fitness, Maheer Karanjkar expressed that fitness is also being mentally strong and is not limited to a number. Known model stylist and bollywood talent trainer Harshal Mahajan stressed on the importance of keeping a healthy attitude towards personal presentation and learning by observation. Speaking on the consumption of fashion by the youth, noted fashion and brand expert Nazim Sheikh, underscored the significance of product differentiation vis-à-vis targeting the different mindsets. With flawless execution and smooth coordination, Viraasat 2019 by Vishwakarma University has definitely made a mark on the Pune fashion scene creating a benchmark of sorts.



Visit to Mukhtangan Rehabilitation Center

The Department of Psychology, Vishwakarma University organized an educational field visit to Mukhtangan Rehabilitation Center, Yerwada, Pune for B.A and M.A Psychology students on February 12th, 2020.

The visit was organized for the students to comprehend the concept of rehabilitation. In addition, during the visit students gained insights on the process of addiction and deaddiction. They interacted with counselors at the Centre to understand the process of treatment for addiction patients and the process of counseling involved in it.



Mental Health Awareness Week Celebration 2019

Vishwakarma University's Psychology department celebrated "Mental Health Awareness Week" from 7th October to 11th October 2019.

The theme for the Mental Health Awareness Week 2019 was "Suicide Prevention" which was celebrated by arranging different sessions on mental health such as Venting circle to vent out emotions, counseling box, street play explaining suicide prevention, social support group, psychological first aid, peer counseling, happy street for students throughout the week. This event was organized for students' awareness with regards to suicide prevention and mental health care. This annual celebration also motivates students to explore self-development through these activities every year.

Day 1 - Street Play; Venting circle Eventorium

Day 2- Social Support group

Day 3- Psychological first aid session; Peer counseling session Auditorium

Day 4 - Guest lecture on Suicide Prevention; Happy Street: Informative stalls, Performance, Drawing and Playing area



Workshop on “Creative Movement Therapy”

Workshop on the topic “Creative Movement Therapy” was organized for the psychology students on 30th September 2019 at VU campus. Guest speaker “Ms. Mugdha Shivapurkar” demonstrated Expressive Art Therapy as the practice of using imagery, storytelling, dance, music, drama, poetry, movements and visual arts together, in an integrated way, to nurture human growth, development, and healing. It aids in achieving better self-awareness, relief from stress or anxiety, learning disorders, autism, and other traumatic experiences. It can help individuals of all ages and races. The lecture introduced students to various methods in which the basic activities can be conducted. The introduction included a practical demonstration of these activities for a better understanding. Speaker enlightened the students about Carl Jung’s theory of personality. In conclusion, the session as a whole helped the students to cope with anxiety and stress, enhance self-esteem, self-awareness and body-mind connectivity.



Session on topic “Introductory lecture on Deaddiction”

Guest session on the topic “Introductory lecture on Deaddiction” was organized for the psychology students on 24th September 2019 at VU campus. Guest speaker “Mr. Indrajit Deshmukh” addressed the Biological, Psychological and Social aspects that are responsible for causing addictive behaviors, comorbidity, early signs of addiction, and also the steps that can be taken to avoid curiosity & possible attraction towards addiction and substance abuse; including simple treatment options. Speaker enlightened the students about the concept of brain biology and the different neurotransmitters that are involved in understanding addiction. This information was put forward with the help of examples of daily living, so even a layman can understand the functioning of these neurotransmitters. Students also learned about the basics of psychology of addictive behaviors and social factors that can contribute to the development of addictive behaviors. This will empower them to come up with strategies to develop a community that creates an atmosphere of understanding and lends support to someone suffering from addiction.



Session by Dr. B. R. Shejwal on ANOVA

Workshop on the topic "Creative Movement Therapy" was organized for the psychology students on 30th September 2019 at VU campus. Guest speaker "Ms. Mugdha Shivapurkar" demonstrated Expressive Art Therapy as the practice of using imagery, storytelling, dance, music, drama, poetry, movements and visual arts together, in an integrated way, to nurture human growth, development, and healing. It aids in achieving better self-awareness, relief from stress or anxiety, learning disorders, autism, and other traumatic experiences. It can help individuals of all ages and races. The lecture introduced students to various methods in which the basic activities can be conducted. The introduction included a practical demonstration of these activities for a better understanding. Speaker enlightened the students about Carl Jung's theory of personality. In conclusion, the session as a whole helped the students to cope with anxiety and stress, enhance self-esteem, self-awareness and body-mind connectivity.



Street play on “emotional and mental health awareness”

VU Students from Department of Psychology (MA Psychology- Year I) performed the street play in the Vishwakarma University campus on 20th August, 2019 at 11:30am. The theme of the street play was 'Emotional and Mental Health Awareness'. It was planned to make young adults aware about the issues related to mental health. Through this play, they drew the attention of students towards the issues related to mental health and the ways to manage it effectively. They also bring about the role which the society can play to help the patients in dealing with the problem.



Best out of waste competition during Swachhta Pakhwada,2020

The Ministry of Human Resource Development has organized Swachhta Pakhwada for the year 2020 during 16th January to 31st January in order to identify innovative practices in Swachhata related activities and mainstream them during these pakhwadās and publicize them to encourage active participation of the members of the public. For observation of the Swachhta Pakhwada, Department of Psychology is organizing a competition on 27 January 2020, for its students (BA and MA) on the theme "Best out of Waste".



Soft skills workshop on Personality Development and team building

VU Students from the Department of Psychology learning about team building skills and personality development through fun and interactive activities. The theme of the workshop was 'Team building and personality development'. The workshop was conducted on 8th february 2020 for BA first year students. Soft skills are part of their curriculum and through these activities, students learned the importance of team building, how it can be incorporated in the real world and introspective tendencies.



Face Painting activity on Peace Psychology

VU Students from Department of Psychology (MA Psychology- Year I) performing a face painting activity as a part of their curriculum. The theme of the activity was 'peace psychology'. The activity was conducted on 5th March 2020. Through this activity, the students learned a new and unconventional way of expressing their thoughts and learning. This activity helped them to present the different concepts in peace psychology in a creative way.



Group Testing conducted by Psychology Students at Vishwakarma Vidyalaya

VU Students from Department of Psychology (MA Psychology- Year I) conducted group testing at Vishwakarma Vidyalaya under the guidance of the Psychology faculties on 23rd January, 2020. Group testing was part of the departmental research. Through this activity, students gained practical knowledge about the psychological testing and got hands- on experience on handling the high school children.



Guest Session on topic “Sexual disorders”

Guest session on the topic “sexual disorders” was organized for the M. A. psychology students on VU campus on 9th March 2020. Guest speaker “Dr. Rajeev Nagarkar” addressed the issues related to sexual disorders in psychopathology. Speaker enlightened the students about the introduction, symptoms and treatment for sexual disorders. This information was put forward with the help of examples of daily living, so even a layman can understand the functioning of the client dealing with these disorders. This will empower them to come up with strategies to develop a community that creates an atmosphere of understanding and lends support to someone suffering from disorders.



Guest Session on topic “Introduction to Psychopathology”

Guest session on the topic “Introduction to psychopathology” was organized for the B. A. second year students VU campus on 13th March 2020. Guest speaker “Ms. Purva Kadaganchi” enlightened students about the subject of psychopathology and the basics of it. The introduction included interactive activities and knowledge about psychological disorders. Speaker enlightened the students about symptoms and treatments related to psychological disorders. This session helped them to understand one of the important fields in psychology and it will help them in future to choose their specialization at postgraduate level.



World tourism day

World tourism day was celebrated on 27 September 2019, the event started with the opening of a week long exhibition inaugurated by Hon. Vice Chancellor in the presence of Hon. Vice President. The main event was held on 27 Sept, with the introduction of the chief guest MS. Zelum Chaubal , Director Kesari Tours and other dignitaries . A short skit was performed by the students followed by a panel discussion . The panel included Ms. Nishitta Ghadge, Director , Sun Tourism International ; Mr. Ketan Wadkar, Deputy director Zenith Holidays Mumbai; Prof. Amol Randive, Director Training and placement, VU, Prof. Mayuresh Belsare. HOD JMC, VU.



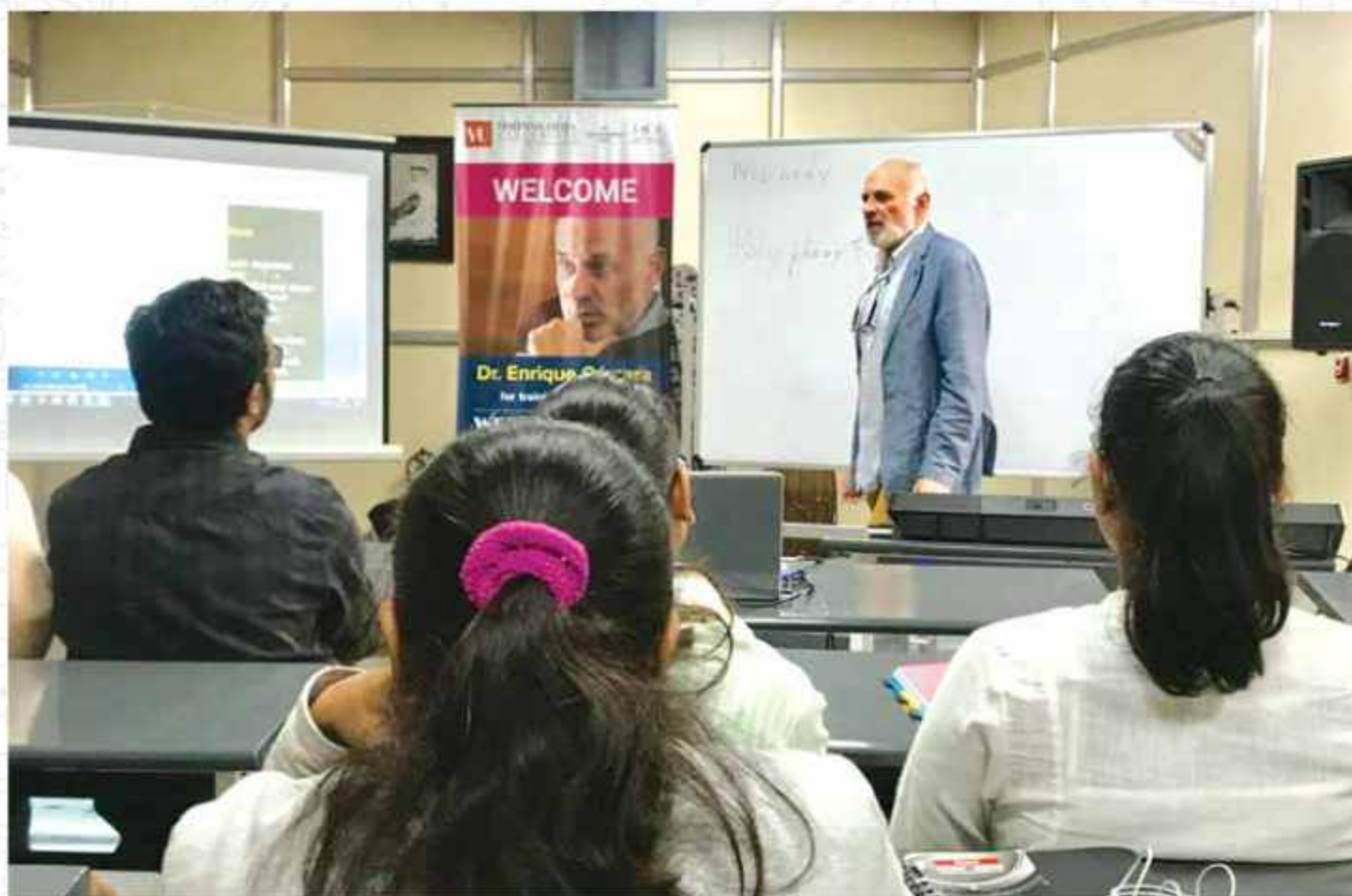
VU Launches Degree Course in Music

In a first of its kind effort by a private university, Vishwakarma University launched a degree course in music, with focus on both Hindustani as well as Western Classical music. The BA Honours course in music will not only impart the nuances of all kind of music but also provide a platform to launch a career in music world. The course has been blessed with world renowned music maestros, violinist Padmabhushan Dr. L. Subramanian and well known playback singer Padmashri Kavita Krishnamurthi, coming on board as mentors.



Session by Dr. Enrique Camara on Ethnomusicology

Dr. Enrique Camara from University of Valladolid, Spain recently visited the Music Department, VU for conducting specialized training sessions on Western Classical Music & Latin American Music from 2-6 January, 2020. Dr. Camara is an eminent ethnomusicologist from Spain and has worked extensively with prominent Indian artists like Pt. Ravi Shankar, Dr. L. Subramaniam, Pt. Bhaskar Chandavarkar etc. and he is very well versed with Indian Classical music too. He introduced the students to specific elements from Western Music, Latin American music, folk culture and folk music. He discussed and demonstrated the musical systems, instruments, dances and literary elements influencing music in these regions. It was a definitive learning experience for the Music Department.



Mentoring session by Dr.L.Subramaniam & Smt. Kavita Krishnamurti

The Music Department, VU hosted program founders and mentors Dr.L.Subramaniam & Smt. Kavita Krishnamurti on 28.11.2019 for another session as part of their regular mentoring sessions every few months. They are constantly updated on each student's individual progress and the students get the benefit of personal mentoring by such legendary artists and Gurus. Both of them offered their inputs to each student on how to progress further.



Lakshminarayana Global Music Festival 2020

As a part of the curriculum of the B.A Hons.Music program, the Lakshminarayana Global Music Festival was organised by Vishwakarma University in collaboration with LGCE , on 8th January 2020 at Ganesh Kala Krida Manch in Pune, where Vishwakarma University students got a unique opportunity to listen to world-class Indian as well as western performers and participate in it. Dr. L. Subramaniam, Kavita Krishnamurti and the Symphony Orchestra of Castile and Leon from Spain performed in the festival and enthralled the audience Students from the Music Department actively participated in ground work and backstage management of LGMF 2020. A lot of practical learning and evaluation activities were conducted for the students through LGMF.



Guest session by Klaus Graf Quartet, Germany

The department of Music hosted a guest session on Jazz Music on 20th February by 4 esteemed musicians from Nuremberg University of Music, Germany – The Klaus Graf Quartet. The session was well received by the students which gave them an insight into the Jazz genre. The musicians introduced elements of Jazz music to the students, followed by a performance of their compositions specially composed for their India tour. Students from the Department also performed along with the Quartet members after their performance.



Guest sessions on “Western Music” by Prof.Karl Lutchmayer, UK

The Music Department, VU had organized guest sessions by Prof.Karl Lutchmayer, UK on “Western Music” for the B.A. Hons.Music FY students from 10th-12th September, 2019 at the VU Campus. Prof. Karl Lutchmayer is equally renowned as a concert pianist and a lecturer. A Steinway Artist, Prof. Karl Lutchmayer performs across the globe, and has worked with conductors including Lorin Maazel and Sir Andrew Davis, and performed at all the major London concert halls. He has broadcast on BBC Radio 3, All India Radio and Classic FM, and is a regular chamber performer. Prof. Lutchmayer introduced the music students to the fundamental elements of Western Music Theory & Practical. The sessions were very informative as it was the first exposure to Western music for many students. Prof. Lutchmayer introduced students to the History and evolution of Western Music from the documented origins of the music. He illustrated the staff notation system and various concepts like harmony, symphony, orchestration, time & melody signatures, syncopation etc. He introduced students to Jazz music. He also conducted some guided listening sessions on the compositions of famous composers like Mozart, Bach, Vivaldi, Beethoven etc. At the end of the music sessions, the Journalism & Mass Communication Department conducted an interview of Prof. Lutchmayer as a part of a project for JMC students. He was interviewed by Prof.Ruchira Kedar, HoD, Music Faculty as well as by JMC students on his career in music as well as academics.



Introduction to Indian music instruments

As part of the Student Induction Program , an interactive & informative session on "Introduction to Indian music instruments" was organized by the Department of Music, VU. Sh.Sajid Mirajkar (Yusuf Mirajkar Musicals,Pune) and Prof. Atul Phadke from S.P.College conducted the session for the students. Prof.Phadke explained the physics behind sound production, frequency, vibrations and their relation to instrument making to students. Sh.Mirajkar explained the history and role of Miraj in Indian Classical music and the contribution of instrument makers from Miraj to Indian Classical Music. He also had an interactive Q & A with students and helped them experience instruments like Sitar, Tanpura, Harmonium and Tabla personally. The students gained a lot of knowledge about the historical development, physical characteristics and application of instruments in Indian Music.



Introductory session for exchange students from Thailand at VU

The Music Department, VU conducted an introductory session on Indian music for exchange students from Thailand studying Computer Science at VU. The students were introduced to the basic melodic and rhythmic concepts in Indian music, our traditional instruments and the differences with Western music. A small session was conducted where they tried to keep rhythm with an Indian instrumental recording. Towards the end of the session, the Thai students also sang a folk song in their native language and mingled with the B.A. Music students. This session was conducted to familiarize the exchange students with the environment at VU and as a value addition to their entire visit.



Science Day- 2020

Educational disciplines don't function in isolation rather have a symbiotic relationship. Vishwakarma University is a unique eco-system where various disciplines co-exist in synergy. National Science Day Celebration 2020, was one such platform where students, faculty members came together to celebrate the interrelation of their disciplines and communicated by making installations, poster presentations etc. Convergence of Science, Technology and Law has stimulated the smooth functioning of the Criminal Justice System. Students of the Department of Law and Governance exhibited a dummy crime scene and toured the visitors through different stages of investigation of crime which included protecting the crime scene, identification and collection of biological, electronic and cyber evidences, identification of culprits and so on. Students also created awareness on Cyber Bullying, its impact and preventive measures. Fun Games were conducted for better understanding of different forensic evidences. All visitors including the Chief Guests appreciated the presentation.



Constitution Day Celebration - 2019

Students, Faculty Members and non-teaching staff together celebrated the 70 th Anniversary of Indian Constitution on Tuesday, 26 th November 2019. The gathering was inaugurated by Asst. Prof. Sarika Sagar, Head of Department, Department of Law and Governance. Asst. Professor Deepshikha Sharma and Asst. Prof Unmesha Patil had made necessary arrangements for the gathering and conducted a Quiz on Indian Constitution which was well-received by the students as well as Faculty Members. Asst. Prof. Dr. Sukdeo Ingale explained the salient features of the Constitution. Further, Asst. Professor Apurva Bhilare explained the spirit of the Preamble and everyone joined them for the reading of the Preamble. This was immediately followed by a live webcast of the function of Constitution Day from Parliament House. This Samvidhan Divas was special as we have completed 70 years of adoption and thus this gathering was an opportunity to reinforce our obligations towards upholding Constitutional values thus contributing to nation-building.



Participation in Street Play Competition

First Year of BBA.LL.B students of VU participated in inter college "Street Play Competition" organized by I.L.S Law College, Pune. The competition was conducted by the Legal Aid Center of I.L.S Law College with a spirit of encouraging students to bring a change and express through street plays. Team VU performed a play named 'AZADI' with a central theme of 'Social Media' and portrayed that real life is beyond social media and that we should free the youth from the shackles of Social Media. Our play was well appreciated by the judges and the organizers.



Poster Exhibition

Department of Law and Governance organized a poster exhibition on 3rd February 2020 in the VU Eventorium. The exhibition was named 'Lexpressio' which means expressing legal terms. Students of First year B.B.A.LL.B presented the posters with full zeal to all faculty members and students who visited the exhibition.



Film on Cyber laws

Students of LLM Programme, Cyber Laws specialization scripted, directed and shot a film for creating awareness on issues pertaining to Cyber laws.





**SOCIAL
OUTREACH**

Bolki Anganwadi

Designing & Creating safe and quality learning spaces for children in India!!!

BOLKI ANGANWADI PROJECT is an initiative of ProCluster Business association (a techno-social non-profit organization operating from Pune) in collaboration with Design students and Professors of Vishwakarma University. A kinder-garden in quite underprivileged locality of Bhosari area hosted in a dense chawl where the four walls of the Anganwadi were as close to each other as could be. One could barely imagine the kids having their first learning experience and developing their interest in education.

Without leaps of imagination or dreaming we lose the excitement of possibility to create a better world, dreaming after all is a form of planning. This project was intended to change the situation there. The main objective was to recreate a learning experience and transform it into a quality learning space for the kids in a form of more colorful and lively graphical visualizations and supportive educational aids. Using educational toys and props to add joyfulness to the learning was also an important consideration.

The walls of the Anganwadi were painted over with lots of bright colours and it got a complete changeover with the concept of the 'Mini jungle'. Idea was to add graphics in such a way that the kids could learn about different colours, animals, alphabets, and numbers etc. referring to the graphics and figures painted on walls.

Passionate team of young design students all set to bring this change to life had a lot of fun to collaborate with local kids who participated in the making with a lot of enthusiasm and zeal. This project was completed in less than three days.

Lively and colorful environment in Anganwadi is now attracting children. Each morning the kids are looking forward to reach their fun place on time. The parents are feeling contented and encouraged to send their kids to the Anganwadi every day. Children says that they could have never imagined going to Anganwadi like this and study, now this is their favorite place to have fun and learn.

The project team believes that an ordinary person who is willing to change the world, becomes no more ordinary to the world. We are here to serve our nation and our locals, moreover, helping the needy is an act of good deed and it helps to build trust on masses.

A remarkable positive difference and happiness was seen among the kids and teachers. Teacher added "There is different perception now built about our Anganwadi, local people and parents are appreciating the change. Kids are loving it off course. Also, people are more supportive and willing to contribute further." Anganwadi Supervisor of the Bhosari area Mrs. Sunanda Dnyanoba Dhas-Hange Said "Looking at the positive impact of this project we feel that we should look at it as a model to scale and implement in other places too. It will add value to the student learning experience and increase no. of kids joining Anganwadies."

Students, Rigil Roy, Siddharth Shreyans Shah, Vaishnavi Vikas Bhandari realized the project under the guidance of Prof. Santosh Khawale and Prof. Swathish Thiyagu, teacher of Anganwadi Mrs. Hema Sachin Bhondave and local team of enthusiastic kids came together to contribute to BOLKI ANGANWADI.

भोसरीत वंचितांच्या मुलांसाठी साकारली 'बोलकी अंगणवाडी'

भोसरी, प्रतिनिधी :

भोसरी परिसरातील आर्थिक दुर्बल व वंचित घटकातील विद्यार्थ्यांमध्ये शिक्षणाची जागृता निर्माण व्हावी या उद्देशाने प्रोफेसर विद्यनेम असोसिएशन या संस्थेने विद्यार्थ्यां विद्यार्थ्यांच्या सहकार्याने भोसरी परिसरात ४ विविधा छोट्या छान छान छान सुरु असलेल्या अंगणवाडीच्या कार्यवाही करून त्या ४ विविधा बोलकी करण्याचा असेल उद्देश राबविला आहे. लहान मुलांमधील शिक्षणाचा पहिला अनुभव सुंदर व्हावा शिक्षणाबद्दल त्यांची रुची वाढावी

हे उद्देशाने ठेवून या संस्थेने संस्थेने त्यांच्या शिक्षणाचा अनुभव सुंदर बनविण्यासाठी या चार विविध लहान मुलांना आवाढील अशा लक्षणांमध्ये डाढे, पाने, फुले, कार्टूनस, प्राथमिक डिझाईन सारखे दर्जेदार शैक्षणिक साहित्य छेळणी, या मुलांना उपलब्ध करून दिली आहे. या अंगणवाडीत आर्थिक दुर्बल गरजू मुले आनंदाने शिक्षण घेत असून बोलकी अंगणवाडी या नाविन्यपूर्ण उद्योगांमुळे येथील बसतबसत बोलकी होत आहे. या मुलांच्या पालकांकडूनही संस्थेचे कौतुक होत असून आर्थिक

दुर्बलांना उभारी मुलांची साथ लाभल्यास सामान्य घटकातील मुलांही उभारू शकतील बळ शकतील व येथे काळात अशा उद्योगांचे सकारात्मक परिणाम पहाण्यास मिळेल असा विश्वास प्रोफेसर विद्यनेम असोसिएशनचे प्राध्यापक संतोष खवळे, प्राध्यापक स्वातीश व अंगणवाडी पंचशिक्षिका सुनंदा धस, यांनी व्यक्त केला यथेष्टी अंगणवाडी संचिका हेमा भोडवे, रिजल रॉय, विद्यार्थी शहा, वैष्णवी भेंडारी, आदी बरोबर लहानग्यांचे पालक मोठ्या संख्येने उपस्थित होते.



भोसरी परिसरात वंचित घटकातील लहानग्या मुलांसाठी भोसरी प्रोफेसर विद्यनेम असोसिएशनच्या पुढाकाराने व विद्यार्थ्यांच्या सहकार्याने 'बोलकी अंगणवाडी' उद्योग सुरु करण्यात आला यथेष्टी उपस्थित संस्थेचे प्राध्यापिका व संतोष.



Adopted Village, Water ATM



**Vishwakarma University, Pune
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At Thopetewadi (Ghera) Village, Dist Pune.**

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Vishwakarma University, Pune installed a Pure Drinking Water RO Plant At Mordari Village.

under the

**Unnat Bharat Abhiyan (UBA),
Scheme of the Ministry of Education Govt. of India.**



**Vishwakarma University, Pune
installed a Pure Drinking Water RO Plant
At Sambrewadi Village.**

under the

**Unnat Bharat Abhiyan (UBA),
Scheme of the Ministry of Education Govt. of India.**



**Vishwakarma University, Pune
installed a Pure Drinking Water RO Plant
At Bhilarwadi Village.**

under the

**Unnat Bharat Abhiyan (UBA),
Scheme of the Ministry of Education Govt. of India.**



**MEDIA-
NEWSPAPER
CLIPPINGS**

अमित रुके



गायनवादनाची मेजवानी

विश्वकर्मा विद्यापीठाच्या वतीने लक्ष्मीनारायण जागतिक संगीत महोत्सवाचे बुधवारी आयोजन करण्यात आले होते. महोत्सवात प्रख्यात व्हायोलिनवादक डॉ. एल. सुब्रह्मण्यम यांचे व्हायोलिन वादन आणि प्रख्यात गायिका कविता कृष्णमूर्ती यांच्या गायनास रसिकांनी मनापासून दाद दिली.

भोसरीत वंचितांच्या मुलांसाठी साकारली 'बोलकी अंगणवाडी'

भोसरी, जिल्हाधिकारी कार्यालय भोसरी येथील वंचितांच्या मुलांसाठी साकारली 'बोलकी अंगणवाडी'. या अंगणवाडीत वंचितांच्या मुलांसाठी शिक्षण देण्यात येईल. या अंगणवाडीत वंचितांच्या मुलांसाठी शिक्षण देण्यात येईल. या अंगणवाडीत वंचितांच्या मुलांसाठी शिक्षण देण्यात येईल.

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साय-फाय आर्ट्स फेस्टिव्हलचे आयोजन

प्रतिष्ठापक, पुणे

विश्वकर्मा विद्यापीठाच्या वतीने साय-फाय आर्ट्स फेस्टिव्हलचे आयोजन करण्यात आले आहे. या फेस्टिव्हलमध्ये विद्यार्थ्यांनी आपले कौशल्ये दाखवण्याची संधी मिळेल. या फेस्टिव्हलमध्ये विद्यार्थ्यांनी आपले कौशल्ये दाखवण्याची संधी मिळेल.

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अपघाती मृत्यू; विद्यार्थ्यांचा आज मोर्चा

पुणे : कोंढवा बुद्रुक येथील विश्वकर्मा विद्यापीठाच्या प्रवेशद्वाराजवळ टेम्पो ट्रॅव्हलच्या धडकेने एक विद्यार्थिनी गंभीर जखमी झाल्याची घटना गेल्या महिन्यात घडली होती. त्यानंतर संबंधित विद्यार्थिनीचा मृत्यू झाला. या प्रकरणाची महाविद्यालयाने दखल घेऊन दोषींवर कारवाई करावी यासाठी आज, बुधवारी सकाळी मोर्चा काढण्यात येणार आहे.

ऐश्वर्या संतोष घांडेकर (वय १९, रा. येवलेवाडी) असे मृत विद्यार्थिनीचे नाव आहे. ऐश्वर्या विश्वकर्मा विद्यापीठामध्ये बीबीएच्या दुसऱ्या वर्षाला शिकत होती. २१ नोव्हेंबर रोजी ती कॉलेजमधून बाहेर येत असताना प्रवेशद्वाराच्या आत टेम्पो ट्रॅव्हलची धडक बसल्याने ती गंभीर जखमी झाली. तिला खासगी रुग्णालयात दाखल करण्यात आले होते. मात्र, त्यानंतर तिचा मृत्यू झाला. या प्रकरणी टेम्पो ट्रॅव्हलचालक निखील वानखेडेवर गुन्हा दाखल करण्यात आला आहे. 'या प्रकरणाची कॉलेज प्रशासनाने गंभीर दखल घेतलेली नाही. प्रवेशद्वारावर सुरक्षारक्षक असूनही खासगी वाहने कॅम्पसमध्ये येतात. त्यामुळे दोषींवर कारवाई करावी, यासाठी मूक मोर्चा काढण्यात येणार आहे,' अशी माहिती ऐश्वर्याचे मामा आमिंत जाधव यांनी दिली.

GET READY TO RIDE THE DATA DELUGE

Take A Look At The Specialisations On Offer In Data Sciences, Career Paths And Remuneration, As Well As Top Sectors Creating The Most Jobs

Arshita Kulkarni, Board Member, IITM

With the exponential rise associated with artificial intelligence and machine learning, data science is expected to be a growing discipline in the coming years. Colleges and universities are offering specialisation degrees, diploma, and certificate courses in this sector and the number of applicants looking to pursue studies are also increasing. The niche expertise for these courses is as follows:

The knowledge of mathematics at HIG-level (10+2) or its equivalent is the basic eligibility criteria to apply for a course in data science

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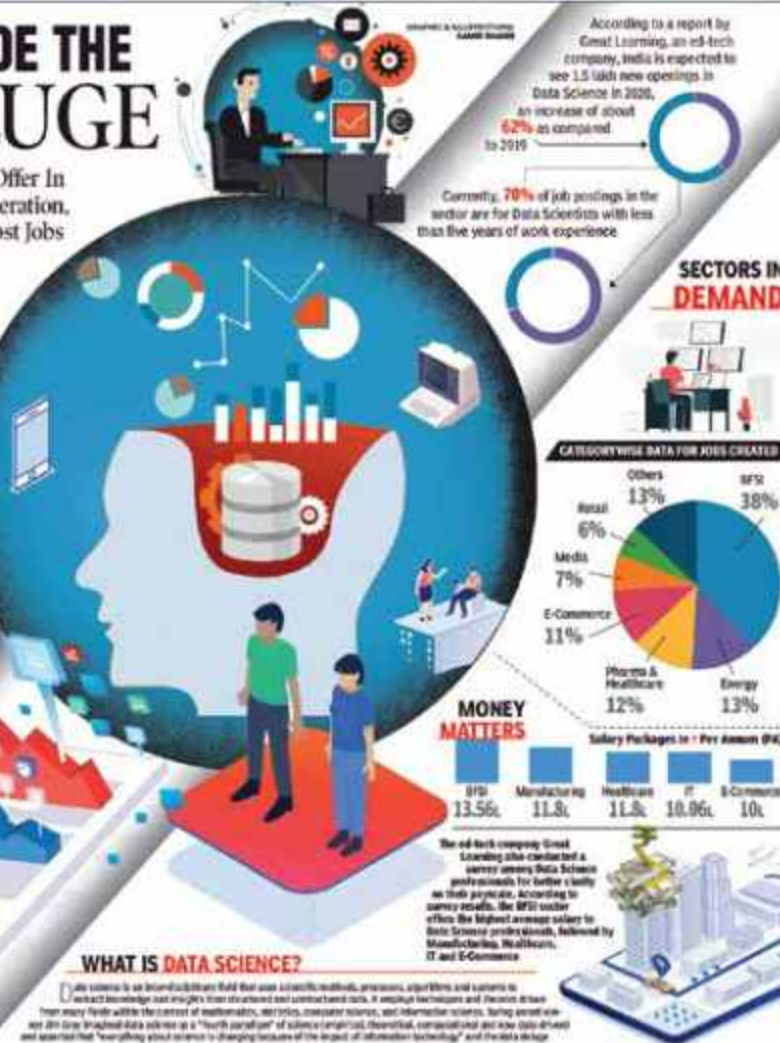
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WHAT IS DATA SCIENCE?

Data science is an interdisciplinary field that uses scientific methods, processes, algorithms and systems to extract knowledge and insights from structured and unstructured data. It employs techniques and theories drawn from many fields within the context of mathematics, statistics, computer science, and information science. Salary growth over the last five years in data science is a "fourth percentile" salary (empirical, theoretical, conceptual and new data-driven and applied) that "everything else" is doing because of the impact of automation technology and the data deluge.

'Data science has become the career of the future'

Dr. Arshita Kulkarni, Board Member, IITM, shares her insights on the quality of data. She says that data is the fuel for the future and that it is essential for the growth of the economy. She also mentions that data science is a multidisciplinary field that combines statistics, computer science, and information science. She emphasizes the importance of data science in various sectors and its potential to revolutionize industries. She also discusses the challenges associated with data science and the need for continuous learning and skill development in this field.

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THE TIMES OF INDIA

Vishwakarma University organised competition for BSc statistics students

TIMES | Feb 3, 2020, 09:07 AM IST



PUNE: Vishwakarma University's department of statistics, under the faculty of science and technology successfully organised 'Sankhyaskruti', a national level competition for Bachelor of Science (statistics) students at its Kondhwa campus.

The event comprising of various competitions received an enthusiastic response from more than 162 participants across the country. Nazia Wahid, head of department of statistics, said that the event helped to create awareness about the importance of statistics among the student community. Wasudeo Gade, vice-president VU, informed that the university had become a member of National Institution for Quality and Reliability (NIQR), Chennai.

A total of 29 teams participated in the project competition for the third year, 17 teams came up with innovative ideas in the poster competition for the second year and 21 teams fought it out for the first year quiz competition.

Chief guest Alok Kumar, joint director, union Ministry of Statistics and Programme Implementation underscored the fact that fortune is not a dependable factor and one should try and be different from others.

Guest of honour Pulak Guhathakurta, scientist, India Meteorological Department, Pune, took all on a brief and interesting tour of the history of Indian statistics, the dynamics of weather forecasting and interpreting climate data for a safe future among other topics such as rainfall prediction and draught analysis.

An expert session was conducted towards the end of the event by industry stalwart Ms. Preeti Pandhu, Founder and Director of Data Science Lab, on how data science is related to everyday life.

<https://timesofindia.indiatimes.com/home/education/news/vishwakarma-university-organised-competition-for-bsc-statistics-students/articleshow/72869106.cms>

1/2

विद्यार्थी, शिक्षण संकुलांचे असामाजिक तत्त्वांपासून रक्षण करण्याची गरज

अंधकाराचा अंधार

गुणवैशिष्ट्ये उपाध्याय डॉ. भूषण फडके यांचे मत

मुंबई : विद्यार्थ्यांनी शिक्षणाला शिक्षणाला, जसेच उच्च शिक्षणाला, पाहण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे.

विश्वकर्मा विद्यापीठाला मानांकन; एआयसीटीई आणि सीआयआयद्वारे गौरव

डॉ. अशोक गुणवैशिष्ट्य

मुंबई, दि. २६ - शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे.



विश्वकर्मा विद्यापीठाचे गौरव मानांकन प्राप्त झाले आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे.

विद्यार्थ्यांचे पक्षिणाचारी रोप उपक्रम

सी-एनएनएचद्वारे संचालित

मुंबई उपनगरातील विद्यार्थ्यांचे पक्षिणाचारी रोप उपक्रम सुरू झाले आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे. शिक्षणाला जाण्यासाठी जाण्यासाठी जाणे हेच शिक्षण असणे गरजेचे आहे.

SUMMER INTERNSHIPS **KEY TO SHAPING** STUDENTS' CAREER

Students Are Looking For The Best Opportunities, While Corporates Discover Future Boardroom Stars. The Game Is Certainly On

Special Inside Guide & Analysis | by

It's that time of the year when students from management schools are busy looking for their internships. These students are not just looking for a job, they are looking for a career. The students would join companies for an eight-week internship opportunity.

The internships are crucial for both students and companies. The opportunity helps fresh graduates gain practical knowledge while benefiting corporates by providing a fresh perspective on business issues and discovering future business leaders.

Abhinav Mancharkar, principal of Alliance Institute of Management, Pune, said that summer internships are considered as per with final placements as far as business schools are concerned. "Internships provide students practical exposure. They not only get trained but also get exposed for the corporate world. They learn professional etiquette. They develop leadership qualities and, most importantly, how to work in a team. One needs good interpersonal skills to work in a team and then gets enhanced during internships so that when they study

join the workforce, it is a smoother transition," Mancharkar explained. Further, Mancharkar said that, on an average, at least 10% of the students at his college are able to secure the internship as a job offer.

"The students get stipends when they learn with companies and the range offered is somewhere between Rs.60,000 and Rs.1,50,000, per month," added Mancharkar.

Some of the most common sectors to look for internships if you are a B-school student are banking & financial services, manufacturing, advertisement, recruitment, FMCG, e-commerce, marketing or human resources, and operations.

In several occasions, companies seek an extension to the internship period and each college has its own policy on the extension. All Institutes Institute of Business Management (IIBM), a request for a work as 90-days extension is accepted after considering the nature of the company and the type of summer internship undertaken.

"As many as 80% students covered the summer internship assignment has a pre-placement offer and this is an upward trend

Experts warn that in all the noise about internships, students should not neglect academics. Students must, in fact, be good at academics to land a good internship

trend. Five years ago, only 25% students used to get a pre-placement offer and today it has almost doubled," said Rameshchandra Rautan, Director of IIBM. Rautan added, "The stipend has crossed the one lakh benchmark. This is an average for one month of summer internships that the stu-

dents undertake. Organisations are looking at this as an investment to identify the right talent to join them. Hence the average stipend paid is growing year after year.

The highest stipend paid was Rs.1 lakh, while the average is Rs.67,000."

Tyagraj Phalankar of Pune's Durgam College of Management and Entrepreneurship Development, Pune, advised students to take up internships with care and work hard to earn it. It is a job offer. "Both internships and academics are equally important as they complement each other. Students get practical exposure during the summer internship. If it is undertaken sincerely, it may lead to a pre-placement offer. Some students get a stipend of Rs.2,00,000 per month

during the internship."

Experts warn that in all the noise about internships, students should not neglect academics. Students must, in fact, be good at academics to land a good internship, says Anand Kulkarni, head of Industry Connect, Training & Placement at Vishwakarma University. "The internship assignments at Vishwakarma University are appropriately handled to balance learning priorities through a flexible schedule and personalised mentoring by the faculty. A considerable number of students can reach

job-offers through internships. The time practicing and mastering by faculty during internship helps students to identify the strengths of pre-placement offers. Typically, the stipend range is up to Rs.1,50,000 per month. Some of the benefits of internship offers comprise of allowances/ incentives and other benefits etc."

BY ANAND KULKARNI
VISHWAKARMA UNIVERSITY

INSTITUTE ADVANTAGE

- Internships help educational institutes build industrial relations and makes the placement process easier
- Improves institutional credibility and helps retain students
- Curriculum can be revised and teaching-learning process can be improved based on industry and student feedback

STUDENT EDGE

- Internships give students an opportunity to get hired by the industry in a particular organisation
- Helps students decide if the industry and job position is the best career option to pursue, while learning new skills and supplement feedback knowledge
- They offer a great opportunity to learn strategies like time management and multitasking in a corporate set-up
- Crucially, an internship provides a chance to evaluate an organisation before committing to a full-time position

MONEY MATTERS

AVERAGE MONTHLY STIPEND

- **₹1.25 lakh** @Ganesh Institute of Business Management
- **₹25,000** @Alliance Institute of Management and Entrepreneurship Development
- **₹15,000** @Vishwakarma University

IN COMPARISON

In 2022, the highest stipend for summer internships at IIBM Bangalore stood at ₹2.5 lakh per month	In 2023, the highest stipend for summer internships at IIM Calcutta was around ₹1.75 lakh per month
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STUDENT SPEAK

I did my internship at H & B Block, India, as a tax analyst/report. It is one of the largest tax preparation companies in India. Working there for three months gave me the upper edge in the taxation scenario in India. I was able to file as many as 600 individual tax returns in three months. The internship taught me how to communicate with clients and how to strive to fulfil short term goals to achieve the ultimate aim. The overall experience was unique and enriching.

Laxmi Prasad | Intern, H & B Block Pvt Ltd

I was given an assignment related to investment banking. It gave me the exposure to learn more about valuation and merger strategies. It was also a platform where I could work and understand team dynamics. I was also fortunate to get a pre-placement offer from WSC.

Anshul Puri | Intern, WSC

The summer internship helped me acquire industry knowledge and practical insights related to marketing in the new era. The experience contributed to my success in the campus recruitment programme wherein I could fetch a job offer from Cybage Software in the Digital Marketing field.

Snehal Puri | Intern, WSC

'Music cuts through differences, reaches community and audience'

The 150th birth anniversary of Mahatma Gandhi received a musical edge as violinist Dr Lakshminarayana

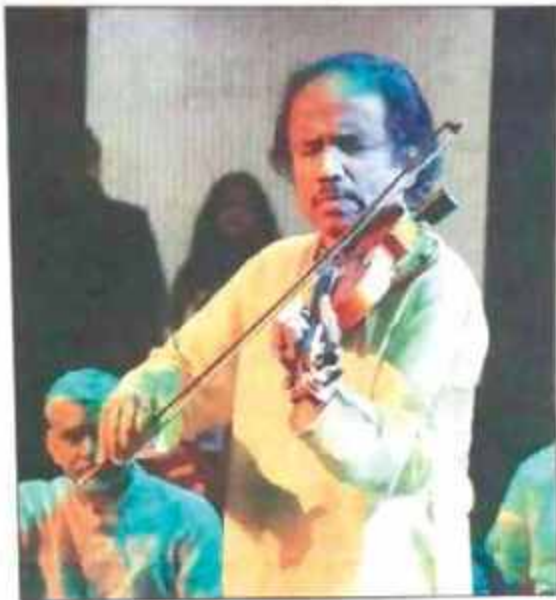
Subramaniam led performances of 'Raghupathi Raghava Raja Ram' and 'Vaishnava Jana To' by Castile and León Symphony Orchestra from Spain and singer Kavita Krishnamurthy in Pune this week. The theme of the concert was 'Tribute to Mahatma', part of the ninth edition of the Lakshminarayana Global Music Festival (LGMF), held in collaboration with Vishwakarma University at Ganesh Kola Krida Manch. The Padma Bhushan awardee spoke to Ajinkya Kawale on the sidelines of the concert. Excerpts:

The country is experiencing political turmoil and music has become a means of protest. What is the role of music in binding society?

I would not like to get into the politics of it. Music is a universal language and the only barrier to it is words. We'll face a lyrical barrier if African or Latin music is presented as we may not understand those languages. Music achieves its goal when the audience is open and sensitive. It cuts through differences and reaches the community and audience. It is a global art and does not have any political barrier.

What was your aim in creating this global music festival?

Earlier, everyone considered western music as classical and every other form as ethnic and folk. Our music dates back to the Vedas and with Persian influences, it branched into Carnatic and Hindustani. I wanted to transform the scenario and inspire everyone to take pride in



Dr Lakshminarayana Subramaniam

Indian classical music as well. I started using the term global music, which would have values, traditions and cultures of the globe. Gradually, we began introducing foreign artistes and it thus expanded to a global segment. We perform in Delhi, Hyderabad, Kolkata and Bengaluru. This time is special because we have planned to organise the event every year in Pune.

How was the experience of presenting this concert in Pune?

Pune is great and has a fantastic audience. They enjoy classical music and other art forms. This is the first time we are presenting a Spanish com-

position here. The opening musical piece is inspired by the mindset of a bullfighter.

Your instrument, the violin, has evolved and changed over time and is a standalone instrument in its own right today. What impact has the vision of your father, Prof V Laxminarayana, had on the

evolution of violin as a solo performance instrument?

The violin was an important accompanying instrument. My father worked in Jaffna as a professor of music. He had the vision of the violin being performed as a solo instrument but you could not play it as a soloist in India. In order to pursue the dream, he introduced various flexible plucking techniques, changed the dynamics. Later, violin achieved the prominence that it always deserved. I am performing what he had always dreamt of.

What projects do you have for budding musicians?

We are working on programmes offering BA Hons in music, vocal and percussion with Vishwakarma University. Music is a practical form that you learn from a guru. We aim to bridge that gap between the Gurukul style of learning and the current college education system. We have a holistic syllabus with 70 per cent focus on practical and the rest on theory with north, south and global music in mind. I am preparing textbooks for the subjects as there are no particular music books. Music requires rigorous training, practice as well as equal exposure to foreign and local, Hindustani forms. One should keep a check on the student's progress.



गणेश कला क्रीडा मंच, स्वारागेट : संगीत महोत्सवाचे उद्घाटन करताना डॉ. एल. सुब्रह्मण्यम. (डावीकडून) विश्वकर्मांच्या विश्वस्त तृती अग्रवाल, अमिता अग्रवाल, भरत अग्रवाल, कुलगुरू डॉ. सिद्धार्थ जबडे व उपकुलगुरू गाडे.

‘विश्वकर्मा’तर्फे संगीत महोत्सव

पुणे : विश्वकर्मा युनिव्हर्सिटीच्या सहयोगाने, लक्ष्मीनारायण ग्लोबल सेंटर ऑफ एक्सलन्सच्या संयुक्त विद्यमाने संगीतप्रेमांसाठी महात्मा गांधी यांच्या जयंतीनिमित्त संगीत महोत्सवाचे आयोजन केले होते. व्हायोलिन वादक डॉ. एल. सुब्रह्मण्यम यांचे वादन, त्यांच्या पत्नी कविता कृष्णमूर्ती यांचे गायन व स्पेनमधील कॅस्टिल आणि लियोनच्या सिंफनी ऑर्केस्ट्राने रसिक प्रेक्षक मंत्रमुग्ध झाले. डॉ. सुब्रह्मण्यम यांनी संगीताविषयी आवड असणाऱ्या भावी पिढीसाठी कार्यरत असल्याबद्दल विश्वकर्मा युनिव्हर्सिटीचे कौतुक केले. विश्वकर्माचे प्रमुख राजकुमार अग्रवाल यांनी भारतीय संगीत लक्ष्मीनारायण ग्लोबल सेंटरच्या माध्यमाद्वारे जागतिक स्तरावर पोहोचविण्याचे प्रतिपादन केले. कार्यक्रमाला विद्यार्थी मोठ्या संख्येने उपस्थित होते.

सकाळ

कविता कृष्णमूर्तीचे आज सादरीकरण

पुणे : स्वारागेट येथील गणेश कला क्रीडा मंच येथे बुधवारी (ता. ८) लक्ष्मीनारायण जागतिक संगीत महोत्सवाचे आयोजन करण्यात आले आहे. महोत्सवात प्रसिद्ध व्हायोलिनवादक डॉ. एल. सुब्रह्मण्यम आणि कविता कृष्णमूर्ती यांचे सादरीकरण होणार आहे. सायंकाळी साडेसहा वाजता होणाऱ्या या महोत्सवासाठी नागरिकांनी नोंदणी करणे आवश्यक असल्याचे आयोजकांनी कळविले आहे.

Pune, Main
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युवा गायिकाओं के सुरों में परंपराओं की झलक



दिनमान रामारोह

★ आचार्य विप्लवे ★
 यमल यमल में आर्षेयिण आर टियसीव दिनमान
 साधोह के सुरो दिन सुकजान को गयन को दो तरफा
 आर्षेयिण को गई। इसमें पारसी सच आरक्य यमले के
 गयन और सुरो यमले सविण केदार के गयन को भी।
 आरक्य यमले ने अपने गयन की सुरजान यम
 सुरिण यमको ये को। इसमें उन्पने वडा यमल में यम
 यम आर को यम... यमिल गैल को। इसके बाद
 जान्ना ने छोटा यमल गैल यमल परंपरा यमल...
 यम का यम यमिल यमले। यमि आरिण यमलि
 यमले सुवेरी को यमि, यमले यमल छोटी-छोटी
 यमले... ये।

मनमोहक बंदिशों ने जीता टिळ

दुरो दिन की दुरो सच यमिल केदार के गयन को
 गई। इसमें उन्पने सुकजान के गयन यमल को
 यमल यमल और यमिल यमल में दुरो यमल
 के गयन में को गैल... यमिल गैल को। यमल आरक्य
 में सुकजान यमिल को यमल के गयन यमले दुरो
 यमल में यम यमल... यमिल गैल को। यमि,
 आरिण यमल में यमल गैल यमल आर में यमल
 यम यमल यमल यमल यमल... के गयन यमलि को
 यमल यमल... यमले ही यमल को यमले में
 यमले यमल पर यमल यमल और यमले पर यमले
 यमल यमले ने यमल यमल।

‘विश्वकर्मा’तर्फे ‘विरासत’ फॅशन शो

पुणे : विश्वकर्मा विद्यापीठाच्या फॅशन डिझायनिंग विभागातर्फे ‘विरासत’ हा फॅशन शो फिनिक्स मॉलमधील लिबर्टी स्केवअर येथे शनिवारी आयोजिला होता. या शोमध्ये विभागाच्या विश्वकर्माच्या विद्यार्थ्यांनी तयार केलेल्या वस्त्रांचे सादरीकरण करण्यात आले. भारतीय वस्त्र परंपरीशी नाळ सांगणाऱ्या नव्या डिझाईन्स या फॅशन शोचे मुख्य आकर्षण होते. डावू प्रिंटिंग, ज्यूट आणि खून फॅब्रिक्स यापासून तयार केलेल्या वस्त्रांमुळे भारतीय वस्त्र पर्यावरणपूरक असल्याचा संदेश यातून देण्यात आला. या फॅशन शोचं उद्घाटन प्रसिद्ध डिझाईनर आणि वर्ल्ड फॅशन वीकचे मुख्य कार्यकारी अधिकारी बादल सुब्बो यांच्या हस्ते झाले. अधिष्ठाता प्रा. अवधूत आत्रे, विभागप्रमुख रीना पांडे, डिझाईन व्यवसायातील माहिर करंजकर, हर्षल महाजन, नझीम शेख आदी या वेळी उपस्थित होते.



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थोडक्यात

‘विश्वकर्मा’ला
 पुरस्कार प्रदान
 म. टा. प्रतिनिधी, पुणे

Samraat Sangeet Sammelan



Team Cafe www.teamcafe.com

The Indian Council for Cultural Relations (ICCR), Goa in collaboration with Samraat Sangeet Academy, Ponda and Department of Art and Culture, Government of Goa presents the 40th Samraat Sangeet Sammelan. The Sammelan features 22 artistes (main as well as accompanists) from around India. On January 11, 2020, the Sammelan will feature ICCR empanelled artistes such as Hindustani vocalist from Pune Ruchira Kedar at 6pm, Father / Son tabla duo Anshul Pratap Singh and Uday Pratap Singh from Bhopal under Horizon Series at 7pm and Hindustani vocalist from Kolkata, Suoryo Dutta at 9 pm. The programme is free and seating will be on first-come-first-served basis.

Venue: Kranti Maidan, Ponda
 Date: January 10 and 12, 2020
 Time: 6pm to 10:30pm

‘असोचॅम’तर्फे (भारतीय वाणिज्य उद्योग मंडळ) नवी दिल्ली येथे नुकत्याच पार पडलेल्या तेराव्या उच्च शिक्षण कौशल्य आणि उपजीविका कॉन्क्लेक्मध्ये विश्वकर्मा विद्यापीठाला पश्चिम भारतासाठी ‘इमर्जिंग युनिव्हर्सिटी ऑफ द इयर’ हा सन्मान देण्यात आला आहे. विश्वकर्मा विद्यापीठाचे कुलगुरू डॉ. सिद्धार्थ जवडे यांना ‘असोचॅम’चे अध्यक्ष डॉ. निरंजन हिरानंदानी यांच्या हस्ते हा पुरस्कार प्रदान करण्यात आला.



• The award function of the Cy-Fi Arts Festival 2019 was held at Vishwakarma University campus on November 16.

TECHNO-CULTURAL GALA BY QUICK HEAL FOUNDATION

PUNE: Quick Heal Foundation and Vishwakarma University joined hands to organise Cy-Fi Arts Festival 2019 a techno-cultural gala. The event was held on November 16 at the Vishwakarma University campus in Pune. The event saw many prominent film, theatre, and TV personalities in attendance. It focused on contemporary works of art that reflect human life in the digital world. The gala aimed at creating cyber security awareness through an edutainment platform. Samar Nakhate, former dean of Film & Television Institute of India was the chief guest at the award function. Kailash Katkar, chief executive officer, Quick Heal Technologies and Siddharth Jadhav, vice-chancellor, Vishwakarma University were also present.

Courses in sanitation at Vishwakarma University

PHOTOGRAPHY: VISHWAKARMA UNIVERSITY

Times News Network

PUNE: The Vishwakarma University will act as the nodal centre in the western zone to facilitate the dissemination of knowledge on sanitation.

The initiative would include postgraduate (MSc) programmes, online (self-study and instructor-led) courses, face-to-face (on campus) courses and tailor-made training with an aim to address sanitation challenges in the country. The university has partnered with the Global Sanitation Graduate School (GSGS) to enable students, social practitioners, environmentalists and academicians to learn about sanitation. The initiative is led by IHE Delft Netherlands and supported by Bill and Melinda Gates Foundation.

On November 7 and 8, Thammarat Kootatong, profes-



A sanitation workshop was held at the institute on November 7 and 8

sor from Asian Institute of Technology in Thailand, conducted a sanitation workshop for the faculty in Vishwakarma University, where they participated in several sessions.

Siddharth Jadhav, vice-chancellor of the university said, "With the aim of development of sanitation practices and a pragmatic and innovative approach, we shall enable students, social practitioners, environmentalists and academicians

to learn about sanitation."

Kootatong said, "With developing countries facing challenges in lack of proper sanitation facilities, this effort could bring out the development of new era of a clean and hygienic world. It aims at providing an enabling environment with a vibrant community of professionals who have completed one or more educational training courses offered by members of the school."

सॅनिटेशन उपक्रमाचे 'विश्वकर्मा'त केंद्र

पुणे : विश्वकर्मा विश्वविद्यालय याद्वारे सॅनिटेशन उपक्रमाला केंद्रित करून 'विश्वकर्मा'त केंद्र स्थापित करण्यात आले आहे. केंद्राच्या माध्यमातून विद्यार्थ्यांना सॅनिटेशनविषयीचे माहिती देण्यात येईल.

कॅम्पस हॅपनिंग

विश्वकर्मा विश्वविद्यालय हा महानगरातील उपग्रह 'आयव्हीयू टेक्नो कॅम्पस' याद्वारे सॅनिटेशन उपक्रमाचे केंद्र स्थापित करण्यात आले आहे. केंद्राच्या माध्यमातून विद्यार्थ्यांना सॅनिटेशनविषयीचे माहिती देण्यात येईल.

सॅनिटेशनविषयीचे माहिती देण्यात येईल. केंद्राच्या माध्यमातून विद्यार्थ्यांना सॅनिटेशनविषयीचे माहिती देण्यात येईल.

सॅनिटेशनविषयीचे माहिती देण्यात येईल. केंद्राच्या माध्यमातून विद्यार्थ्यांना सॅनिटेशनविषयीचे माहिती देण्यात येईल.

'घाबनाचा छंद जोपासा'

पुणे : विश्वकर्मा विश्वविद्यालय याद्वारे सॅनिटेशन उपक्रमाचे केंद्र स्थापित करण्यात आले आहे. केंद्राच्या माध्यमातून विद्यार्थ्यांना सॅनिटेशनविषयीचे माहिती देण्यात येईल.



विश्वकर्मा विश्वविद्यालय याद्वारे सॅनिटेशन उपक्रमाचे केंद्र स्थापित करण्यात आले आहे.

Be inquisitive, vice-chairman of UGC tells students

Pune: University Grants Commission vice-chairman Bhushan Patwardhan introduced to the students of the Vishwakarma University on Friday the concept of National Academic Credit Bank, where a student can earn credit much before taking admission.

Patwardhan was the chief guest at the first convocation ceremony of Vishwakarma University, while Pradeep Bhargava, MCCA president, was the guest of honour. He urged students to be inquisitive and never stop asking questions in the quest of life-long learning. Vice-chancellor Professor Siddharth Jabade presented a brief account of various achievements of the university. **TNN**

साय-फाय आर्ट्स फेस्टिव्हल शनिवारी

पुणे: 'सिक्झ्थिग फ्युचर्स' (षष्ठिय मुरक्षित करणे) या संकल्पनेवर 'स्विक होल'तर्फे विश्वकर्मा विद्यापीठाच्या कॅम्पसमध्ये १६ नोव्हेंबरला 'साय-फाय आर्ट्स फेस्टिव्हल' होणार आहे. 'सामर्थ्यविश्वातील मनुष्य जीवन' यावर घेता फेस्टिव्हलचा धर असून, लघुपट, चित्रपत्रे, काथाकथन आणि निबंध अशा विविध कलाप्रकारांत आविष्कार घडेल.

स्विक होल कंपनीने महाराष्ट्र सायबर पोलिस आणि विश्वकर्मा विद्यापीठाच्या सहकार्याने फेस्टिव्हल आयोजित केला आहे. या फेस्टिव्हलला लक्षांसेवेतांचे विषयपट समीक्षक डॉ. समर नखाते उपस्थित राहणार आहेत. सायबरसुरतेला चालणू देण्यासाठी युवा अभियंतांनीच्या लक्षांसेवेता साह्याने समाजात ठसा उमटवणे असा फेस्टिव्हलचा उद्देश आहे.

या फेस्टिव्हलद्वारे सायबरसुरतेला जागतिक अधिक भर देण्याचे उद्दिष्ट आहे. डिजिटल भविष्य सुरक्षित करणे आणि 'डिजिटल प्रथम राष्ट्र' म्हणून भारतासाठी एक मोठा पाय तयार करणे, अशी उद्दिष्टांमधील दृष्टी असल्याचे स्विक होल टेक्नॉलॉजीने नवे व्यवस्थापकीय संचालक डॉ. केलास काटकर यांनी सांगितले.

सायबर धोक्यांपासून रक्षण करू शकणारे अत्याधुनिक संरक्षण स्वीकरणस मदत होईल, असे महाराष्ट्र सायबरचे पोलिस उपमहानिरीक्षक इतीश वैजल यांनी सांगितले. कुलनुरू डॉ. सिद्धार्थ जबडे म्हणाले, की प्रतिष्ठित परीक्षकांच्या समितीने लघुपटांतील सामर्थ्य कॅनेले स्पर्थक फेस्टिव्हलमध्ये सहभागी होतील. म्हाविश्वव्यापी स्पर्थकांचे समाजमाध्यमावर प्रेषकांकट्टूनही मूल्यमापन करण्यात येईल.

शिक्षणाबाबत विचारमंथन

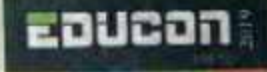
टोकियोत आजपासून 'एज्युकॉन' परिषद

डॉ. बाळू न. बोटे पाटील : सकाळ वृत्तसेवा

परीषदेत मार्गदर्शन करतील.

टोकियो (जपान), ता. २३ : 'सकाळ माध्यम समूह'तर्फे उद्यापामून (ता. २४) 'एज्युकॉन २०१९' ही दोन दिवसांची परिषद होत आहे. कौशल्यविकास व शिक्षणाबाबत या परिषदेमध्ये विचारमंथन होणार आहे. या क्षेत्रातील तज्ज्ञ

'सकाळ माध्यम समूह'चे अध्यक्ष प्रतापराव पवार यांच्या अध्यक्षतेखाली होणाऱ्या या परिषदेत विविध विद्यापीठांमधील कुलनुरू, प्रमुख उच्च शिक्षण संस्थांचे संचालक, शिक्षणासह आर्थिक, व्यावसायिक क्षेत्रातील प्रमुख सहभागी होत आहेत.



पान ४ वर ३

देशभरातील तज्ञांची उपस्थिती!

एज्युकॉन परिषदेत एकंदर सात सत्रांमध्ये 'कौशल्यविकास व शिक्षण' या विषयांसंदर्भात चर्चा होईल. त्यामध्ये राज्याच्या आदर्श गाव संकल्प व प्रकल्प समितीचे कार्यक्षेत्र पोपटराव पवार यांच्यासह देशभरातील तज्ञांचा सहभाग राहणार आहे. मुळाव्या एज्युकेशन सोसायटी, आसरा फाउंडेशन, यशवंत कृषी, ग्राम व पाणलोट विकास संस्था, वृद्धोत्तर मल्टिमिडीय, स्वामी विवेकानंद विद्या प्रसारक मंडळ, कराळे कॉम्प्युटर टायपिंग इन्स्टिट्यूट, आंतरभाषातील सरल इंटरनेशनल मेडिकल एज्युकेशन ट्रस्ट, अजिंक्य डी. वाय. पाटील विद्यापीठ, डॉ. डी. वाय. पाटील मेडिकल कॉलेज, हॉस्पिटल व रिसर्च, चौधरी अतारसिंग यादव मेमोरिअल एज्युकेशन ट्रस्ट, कॉलेज ऑफ इंजिनिअरिंग (पुणे), न्यू कळंबोली एज्युकेशन सोसायटी, नूतन महाराष्ट्र विद्या प्रसारक मंडळ, सूर्यदाता ग्रुप ऑफ इन्स्टिट्यूट, अलई चॅरिटेबल ट्रस्ट, चॅरिटेबल एज्युकेशन सोसायटी, के. के. वाय एज्युकेशन सोसायटी (नाशिक), डॉ. डी. वाय. पाटील टेक्निफल कॅम्पस, ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटी, विश्वकर्मा विद्यापीठ, विश्वकर्मा इन्स्टिट्यूट ऑफ इन्फर्मेशन टेक्नॉलॉजी, विश्वकर्मा इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, सिंहाड टेक्निफल एज्युकेशन सोसायटी, प्रबंधन बहुउद्देशीय संस्था, स्पेक्ट्रम अँडइडमी आदी संस्था या परिषदेत सहभागी झाल्या आहेत.

Travel & tourism goes places, pupils enrol in degree courses to get there

Colleges Are Launching Programmes For Industry

Arjun Vaid A
Mumbai

Power To the people. It's not just a slogan for the Indian Communist Party, it's a motto for the industry. The Indian Communist Party is the only political party in India that has a dedicated wing for the industry. The industry is the backbone of the Indian economy and the Indian Communist Party is the only political party in India that has a dedicated wing for the industry.

A GROWING SECTOR

FOREIGN TOURIST ARRIVALS IN THE COUNTRY



EMPLOYMENT GENERATION



MEDICAL VISITS UP

YEAR NUMBER OF FOREIGN TOURIST



WHERE TO GO FOR A SECRET

Medical Council of Hotel Management and Catering Technology
-During 2013-18 a total of 5,79,836 students, 43,386 students and 1,23 students of diploma and certificate courses in hotel management graduated from institutes affiliated to the council.

INDIAN INSTITUTE OF TRAVEL AND TOURISM MANAGEMENT

-During 2013-18, 100 students of BBA in Travel and Tourism Management graduated from the Indian Institute of Travel and Tourism Management.

INDIAN CULINARY INSTITUTE

-The Indian Culinary Institute will set up a curriculum to support efforts involved in preparing, document, promote and disseminate information about Indian cuisine, meet the actual requirement of specialists specific to Indian cuisine and promote 'cuisine' as a niche tourism product.

It, however, is pointed that students in the service industry need to have a good understanding of the industry to be able to compete with the service industry.

According to the industry, the service industry is the backbone of the Indian economy and the Indian Communist Party is the only political party in India that has a dedicated wing for the industry.

Good education, research & industry linked courses



VIT Vellore Institute of Technology (VIT) is a private university in Vellore, Tamil Nadu, India. It is known for its high-quality education, research, and industry-linked courses. The university has a long history of excellence in engineering, technology, and management education. It is a member of the Association of Universities and Colleges in India (AUCI) and the Association of South East Asian Universities (ASEAU).

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विद्यापीठांमधील स्थिती काळजीची

भूषण पटवर्धन यांचे मत; विश्वकर्मा विद्यापीठाचा पदवीप्रदान समारंभ

मुंबई, २२ : "देशातील काही विद्यापीठांमधील स्थिती काळजीची दिसते आहे. ही स्थितीक चक्रे पुढे टाकण्यात आणून विश्वकर्मा विद्यापीठाचा पदवीप्रदान समारंभ होत आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे."

उद्योग क्षेत्रात होणाऱ्या बदलांमुळे देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे.

विद्ययापीठांमधील स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे."

राजकीय स्वार्थासाठी विद्यापीठांना रणभूमी बनविण्याची गरज नाही

राजकीय स्वार्थासाठी विद्यापीठांना रणभूमी बनविण्याची गरज नाही. विश्वकर्मा विद्यापीठाचा पदवीप्रदान समारंभ होत आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे. या समारंभाने देशातील विद्यापीठांची स्थिती काळजीची दिसते आहे."

साय-फाय महोत्सव शनिवारी

पुणे : विश्वकर्मा विद्यापीठ, क्विंक हॉल आणि महाराष्ट्र सायबर पोलिसांतर्फे 'साय-फाय कलामहोत्सव' आयोजिला आहे. पुण्यात विश्वकर्मा विद्यापीठाच्या आवारात शनिवारी (ता. १६) हा महोत्सव होणार आहे. चित्रपट आणि दूरचित्रवाणी संस्थेचे मार्जी अधिष्ठाता प्रा. समर नखाते हे प्रमुख पाहुणे म्हणून उपस्थित राहणार आहेत. "सायबर सुरक्षेसाठी आणि युवकांच्या कलागुणांना याच देण्यासाठी हा महोत्सव आहे. सायबरविश्वातील मनुष्यजीवन या संकल्पनेवर लघुपट, भित्तिपत्रके, कथाकथन आणि निबंध आदी स्पर्धांचे आयोजन केले असून, देशभरातील कलाकार यामध्ये सहभागी होणार आहेत," असे 'विश्वकर्मा'चे कुलगुरू डॉ. सिद्धार्थ जबडे यांनी सांगितले. डिजिटल साक्षरतेतून भारताला सक्षम करण्याचा आमचा प्रयत्न आहे. त्यासाठी हा महोत्सव महत्त्वाचा असल्याचे 'क्विंक हॉल'चे व्यवस्थापकीय संचालक कैलास काटकर यांनी सांगितले.



पुढारी
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संक्षिप्त

विश्वकर्मा विद्यापीठाला प्रतिष्ठेचा पुरस्कार



डॉ. निरंजन हिरानंदानी यांच्या हस्ते
गौरव स्वीकारताना डॉ. सिद्धार्थ जबडे.

कुलगुरू डॉ. सिद्धार्थ जबडे यांना असोचॅमचे अध्यक्ष डॉ. निरंजन हिरानंदानी यांच्या हस्ते या गौरवाचे मानपत्र देण्यात आले.

अनेक नामांकित विद्यापीठांचे कुलपती, कुलगुरू, प्राचार्य, डीन, संचालक देशभरातील आघाडीची सरकारी व खाजगी विद्यापीठे, महाविद्यालये, एज्युटेक स्टार्टअप्स आणि सल्लागार यांच्या उपस्थितीत झालेल्या या संमेलनाचा हेतू जागतिक स्तरावर शैक्षणिक नवनिर्मितीला प्रोत्साहन देण्याचा होता.

पुणे : असोचॅम (भारतीय वणिज्य उद्योग मंडळ) तर्फे नवी दिल्ली इथे अलीकडेच पार पडलेल्या तेराव्या उच्चशिक्षण कौशल्य आणि उपजीविका कॉन्क्लेव्ह २०२० मध्ये विश्वकर्मा विद्यापीठाला पश्चिम भारतासाठीचा युनिव्हर्सिटी ऑफ द इअर विद्यापीठाचा सन्मान देण्यात आला. विश्वकर्मा विद्यापीठाचे

CREATE YOUR OWN TUNES

Short-Term Certificate Courses Are Opening Doors To Careers In Music Production, Sound Design, Disc-Jockeying And Sound Engineering While Providing A Key To Industry-Relevant Techniques And Technologies

By **Deepa Shinde** and **Aashish Kulkarni**

A huge range of career options related to music production are opening up in the city as leading institutes launch short-term certificate courses. These courses are designed to provide students with the skills and knowledge needed to enter the music industry.

These short-term certificate courses are designed to provide students with the skills and knowledge needed to enter the music industry. They cover a wide range of topics, including music production, sound engineering, and disc jockeying. These courses are designed to provide students with the skills and knowledge needed to enter the music industry.



Facilities are offering courses for electronic music enthusiasts, singers and instrumentalists. They set-up with software and hardware manufacturers to help students acquire in-depth knowledge and access to equipment at an affordable price.

These short-term certificate courses are designed to provide students with the skills and knowledge needed to enter the music industry. They cover a wide range of topics, including music production, sound engineering, and disc jockeying. These courses are designed to provide students with the skills and knowledge needed to enter the music industry.

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'Music production is a perfect mix of art and science'

By **Deepa Shinde**

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HIT THE HIGH NOTE
The School of Music at Vishwakarma University hosts the annual Lakshminarayana Global Music Festival with the aim of giving students exposure to legendary performers from across the world



OPPORTUNITIES AVAILABLE

• Music production	• Sound engineering
• Disc jockeying	• Music business
• Music marketing	• Music management
• Music education	• Music therapy
• Music journalism	• Music criticism
• Music history	• Musicology
• Music law	• Music psychology
• Music sociology	• Music anthropology
• Music geography	• Music linguistics
• Music anthropology	• Music archaeology
• Music history	• Musicology
• Music law	• Music psychology
• Music sociology	• Music anthropology
• Music geography	• Music linguistics
• Music anthropology	• Music archaeology

THE RAHMAN CONNECTION
These short-term certificate courses are designed to provide students with the skills and knowledge needed to enter the music industry. They cover a wide range of topics, including music production, sound engineering, and disc jockeying. These courses are designed to provide students with the skills and knowledge needed to enter the music industry.

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विश्वकर्मा विद्यापीठाला 'असोचॅम'चा पुरस्कार

पुणे, ता. ५ : असोचॅम (भारतीय वाणिज्य उद्योग मंडळ)तर्फे नवी दिल्ली येथे नुकत्याच झालेल्या १३व्या उच्च शिक्षण कौशल्य आणि उपजीविका कॉन्क्लेव्ह २०२० मध्ये विश्वकर्मा विद्यापीठाला पश्चिम भारतासाठी 'इमर्जिंग युनिव्हर्सिटी ऑफ द इअर' विद्यापीठाचा सन्मान देण्यात आला.

विद्यापीठाचे कुलगुरू डॉ. सिद्धार्थ जबडे यांना असोचॅमचे अध्यक्ष डॉ. निरंजन हिरानंदानी यांच्या हस्ते हा पुरस्कार प्रदान करण्यात आला.

अनेक नामांकित विद्यापीठांचे कुलपती, कुलगुरू, प्राचार्य, डीन, संचालक, देशभरातील आघाडीची सरकारी व खासगी विद्यापीठे, संस्था,

महाविद्यालये, एज्युटेक स्टार्टअप्स आणि सल्लागार यांच्या उपस्थितीत हा कार्यक्रम झाला.



दिल्ली : डॉ. निरंजन हिरानंदानी (डावीकडून) यांच्या हस्ते पुरस्कार स्वीकारताना विश्वकर्मा विद्यापीठाचे कुलगुरू डॉ. सिद्धार्थ जबडे.

सकाळ

• पुणे, ★ मंगळवार, २४ सप्टेंबर २०१९

शिक्षणाबाबत विचारमंथन

टोकियोत आजपासून 'एज्युकॉन' परिषद

डॉ. बाळ ज. बोटे पाटील :
सकाळ वृत्तसेवा

टोकियो (जपान), ता. २३ : 'सकाळ माध्यम समूह' तर्फे उद्यापासून (ता. २४) 'एज्युकॉन २०१९' ही दोन दिवसांची परिषद होत आहे. कौशल्यविकास व शिक्षणाबाबत या परिषदेमध्ये विचारमंथन

होणार आहे. या क्षेत्रातील तज्ज्ञ परिषदेत मार्गदर्शन करतील.

'सकाळ माध्यम समूह'चे अध्यक्ष प्रतापराव पवार यांच्या अध्यक्षतेखाली होणाऱ्या या परिषदेत विविध विद्यापीठांचे कुलगुरू, प्रमुख उच्च शिक्षण संस्थांचे संचालक, शिक्षणासह आर्थिक, औद्योगिक, व्यावसायिक क्षेत्रातील प्रमुख सहभागी होत आहेत. शिक्षणासह विविध क्षेत्रातील तज्ज्ञांना

एकाच व्यासपीठावर आणून उच्च शिक्षणाच्या पद्धतीत बदल घडवून आणण्यासाठी 'सकाळ माध्यम समूह' २००५ पासून 'एज्युकॉन'च्या माध्यमातून प्रयत्नशील आहे. गेल्या १५ वर्षांपासून सुरू असलेल्या 'एज्युकॉन'ची ख्याती संपूर्ण पोन्कडी आहे. जगभरातील शैक्षणिक जगताची माहिती जाणून घेण्यासाठी आतापर्यंत

थायलंड, ब्राँलंका, मलेशिया, संयुक्त अरब अमिराती, चीन, तुर्कस्तान, फ्रान्स, जर्मनी, इस्राईल, सिंगापूर व रशिया या देशांमध्ये ही परिषद झाली आहे.

येथील ग्रँड प्रिन्स हॉटेलच्या सभागृहात आजपासून सुरू होत असलेल्या एज्युकॉन या शिक्षण परिषदेची 'कौशल्यविकास व शिक्षण' ही संकल्पना आहे. याबाबत जपानच्या पंतप्रधानांचे सल्लागार संजीव सिन्हा, जपानचे धारतातील माजी राजदूत हिराबायाशी,

देशभरातील तज्ज्ञांची उपस्थिती!

एज्युकॉन परिषदेत एकंदर सत्त सत्रांमध्ये 'कौशल्यविकास व शिक्षण' या विषयांसंदर्भात चर्चा होईल. त्यामध्ये राज्याच्या आदर्श गाव संकल्प व प्रकल्प समितीचे कर्णाध्यक्ष पोषटराव पवार यांच्यासह देशभरातील तज्ज्ञांचा सहभाग राहणार आहे. मुळा एज्युकेशन सोसायटी, आसरा फाउंडेशन, यशवंत कृषी, ग्राम व पणलोट विकास संस्था, वृद्धेश्वर मल्टिमिडियम, स्वामी विवेकानंद विद्या प्रसारक मंडळ, कराळे कॉम्प्युटर टायपिंग इन्स्टिट्यूट, आंतरभारती रेल इंटरनॅशनल मेडिकल एज्युकेशन ट्रस्ट, अजिंक्य डी. बाय. पाटील विद्यापीठ, डॉ. डी. बाय. पाटील मेडिकल कॉलेज, हॉस्पिटल व रिसर्च, चौधरी अतारसिंग यादव मेमोरिअल एज्युकेशन ट्रस्ट, कॉलेज ऑफ इंजिनिअरिंग (पुणे), न्यू कलंबोर्नी एज्युकेशन सोसायटी, नूनन महाराष्ट्र विद्या प्रसारक मंडळ, सूर्यवंता ग्रुप ऑफ इन्स्टिट्यूट, अलहॉ चॅरिटेबल ट्रस्ट, चॅरिटेबल एज्युकेशन सोसायटी, के. के. बाय एज्युकेशन सोसायटी (नाशिक), डॉ. डी. बाय. पाटील टेक्निकल कॉम्पस, ऑल इंडिया श्री शिवाजी मेमोरिअल सोसायटी, विश्वकर्मा विद्यापीठ, विश्वकर्मा इन्स्टिट्यूट ऑफ इन्फर्मेशन टेक्नॉलॉजी, विश्वकर्मा इन्स्टिट्यूट ऑफ टेक्नॉलॉजी, सिंहाट टेक्निकल एज्युकेशन सोसायटी, प्रबोधन बहुउद्देशीय संस्था, स्पेक्ट्रम अँकॅडमी आदी संस्था या परिषदेत सहभागी झाल्या आहेत.

जपान-इंडो चेंबर ऑफ कॉमर्सचे माजी अध्यक्ष निशीपोटो, जपान रायन्स व टेक्नॉलॉजीचे डॉ. निशीकामा, जपानमधील साईटामा विद्यापीठातील प्राध्यापक डॉ.

नैमुरा, टोकियो विद्यापीठातील प्राध्यापक डॉ. योशिनो व आयआयटी कानपूरचे माजी संचालक डॉ. संजय धाडे आदी मार्गदर्शन करणार आहेत.

EDUCON
2019



PROJECTS



Consultancies

Soft Skills Training conducted by the Faculty of Commerce and Management

Client: Ranka Jewelers

Faculty of Commerce & Management delivered 76 hours training programme to staff of leading Jewelers, Ranka Jewellers. The objective of the training was to develop customer service orientation amongst the employees. The training was spread over 8 months and involved over 150 employees of Ranka Jewelers. Please find below the details.

OVERVIEW

Goal: Customer Service Orientation

Branches: Karve Road, Hadapsar, Baner and Satara Road

Training Venue: Ranka Jewellers, Satara Road Branch and Karve Road Branch

Total Training hours: 76 hours

One Day Management Development Program

Client: Riskpro Management Consulting Private Limited

A One-day training programme was completed by the faculty of Commerce and Management. 10 employees of Riskpro were trained in five modules. The training was delivered using case study method, presentation method and role play method. The training was held on the University campus. Three faculty members trained the employees in developing effective communication skills, time management, conflict management, team building and motivation. The essentials of delegation and coordination was also one of the modules delivered. The participants were participative and benefited from the training.



Wadia Hospital Research- Prof. Pise developed a machine learning (DCNN) model for automatic and accurate classification of vector mosquitos at the genera / species level based on the images. The system provides a mechanism for government and health-care services to implement effective vector control strategies and respond to epidemic outbreaks in a timely fashion with the Wadia Hospital Research.

Project on “ Prognosis of COVID-19 patients using ML algorithms” The project was to develop ML models to predict the prognosis of COVID patients based on the patients’ clinical parameters.



Consultancy for Center for Police Research, Maharashtra- Overview of Forensic Audit and Role of Forensic Audit in Police Investigation

Employee Satisfaction Survey	SAP	Student Project
Display of Wrong & Good Practices in Canteen	SAP	Student Project
HR incident Report Management System	SAP	Student Project
Market Potential Study for maintenance of water pumping systems	Wilo	Student Project

Sr. No.	Project Title	Industry/ Institute Name	Nature of Collaboration (Student Project/ internship/ research project/ consultancy etc.	No. of Students/ Faculties involved
1.	Campaign for Awareness of cybercrime involving children	QuickHeal IT Security, Pune	Student Project	Advertising batch of Final Year Students
2.	Campaign for a Beauty Pageant	DigiRoster Digital Agency, Pune	Student Project	Advertising batch of Final Year Students
3.	Development of Biosensors	Robonic Pharma Pvt. Ltd.	Research Project	01 faculty
4.	Healthcare facility dictionary android app	JT foundation	Research Project	03 faculties
5.	Vertical Sewage Treatment Plant	Wilo	Industry Funded Research Project	
6.	Boondiram Project	Wilo	Industry Funded Research Project	



**COVID
RESPONSE**



VU Vaccination Drive

A taskforce is formed under the leadership of Dean Pharmacy. The university management enabled clearance for faculty members as frontline workers and a free of cost vaccination drive was arranged for entire staff. Taskforce team tracked each vaccinated member for post vaccination symptoms and assistance and counselling was provided to symptomatic individuals.

The vaccination moto was

**‘V for Vaccination,
V for Victory
V for Vishwakarma University!’**

COVID – 19 Support Group

Faculty members in various localities were identified for the support team under the leadership of Dean Pharmacy. Diurnal review of every affected staff member was taken by the team. Food supply, immediate financial support in case of hospitalization and any other support required was provided.



VU intermediate opening

After the notification from state government on campus re-opening with 50% of staff capacity in the month of February 2021, VU equipped itself with all the prescribed guidelines. The buildings were deep cleaned and sanitized, entrances were marked with social distancing indications. Adequate sanitization devices and personal protective gears were made available. Entry protocol with thermal check, hand sanitization and SpO2 check was implemented. Ambulance facility was provided in case of emergency on the campus. Students' willingness to join offline classes, on-campus were reviewed through a Google form survey in addition to form of consent to be signed by the parents.

VU Digital Course for COVID

A novel initiative for pandemic literacy was launched under our VU-Digital e-learning portal in the form of a course. This course consisted of COVID-19 Background, Origin zoonotic viruses such as COVID-19, Infection Prevention and Control, Investigation & Monitoring, Covid -19 Diagnosis and its Management, Stabilization and Recovery, Covid 19 Operations Planning, Risk Communication and Public Health, Vishwakarma University Support for Covid Care and Recovery, Course Assessment & Certification

COVID – 19 Support Group

Faculty members in various localities were identified for the support team under the leadership of Dean Pharmacy. Diurnal review of every affected staff member was taken by the team. Food supply, immediate financial support in case of hospitalization and any other support required was provided.

Covid-19 Design & Innovation Challenge

Project Title: Development of Informative video during COVID

Department: Department of Water, Sanitation and Hygiene

Duration: 16 June 2020 to 11 July 2020

Number of Students involved: 5

Number of Faculty involved: 5 (2 faculties from art and Design)



School of Music
&
Dept. of Journalism & Mass Communication
presents

शुक्रिया
A musical tribute
to the healthcare fraternity



Campus Safety Initiatives

VU Covid19 Response

'Be Informed, Prepared, Smart and Safe'

The COVID-19 pandemic has led to a dramatic loss of human life worldwide and presents an unprecedented challenge to public health, food systems and the world of work. The economic and social disruption caused by the pandemic is devastating. Vishwakarma University rapidly strategized its covid action plan.



Covid Awareness - Digital Courses

'Covid 19 Facts, Awareness, Response, and Containment Measures.' It is to strengthen the capacity to respond rapidly and efficiently to the threat of COVID-19. The course with duration 1.5 hours, will be launched on 15th April 2021 and free for all VU students and faculties through VOLP platform.

Courses Include :

- Covid-19 Background
- Infection Prevention and Control
- Covid-19 Diagnosis and its Management
- Covid-19 Operations Planning
- Risk Communication and Public Health Communication
- Origins Covid-19
- Investigation & Surveillance
- Stabilization and Recovery
- Course Assessment & Certification
- Vishwakarma University Support for Covid Care and Recovery

VU- ISO 27001

Implementation of ISO-27001 Standard that includes 14 Domains with 114 security Controls



IS: Information Security



Thank You.



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