# ANNUAL REPORT 2019-20





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## Year in **Retrospect**



Dr. Prasheel Suryawanshi

Vice Chancellor

The past year has been all about strengthening the university academically and introducing elements that boost the wholesomeness of Avantika's educational landscape.

The university successfully started with its third batch with the Orientation Program of the students in July 2019. Since then, life at Avantika has been full of academics, exploration, team building coupled with dynamic student life. Currently, the university hosts 330 resident students from programs like BDes, MDes, BTech, and BDes (Fashion Design) in the third year of its inception. The faculty strength of the university currently touches 39, who were supported with 3 other design and engineering faculties who bid their goodbyes at the end of the session. The university invited 17 experts from various backgrounds as visiting faculties to bring about a different perspective and cater to specialized areas.

The university from day one is geared towards bringing industry perspective and exposure in academics. A total of 31 industry connect sessions and visits were organized by hosting industry professionals from diverse backgrounds to share their experience, conduct sessions, and workshops. The students benefited by getting a look at the industry best practices and learned directly from the domain experts.

In the past year, the university benefited from a very good number of national and international collaborations. The past year witnessed 9 collaborations with the global universities for students and faculty exchange programs, research initiatives, sharing knowledge resources,

and establishment of hi-tech design labs. There were 3 collaborations with industry partners for establishing design-technology labs for social initiatives and knowledge resources, and 13 collaborations with government and private bodies that support the academics, enhance external participation, and lay numerous opportunities for the students at the campus and outside.

The highlight was our MoU with ShopX, a Retail Operating System. The collaboration facilitates setting-up the Design Technology Lab which will enable the students and faculty to co-create unique and impactful products that will be placed in the market for consumption. The lab would aim to cater to the growing needs in the pro-sustainable and market-driven industry by launching products that add value to the end-customer.

In the past year, our students continued to enjoy remarkable levels of success across the four cornerstones, academic, cultural, sport, and leadership in a wide range of regional, national, and international competitions. The significant ones were Lexus Design Awards India 2020, NASSCOM Design4India Awards 2019, Kala Ghoda Arts

Festival 2020, and YUJ UXplorer Design Awards 2019. Besides, the percentage of students who received internship opportunities was 100%, and we are thrilled to present the student to the opportunity ratio is maintained at 1:4. These numbers signify the university's vision for the future of Designeering education coming to fruition.

As a part of our outreach initiatives, the university launched the webinar series - Avantika Connect and the podcast series - Avantika Designeering Series. These initiatives crafted a platform for connecting with the design and engineering fraternity and discuss the innovations that the blend of design and technology has delivered to the world. The university received a great response from industry professionals, academicians, and the student community.

The university further plans on extending its courses in the coming year with the introduction of Ph.D. in various specializations. As the university gets ready to enter the fourth year of its functioning and welcome its fourth batch, we feel rejuvenated and geared to provide world-class exposure to our students and develop them as empathizing industry and society ready professionals.

## The **Spirit** of Avantika

## Design at Avantika is an active verb and not a passive noun

The spirit is embedded across all disciplines at Avantika. Design centric learning at Avantika starts with engaging the learners to confront challenges. The learners will solve these challenges through analysis, reflection, ideation, synthesis, prototyping, and testing the impact. As the academic program progresses, these challenges change in terms of their scale, complexity, and ambiguity involved. Learners invest energy, time, and effort into these tasks. This approach leads them to ask questions and seek answers by reflection, collaboration, and interaction. The faculty members act as facilitators and collaborators in this endeavour. Learning at Avantika is just-in-time and not just-in-case.

#### Vision

Avantika aims to nurture and cultivate young minds who will serve as enlightened citizens, bringing a positive change in the society.

#### **Core Features**

#### #Designeering

- Spirit of design, innovation, and enterprise
- Liberal and creative approach to education
- Interdisciplinary, integrative, and immersive learning
- Foster critical, lateral and analytical thinking
- Harbor intellectual and practical dexterity Skillset and Mindset
- Project and problem-based learning
- Focus on how to learn and not what to learn
- Promote independent thinking and intellectual boldness
- Qualitative, relevant, and contemporary education
- Sensitivity and alertness as world citizens



#### **Values**

#### #Create, Change, Transform

- Freedom of Thinking
- Academic Rigor and Excellence
- Integrity and Diligence
- Collaboration over Competition
- Individuality, Diversity, and Universality
- Social and Moral responsibility

#### **Objectives**

- To be a leader in the field of higher education, aiding growth in frontier areas of national importance.
- To be a Center of Excellence in Design, Innovation, Research, and Development.
- To be a Finishing School with Extension, Outreach, and Community programs for various strata of society.
- To identify local, regional, national, and global needs, and promote academic growth by offering undergraduate, postgraduate, and doctoral programs in varied disciplines.
- To inculcate and promote the spirit and culture of design, innovation, enterprise, leadership, tolerance, and camaraderie amongst all concerned.

- To create a positive environment, complemented by adequate facilities and resources in which, students and faculty pursue their ideas with rigor and integrity.
- To develop a participatory learning model, that is innovative and enjoyable while being meticulous and comprehensive at the same time.
- To recruit and retain excellent faculty from around the globe and provide inclusive teaching at all levels; to transform students into winning personalities and complete human beings.
- To produce graduates who are adaptable and alert to the benefits of lifelong learning and who meet the requirements of employers at local, national, and international levels across varied sectors.

- To enhance interaction and cooperation between researchers for interdisciplinary and multidisciplinary work; by forging academic and research collaborations with national and international universities, governments, and industries.
- To establish links with various R&D organizations and funding agencies for sponsored and contract research in frontier areas of science and engineering.
- To strengthen the industry-institute interface through training, academic projects, sponsored projects, and collaborative research with industry.
- To promote extension, outreach, and field programs in industrial, educational, and socially relevant areas, for students and the community at large.

Education
starts with Observation
evolves with Comprehension
and ends with Innovation

#### Academics

## Academic Programs

Avantika University offers three academic programs, namely, Bachelor of Design, Master of Design, and Bachelor of Technology.

The academic programs are based on an interdisciplinary curriculum with a philosophy of design-centered education.

#### Students on Roll

#### **Foundation Year**

Bachelor of Design	87
<ul><li>Master of Design</li></ul>	14
<ul><li>Bachelor of Technology</li></ul>	22
Bachelor of Design (Fashion Design)	6

#### **Second Year**

Bachelor of Design	84
Bachelor of Technology	9

#### **Third Year**

**Total** 

•	Bachelor of Design	86
•	Bachelor of Technology	22

#### **School of Design**

#### **BDes**

<ul><li>Foundation</li></ul>	87
<ul><li>Industrial Design</li></ul>	68
Communication Design	64
<ul> <li>User Experience Design</li> </ul>	38
MDes	
<ul><li>Industrial Design</li></ul>	7
Communication Design	7

#### **School of Engineering**

#### **BTech**

330

<ul><li>Foundation</li></ul>	22
Computer Science and Engineering	28
Mechanical Engineering	3

#### **School of Fashion**

#### **BDes** (Fashion Design)

Foundation

#### School of Design



Prof. **Sukanta Kundu** 

Dean - School of Design

The School of Design was led by Prof. Sukanta Kundu as the Dean and offered BDes and MDes in the 2019-20 session. The specializations in BDes were Industrial Design, Communication Design, and User Experience Design, and in MDes were Industrial Design and Communication Design. There were a total of 84 design students in the second year of BDes program who further chose their specializations to segregate as 27 students in Industrial Design, 29 in Communication Design, and 28 in User Experience Design. In the academic year 2019-20, a total of 87 students joined the School of Design for the Foundation Year, and a total of 14 students joined in MDes who further segregated as 7 in Industrial Design, and 7 in Communication Design.

The academic courses were delivered by 22 faculty members with diverse specialization and experience. The school maintained a healthy faculty to student ratio at 1:12 and is continuously making efforts to further expand its firepower.

A total of 10 visiting faculties were invited to contribute to the courses and bring a different perspective. They were invited to take lectures in the field of Ergonomics, Photography, Emotive Design, UX Design, UX Research Tools, and contribute to courses of the Foundation Year. Students were indulged in many co-curricular activities and attended a total number of 31 industry connect sessions and workshops. These were conducted every Friday at the campus, and industry experts from various domains were invited to share their experience and knowledge. The significant achievements were bagging the Lexus Design Awards India 2020, NASSCOM Design4India Awards 2019, YUJ UXplorer Design Awards 2019, and the participation in Kala Ghoda Arts Festival 2020.

The students presented their work in every semester to a jury comprising of external experts and in-house faculty. A total of 15 external experts were involved in the assessment and feedback. The school was privileged to host eminent designers like Jamila Varawala, Narayan Subramaniam, Saptarshi Prakash, Devika Gharge, Amirkhan Pathan, etc. in the jury. The feedback received from the external experts has been encouraging and guiding at the same time.

#### Toppers of the Session....



**Yashi Pareek**BDes - 1<sup>st</sup> Year | Foundation



**Atharva Pande**BDes - 2<sup>nd</sup> Year | Industrial Design



**Shaunak Datar**BDes - 2<sup>nd</sup> Year | Communication Design



**Manuja Mahesh Kadre**BDes - 2<sup>nd</sup> Year | User Experience Design



**Deven Kale**BDes - 3<sup>rd</sup> Year | Industrial Design



**Tanvi Dev**BDes - 3<sup>rd</sup> Year | Communication Design



**Divya Ray**BDes - 3<sup>rd</sup> Year | User Experience Design



**Bhaswati Banerjee**MDes - 1<sup>st</sup> Year | Industrial Design



**Harsimran Kaur**MDes - 1<sup>st</sup> Year | Communication Design



#### School of Engineering.....



Dr. **Prasheel Suryawanshi** 

Dean - School of Engineering

The School of Engineering was led by Dr. Prasheel Suryawanshi who took on the charge in addition to the seat of the Vice Chancellor. A program in BTech with specialization in Computer Science and Engineering was offered in the 2019-20 session. The school had a small cohort of 31 students with 28 in Computer Science and Engineering, and 3 in Mechanical Engineering. A total of 22 students joined the School of Engineering for the Foundation in the academic year 2019-20. The size of the cohort was intentionally kept small to propagate a new way of learning in engineering education.

The academic courses were delivered by 13 faculty members with diverse specialization and experience. The school maintained a healthy faculty to student ratio at 1:4 and is continuously making efforts to further expand its firepower.

Five visiting faculties were invited to contribute to the courses and bring a different perspective. They were invited to take lectures in the field of Data Analytics, Machine Learning, and Design Project - Mobile Application.

Students were indulged in many co-curricular activities and attended a total number of 31 industry connect sessions and workshops. These were conducted every Friday at the campus, and industry experts from various domains were invited to share their experience and knowledge.

The students presented their work in every semester to a jury comprising of external experts and in-house faculty. A total of 3 external experts were involved in the assessment and feedback. The school was privileged to host eminent engineers like - Sushil Mahajan, Sampada Wagde, and Mahesh Goudar in the jury. The feedback received from the external experts has been encouraging and guiding at the same time.

#### Toppers of the Session....



Nitya Kasturey

BTech - 1st Year | Foundation



Pooja Kanojia

BTech - 2<sup>nd</sup> Year | Computer Science and Engineering



**Mihir Srivastava** 

BTech - 3rd Year | Computer Science and Engineering



**Aditya Upadhyay** 

BTech - 3rd Year | Mechanical Engineering

#### School of Fashion.....



Prabodh
Mishra
Coordinator - School of Fashion

The School of Fashion was led by Prabodh Mishra who took on the charge in addition to the seat of the Assistant Professor. A program in BDes with specialization in Fashion Design was offered in the 2019-20 session and a total of 6 students joined the School of Fashion. The size of the cohort was intentionally kept small to propagate a new way of learning in fashion education.

The academic courses were delivered by 3 faculty members with diverse specialization and experience. The school maintained a healthy faculty to student ratio at 1:2 and is continuously making efforts to further expand its firepower. Two visiting faculties were invited to contribute to the courses and bring a different perspective. They were invited to take lectures focusing on Overview and Sociology of Fashion.

Students were indulged in many co-curricular activities and attended a total number of 31 industry connect sessions and workshops. These were conducted every Friday at the campus, and industry experts from various domains were invited to share their experience and knowledge. The key highlight was partnering for Feronia Fashion Night 2019, where our students presented their designs on the ramp and were a part of the backstage management team.

The students presented their work in every semester to a jury comprising of external experts and in-house faculty. A total of 1 external expert, Rakhi Bhambani, was involved in the assessment and feedback. The feedback received from the external expert has been encouraging and guiding at the same time.

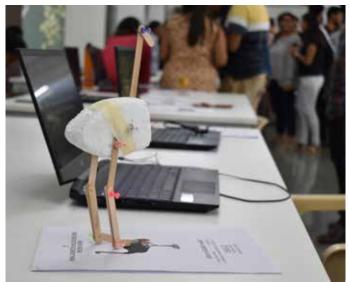
#### Toppers of the Session....



**Nikita Dubey**BDes - 1<sup>st</sup> Year | Fashion Design

#### Student Work



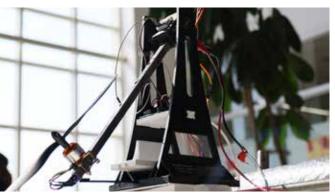
















#### Student Work



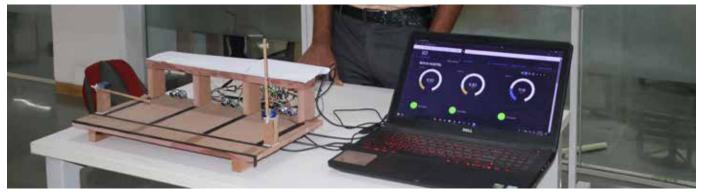














Excellence
is not an objective,
it is the way of life
at Avantika

## Significant Activities

#### **Orientation Program**

The students of the third batch of the university reported on campus on 6<sup>th</sup> July 2019. After a day's break to settle-in the luggage, their Orientation Program began from 8<sup>th</sup> July 2019 and went on till 13<sup>th</sup> July 2019. The 6-days long program aimed at introducing the students to the overall ethos of the university, their mentors, faculties, and admin section heads. A bunch of activities was conducted throughout the week like introductory gatherings, exploratory tours to the Ujjain city, the 100 Rs. Challenge, panel discussions, talent hunt, cultural program, and concluded with the online student verification. The orientation week proved to be an adrenalizing start to the Foundation Year students.







#### **Foundation Day**

The university celebrated its Foundation Day on 11<sup>th</sup> September 2019. The day which marks the start of the first batch of the university back in 2017, and was celebrated with great jubilance. The program started with a tree plantation ceremony and had in store 18 different workshops, cultural program, formal program, the inauguration of the international exhibition of Prof. Kohei Sugiura, and the start of a lecture series on Indian Thoughts and Tradition by Prof. Kirti Trivedi. The program was power-packed with activities happening throughout the day and concluded with a formal program that felicitated the university toppers and officiated the formation of the university's student council, followed by a cultural program.









### Annual Sports Festival - SPARDHA

The university conducted the first edition of the Annual Sports Festival - SPARDHA from 28th February - 1st March 2020. The first morning started with an opening ceremony and a marathon with immense participation by the students, faculty, and staff members. The day followed by open tournaments in other sports with the participation of over 12 teams from across the city. The competition was witnessed with full enthusiasm to give a tough competition to their opponents in Cricket, Football, Chess, Carrom, Table Tennis, Volleyball, and Kabaddi. The three-day fest had served as an excellent platform for enriching team building, sportsmanship, and dedication among students.









#### Annual Design and Tech Festival - CHAKRAVIEW

The university celebrated its first annual Design and Tech fest - CHAKRAVIEW on 8<sup>th</sup> - 9<sup>th</sup> November 2019. The fest celebrates the collaboration and interdependence of Design and Technology, and the theme for 2019 was 'Classical Technology Re-designed in a Modern Way.' The 2-day fest was power-packed with activities that promoted the intermingling of Design and Technology. Many activities like 12-hour Hackathons to Designing Games with Python to Photography, and workshops on Design Modelling, etc. were organized and emanated the spirit of Designeering through all its happenings.







## Masterclass by Internationally Acclaimed Architect

It was a proud moment for the university to host Michael Karassowitsch, a renowned Canadian architect and educator, for an iConnect session on 9th August 2019, to enlighten the students on the cross-linkage of architecture and spirituality. Michael started his session by tapping on the interrelation of Design and Architecture and further discussed how architecture and spirituality can come together in a way that was never even imagined before. He focussed on the amalgamation of all the above practices. The session helped students gain a new learning curve towards their own methods on how to think outside the boundaries.



#### Masterclass by Design **Head of Capgemini**

The university welcomed Monica Deshpande, the Design Director of Capgemini, on campus on 4<sup>th</sup> October 2019 for an iConnect session on UX, IT, and You. Monica is a brilliant forerunner as a User Experience professional and a business practice leader who has handled many projects in her career spanning 20+ years. In her session, she talked about her experience and journey through various designations and roles in the last 20 years and how she is continuously learning even now. She proved to be an inspiration to many of the students who were impressed with her vast portfolio and diverse domain knowledge. The students got first-hand experience of the latest trends in UX and how the design industry functions.

#### Masterclass by Founding Partner of UXReactor

The university was honored to welcome Prasad Kantamneni, Founder of UXReactor, for an insightful session on Artificial Intelligence in Design on 10<sup>th</sup> December 2019. Prasad started the session by exemplifying how artificial intelligence (AI) is changing the way that we interact with technology daily and how most of the time, we don't even realize when it's happening. He further emphasized the world of AI opening up new modes of interaction, and the designers' need to catch up. This lent a fresh perspective to everyone that the best strategy is to embrace the change, heighten the understanding of Al, and adapt to new technologies.





#### Workshop by Eminent Professor from IDC, IIT Bombay

The university welcomed Prof. Uday Athavankar, a renowned professor from IDC, IIT Bombay, to host a session on game design with the students on 13<sup>th</sup> October 2019. The very archetype of a brilliant designer, he helped students look beyond the concept of games that they know today. The students had a miraculous time with him wherein they developed 2 no-cost games right from scratch. It was a day of great learning coupled with some extremely happy faces and revival of childhood memories. The session ended with students realizing what makes a game a game, and how a game is given a virtual form.

## Orientation to Life Design by Founders of Ahhaa

It was pleasure to host Ashwin Srisailam and Diane Bacchus, the Founders of Ahhaa, for an orientation to the Life Design Program on 31<sup>st</sup> January 2020. The spectrum of the program starts from being able to form a strong vision in life, to realizing limiting mental patterns and being able to transform them towards clarity.

Ashwin briefed about how the smallest things in life, be it positive or negative, affect everyone and their mindsets. The stage was also taken over by his co-founder Diane who spoke about how emotional well-being and attachment to the past impact decisions. The session ended with her asking everyone to illuminate the world they like through simple meditation and asked everyone to perceive an image of life on a platter and making it better through designing.





## Partnership with Feronia Fashion Night

The university sponsored Feronia Fashion Night 3.0, organized by the Redo Times in the Grand Bhagwati Palace (Indore) on 1<sup>st</sup> September 2019. Feronia Fashion Night is an initiative to raise awareness on the very sensitive topic of gender equality and LBTQ inclusiveness. It is a first of its kind event that showcases Androgynous Fashion, a form of fashion that focuses on breaking the archaic gender stereotype.

The event featured collections from top fashion designers from India and around the world like Padma Shri Wendell Rodricks, Padma Raj Kesari, Diana Linda, Jeremy Fitzgerald, Corinne Smith. The fashion show also became a platform for our Foundation Year Fashion Design students of the university to present their designs and got exposure to working with renowned fashion designers from across the globe.









#### Partnership with edX

The university announced a global partnership with edX for the Remote Access Program on 1<sup>st</sup> May 2020 to expand its libraries of high-quality learning to all of its students, faculty, and staff. Founded by Harvard and MIT, edX is the trusted platform for education and learning and is home to more than 20 million learners worldwide.

Access to top-quality learning content is more relevant than ever as the markets adapt to new challenges emerging from the COVID-19 crisis. The edX Remote Access Program provides free access to a catalog of courses and programs offered by the world's leading universities and companies, for a limited time. This strategic initiative is intended to ensure the lifelong learning and professional development of students, faculty, and staff in critical and emerging areas.

#### MoU with ShopX

The university partnered with ShopX, a Retail Operating System, on 13<sup>th</sup> January 2020. The collaboration facilitates setting-up the Design Technology Lab which will enable the students and faculty to cocreate unique and impactful products that will be placed in the market for consumption through ShopX's proprietary B2B e-Commerce platform. The lab would aim to cater to the growing needs in the prosustainable and market-driven industry by launching products that add value to the end-customer





#### **Statutory Meetings**

#### **Governing Body**

Three meetings (8<sup>th</sup>, 9<sup>th</sup>, and 10<sup>th</sup>) of the Governing Body dated 28<sup>th</sup> November 2019, 25<sup>th</sup> April 2020 and 9<sup>th</sup> July 2020 were organized in the session 2019-20. All three meetings were presided over by the Chancellor, Dr. Sanjay Govind Dhande. The Vice Chancellor, Dr. Prasheel Suryawanshi, presented the report of the university and the agenda points were discussed and confirmed.

#### **Academic Council**

Two meetings (5<sup>th</sup> and 6<sup>th</sup>) of the Academic Council dated 15<sup>th</sup> November 2019 and 30<sup>th</sup> June 2020 were organized in the session 2019-20. All meetings were presided over by the Vice Chancellor, Dr. Prasheel Suryawanshi, who also presented the report of the university and the agenda points were discussed and confirmed.

### Reap Benefit Fellowship Program

The Reap Benefit Fellowship Program started with an orientation program that was conducted on 15<sup>th</sup> November 2019. Kuldeep Dantewadia (Founder - Reap Benefit) and his team gave orientation to the students about the upcoming activities of the 10-month long program. The first day encompassed a workshop on trigger mapping, where the students worked on the basic principles and designed solutions which would be implemented in real-time in the coming future. The program marked the start of the journey where students start to groom themselves as problem-solvers and work rigorously on their critical-thinking skills.

## Design Technology Lab - ShopX

The university unveiled the latest lab on 24<sup>th</sup> January 2020 in collaboration with ShopX, a Retail Operating System. Sanjay Bhatnagar, the Director of Design at ShopX, would be leading this collaboration with handpicked students who would be constantly

mentored to create unique and impactful products which will be placed in the market for consumption. The lab would aim to cater to the growing needs in the pro-sustainable and market-driven industry by launching products that add value to the end-customer.

### Toastmasters International Club

The university relaunched the Toastmasters International Club on its campus on 21st September 2019. TI is a US-headquartered, non-profit organization and a world leader in communication and leadership development. The organization endeavors to promote communication, public speaking, and leadership skills with more than 16000 clubs functioning across 143 countries worldwide. The club started its function with active student participation and proved to be a platform for the development of communication and leadership skills of the students.

#### 1st Position at Lexus Design **Awards India 2020**

The BDes (Industrial Design) student - Soham Mohanty bagged the 1st place in the 'Conceptual Category – Student' at the Lexus Design Awards India 2020 in January 2020 at Pune, and got shortlisted for the Global Lexus Design Award 2020 from the 885 high quality entries. Soham designed a product by the name of Accufill, a device that can measure and track the actual amount of fuel entering the petrol tank in automobiles. The international design competition will be taking place at the Lexus Design Event at Milan Design Week this year.







## 1st Position at NASSCOM Design4India Awards 2019

The BDes students - Arnav Agrawal, Atharva Dahotre, Rudrik Marathe, and Abhinav Narayan bagged the 1st place in the 'Immersive Design' category at the NASSCOM Design4India Awards 2019 on 23rd August 2019 at Bengaluru. The students designed a fitness-entertainment app known as SPREE using Augmented Reality (AR) as the base. The app included three games - Groove Step (walking and running), Dodge Ball (agility), and Ropewalk (concentration) that aimed at nudging users towards fitness whilst giving them a sense of entertainment.







## 2<sup>nd</sup> Position at YUJ UXplorer Design Awards 2019

The BDes (Industrial Design) students - Soham Mohanty, Shantanu Thorat, and Balgovind Shanbhag, bagged  $2^{nd}$  position at YUJ UXplorer Design Awards 2019 on  $9^{th}$  September 2019 at Pune. Following the theme  $360^{\circ}$  Experience Design, the students identified fuel theft as a major issue in the oil industry and designed a product-based solution for it. The product aimed at bringing transparency between staff at petrol pump stations and consumers to counter manipulation done while refuelling bikes.







#### 3<sup>rd</sup> Position at Indian Film Project Competition 2019

The BDes (Communication Design) student - Manuja Kadre bagged the 3<sup>rd</sup> prize in the 9<sup>th</sup> season of Asia's Largest Content Festival - Indian Film Project Competition. The competition was organized by the Indian Film Project at Mehboob Studio, Mumbai on 12<sup>th</sup> - 13<sup>th</sup> October, 2019. The competition required the participants to redesign a poster of a movie released from 1974 to 1999. Manuja decided to work on the movie 'Fire,' a path breaking film of that time. She designed a poster that resonated with the real idea behind the movie – acceptance





# Participation in Kala **Ghoda Arts Festival 2020**

The BDes students exhibited two intriguing visual artworks, the students of Avantika marked a very strong presence at the Kala Ghoda Arts Festival, Mumbai in Feb 2020. The first artwork was AIKAPADYA - The Unity of Words. The students built an interactive cylinder that expressed various beautiful dialects with multicoloured threads, all coming together and portraying unity in diversity. The second artwork was AASHIYANA - The Hands of Unity. The students built a home with two hands (one of male and the other of female) coming together, that depicted the ups and downs of life. These two artworks transformed the meaning of the seemingly simple objects into impactful visualizations that offered a captivating experience to the visitors as soon as they see, hear, or feel them.







# IPO Published Patent for IoT Product

The faculty, Atul Choudhary from School of Engineering, has been published in January 2020 under the IPR Act (India) by Indian Patent Office (IPO) for designing an IoT based Product for Water Level Monitoring and Quality Detection. The product uses real-time data communication between the sensors and servers using the Internet of Things to monitor the resources and generate an alarm via the mobile app. Additionally, the product can monitor and clean water in the water tanks of multistoried buildings.



# Achievement at E-Summit 2020, IIT Bombay

The BDes (Foundation) student - Jagriti Kale won the Online UX Design Challenge, conducted in partnership with Web2UI at E-Summit 2020, IIT Bombay in February 2020. Jagriti designed Chayan, a web-based product that could solve day-to-day recruitment related issues and aims to highlight the best-suited candidate for the job profile.



# Selection for WDO's **Young Designers Circle**

The BDes (User Experience Design) student - Sahil Jain was selected, on 15th May 2020, by the World Design Organisation (WDO) as one of the 17 young designers from around the world to serve as a core member of their new pilot program, the 'Young Designers Circle' (YDC).

The YDC is a group of creativity and ambition designers under-40, across multiple disciplines from South Africa, USA, Mexico, India, Turkey, France, Hong Kong, Singapore, and South Korea. Over the next 18 months, Sahil, along with the YDC core team, co-designs the roadmap to promote the use of design to help meet the United Nations Sustainable Development Goals (UN SDGs) and contributes to the expansion of the field of design and its impact on the world.





# Industry **Connect**

Avantika is built on application-based education, which provides holistic development of our students. The Industry Relations team is established to provide expert guidance, develop a culture of entrepreneurship, provide professional exposure, and guide students beyond the academic curriculum. The objective is to infuse entrepreneurial spirit among all stakeholders harnessing the power of design and technology to solve some of the challenging global problems with profitable business models.

There are four types of sessions that the team organizes every Friday, which are as follows: -

#### **SparkTalks**

These are formal sessions wherein speakers from diverse industries and backgrounds share their expertise and life journey with the participants. The spark that the speaker leaves behind with the students helps them to broaden their industry perspective. These sessions are structured for the formal learning process.

#### The Bodhi Tree

Young and dynamic entrepreneurs or leaders are invited to informally chat and share their expertise over a casual discussion over some chai or fun activities, including discussions and games. The activity encouraged peer-to-peer learning through inspirational sessions.

#### **Industrial Mind Restoration (IMR)**

IMR is a platform for our learners to step out of the campus and learn by observation in a real business environment. This is facilitated by a visit to manufacturing companies, design houses, or city tours. The sessions are designed for the exploration of business processes, operational styles, and industry practices.

#### **Crusaders for Tomorrow**

'We rise by lifting others.' CFT attempts to build empathy and a sense of giving back to society at large. The students work with artisans, NGOs, social enterprises, and people at the bottom of the pyramid to create an environment of oneness. The students contribute in the form of efforts, teaching skills, and building a social interaction platform.

#### **Industry Connect**

The university organized 31 industry connect activities in the session 2019-20, which included expert sessions, workshops, and industry visits.

These activities were conducted every Friday where the university called-in a diverse range of experts from the industry to share their knowledge and experience with the students.

Sr. Date	te	Topic	Expert(s)
1 08-0	07-2019	Workshop on Positive Pagalpan	Amrut Bhat, Drum Circle Facilitator
2 09-0	07-2019	Workshop on Doodle Woodle	Sumouli Dutta, Regional Visual Merchandiser at Godrej & Boyce Mfg. Co. Ltd.
3 09-0	07-2019	Session on From Kya banaya hai? To Kya banaya hai!!	Sahil Lahari, Independent Artist
4 11-0	07-2019	Workshop on Character Design	Vidhi Bhat, Independent Artist
5 26-0	07-2019	Industry Visit to Shriji Polymers (India) Ltd., Ujjain	-
6 26-0	07-2019	Industry Visit to Vyankatesh Corrugators Pvt. Ltd., Ujjain	-
7 02-0	08-2019	Session on Times of Design	Amber Krishan, VP at PayU India
<u></u>	08-2019		Hitesh Agarwal, Co-Founder at THEM Consulting Dr. Michael Karassowitsch, Architect at New York
0 09-0		Session on Design and Architecture	State and India (COA)
9 09-0	08-2019	Industry Visit to Mahindra 2 Wheelers, Pithampur	-
10 24-0	08-2019	Session on How I explained UX to my Grandmother!	Saptarshi Prakash, Product Design Manager at Swiggy
11 30-0	08-2019	Workshop on 3D Mural art and Paper modeling	Mohit Bhatia, Independent Artist
12 30-0	08-2019	Workshop on Pottery Wheel and Clay modelling	Prakash Patidar, Independent Artist
13 13-0	09-2019	Session on Roll, Camera, Action!	Narayan Shi, Founder, Director, Producer at Purple Pictures
14 20-0	09-2019	Session on Design for Humans	Aditya Lele, Founder at DesignTatwa
15 20-0	09-2019	Appathon - An Idea to an App in 6 hours	Aditya Lele, Founder at DesignTatwa

Sr. Date	Topic	Expert(s)
16 21-09-2019	Industry Visit to Gyrix Techno Lab, Indore	-
17 27-09-2019	Session on Data Engineering	Robin Dmello, General Manager at IoT BU, Reliance
18 04-10-2019	Session on UX, IT and You	Monica Deshpande, Design Head - India at Capgemini
19 13-10-2019	Workshop and Session on Game Design	Prof. Uday Athavankar at IDC, IIT Bombay
20 15-11-2019	Launch - Reap Benefit: Solve Ninja Fellowship	Kuldeep Dantewadia, Co-Founder at Reap Benefit Shashi Shekhar, Director at Reap Benefit
21 05-12-2019	Session on Design & Tech in Electric Vehicle	Narayan Subramaniam, CEO at Ultraviolette Automotive Pvt. Ltd.
22 10-12-2019	Session on Artificial Intelligence in Design	Prasad Kantamneni, Founder at UXReactor
23 25-01-2020	Launch - ShopX Lab at Avantika	Sanjay Bhatnagar, Design Director at ShopX
24 31-01-2020	Session on Life Design	Ashwin Srisailam, Founder at Ahhaa!
25 07-02-2020	Session on How Visual Thinking works?	Sanjay Reddy, Founder at Red Tin Studio
26 07-02-2020	Session on AR/VR and Design	Soumya Ranjan, Founder at Cusmat Technologies
27 08-02-2020	Workshop on Ergonomics & UX Works	Soumya Ranjan, Founder at Cusmat Technologies
28 15-02-2020	Session on Video Marketing & Design	Himanshu Chaturvedi, Founder at Motiongility Komal Kokate, CEO at Motiongility
29 21-02-2020	Session on AI and Design	Vikram Jha, Founder at Pucho.ai
30 21-02-2020	Session on The Way of Creative Design	Chandrakant Channe, Founder at Basoli Group
31 06-03-2020	Session on Indian & International Luxury Industry	Sudeep Chhabra, Founder at Actuate Consultants



# **Student**Affairs

#### **Co-Curricular Activities**

UG Internships

#### **Extra Curricular Activities**

- Hyderabad Design Week 2019
- Visit to Extentia Pune

#### **Events and Celebrations**

- 73<sup>rd</sup> Independence Day
- Ganesh Chaturthi
- Onam
- Gandhi Jayanti
- 71st Republic Day

#### **Sports**

#### Clubs

- Rangnaad Art Club
- Robotics Club
- Coding Club
- Take 2 The Movie Club
- Photography Club

#### **Scholarships**

# Co-Curricular Activities

## **UG** Internships

As one approach of experiential education, credit-bearing internships support the university's mission of providing diverse, dynamic, and meaningful experiences to inspire learners to grow both intellectually and personally, enabling them to contribute positively to local and global communities.

The internships are typically full-time positions where students work 8 - 12 weeks over the semester and have the opportunity to earn academic credit. The internship experiences are a valuable part of

education, allowing students to engage in a professional experience at an organization with supervision and mentorship from both faculty and employers while developing new skills and learning about a field or industry that complements classroom learning. 100%

Students recieved and accepted the offer

1:4

4 Intern opportunities per student

457

Project opportunities

**52** 

Companies hired

# **Industrial Design**

Sr.	Name of Student	Name of Company
1	Himanka Kalita	ShopX
2	Gaurang Agarwal	Pulp Advertising
3	Deven Kale	LightFish
4	Mrunmayi Joshi	Indigo Consulting
5	Swarali Hindlekar	Indigo Consulting
6	Aman Soni	Indigo Consulting
7	Atharva Pardeshi	TouchMagix
8	P Unnyan Kumar	Teqzo
10	Aishwarya Chawla	Connexis Tech
11	Hritik Ramsinghani	Talkd
12	Payal Sharma	Talkd
13	Janhavi Kedar	Seven Eleven Design
14	Shreya Paliwal	GrauBar Design Studio
15	Vishnu Ravi	Rajeev Gandhi Centre for Biotechnology
16	Praduman Joshi	Big Basket
17	Tanvi Kulkarni	Big Basket
18	Soham Mohanty	Big Basket
19	Prateek Jain	Design Flyover
20	Manasi Parulekar	Salt.Pe
21	Balgovind Shanbhag	Salt.Pe
<u></u>	Daiyovinu Sharibhay	oail.Pt

Sr.	Name of Student	Name of Company
22	Rishikesh Pathak	Sarkar & Company
23	Piyush Agarwal	GrauBar Design Studio
24	Krithik Prabhakar	Emote Electric
25	Apoorvaa Balasundaram	Rural Handmade
26	Kshitij Gangurde	Rural Handmade
27	Mayuresh Gade	Rural Handmade
28	Kshitij Kalia	Escorts
29	Rohan Goje	Sattvarise
30	Krati Agrawal	Sattvarise
31	Divya Gupta	Campaign to cash
32	Parth Bhavsar	Mindmap Consulting
33	Yashaskar Narumanchi	Design Pulse
34	Radhika Goyal	Design Pulse
35	Palash Bakre	Odisha Design Council
36	Suneet Palande	Odisha Design Council
37	Gauri Singh	Illumnus
38	R Abhishek	Hvantage
39	Vineet Vishwakarma	Indigo Consulting
40	Vaibhav Sharma	Indigo Consulting
41	Mansi Gupta	Indigo Consulting

## **Communication Design**

Sr.	Name of Student	Name of Company
1	Shrawani Bohra	Rivet Design
2	Puja Shetty	ShopX
3	Prit Gajjar	Pulp Advertising
4	Vidha Tripathi	Pulp Advertising
5	Tanvi Kakirwar	V Green Media
6	Vibhuty Gaggar	Brand Movers
7	Harshvardhan Gaikwad	SYU Design
8	Anoushka Karnik	SYU Design
9	Rushell Rose Raphael	Greyphyte
10	Naman Khajanchi	Ogilvy
11	Avantika Bhalotiya	V Green Media
12	Tanvi Mahambare	Ogilvy
13	Anushka Belsare	Amir Khan Pathan studio
14	Jainam Sanghavi	3 Minds Digital
15	Avantika Kulkarni	Ogilvy
16	Tanvi Dev	Ogilvy
17	Hemant Kokate	The Minimalist
18	Parul Jaggi	The Minimalist
19	Priyesha Patade	The Minimalist
20	Amruta Kekre	The Minimalist
21	Siddhant Joshi	The Minimalist

		•
Sr.	Name of Student	Name of Company
22	Geetanjali Lal	Studio Design Bound
23	Adithyan Shibu	Blackboard
24	Purva Jhunjhunwala	Sage Publication
25	Akash Gupta	UpGrad
26	Som Aprameya	Pathshala
27	Amartya Zade	Illumnus
28	Satyadev Pius	Sage Publications
29	Suyash Jog	Untrodden Labs
30	Rakshita Rastogi	Red Tin Studio
31	Mrunal Deshpande	Procreator
32	Nirmitee Mantri	Indigo Consulting
33	Nitya Vijaywargiya	Indigo Consulting
34	Aishwarya Tadwalkar	Indigo Consulting
35	Tanvi Bhujadi	Edapt
	***************************************	•

# **User Experience Design**

Sr.	Name of Student	Name of Company
1	Hetvi Shah	Indigo Consulting
2	Sanika Patwardhan	Connexis Tech
3	Tanvi Joshi	The Minimalist
4	Tanishq Dalvi	The Minimalist
5	Divya Ray	CaratLane
6	Chinmay Garg	Pushpendra Singh Co.
7	Avi Choukhany	UpGrad
8	Dipanshu Singhall	UpGrad
9	Sahil Jain	Jio
10	Harshit Kharir	Indigo Consulting

# **Computer Science Engineering**

Sr.	Name of Student	Name of Company
1	Madhur Chhajed	Peacock Solar
2	Kuldeep Pal	Peacock Solar
3	Manas Vivek Choubal	Hvantage
4	Samit Mukherjee	Hvantage
5	Shivam Singh	Hvantage
6	Yash Baranwal	Sobus
7	Nikhil Jagtap	Sobus
8	Manas shukla	Danalitics
9	Manasi Bandal	Danalitics
10	Mayank Soni	Danalitics
11	Hatim Nomani	WittyPen
12	Shivam Singh Rathore	Ooloi Labs
13	Mihir Srivastava	Slang Labs
14	Karan Rathore	Talspo
15	Pranjal Jain	Emote Electric
16	Thomas Vadakkan Abimalekh	Emote Electric
17	Ishan Srivastava	SuperBolter
18	Vedant Khatri	CampaignToCash
19	Fakhruddin Ezzey	Mindmap Consulting

# **Mechanical Engineering**

Sr.	Name of Student	Name of Company
1	Aditya Upadhyay	Things Go Social
2	Ayush Bhokare	Things Go Social
3	Vipin Yadav	Rico Industries

## **Companies who hired our students for Internships**





























































































# Extra-Curricular Activities

#### Hyderabad Design Week 2019

The university marked its presence at the Hyderabad Design Week organized from 9<sup>th</sup> - 14<sup>th</sup> October 2019 in Hyderabad, Telangana. The six students - Aditya Gawade, Aditya Oswal, Krithik Prabhakar, Aman Asthana, Omkar Jagtap, and Aditya Salunkhe, created an installation for the prime venue of the Hyderabad Design Week i.e., Hyderabad International Convention Center. The other two students - Sahil Jain and Vaibhav Sharma, took part and exhibited their work in front of the who's who of the design fraternity. It was a platform filled with networking and scaling opportunities wherein the students and faculty took a dip into the industry 4.0 concepts and gained insights about the upcoming global trends in design and technology.

#### Visit to Extentia Pune

The BDes students visited Extentia (Pune) in December 2019 and interacted with the Extentia's team. Sarang Ganoo (Experience Lead) and Abhilash Dandade (Senior User Researcher) spoke about their inspiring design journey, and following this, Manali Mitra (Director - Experience and Design) conducted the 'SAP Leporello Design Thinking' workshop which was extremely insightful and thought-provoking. The students received an excellent learning exposure and experience - right from using the material to build prototypes, working on various formats to collect user data and interactive elements.





# Events and Celebrations

#### 73<sup>rd</sup> Independence Day

The university celebrated the 73<sup>rd</sup> Independence Day with great patriotism and fiesta. We were honored to have Lt. Gen. Madhav G. Datar, a retired Army Veteran who served the nation with 41 years of service and is known for his contribution in the 1965 and 1971 Indo Pak War, and the 1999 Kargil War as the Chief of Communications and Electronic Warfare. The celebration kicked off with the guest of honor Lt. Gen. Madhav G. Datar, Dr. Prasheel Suryawanshi, and Dr. Manesh Patil hoisting the National Flag with great exuberance and pride. The hoisting ceremony was followed by back-to-back student dance and singing performances to remember and celebrate the years-long national struggle for independence and the sacrifice of our patriotic heroes.



#### **Ganesh Chaturthi**

2<sup>nd</sup> September marked the start of the 5-day long joyous festivities with Ganesha Aagman and Sthapana on the campus. The students led the festivities to sculpt the idol of Lord Ganesha and prepared a Japanese themed set. The 5-day long program started with a traditional tinch hosting a fashion show and encompassed exciting activities throughout. The students organized and indulged in competitions like Minute to Win It, Rangoli Making, Poster Making, Debate, Dance and Music, etc. The festivities and enthuse took a beautiful ending with the Ganesh Visarjan followed by a savory dinner. The student-led campus celebration lifted the whole mood of the campus and ended with a week full of celebrations and creativity.



#### **Onam**

The festival of Onam was celebrated at the campus on 21st September 2019 with great festivity and jubilation. The students started the celebration by performing the traditional dance form of Kerala 'Thiruvathirakali' which was followed by some exciting activities like the Musical Chair Competition between the students and the university employees. The grandeur of the event was such that it called-in chefs from Kerala to prepare the master meals and everyone savored the famous Kerala Sandhya for lunch. Post the lunch, a Tug of War competition was organized which was followed by a very surprising and happening flash mob dance on songs of diverse cultures. The festival of Onam created an all-together a different atmosphere in the campus with unity and merry-making throughout the day.



#### Gandhi Jayanti

The 150<sup>th</sup> birth anniversary of Mahatma Gandhi was celebrated on 2<sup>nd</sup> October 2019. All the members of the Avantika family gathered together to pay tribute to his contribution and sacrifice in the Indian National Struggle. Commemorating Mahatma Gandhi's life, the university organized a literature reading activity wherein everyone read about his experiences, and earned jewels of wisdom and lifelong learnings.



## 71st Republic Day

The 71st Republic Day was celebrated with great jubilation and enthusiasm. Students, Faculty, and Staff members came together to hoist the National Flag and pay tribute to the sacrifice and hardship of the country's forefathers in the independence struggle and celebrate the day of adoption of India's Constitution. The veteran artist Shri Bhalu Mondhe, was invited as the Chief Guest to motivate the students with his pearls of wisdom. The students performed melodiously on patriotic songs, and staff members paid tribute by personifying unsung freedom fighters like Maharana Pratap, Maharani Laxmibai, Tanaji Malusare, Devi Ahilyabai Holkar, etc., and remembering them on this day.





# Sports .....

The following sports activities were conducted in the year 2019-20 in addition to the regular student sports engagements. The university currently has in-house facilities for sports like Football, Volleyball, Cricket, Cycling, Table Tennis, Carrom, Chess, etc. The following are the events which were additionally organized by the university to indulge and motivate the students.

Sr.	Date	Event	Remarks
1.	21 Jun 2020	International Yoga Day	Open to all Students, Faculty, and Staff
2.	1 Mar 2020	SPARDHA - Day 3	Live Competitions, Closing Ceremony
3.	29 Feb 2020	SPARDHA - Day 2	Live Competitions
4.	28 Feb 2020	SPARDHA - Day 1	Opening Ceremony, Marathon, Live Competitions
5.	15 Jan 2020	Patang Mahostav	Open to all Students, Faculty, and Staff
6.	16 Nov 2019	Cricket Match	Open to all Students, Faculty, and Staff





## Annual Sports Festival - SPARDHA 2020

The university conducted the first edition of the Annual Sports Festival - SPARDHA from 28th February - 1st March 2020. The first morning started with an opening ceremony and a marathon with immense participation by the students, faculty, and staff members. The day followed by open tournaments in other sports with the participation of over 12 teams from across the city.

The competition was witnessed with full enthusiasm to give a tough competition to their opponents in Cricket, Football, Chess, Carrom, Table Tennis, Volleyball, and Kabaddi. The three-day fest had served as an excellent platform for enriching team building, sportsmanship, and dedication among students.







## Rangnaad Art Club

The Rangnaad Art Club is a student-led club which aims to cultivate cultural awareness in the learners through conducting recreation and rejuvenation activities like Painting, Drawing, Sketching, Folk Art, Printmaking, Indian Classical Music, Western Music, Folk Music, Fusion, Dance Sculpture, Clay Modelling, and Wood Carving, etc. The club activities were coordinated by the faculty member Dr. Hemant Kaushik who organized activities like clay modeling and mural decoration workshops, live sketching workshop, folk art workshop, gesture drawing workshop, calligraphy workshop and mural



installation workshop on designing five senses, etc. The activities were aimed at developing the creative instinct and sense of the students by engaging their right side of the brain. The activities introduced them to the various Indian art forms and hands-on application of arts like clay modeling, set-designing, mural decoration, live sketching, gesture drawing, and calligraphy. As designers, a look and practice of these forms of arts enhanced their knowledge, skills and created awareness about India's rich cultural and art heritage.

#### **Robotics Club**

The Robotics Club is a research initiative that provides students with the resources to develop Robots. The objective of the club is to promote the spirit of engineering and design, thereby inculcating skills of both the domains through an inter-disciplinary approach. The club offers indispensable guidance, workshops, and tutorials along with tools, equipment, components, and workspace for such activities. The club caters an engaging platform whereby the student can experiment on a technical, applied and design level and see how systems interact, both with each other and with the environment, and get a chance to use the knowledge gained as part of academics in real-world

scenarios. The faculty member Rushikesh Pawar coordinated the club activities. There were a total of 8 student members who indulged in activities like Robotics and Automation awareness programs, short term training on LEGO-Mindstorms, and Arduino Prototyping. The club is currently engaged in the design and implementation of aerial mobility platform for scientific research. The club activities created a keen interest of the students towards research and gave them a platform for hands-on application of robotics principles. The students learned the various research processes and functions. explored design and technical principles, and increased experimental findings. The activities of the club created an inclination towards science and technology and developed the programming, problemsolving, and logical thinking skills of the students.



#### **Coding Club**

The mission of the Coding Club is to foster a diverse learning community to attain fluency in statistics and programming. The coding club gives a platform to technical enthusiasts to learn and grow their programming skills and practice hands-on with experienced faculties and industry experts.

The students are introduced to various coding languages through which they get hands-on expertise in creating algorithms and making programs. The club activities were coordinated by the faculty members Reshma Chavan and Rushikesh Pawar.

There were a total of 15 student members who explored areas like Data structure, algorithms, C, JAVA, and other related development topics in the club. The Coding Club is credited for boosting the logical thinking and problem-solving skills of the students.

The club has introduced a wide variety of coding languages that students are mostly not exposed to in the 2<sup>nd</sup> year of their degree program. The activities of the club have supplemented greatly in academics and groomed students to work on live projects.

#### Take 2 - The Movie Club

Films are the reflection of our society and play a vital role in creating sensitivity towards the world outside. The Take 2 Club aims to create a platform for learning through stories and characters and to push a wave of refreshing perspectives and broaden the vision of the learners. The club nudges to improve upon the comprehension and observation power of the student and further develop a sense of reflection through understanding the psychology and intent behind a diverse range of stories. The faculty member Rupesh Gajbhiye coordinated the club activities. There were a total of 12 student members who organized and coordinated all activities of the club to premier 4 movies every month which included 2 documentaries, 1 regional film, and 1 Bollywood movie. The Take 2 club is functioned by a committee of 12 student members who manage all the club's activities. This has given them a platform to research and select movies that can introduce students to different perspectives and understand the power of communication. The club features films that cater to a platform for learning and looking at life from different lenses by introducing a diverse range of stories.

## **Photography Club**

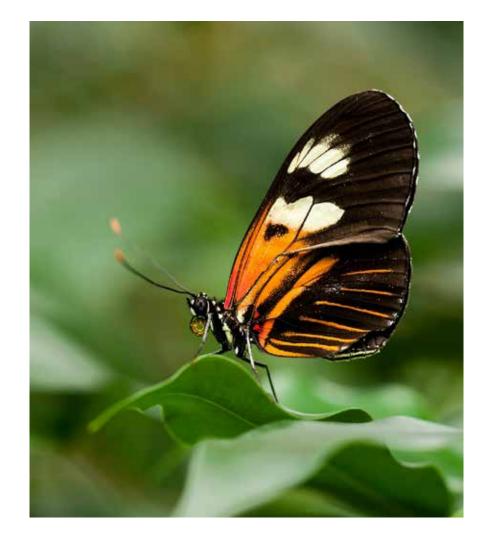
Avantika Photography Club is a community of passionate individuals sharing the love for photography. The club is a knowledge-sharing platform that promotes collaboration and self-exploration. The club aims to accelerate the latent photography skills of the student and be a platform for those who carry an inclination towards learning the art and its technicalities. The club also plays a vital role in capturing the activities at the campus and creating endless memories. The faculty member Rupesh Gajbhiye coordinated the club activities. There were



a total of 96 student members who indulged in events on various topics like Point of View, Photography Walk, Portrait, Selfies, Bird Watching, etc.

The activities of the club have created a sensitivity in the students towards design using photography as composition. The various activities and explorations have not only created an inclination towards nature but also developed hands-on expertise in how to handle a professional camera and use its multiple functions.





# **Scholarships**

The university offers scholarships, tuition fee waiver schemes, teaching, and research assistance to meritorious, needy, and deserving students. This is an effort to make education affordable and reachable for all and encourage academic excellence. The following are the various types of scholarships available for application.

## **Ved Vyas Scholarship**

Applicable to students securing top three positions in 12<sup>th</sup> Board Exams (CBSE/ISC/State Boards) and JEE (Mains) rankers.

## Vikram Scholarship

A merit-cum-means scholarship is applicable to deserving students, with the quantum of scholarship to be determined based on the annual income of parents.

## **Arjun Scholarship**

A sports scholarship is applicable to students who have participated and won medal/s at a national and international level in sports recognized by the Indian Olympic Council (IOC).

## Ashoka Scholarship

Performance-based scholarship for students who have demonstrated extraordinary ability and potential during the academic year.

#### Sudama Scholarship

A need-based, earn-and-learn scheme is applicable to students who are desirous of contributing to the university and wish to earn to support their education.

## **Aryabhata Scholarship**

A research assistantship scheme is applicable to students who have demonstrated excellent academic performance and are desirous of contributing to the university.

## Chanakya Scholarship

A teaching assistantship scheme is applicable to students who have demonstrated excellent academic performance and are desirous of contributing to the university.

#### MP Government Scholarship

The scholarship is administered to the students belonging to the SC/ST/OBC category by the Government of Madhya Pradesh based on the annual income of the family.

# **Recipients of Scholarships**

	Tuition Fee Waiver			
	Uttara Kulkarni	SY BDes (User Experience Design)		
2	Prantik Saha	SY BTech (Computer Science and Engg.)		
3	Mansi Patel	SY BTech (Computer Science and Engg.)		
4	Jayant Choudhary	SY BTech (Computer Science and Engg.)		
5	Utkarsh Agrawal	SY BTech (Computer Science and Engg.)		
6	Varunee Acharya	SY BTech (Computer Science and Engg.)		
	Aditya Oswal	SY BTech (Computer Science and Engg.)		
8	Pooja Kanojia	SY BTech (Computer Science and Engg.)		
9	Aditya Sharma	SY BTech (Computer Science and Engg.)		
10	Abhinav Singh	SY BTech (Computer Science and Engg.)		
	Su	ıdama		
	Sakshi Agrawal	FY BDes (Foundation)		
12	Lav Patil	FY BDes (Foundation)		
13	Drashti Gala	FY BDes (Foundation)		
14	Eshika Dhanaki	FY BDes (Foundation)		
15	Saket Lonkar	FY BDes (Foundation)		
16	Neel Dabri	FY BDes (Foundation)		

	Jigyasa Dixit	FY BTech (Foundation)
18	Yogeshwara Prabhu Kollipara	FY BTech (Foundation)
19	Ganesh Borkute	FY MDes (Industrial Design)
20	Shubhankit Jain	FY MDes (Industrial Design)
21	Jill Chheda	SY BDes (User Experience Design)
22	Chirag Jagetiya	SY BDes (User Experience Design)
23	Deven Kale	TY BDes (Industrial Design)
24	Shivam Singh Rathore	TY BTech (Computer Science and Engg.)
	Cha	anakya
25	Mansi Gupta	TY BDes (Industrial Design)
26	Prit Gajjar	TY BDes (Communication Design)
27	Amartya Zade	TY BDes (Communication Design)
	Ary	abhata
28	Shreya Paliwal	TY BDes (Industrial Design)
29	Divya Gupta	TY BDes (Industrial Design)
30	Himanka Kalita	TY BDes (Industrial Design)
31	Mayuresh Gade	TY BDes (Industrial Design)
32	Anoushka Karnik	TY BDes (Communication Design)
33	Sanika Patwardhan	TY BDes (User Experience Design)
34	Sahil Jain	TY BDes (User Experience Design)
35	Mihir Srivastava	TY BTech (Computer Science and Engg.)
36	Hatim Nomani	TY BTech (Computer Science and Engg.)
37	Pranjal Jain	TY BTech (Computer Science and Engg.)



# Beyond Academics

#### Reap Benefit Fellowship Program

Reap Benefit is a Bangalore based start-up which strives to build the next generation of problem solvers, by involving youth in developing skills, local data and solutions to solve local environment and civic problems concerning waste, water, energy, and sanitation through low-cost solutions, which are user-friendly and require low maintenance.

The Reap Benefit Fellowship Program aims at empowering the students with problem-solving skills that can tackle local civic and environmental problems using Local Data, Campaigns, and Solutions. The program gives students a chance to interact with the community directly to solve their problems through methods such as behavioral nudges, and recreating solutions, technologies, and products that follow design methods and practices. The fellowship program offered students the ability to interact with society on a ground level and work towards people-centred solutions. The student coordinators of the fellowship program were Aarya Vaidya, Mayuresh Gade who coordinated all activities of the club. There were a total of 47 students who participated in the program and worked on projects like converting urine to manure, creating low-cost waterless urinals, solutions to stop water wastage, etc.

The impact of the fellowship program was immense. The students

learned and experienced problem-solving through extensive brainstorming, discussions, research using different design hacks, behavior nudges, etc. and then built on that structure. Students developed a "problem-solving mindset" during this program and created prototypes to validate their thinking process. There were a number of solutions created like converting urine to manure, creating low-cost waterless urinals, solutions to stop water wastage etc.

#### **ABLED Lab**

ABLED is a unique Design-Technology lab that started in collaboration with Dominix Strategic Design, Pune. The lab aims at creating solutions for individuals with special abilities for disabled individuals in urban and rural India. The members of the lab conduct research, and develop innovative, customized solutions under experienced faculty members and mentors from Dominix Design. Such solutions aim at assisting disabled individuals in their daily lives. This multidisciplinary lab of technology and design experts, and students works with stakeholders including businesses, governments, NGOs or social enterprises and start-ups to introduce such innovations. There were a total of 20 students who participated in the program and worked on a project to design and develop 'Pithika - Seat for Specially Abled.'

The students made a seat for Cerebral Palsied children. The lab was started with the purpose to cater to design and technological solutions for specially-abled citizens. It was a learned experience for the students because they began their work from ground zero, i.e., identifying the problem. Post which they followed the various design processes and principles to deliver a seat that reduced the suffering of children with cerebral palsy.

#### **Toastmasters Club**

Toastmasters International is a U.S. headquartered non-profit educational organization with its presence across 143 countries that teaches public speaking and leadership skills through a worldwide network of clubs. The Avantika Toastmasters club was initiated to cater a platform to the students to excel at communication, public speaking, and leadership skills. The club is a community of self-learners that organize weekly meetings to conduct the various club practice sessions and proceedings. The club also caters a platform for participation in inter-club and regional competitions. The student coordinators of the club were Himanka Kalita, Mayuresh Gade, Siddhant Joshi, Rutal Deshmukh, Nirmiti Mantri, Piyush Agarwal, Pooja Kanojiya who coordinated all activities of the club. There were a total of 47 students who participated in the various activities of the

club like the 28 weekly meetings and club level International Speech and Table Topics Contest.

The members of this club were all of the different kinds. One was the students who needed to improve their public speaking skills. Second, the ones who were already good, but wanted to improve further. Third, the ones who wanted to improve their leadership skills. Every member of the Avantika Toastmasters Club has improved in their public speaking and communication skills. While speaking, the students now use a lesser number of fillers and use grammatically correct sentences.

# **Faculty**

# Regular Faculty .....



Kirti Trivedi **Professor Emeritus** Communication Design



**Chiranjib Narzary** Product Design



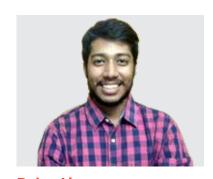
**Sukanta Kundu** Professor and Dean School of Design



**Krishnakant Pal** Product Design



**Raghav Pandya** Industrial Design



**Rajat Akre** Industrial Design



**Kapil Sharma** Industrial Design



**Dheeraj Chugh** Product Design

# Regular Faculty .....



**Anand Upadhayay**Space Design



**Jyotirmoy Pathak**Space Design



**Rupesh Gajbhiye**Communication Design



**Hemant Kaushik**Communication Design



Madan Mune Graphic Design



**Kaustubh Kirtane**Communication Design



**Ambrish Polekar**Communication Design



**Pooja Malviya**Graphic Design



**Shubham Saurabh**Graphic Design



**Siddharth Majumdar**User Experience Design



**Asmita Biswas**User Experience Design



**Sanyukta Karve**Music



**Pallavi Nath**Fine Arts



**Rohit Lalwani**Entrepreneurship



**Ravikumar Jadhav**Cyber Physical Systems



**C. Muthupandian**Algorithm Design

# Regular Faculty .....



**Atul Choudhary**Data Science



**Kaliprasad Mahapatro**Cyber Physical Systems



**Varun Tiwari**Engineering Design



**Reshma Chavan**Software Engineering



**Rushikesh Pawar** Al, ML, Robotics



**Manesh Patil**Energy



N. Sivaramakrishnan
Network and Security



Vaibhav Garg Management

**Prabodh Mishra**Fashion Communication



**Amar Mithapalli**Fashion Design



**Rupal Joshi**Fashion Design

## Visiting Faculty.....



**Debkumar Chakrabarti**IIT Guwahati



**Narayan Shi**Design Consultant



**Amber Krishan**PayU, India



**Yashna Jhamb** Amdocs India



Sharmistha Banerjee
IIT Guwahati



**Hitesh Agrawal**Human Factors International



**Anindya Mukhopadhyay**Infinative Design



**Amirkhan Pathan**Amirkhan Pathan Studio



**Diana Linda** Fashion Designer



**Dipankar Dhara** Professional Photographer



**Anand Kolharkar** Opine Group



**Chinmay Joshi** Opine Group



**Jeremy Fritzhand** Studio Bagru



**Lakhan Silodia** Independent Basketry Artist



**Kedar Puranik** Opine Group

## Guest Speakers



**Dr. Michael Karassowitsch**Architect New York State and India



**Aditya Lele**Design Tatwa



**Prasad Kantamneni**UXRector



**Monika Deshpande**Capgemini



**Prof. Uday Athvankar**IIT Bombay



Narayan Subramaniam
Ultraviolette Automative
Pvt. Ltd.

## Research **Projects**

## **Agri Drone**

The research project on Agri Drone is in the field of agricultural analytics. The project aims to study the various problems faced by the agricultural industry, mainly farmers, and deliver a solution to ease such problems and improve efficiency and output. The research aims at designing and manufacturing drones to help farmers better understand their potential harvest. The process of crop cultivation is followed by the process of harvesting, which is repetitive, timeconsuming, and detail-oriented. The research is implemented to address this thrust are. The research team is working at designing an Autonomous Arial Vehicle (Drone) which can be used for developing a solution for autonomously picking produce. The members of the research team include the faculty member Rushikesh Pawar and student Thomas Vadakkan from third year BTech.

The research project has successfully progressed to achieve manoeuvre stability on the height of 80-100 Ft, mapped return to Home (RTH) coordinate position, and prototyped stabilized for X configuration. The team is currently engaged in research on flying

pattern design and have plans to study its crosswind correction and implementation, make design modifications according to climateresponsive architecture, develop the ability to pass obstacles, installation of onboard camera and imagery systems, course corrections and, path and trajectory planning.

# CAD Tools for Beyond-CMOS Logic

The research on Computer-Aided Design Tools for Beyond-CMOS Logic is in the area of computational electronics. The research is slated to be executed in three phases. In the first phase, table models will be calibrated employing the DC and AC transfer characteristics obtained from established compact models. In the second phase, the parametric table models will be assessed for their ability to describe silicon/organic transistors. The final phase of the research shall explore the possibility to design a robust beyond-CMOS logic based on multiple-gate transistors.

The members of the research team include the faculty member Dr. Muthupandian Cheralathan and students from the third year BTech, namely Mihir Srivastava and Hatim Nomani. The research project has reached the final stage of the first phase and has completed generation of Transfer Characteristics and Output Characteristics of NMOS Models, and created 2D Table Models using the in-built NMOS Models by performing interpolation on the current

values of the MOSFET, 3D Table Models using the in-built NMOS Models by changing the source voltage values gradually, a large table model by performing large interpolation to create a model that will be used to simulate Beyond-CMOS Technology, and simulated different MOSFET models using a unified current model equation.

The team is currently in the final stage of the first phase and further plans to establish a workflow for the deployment of table models in the second phase of the research.

## Staff



**Manesh Patil** Registrar



Rashi Singh Human Resources



**Varun Tiwari** Workshop



Rashi Jain Finance and Accounts



**Ameet Kumar Sharma** Admissions



**Mukesh Bhargava** Library



**Vishal Choudhary** Student Office



**Chandrashekhar Lohote** General Administration



N. Sivaramakrishnan ICT



**Anand Sharma** Exam Office



Swathi Medi VC Office



**Rohit Lalwani** Industry Relations



**Amarnath Solanki** Stores



**Chandrashekhar Lohote**Boys Hostel



**Neeraj Bhati** Health Center



**Jai Jain** Transport



**Meera Pandey**Girls Hostel



Rahul Yadav Infrastructure



**Prakash Dhumal**Estate



**Kunal Solanki** Sports



**Sujeet Sonalkar**Maintenance

# Employee Development Activities

## Communication in the 21st Century Workplace

The university welcomed Monica Anand, from The Achievers Academy, Indore for an interactive workshop on Communication Development on 23<sup>rd</sup> November 2019. Monica started the session heightening the employees' awareness of workplace communication, both verbal and nonverbal, and how it is at the foundation of everything we do and say in the 21<sup>st</sup> century workplace. The employees further were prompted to participate in various guided activities and discussions that enhanced their interpersonal skills, and became more competent communicators overall.

## Adapting in the Age of Artificial Intelligence

The university welcomed Prasad Kantamneni, Founder of UXReactor, for an insightful session on Artificial Intelligence in Design on 10<sup>th</sup> December 2019. Prasad started the session by exemplifying how artificial intelligence (AI) is changing the way that we interact with technology daily and how most of the time, we don't even realize

when it's happening. He further emphasized the world of Al opening up new modes of interaction, and the designers' need to catch up. This lent a fresh perspective to everyone that the best strategy is to embrace the change, heighten the understanding of Al, and adapt to new technologies.

### Mentoring in the 21st Century

The university welcomed Archita Sobti, from our emotional wellness partner YourDost, for a highly interactive workshop on Mentoring on 2<sup>nd</sup> January 2020. Archita started the session on how to effectively share the expertise, values, skills, and perspectives for cultivating the mentee-driven and sustainable mentoring relationships. The employees further delved into different types of communication, practiced through guided activities to gain a better sense of understanding, and also how the communication strategies can be utilized with the mentees.



### Life Design - Finding the Right Path

The university welcomed Ashwin Srisailam and Diane Bacchus, the Founders of Ahhaa, for an orientation to the Life Design Program on 31<sup>st</sup> January 2020. The spectrum of the program starts from being able to form a strong vision in life, to realizing limiting mental patterns and being able to transform them towards clarity.

Ashwin briefed about how the smallest things in life, be it positive or negative, affect everyone and their mindsets. The stage was also taken over by his co-founder Diane who spoke about how emotional well-being and attachment to the past impact decisions. The session ended with her asking everyone to illuminate the world they like through simple meditation and asked everyone to perceive an image of life on a platter and making it better through designing.

## Enabling an Equal World for Women at Workplace

The university welcomed a team of renowned makeup artists, from VLCC, for celebrating the International Women's Day on 8<sup>th</sup> March 2020 to appreciate the women's achievements, the charm, the struggle, the roles, and the happiness behind the urge of doing something beyond the regular tasks. The day was fun-filled with live music, a festive lunch, and a personal grooming workshop. The team of renowned makeup artists discussed how to be well-groomed and presentable to create an impactful impression. After the refreshing makeovers, the female employees enjoyed the flurry of excitement through live music, dance, and created a great bonding amongst them.

### Global Universities



#### **Aalto University Design Factory**

The collaboration will enable the establishment of the Design Factory at Avantika University in Ujjain and will mark the network's first center in India, and thereby South Asia. The lab will be a state-of-the-art facility which will work on industry and research projects on a global scale for fostering radical innovations.



#### **Technion, Israel Institute** of Technology

The collaboration will enable student exchange and faculty exchange programs, and collaborative research.



#### **Ben-Gurion University of** the Negev

The collaboration will enable student and faculty exchange programs and co-operative research initiatives.



#### **Tel Aviv University**

The collaboration will enable student and faculty exchange programs and co-operative research initiatives.

### Global Universities......



#### Universidade de Brasilia

The collaboration will enable joint research ventures in the field of computational electronics.



## **BRNO University of Technology**

The collaboration facilitates creating joint educational programs, exchange educational experience, joint research projects and research programs, and student and faculty exchanges.



## Institute of Scientific Instruments of the Czech Academy of Sciences

The collaboration facilitates the establishment of laboratory facilities for design and engineering programs, joint research projects and programs, and will facilitate student and faculty exchange.



#### The Hebrew University of Jerusalem

The collaboration will enable student and faculty exchange programs, joint research ventures, joint conferences, and exchange of research material.



#### **ShopX**

The collaboration facilitates setting-up the Design Technology Lab which will enable the students and faculty to co-create unique and impactful products that will be placed in the market for consumption through ShopX's proprietary B2B e-Commerce platform. The lab would aim to cater to the growing needs in the pro-sustainable and marketdriven industry by launching products that add value to the end-customer.



#### **Elephant Design**

The collaboration facilitates setting-up one of its kind, 'Platinum Lab,' a designtechnology lab that will create solutions for senior citizens in Urban and Rural India. This lab will conduct research, and develop creative technological solutions that will assist the ageing economy of India. This multidisciplinary lab of technology and design experts, and students will work with stakeholders including businesses, governments, NGOs, or social enterprises and start-ups to introduce such innovations.



#### **Dominix Strategic Design**

The collaboration facilitates setting-up a unique Design-Technology lab. This lab will create solutions for individuals with special abilities - for disabled individuals in urban and/ or rural India. This lab will conduct research. and develop innovative, customized solutions that will assist disabled individuals in their daily lives. This multidisciplinary lab of technology and design experts and students will work with stakeholders including businesses, governments, NGOs, or social enterprises and start-ups to introduce such innovations.



#### **SAP University Alliances**

The collaboration facilitates to make available global academic education material developed in collaboration with faculty, students, SAP partners, and customers around the world for its students.

### Associations......



#### CII

The Confederation of Indian Industry (CII) is a non-government, not-for-profit, industry-led, and industry-managed premier business association founded in 1895. CII works to create and sustain an environment conducive to the development of India, partnering industry, Government, and civil society, through advisory and consultative processes.



## Palo Alto Cybersecurity Academy

The Palo Alto Networks
Cybersecurity Academy is
an initiative of the Palo Alto
Networks into the academic
domain aiming to offer
a comprehensive set of
modularized academic and
technical courses that match
the cybersecurity education
and training needs of postsecondary educational
institutions.

#### WORLD

#### DESIGN ORGANIZATION

#### World Design Organization

The World Design
Organization, formerly the
International Council of
Societies of Industrial Design,
is an international nongovernmental organization
founded in 1957 to promote
the profession of Industrial
Design. The WDO strives to
create a world where design
enhances our economic,
social, cultural, and
environmental quality of life.



#### **IxDA**

The Interaction Design
Association (IxDA) is
a member-supported
organization incorporated
as the first community
for interaction design
enthusiasts. Since its launch
in 2003, IxDA has grown into
a global network focusing
on interaction design issues
for the practitioner, aiming to
improve the human condition
by advancing the discipline
of interaction design.



#### **IITB Remote Center**

IITB RC is an initiative of Indian Institute of Technology, Bombay in association with HRD ministry which aims at encouraging various engineering colleges, affiliated universities. and private universities to undergo Faculty **Development Programs** (FDPs) and workshops which are conducted by subject matter experts from IIT Bombay under National Mission on Education through ICT.





#### **YourDOST**

YourDOST is an online emotional wellness platform that leverages technology to provide convenient, anonymous and confidential 24x7 expert support in the field of life coaching, grief counselling, confidence building, personality development, career coaching, deaddiction support, relationship counselling, time management, social anxiety, and in many more such areas.



#### Toastmasters International

Toastmasters International (TI) is a US headquartered, non-profit educational organization founded in 1924 that operates clubs worldwide for promoting communication, public speaking, and leadership skills.



#### **CII YUVA**

The Yi YUVA platform of CII is one of the most active focus areas by which Yi members engage students from across the country in various initiatives that the students conceptualize, plan, and execute. The objective is to create a bridge, a platform for the students to work in cross-functional teams with a broad objective of enhancing their leadership skills and giving back to the nation.



#### **Reap Benefit**

Reap Benefit is a Bangalore based start-up which strives to build the next generation of problem solvers, by involving youth in developing skills, local data and solutions to solve local environment and civic problems concerning waste, water, energy and sanitation through low-cost solutions, which are user-friendly and require low maintenance.



#### **NRDC**

National Research
Development Corporation
(NRDC) started with the
vision to be the leading
technology transfer
organization in India.
Established in 1953 by the
Government of India, with the
primary objective to promote,
develop, nurture, and
commercialize innovative,
reliable, and competitive
technologies from R&D
institutes through value
addition and partnership.



#### NAD

National Academic Depository (NAD) is born out of an initiative of the University Grants Commission to provide an online storehouse of all academic awards. NAD is a 24X7 online storehouse of all academic awards viz. certificates, diplomas, degrees, mark-sheets, etc. duly digitized and lodged by academic institutions/ boards/eligibility assessment bodies.



#### edX

edX is the trusted platform for education and learning. Founded by Harvard and MIT, edX is home to more than 20 million learners. the majority of top-ranked universities in the world, and industry-leading companies. As a global non-profit, edX is transforming traditional education, removing the barriers of cost, location, and access.



#### Ahhaa

Ahhaa is a Virtual Reality based Platform that partners with leaders and influencers to bring natural and simple principles, processes, and practices to guide the mind, body, and soul for growth, success, and fulfilment. Based in New York, USA, Ahhaa promotes people-topeople interaction inspiration engine where individual people share stories, ideas, and solutions to bring the best of humanity together through technology.

Strive not to be a success, but rather to be of value

Albert Einstein

## **Outreach** Activities

## **Empowering Women at the Grassroots**

The university, under its social initiative, welcomed the Inner Wheel Club of Indore Uptown, on 8<sup>th</sup> March 2020 for delivering the women empowerment sessions tailored for about 50 plus locally rooted women.

The first informative session was by Dr. Aplana Awasthi, a Psychologist, where she covered the integrated approaches for confronting the underlying issues that prevent women from realizing their full potential as economic agents. The second session was by Dr. Archana Dubey, a Gynaecologist, where she educated the local women on gynaecology and hygiene that could lead to better health and well-being of women.









#### **Avantika Connect**

The university launched a new webinar series — Avantika Connect on 2<sup>nd</sup> May 2020. This series brought a closer look at the broad notion of design that includes "design-thinking," and how to design change that matters — at the time when we need it most. Thought leaders from various disciplines of the Avantika's Faculty and Advisory Board offered reflections and guided a free-flowing discussion with participants on infusing the right mindset and creative problem-solving approach.

The following are the webinars launched in 2019-20.

Sr.	Date	Webinar	Speaker(s)
1	2 May 2020	Design Education: The Avantika Way	Sukanta Kundu Dean - School of Design
2	5 May 2020	Qualities and Attributes of a Designer	Dhimant Panchal Pro-Chancellor
3	6 May 2020	Designeering: The Industry Outlook	Rohit Lalwani Director - Industry Relations
4	13 May 2020	The Avantika Experience	Rohit Lalwani Director - Industry Relations
			Students of Avantika
5	16 May 2020	Design and Empowerment	Rajiv Mishra Member of Governing Body
6	20 May 2020	Modern Digital Approach to Design Education	Sanjay Dhande Chancellor
7	23 May 2020	Education and Industry 4.0	S. S. Mantha Member of Governing Body
0	27 May 2020	Fashion Design: A Comprehensive Outlook	Prabodh Mishra Coordinator - Fashion Design
8			Jeremy Fritzhand Managing Director of Studio Bagru
	30 May 2020	Design Discipline: The Way Ahead	Raghav Pandya Coordinator - Industrial Design
9			Rupesh Gajbhiye Coordinator - Communication Design
			Siddharth Majumdar Coordinator - User Experience Design



### **Avantika Designeering Series**

The university launched the podcast series Avantika Designeering Series on 3<sup>rd</sup> May 2020, which focused on the need for tightly weaving design and engineering for the biggest breakthroughs. This series featured the captivating conversations with the industry's leading designers, technologists, and creatives to uncover their stories, unique perspectives, and insights on how to apply the integrated approach to achieve a consistent product and service innovation. Their stories served as an awe-striking reference for every designer, techie, and student alike.

This weekly series was hosted on Hubhopper and is available on all major platforms like Google Podcasts, Apple Podcasts, Spotify, JioSaavn, and many more.

The following are the podcasts launched in 2019-20.

Sr.	Date	Podcast	Speaker(s)
1	3 May 2020	Transforming Experiences for the Future	Alok Nandi Founder at Architempo; Former President at IxDA
2	13 May 2020	The Business of Communication	Lulu Raghavan MD at Landor Associates
3	20 May 2020	Technology Driving Design Innovation	Ravi Badve Director - Customer Delivery at MasterCard
4	27 May 2020	Future-proofing with Design	Manukrishna Nair Director of Development at Fitch
5	3 June 2020	Design, Dialogue, Disruption	Lourd Nathan Design Director at Frog Design, Inc.
6	10 June 2020	Delivering Innovation at the Doorstep	Tejas Vyas Director of Products at BigBasket
7	17 June 2020	Reuse, Recycle, Rethink	Tanyaradzwa Sahanga Transformation Lead at 37Thanks; Formerly at Adidas
8	24 June 2020	ABCs of Branding	Mayuri Nikumbh Design Director at Elephant Design
9	29 June 2020	World Industrial Design Day (Part-I)	David Kusuma VP - Global R & D at Tupperware Brands



# Infrastructure and Facilities

## Workshop

The Workshop at Avantika is a well-equipped cluster of distinctive workstations where the learners give form to their ideas. With practical-based learning spread across all programs, the workshop acts as the central point of students' academic indulgence giving shape to their projects. The various shops boast of state-of-the-art machinery and skilled manpower support making it one of its kind precinct for varied spheres of design, manufacturing, and fabrication.

#### **Wood Shop**

The Wood Shop is a place where the students explore the fundamentals of woodwork and carpentry getting a deep insight into the use of Timber. Students make use of hand and power tools to develop various joineries and products by performing planning, sawing, and chiselling operations. The Wood Shop includes Wood Lathe, Band Saw, Jig Saw, Single Bevel Mitre, etc.

#### **Metal Shop**

The Metal Shop is a place where the students explore working with metal to design, develop, and fabricate various products through operations like Cylindrical Turning, Step Turning, Taper Turning, Facing, Cutting, Milling, Chamfering, Drilling, Reaming. The Metal Shop includes Lathe Machine, Milling Machine, Drilling Machine, Bench Grinder, Pipe Bending Machine, Metal Cutter 1100W, Metal Shear 1.6, Nibbler 1.6, and Kit of Forming tools, etc.

#### **Welding Shop**

The Welding Shop is a place where the students perform arc welding fusion processes for joining metals. The different operations practiced by students in Welding Shop are position Welding, Butt Welding, Lap Welding, Spot Welding, etc. The Welding Shop includes ARC+Tig Welding Machine with safety equipment.



#### **Fitting Shop**

The Fitting Shop is a place where the students refine their products to achieve desired shapes, size, and accuracy through various finishing operations such as marking, filing, chipping, sawing, scraping, drilling, reaming, tapping, threading, and grinding, etc. The Fitting Shop includes Machine Vice, Bench and Hand Drill Machine, Angle Grinder 540W with Angle Polisher Attachment, and various files, etc.

#### **Plastic Shop**

The Plastic Shop is a place where students learn to turn plastic into permanent objects such as protective covers by identifying and

acquainting with suitable materials. Students learn to design wood, machined aluminum molds, which are used to develop different shapes with the use of vacuum forming machines.

#### **Paint Shop**

The Paint Shop is a place where students give surface treatment to their prototypes or models with the aim to give a final finish to their products. Students work with water and solvent-based paints, varnishes, various surface treatment agents, oils and waxes for this process using paint spraying booths.



### **FAB LAB**

The FAB LAB at Avantika is a state-of-the-art lab consisting of highend digital fabrication and manufacturing machinery consisting of an array of flexible computer-controlled tools, that cover several different length scales and various materials, with the aim to make "almost anything" and cater a platform for new ideas and innovation.

- Laser Cutting/Engraver 3x2 for Non-ferrous materials
- NC Mini Mill Machine Bench Top Model (MDX 540 A 3D, 4 AXIS)
- CNC Router Machine for soft metal, plastic, wood
- Thermocol Cutting Machine (Hot Knife)
- 3D Printers
- Vinyl Cutter/Plotter Machine



### ICT

The technology on campus at Avantika has created a niche for itself in the area around. The campus boasts of a three-layer hierarchical model of ICT Infrastructure designed by Cisco Systems (Networking Hardware Company) and implemented by Dimension Data (Global Partnership with Cisco for more than 25 Years). The three-layer ICT network infrastructure benefits in better performance, management, scalability, reliability, and redundancy in the campus.

#### **Turing - The Computer Center**

Turing is the Computer Center at Avantika. The center boasts of highend computer systems and printers such as,

- Intel Core i7 Personal Computers with 24 Inch display, 8GB RAM, 1 TB HDD, Nvidia Ge force Graphics Card 4GB RAM, and Windows 10 Professional
- iMac i5 Personal Computers with 27 Inch Display, 8GB RAM, 1
   TB HDD, and Mac OS Sierra 10.12.5
- Multi-Function SHARP-Colour Printer
- 44-inch HP Design Jet Pro Postscript Printer (Plotter)





- Ethernet Connection: 10/100 MBPS
- Three Wireless Networks namely Ashoka, Kalidas and Vikramaditya





- Google Cloud Education Suite
- Office 365 Student Version

#### **Academic Software**







#### **Lecture Capture**



Impartus is a cutting-edge end-to-end system that automatically records complete classroom experience. The adaptive and secure videos can be consumed live or on-demand from web and mobile applications. The platform also enables students and professors for collaborative learning by sharing content enriched with advanced search analytics and Karma.

#### **Cashless Campus**



All transactions at Avantika are done through its Campus Wallet. The University is a cashless campus and the multi-utility ID card is used as the Student ID card, Access Controller, and is also integrated with the Campus Wallet which is used to make payments through the cashless transaction mechanism. It is specially used for university outlets like Canteen, Health Center, Library, and Computer Lab.

#### **Advantages of Campus Wallet**

- An online recharge facility through electronic money transactions.
- Absolute control over spending. Eliminates the problem of misuse of cash or theft.
- Timely notifications facilitate proper monitoring of the student's activities and a monthly statement of wallet usage which is shared with the parents.

## Library

The Library at Avantika is a state-of-the-art knowledge resource center boasting digital and print resources in sync with global standards. The library infrastructure works on a digital interface called 'Koha' which enables access to the diverse range of resources anywhere and anytime.

- Integrated Library Management System Koha
- Web OPAC
- Online Resource Centers: DELNET, NDL, NPTEL, NDSCL, E-PG Pathshala, Vidya-mantra, Vidwan, and Online Vivekananda Library
- Open Access E-Resources: E-Journals, E-Books, E-Newspaper,
   E-Magazines, E-Thesis, E-Dictionaries, and E-Thesaurus
- Matheworld, MIT-OCW, OER Commons
- Collection of 1500+ documents
- 4000+ full text and abstracting journals

- Reference book collection includes Bibliographies, Dictionaries, Encyclopaedias, Reference tools, Handbooks, Guidebooks, Year books and all Government Publications (Bulletins and Standers)
- Newspapers and Magazines



### **Health Center**

#### **Medical Facilities**

- Free of cost first-aid and medical consultation facility at campus
- 24x7 availability of Doctor
- 24x7 availability of Ambulance
- Availability of Phlebotomist (on call)
- La Carte Medicine Delivery facility
- Star Health Medical and Accidental Insurance

#### **Medical Tie-ups**

- Tejankar Health Care and Research Centre
   86, Vishwavidyalaya Marg, Madhav Club Road, Ujjain, MP
- CHL Hospital
   Indore Road, near Hotel Shanti Palace, Nanakheda, Ujjain, MP
- Lifeline Medicos
   Near Samay Hotel, Freeganj, Ujjain, MP

## **Campus Amenities**

- Cafeteria and Refectory
- Tuck Shop
- Gym
- Indoor and Outdoor Sports
- Banking Facility
- 24x7 Medical Facility with Ambulance
- 24x7x365 Online Psychological Expert Support and Personal Counseling
- Student Lounge
- Amphitheatre
- Recreation Rooms
- Music Center
- Stationery Store
- Printing and Reprographic Store
- Laundry Service
- Study and Discussion Rooms
- LAN Point and WiFi
- Free Shuttle Bus Facility to Ujjain















# **Upcoming**Year

- Design and implement a roadmap for developing a Digital Campus for a collaborative and engaged education ecosystem.
- Implement a Learning Management System that streamlines all the digital tools and academic content, enabling a more connected learning experience for teachers and students.
- Implement integrated technology platforms that automate and simplify the processes enabling a seamless employee experience.
- Introduce a one of its kind Life Skills Program with an aim to inculcate emotional and intellectual competencies in line with 21<sup>st</sup> century requirements.
- Initiate the Ph.D. program in the interdisciplinary and multidisciplinary domains of Design and Engineering.
- Initiate research in the trans-disciplinary areas of Cyber-Physical Systems, Digital Learning, Computation Electronics, and like.

- Strengthen the regular and visiting faculty network to augment the teaching, learning, research, and development activities.
- Collaborate with various global universities for joint research projects, student exchange, and faculty exchange programs.
- Explore industry collaborations in fields of Social Innovation, System Design, Experience Design, Visual Design, Data Science, Al, IoT, Transportation, Energy, etc.
- Enhance the quality of the workplace experience with improved communication and employee engagement.
- Initiate steps towards sustainability and instill the values of socially, economically, and environmentally responsible citizenship.



## Leadership

#### **Founder**



Prof. Vishwanath D. Karad Founder, Executive President and Managing Trustee, MAEER's MIT Pune

"Taking a nod of learnings from Indian culture, Avantika aims to provide the most inspiring learning environment that stresses on the allround development of an individual.

#### **Executive Director**



**Dr. Sunil Karad** Executive Director and Trustee. MIT Group of Institutions, Pune

"The objective of Avantika is to change the perspective about higher education and to create change makers who can transform the society at large."

#### Chancellor



**Prof. Sanjay Dhande**Former Director - IIT Kanpur

"Avantika is essentially a community of learners, harboring the belief that there is always more to know and discover. We're open to changes and challenges, and in the perpetual pursuit of ideas that spark innovation."

#### **Pro Chancellor**



**Prof. Dhimant Panchal**Formerly with NID and MIT-ID, Pune

"Avantika, in essence, aims to break free from the traditional boundaries of long-followed educational methodologies. The liberal approach to learning at Avantika will groom holistic individuals with a broad perspective and interdisciplinary skill set. Education at Avantika will advocate passion for learning, creating and innovation."

#### **Vice Chancellor**



**Prof. Prasheel Suryawanshi** SMIEEE, MIET, FIETE, FIE, MINS

"Avantika aspires to provide comprehensive education by which creative and analytical strength of mind are increased, in-depth intellect is expanded, and all-round character is formed, leading to the holistic development of an individual."

## **Statutory Bodies**

#### **Governing Body**



**Sanjay Dhande** Chancellor Avantika University



**Sunil Karad Executive Director and** Trustee MAEER, Pune



**Anant Chakradeo** Dean - Design MIT ADT University, Pune



**Dhimant Panchal** Pro Chancellor Avantika University



**Rahul Karad** Trustee MAEER, Pune



**Nitin Rane** Vice Chancellor MIT University, Meghalaya



**Prasheel Suryawanshi** Vice Chancellor Avantika University



**Mangesh Karad** Trustee MAEER, Pune



**Shailendra Kumar Sharma** Nominee of State Govt. Professor and HOD - Hindi, Vikram University.



S.S. Mantha Former Chairman - AICTE, Adjunct Prof. NIAS Bangalore



**Suchitra Nagare** Trustee MAEER, Pune



**Manesh Patil** Registrar Avantika University



Rajiv Mishra Directorate of Art Govt. of Maharashtra. Mumbai



Prakash Joshi Trustee MAEER, Pune

<sup>\*</sup> Nominee of Visitor Awaited

#### Board of Management.....



**Prasheel Suryawanshi** Vice Chancellor Avantika University



**Sukanta Kundu** Professor - Design Avantika University



**Mohan Singh Palduna** Nominee of State Govt.



**Rahul Karad** Trustee MAEER, Pune



**Hemant Kaushik** Professor - Design Avantika University



**Surendra Marmat** Nominee of State Govt.



Prakash Joshi Trustee MAEER, Pune



**Raghav Pandya** Associate Professor - Design Avantika University



**Manesh Patil** Registrar Avantika University



**Chandrakant Panday** Trustee MAEER, Pune



Coordinator - CSE Avantika University

#### Academic Council



**Prasheel Suryawanshi** Vice Chancellor Avantika University



Kirti Trivedi **Professor Emeritus** Avantika University



**Sukanta Kundu** Dean - School of Design Avantika University



Venkatesh Rajmanickam Professor IDC, IIT Bombay



T. N. Hari Head - HR BigBasket



**Raghav Pandya** Coordinator - Industrial Design Avantika University



**Shashank Mehta** Activity Chairperson -Education NID Ahmedabad



**Manak Lal Jain** Professor SGSITS, Indore



**Rupesh Gajbhiye** Coordinator - Communication Design Avantika University



**Puneet Tandon** Professor and Dean PDPM IIITDM, Jabalpur



**Dhimant Panchal** Professor Emeritus Avantika University



**Siddharth Majumdar** Coordinator - UX Design Avantika University



**RavikumarJadhav**Coordinator - Computer Science and Engineering Avantika University



**Kamlesh Mishra**Nominee of MPPURC



**Varun Tiwari**Coordinator - Mechanical Engineering.
Avantika University



Manesh Patil Registrar Avantika University



**Prabodh Mishra**Coordinator - Fashion Design
Avantika University

#### Finance Committee



**Prasheel Suryawanshi** Vice Chancellor Avantika University



Rashi Jain Chief Finance and Accounts Officer Avantika University



**Nitin Rane** Nominee of Governing Body Avantika University



**Manesh Patil** Registrar Avantika University

### Planning and Administration Committee .....



**Prasheel Suryawanshi**Vice Chancellor



**Ravikumar Jadhav** School of Engineering



**Mukesh Bhargava** Library



**Manesh Patil** Registrar



**Prabodh Mishra**School of Fashion



N. Sivaramakrishnan



**Sukanta Kundu** School of Design



**Varun Tiwari** Workshop



**Vaibhav Garg**Industry Relations



Rashi Jain Finance and Accounts



**Chandrashekhar Lohote** General Administration



Rashi Singh HR



**Prakash Dhumal** Estate



**Vishal Choudhary** Academic Administration



**Ameet Kumar Sharma** Admissions

# Think, Innovate, Progress

## Student Council

The Student Council maintains the primary responsibility for all student interests and involvement at Avantika. The Student Council Body is elected by, and for, students. The Council is led by 2 third-year students and 12 representatives, making a total of 14 students. The Council meets at least once a month to discuss the issues raised by the students through their group meetings and ensures the student interests are taken into account in any senior management decision process.

Each year the Student Council brings the students together on campus for a series of celebratory events, multicultural festivals, runs social events, and supports our clubs advocating for the best possible student experience at Avantika.

#### **General Secretary**



**Mayank Soni** TY BTech (CSE)

#### **Ladies Representative**



Shrawani Bohra TY BDes (CD)



Cultural Secretary
Tanishq Dalvi
TY BDes (UXD)



Industry Relations Secretary Bhaswati Banerjee FY MDes (ID)



Social Secretary

Nipun Patel

FY BTech (Foundation)



Cultural Secretary

Rakshita Desai

FY BDes (FD)



Industry Relations Secretary Sakshi Shah SY BDes (UXD)



Club Secretary
Ved Umale
FY BDes (Foundation)



Sports Secretary
Himanka Kalita
TY BDes (ID)



**Technical Event Secretary**Kriti Sinha
FY MDes (CD)



**Hostel Secretary** Shivranjani Solanki FY BDes (FD)



PR Secretary

Moulshree Verma
SY BDes (ID)



**Technical Event Secretary**Prantik Saha
SY BTech (CSE)



Mess Secretary
Aditya Upadhyay
TY BTech (ME)

### **Students**

#### FY BDes (Foundation) .....

- 1. Aabha Joshi AU19A1001
- 2. Shravani Kulkarni AU19A1002
- 3. Parthavi Gurav AU19A1003
- 4. Sarthak Shambhatnavar AU19A1005
- 5. Dharati Verma AU19A1006
- 6. Aditva Salunkhe AU19A1007
- 7. Samiksha Banka AU19A1008
- 8. Aman Asthana AU19A1009
- 9. Simmran Khanna AU19A1010
- 10. Sakshi Agrawal AU19A1011
- 11. Shaurya Upadhyay AU19A1012

- 12. Megha Jaswal AU19A1013
- 13. Shruti Awate AU19A1014
- 14. Aanchal Maratha AU19A1015
- 15. Aaryaman Shetty AU19A1016
- 16. Rohith R AU19A1017
- 17. Yutika Bhasin AU19A1018
- 18. Akshay Karadkar AU19A1019
- 19. Ivjot Singh Sethi AU19A1020
- 20. Bulusu Lakshmi Sravani AU19A1021
- 21. Shreva Mishra AU19A1022
- 22. Manali Sawant AU19A1023

- 23. Esha Mehta AU19A1024
- 24. Eshika Dhanaki AU19A1025
- 25. Omkar Jagtap AU19A1026
- 26. Divya Manglekar AU19A1027
- 27. Mukund Bhalotia AU19A1028
- 28. Atul Sureka AU19A1029
- 29. Atharva Gantellu AU19A1030
- 30. Divya Patil AU19A1032
- 31. Mathangi Neelakantan AU19A1033
- 32. Chinmay Date AU19A1034
- 33. Riya Katariya AU19A1035

- 34. Shubhankar Nandapurkar AU19A1036
- 35. Shubhojit Saha AU19A1037
- 36. Debdatta Ghosh AU19A1038
- 37. Rishabh Kiran AU19A1039
- 38. Nibha Mungee AU19A1040
- 39. Anush Nadkarni AU19A1041
- 40. Nitvashree Raman AU19A1042
- 41. Lav Patil AU19A1043
- 42. Chaitanya Risbud AU19A1044
- 43. Kaustubh Barhate AU19A1045
- 44. Drashti Gala AU19A1046

#### FY BDes (Foundation) .....

- **45. Purva Nakhwa** AU19A1047
- **46. Niharika Gupta** AU19A1048
- **47. Chaitanya Shamanewadikar** AU19A1049
- **48. Sakshi Sankhe** AU19A1050
- **49. Ayush Suhag** AU19A1051
- **50. Saumya Kharkar** AU19A1052
- **51. Mrinal Dabade** AU19A1053
- **52. Aditya Gawade** AU19A1054
- **53. Yug Chaudhary** AU19A1055
- **54. Utkarsh Barapatre** AU19A1056
- **55. Esha Vijayan** AU19A1057

- **56. Zeel Modi** AU19A1058
- **57. Prakriti Pachisia** AU19A1059
- **58. Chaitanya Patil** AU19A1060
- **59. Sai Niharthi Sree Muddada** AU19A1062
- **60. Arnav Nalawade** AU19A1063
- **61. Prasad Chaudhari** AU19A1064
- **62. Hritik Fulambarkar** AU19A1065
- **63. Ketki Bhrushundi** AU19A1066
- **64. Abhishek Joshi** AU19A1067
- **65. Ananya Dey** AU19A1068
- **66. Priyanshi Katiyar** AU19A1069

- **67. Surabhi Bajaj** AU19A1070
- **68. Dhruv Champaneri** AU19A1071
- **69. Devika Phadke** AU19A1072
- **70. Neha Kanade** AU19A1073
- **71. Sriram Ajith** AU19A1074
- **72. Mihir Worlikar** AU19A1075
- **73. Yashi Pareek** AU19A1076
- **74.** Monik Gindra AU19A1077
- **75. Kshitij Deepak Deore** AU19A1078
- **76. Aarya Vaidya** AU19A1079
- 77. Anushka Nimdeokar AU19A1080

- **78.** Jagriti Kale AU19A1081
- **79. Bhargavee Soman** AU19A1082
- 80. Mrunmayee Kulkarni AU19A1083
- 81. Miral Zafar AU19A1084
- **82.** Madhumitha Balasubramanian AU19A1085
- 83. Neel Dabri AU19A1086
- 84. Saket Lonkar AU19A1087
- 85. Ishan Nakate AU19A1088
- **86. Devashish Boralkar** AU19A1089
- **87. Ved Umale** AU19A1090

#### FY BTech (Foundation) ......

- 1. Naman Sharma AU19B1002
- 2. Jigyasa Dixit AU19B1003
- 3. Nitya Kasturey AU19B1004
- 4. Muskan Jain AU19B1005
- 5. Shambhavi Goswami AU19B1006
- 6. **Jeel Khatiwala** AU19B1007
- 7. Harsh Sharma AU19B1008
- 8. Nipun Patel AU19B1009
- 9. Anannya Mital AU19B1010
- 10. Somesh Anjana AU19B1011
- **11. Aditya Carpenter** AU19B1012

- **12. Abhijeet S** AU19B1013
- 13. Sheikh Muhammed Tadeeb
- **14. Ishita Tandon** AU19B1015
- **15. Abhijit Panchal** AU19B1016
- **16. Ujjwal Pandya** AU19B1017
- **17. Falguni Dable** AU19B1018
- **18. Anushka Gupta** AU19B1020
- **19. Aniruddh Tiwari** AU19B1021
- **20.** Anish Prasad AU19B1022
- **21. Akshat Vinaybhai Patel** AU19B1023
- **22. Vaibhav Pandya** AU19B1024

#### FY BDes (Fashion Design) .....

- 1. Nikita Dubey AU19C1001
- 2. Shivranjani Solanki AU19C1002
- 3. Ranu Beniwal AU19C1003
- 4. Himanshi Prajapati AU19C1004
- 5. Natasha Bhargava AU19C1005
- 6. Kylie Vats AU19C1006

#### SY BDes (Industrial Design)

- 1. Sheil Joshi AU18A1001
- 2. Priyanshi Agrawal AU18A1003
- 3. Jatin Modi AU18A1005
- **4.** Moulshree Verma AU18A1006
- 5. Sharvari Rai AU18A1010
- 6. **Dhiraj Garhwal** AU18A1012
- 7. Samyaka Yeolekar AU18A1015
- 8. Akash Sinha AU18A1021
- 9. Jay Dhebar AU18A1021
- **10.** Anliya Manoj AU18A1023
- 11. Prashita Gupta AU18A1025
- **12. Shraddha More** AU18A1029

- 13. Shraddha Sabnis AU18A1030
- **14. Atharva Kawre** AU18A1036
- **15. Vishwas Shah** AU18A1041
- **16. Khushbu Chaudhary** AU18A1050
- **17. Bhushan Phanse** AU18A1062
- **18. Omkar Jadhav** AU18A1063
- **19. Meet Panchal** AU18A1066
- **20. Shambhavi Pandey** AU18A1070
- **21. Devansi Patel** AU18A1074
- **22. Garima Maiya** AU18A1080
- **23. Atharva Pande** AU18A1082
- **24. Rajeesh Reghu** AU18A1085

- 25. K.rakesh Nayak AU18A1088
- **26. Nipun Saxena** AU18A1092
- **27. Vivek Purswani** AU19A1093L

### SY BDes (Communication Design)

- 1. Saloni Virkar AU18A1002
- 2. Shaunak Datar AU18A1013
- 3. Neha Madhekar AU18A1017
- **4. Ekta Gupta** AU18A1020
- 5. Khushi Sharma AU18A1024
- 6. Kritika Rathi AU18A1026
- 7. Ojsee Brijpuriya AU18A1028
- 8. Ashutosh Deshpande AU18A1033
- 9. Kaustubh Vichare AU18A1034
- 10. Darsh Soni AU18A1035

- **11. Jagrati Rajpal** AU18A1037
- 12. Nishi Mundra AU18A1038
- **13. Ullas R bhat** AU18A1040
- **14. Baladithya Madhusoodan** AU18A1047
- 15. Ritika Suraj AU18A1049
- **16. Shreedutt Wasu** AU18A1052
- **17. Khushi Mehta** AU18A1053
- **18. Abhinav Narayan** AU18A1055
- **19. Siddharth Hardikar** AU18A1056
- **20. Mudit mousam Gogoi** AU18A1060

- 21. Nupur Sonar AU18A1061
- **22. Chaitanya Rukumpur** AU18A1064
- 23. Jaitish Sahni AU18A1065
- **24. Rutal Deshmukh** AU18A1073
- 25. Sagnick Dutta AU18A1077
- **26. Shreerang Ramtirthkar** AU18A1078
- **27. Vagdevi Rao** AU18A1079
- 28. Rakshita Desai AU18A1083
- **29. Aayush Bidkar** AU18A1090

#### SY BDes (User Experience Design)

- 1. Arnav Agarwal AU18A1004
- 2. Shalin Desai AU18A1007
- 3. Aishwarya Raka AU18A1008
- 4. Madhura Pawar AU18A1011
- 5. Anaghaa Chakrapani AU18A1014
- 6. Atharva Dahotre AU18A1019
- 7. Kashish Sethi AU18A1027
- 8. Srushti Ghadge AU18A1032
- 9. Siddhesh Vishwasrao AU18A1039
- **10. Nikita Sharma** AU18A1042
- 11. Uttara Kulkarni AU18A1044
- **12**. Akash Katariya AU18A1045

- **13. Aditya Ramvarzi** AU18A1046
- **14. Saakshi Kulkarni** AU18A1048
- **15. Jill Chheda** AU18A1054
- **16. Faizan Ansari** AU18A1058
- **17. Zeeshan Ansari** AU18A1059
- **18. Chirag Jagetiya** AU18A1067
- 19. Khushi Singh AU18A1068
- **20. Rudrik Marathe** AU18A1071
- **21.** Sakshi Shah AU18A1072
- **22. Nishtha Batra** AU18A1076
- 23. Tejal Firodiya AU18A1081
- **24.** Mrunmayi Kulkarni AU18A1084

- 25. Jash Amipara AU18A1086
- **26.** Manuja Kadre AU18A1087
- 27. Shruti Wagh AU18A1089
- **28. Aryaman Choudhary** AU18A1091

#### SY BTech (Computer Science and Engineering) .....

- 1. Prantik Saha AU18B1001
- 2. Mansi Patel AU18B1002
- 3. Jayant Choudhary AU18B1003
- 4. Utkarsh Agrawal AU18B1004
- 5. Varunee Acharya AU18B1006
- 6. Aditya Oswal AU18B1007
- 7. Pooja Kanojia AU18B1008
- 8. Aditya Sharma AU18B1009
- 9. Abhinav Singh AU18B1010

#### TY BDes (Industrial Design)

- 1. Soham Mohanty AU17A1002
- 2. Swarali Hindlekar AU17A1003
- 3. Praduman Joshi AU17A1006
- **4. Vaibhav Sharma** AU17A1007
- 5. Shreya Paliwal AU17A1008
- 6. Gaurang Agarwal AU17A1009
- **7. Parth Bhavsar** AU17A1014
- 8. Mayuresh Gade AU17A1015
- 9. Shantanu Thorat AU17A1025
- 10. Gauri Singh AU17A1028
- 11. Rohan Goje AU17A1031

- **12. Krithik Prabhakar** AU17A1034
- **13. Palash Bakre** AU17A1037
- **14.** Mrunmayi Joshi AU17A1039
- **15. Aman Soni** AU17A1041
- **16. Janhavi Kedar** AU17A1042
- 17. Mansi Gupta AU17A1044
- **18. Atharva Pardeshi** AU17A1045
- **19. Apoorvaa Balasundaram** AU17A1047
- 20. R Abhishek AU17A1056
- **21. Krati Agrawal** AU17A1057
- **22. Vineet Vishwakarma** AU17A1059

- 23. Yashaskar Narumanchi AU17A1061
- 24. Divya Gupta AU17A1062
- 25. Kshitij Kalia AU17A1063
- 26. Prateek Jain AU17A1064
- **27. Radhika Goyal** AU17A1066
- **28. Manasi Parulekar** AU17A1071
- **29. Aishwarya Chawla** AU17A1073
- **30. Piyush Agrawal** AU17A1075
- 31. Rishikesh Pathak AU17A1084
- **32. Himanka Kalita** AU17A1087
- **33. Balgovind Shanbhag** AU17A1089

- **34.** P unnyan Kumar AU17A1090
- **35. Vishnu Ravi** AU17A1091
- **36. Tanvi Kulkarni** AU17A1092
- **37. Suneet Palande** AU17A1093
- **38. Hritik Ramsinghani** AU18A1095L
- 39. Deven Kale AU18A1096L
- **40. Kshitij Gangurde** AU18A1097L
- **41. Payal sharma** AU19A1098L

### TY BDes (Communication Design)

- 1. Naman Khajanchi AU17A1001
- 2. Suyash Jog AU17A1004
- 3. Jainam Sanghavi AU17A1010
- 4. Vibhuty Gaggar AU17A1011
- 5. Adithyan Shibu AU17A1012
- 6. Amartva Zade AU17A1016
- 7. Siddhant Joshi AU17A1017
- 8. Anushka Belsare AU17A1018
- 9. Akash Gupta AU17A1019
- 10. Anoushka Karnik AU17A1021
- 11. Puja Shetty AU17A1022

- 12. Rushell rose Raphael AU17A1024
- 13. Rakshita Rastogi AU17A1026
- 14. Amruta Kekre AU17A1027
- 15. Purva Jhunjhunwala AU17A1029
- 16. Prit Gajjar AU17A1030
- 17. Mrunal Deshpande AU17A1035
- 18. Tanvi Dev AU17A1036
- 19. Tanvi Kakirwar AU17A1040
- 20. Hemant Kokate AU17A1046
- 21. Shrawani Bohra AU17A1048
- 22. Geetanjali Lal AU17A1050

- 23. Avantika Bhalotia AU17A1067
- 24. Avantika Kulkarni AU17A1068
- 25. Parul Jaggi AU17A1069
- 26. Tanvi Bhujadi AU17A1070
- 27. Harshvardhan Gaikwad AU17A1074
- 28. Tanvi Mahambare AU17A1077
- 29. Nirmitee Mantri AU17A1079
- 30. Som Aprameya AU17A1081
- 31. Nitya Vijaywargiya AU17A1082
- 32. Aishwarya Tadwalkar AU17A1083
- 33. Priyesh Patade AU17A1086

- 34. Satyadev Pius m AU17A1088
- 35. Vidha Tripathi AU17A1094

#### TY BDes (User Experience Design)

- **1. Divya Ray** AU17A1020
- 2. Hetvi Shah AU17A1023
- 3. Sanika Patwardhan AU17A1032
- **4. Avi Choukhany** AU17A1038
- 5. Tanishq Dalvi AU17A1051
- 6. Tanvi Joshi AU17A1052
- **7. Sahil Jain** AU17A1055
- 8. Harshit Karir AU17A1060
- 9. Chinmay Garg AU17A1072
- **10. Dipanshu Singhall** AU17A1085

#### TY BTech (Computer Science and Engineering).....

- 1. Pranjal Jain AU17A1001
- 2. Madhur Chhajed AU17B1002
- 3. Kuldeep Pal AU17B1003
- **4. Karan Rathore** AU17B1004
- 5. Ishan Shrivastava AU17B1006
- 6. Mayank Soni AU17B1007
- 7. Samit Mukherjee AU17B1008
- 8. Nikhil Jagtap AU17B1009
- 9. Manas Choubal AU17B1010
- **10. Mihir Srivastava** AU17B1011
- **11. Vedant Khatri** AU17B1014

- **12. Yash Baranwal** AU17B1016
- **13. Shivam Singh** AU17B1017
- **14. Hatim Nomani** AU17B1018
- **15. Shivam Singh** AU17B1021
- **16. Manasi Bandal** AU17B1023
- 17. Manas Shukla AU17B1027
- **18. Thomas Vadakkan Abimalekh** AU17B1028
- **19. Fakhruddin Ezzey** AU17B1029

# TY BTech (Mechanical Engineering) .....

- 1. Ayush Bhokare AU17B1005
- 2. Aditya Upadhyay AU17B1013
- 3. Vipin Yadav AU17B1020

# FY MDes (Industrial Design) ......

- 1. Ankur Gaidhani AU19A2002
- 2. Ganesh Borkute AU19A2003
- 3. Shubhankit Jain AU19A2005
- **4. Bhaswati Banerjee** AU19A2009

- 5. Vaishnavi Upganlawar AU19A2011
- 6. Rutuja Bawankar AU19A2012
- 7. Krishnakant Pal AU19A2013

# FY MDes (Communication Design)......

- 1. Harsimran Kaur AU19A2001
- 2. Kriti Sinha AU19A2004
- 3. Ashwin Kelkar AU19A2006
- 4. Aditi Yadav AU19A2007

- 5. Raja Sidhartha Nagavalli AU19A2008
- 6. Anmol Mudaliar AU19A2010
- 7. Ambrish Polekar AU19A2014

## **About Avantika**

#### **Avantika University**

Avantika is envisioned as India's first design-centered university that cross-links design thinking and creative spirit with engineering on a solid foundation of liberal education.

The university is poised to create a unique learning center that imparts joyful education to aspiring learners in problem solving. It aims to bring about a paradigm shift in the pedagogy and assessment. The academic structure is intended to not just support professional growth but also develop the students to become innovators and entrepreneurs.

#### How to Learn

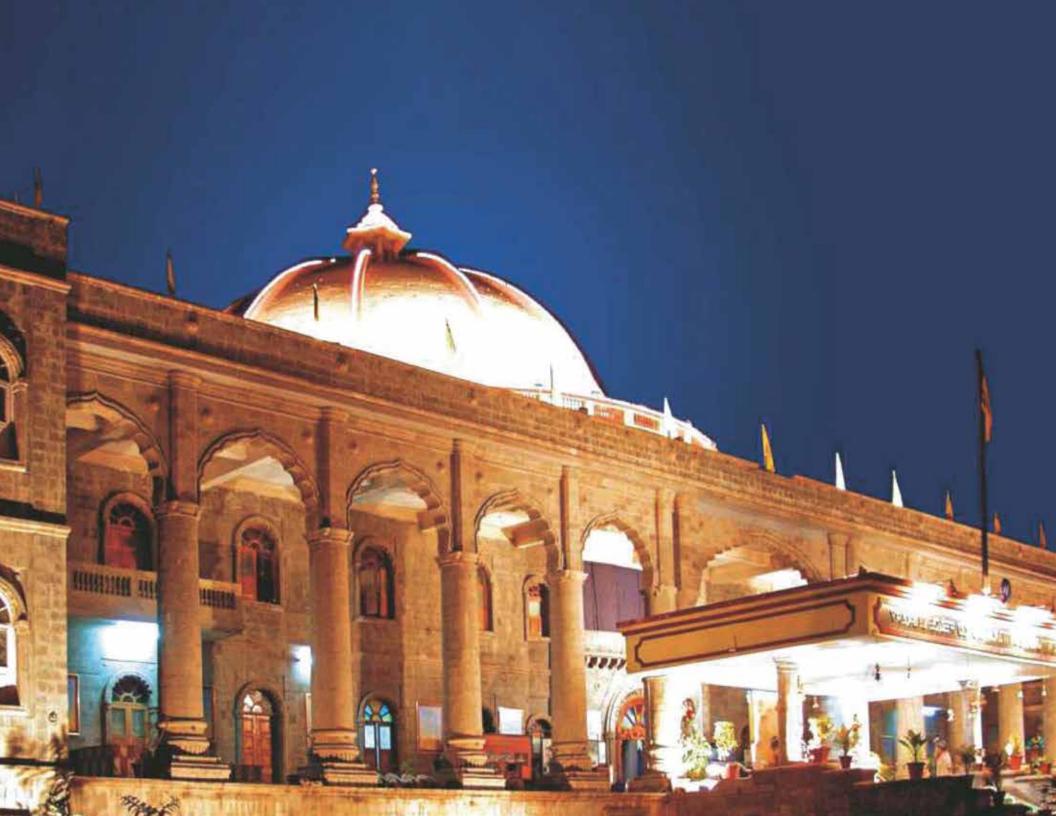
Avantika brings about a paradigm shift in pedagogy by empowering students with an approach of HOW to learn instead of WHAT to learn.

#### **Design Culture**

Design is an ethos that inspires learners to think and act on challenges to create meaningful experiences. This spirit is embedded across all programs at Avantika.

#### **Cross-Disciplinary Approach**

Avantika aims to give a holistic view of education by exposing students to multiple disciplines. The academic model blends Design Thinking with other disciplines.



### MIT Pune

Avantika University is an MIT Pune Campus at Ujjain. Established in 1983, Maharashtra Institute of Technology (MIT) is the first private Engineering Institute to be established in the city of Pune, Maharashtra. MIT Group of Institutions is a multi-disciplinary, multi-locational center of excellence that has contributed towards the industrial, economic, and social growth of the society for over three decades, and has helped realize the dreams and aspirations of thousands of students. The group has spread its wings across Maharashtra with campuses in Kothrud, Alandi, and Loni - Kalbhor within Pune, along with Latur, Talegaon, Ambejogai, and Pandharpur.

- Established in 1983
- Presence across primary, secondary and tertiary education
- Students from across India and Globe
- 10+ Campuses in Maharashtra | Madhya Pradesh | Meghalaya

Universities

70+

**Institutes** 

3,000+ **Faculty** 

50,000+

**Students** 

1,00,000+ **Alumni** 



# Statement of Accounts



In the Avantika logo, the Lotus symbolizes potential and in its fully blossomed form represents enlightenment and awareness. The flower is deeply rooted in Indian culture, particularly associated with Saraswati - the Goddess of Wisdom.

The transdisciplinary approach is represented through the confluence of sections, implying an immersive learning experience. The transition of colors represents evolution of an individual at Avantika University.

The identity reflects transformation and it is the knowledge (Vidya) that takes us through this transformation and leads us to accomplishment (Siddhi).

#### Disclaimer

Every effort has been made to ensure the accuracy of information in this report which is true at the time of its publication. The university reserves the right to change the information from time to time.

Copywriter : Swathi Medi

Designer : Pooja Malviya