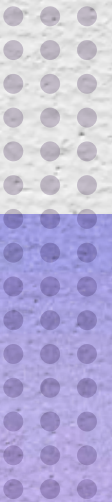


# ADYPU NEWSLETTER

Leading  
the way in  
Innovative  
Education



**AJEENKYA**  
D Y PATIL UNIVERSITY  
THE INNOVATION  
UNIVERSITY



**SEPTEMBER 2023**



## Vice Chancellor's Message

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Dear Members of the ADYPU Community,

*I am delighted to share with you the latest developments and achievements at The Innovation University.*

*This month, I would like to shed light on ADYPU's distinctive T-shaped approach to education, which sets us apart in the realm of higher learning. Our university is committed to preparing students for a future that demands a unique blend of specialized knowledge and versatile skills. It is crucial to equip our graduates with the tools necessary to excel in their chosen fields and adapt and thrive in an ever-evolving job market.*

*ADYPU's T-shaped approach is akin to the letter 'T.' The vertical stroke represents in-depth expertise in a specific field, while the horizontal stroke symbolizes a broad spectrum of transferable skills. This comprehensive educational philosophy ensures that our students possess a solid foundation in their chosen industries while simultaneously cultivating the*

*adaptability and versatility needed for success in a rapidly changing world.*

*In today's dynamic job market, young professionals are faced with the challenge of balancing specialized technical knowledge with the ability to collaborate, adapt, and solve complex problems. This is where the concept of a T-shaped professional becomes invaluable.*

*With ADYPU's unique T-shaped approach, our students transcend this career dilemma and position themselves for long-term success and fulfillment. Our graduates are experts in their respective domains and possess a versatile skill set that empowers them to tackle diverse challenges and seize opportunities across industries.*

*At ADYPU, T-shaped education is more than just a concept; it is a strategic imperative. We believe that every student should acquire foundational skills like critical thinking, adaptability, collaboration, leadership, and problem-solving and delve deeper into their chosen areas of expertise. This approach cultivates T-shaped professionals who are well-rounded and specialized, significantly impacting their careers.*

Warm regards,  
**Hridaysh Deshpande**  
Vice Chancellor  
Ajeenkya DY Patil University



## Editor's Message

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Dear ADYPU Community,

September has always been a month of transition, marked by the arrival of a new academic year and the promise of fresh beginnings. It's a time when our campus comes alive with the energy of new and returning students, eager to embark on their educational journeys. I'm thrilled to share that academics and teaching-learning activities are in full swing, with our dedicated faculty members guiding and inspiring our students.

In addition to the regular academic activities, I'm proud to highlight a significant event that recently took place at ADYP University. We had the privilege of organizing the 3rd International Conference on Energy, Environment, and Energy Storage. This conference was jointly organized by Ajeenkya DY Patil University and Erciyes University, Turkey. It provided a platform for scholars, researchers, and experts from around the world to come together and discuss critical issues related to energy, the environment, and energy

storage. Such international collaborations and academic initiatives are a testament to our university's commitment to advancing knowledge and addressing global challenges.

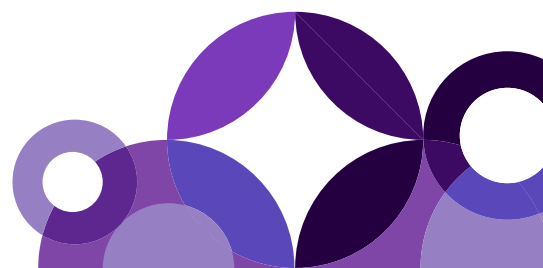
In this edition, we bring you a diverse array of articles, news, and updates that reflect the dynamic spirit of ADYP University. From inspiring success stories to insightful academic achievements, we aim to capture the essence of our thriving educational community.

I also want to express my heartfelt gratitude to our students for their invaluable contributions to this edition of the newsletter. Their creative talents have truly enriched the content, adding a touch of artistry and literary flair. I encourage you to explore this edition of our newsletter, celebrate our achievements, and stay informed about the exciting developments happening on our campus.

Warm regards,

**Sukhvinder Multani**

Editor, Deputy Dean Research  
Ajeenkya DY Patil University



## Faculty Editorial Board

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**Prof Sanjyot Kamalwar**  
Assistant Professor  
SOA



**Prof Vidyadhar Bhandare**  
Assistant Professor  
SOD



**Prof Samina Waglawala**  
Assistant Professor  
SOE



**Prof Shaista Peerzada**  
Assistant Professor  
SOL



**Prof Amit Jadhav**  
Assistant Professor  
SOLA



**Dr Kirti Longani**  
Professor, Head GE Courses  
SOM



**Prof Nikhilesh Dusane**  
Assistant Professor  
SHM



**Prof Sukhada**  
Assistant Professor  
SFM



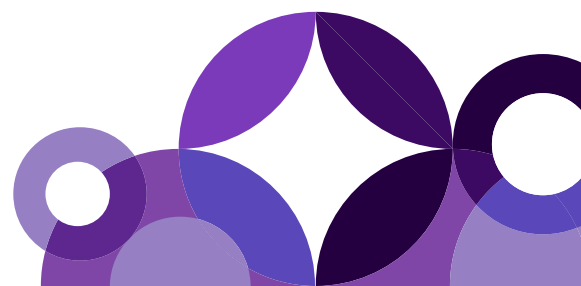
**Dr Vijaykumar Varadarajan**  
Dean  
International Division



**Shweta Sharma**  
Dean  
Corporate Relation  
& Placement



**Priya Abraham**  
Dean  
Student Services  
Division



## *Student Editorial Board*

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**Ajay Dalvi**  
3rd Year. B. Arch  
SOA



**Sneha Bhagat**  
2nd year, BA Journalism  
and Media Production  
SFM



**Ritul Dhanwade**  
2nd Year B.Tech,  
Computer Science,  
3rd Sem, SOE



**Amruta Vedsingh Yadav**  
3rd Year, 5th Semester,  
SOL



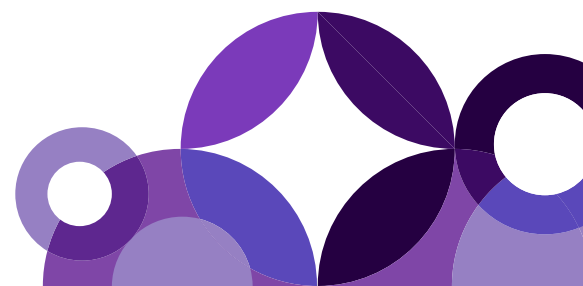
**Sayf Ali Khan**  
B.A First Year - Sem I,  
SOLA



**Sanjay Siva**  
Entrepreneur Management,  
SOM



**Sambhav Poshto**  
4th Sem. 7th Sem.  
SHM





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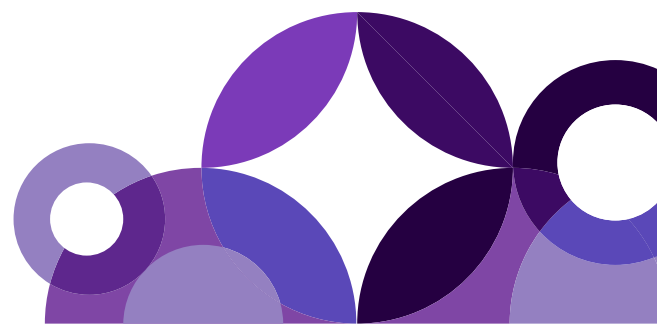
Awards & Recognition

# Academic Highlights

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The School of Architecture in Lohegaon organized an induction program for the first-year B.Arch and M.Arch students on September 5th, 2023. This event was meticulously arranged by the first-year core faculty team, the Academic Coordinator, and the Master's Program Coordinator. The primary aim of this induction program was to help students acclimate to their new academic environment, instill the institution's ethos and culture, and encourage them to explore their academic interests and engage in various activities.

Notable highlights of the program included the presence of Prof. Ar. Jayshree Deshpande, Director of COA TRC (Council of Architecture Training and Research Centre), as the Guest of Honor. Prof. Jayshree Deshpande enlightened the students about the opportunities that await them in the field of Architecture after graduation. Prof. Shubhada Chapekar provided insights into the college, its prospects, and our innovative syllabus. She also emphasized the crucial role of parental support in a student's learning journey, recognizing that each individual has a unique way of learning.



## ***Archiventure 2023 – Unveiling Creative Minds***

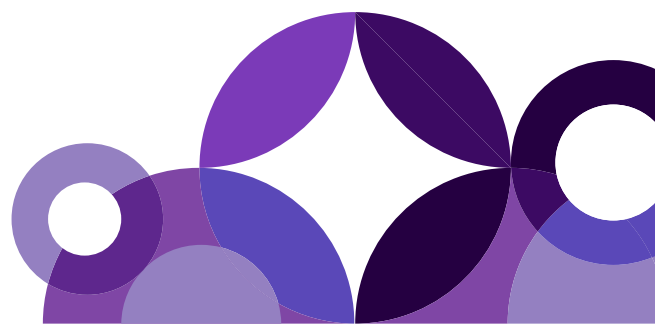
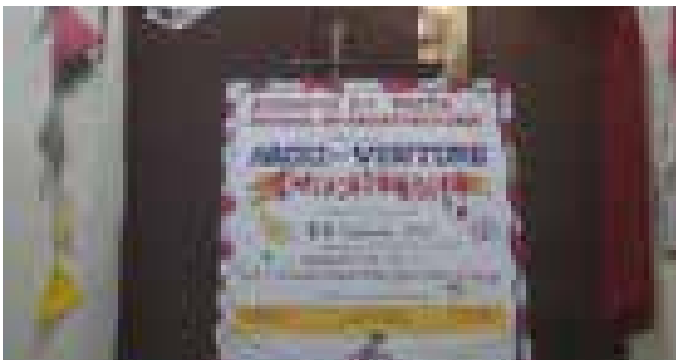
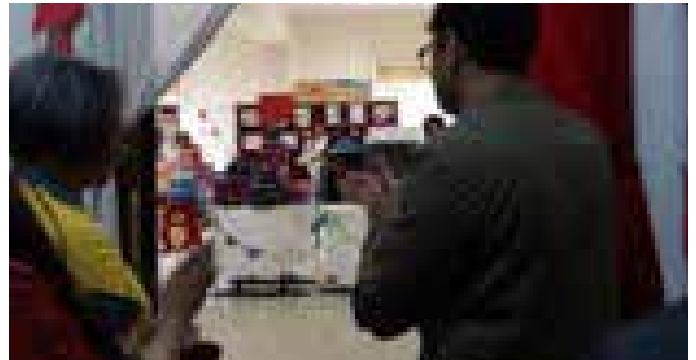
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An Exhibition was meticulously organized by the new batch of first-year B. Arch students in Studio 23. The event took place on September 13, 2023, Prof. Chandra Prasad Nallur, the Dean of the School of Design at ADYPU, graced the occasion as the Chief Guest for the inauguration of Archiventure 2023.

Several distinguished guests from ADYPU joined the event, including Ms. Priya Abraham, Dean of the Student Service Division; Dr. Rajasekaran Shanmugam, Dean of the Research Department at Ajeenkya D Y Patil University; Prof. Rakesh Bhosle, Visiting

Faculty at DYP SOA; and Prof. Shubhada Chapekar, the Principal of DYP SOA, along with the faculty team.

The inauguration ceremony was followed by a captivating tour of Studio 23, showcasing the creative works of the students during their Induction Week. The primary aim of this event was to provide a platform for fresh minds to exhibit their creative prowess and innovative ideas. The event aimed to foster a spirit of exploration and encourage students to express their artistic talents.





# ***Faculty Induction Program: Fostering Excellence in Education***

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A comprehensive Faculty Induction program was conducted under the guidance of Prof. Shubhada Chapekar, the Dean of the School of Architecture, on September 15, 2023. This program aimed to provide orientation and support to both new and existing faculty members of SOA and was designed with the following objectives:

**Welcome and Support:** To warmly welcome and offer support to new faculty members as they join the institution.

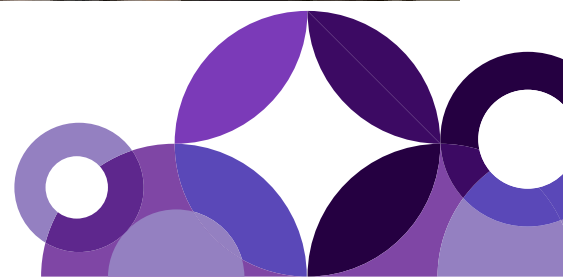
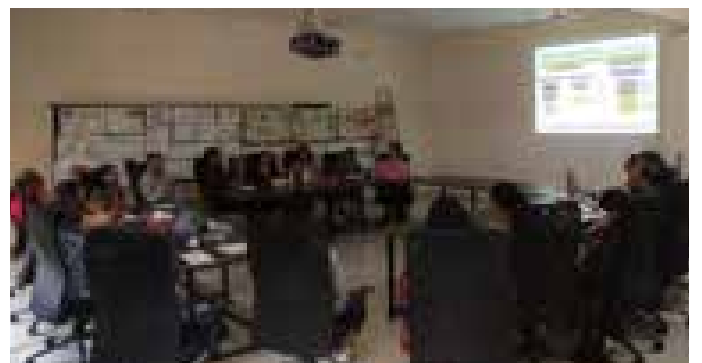
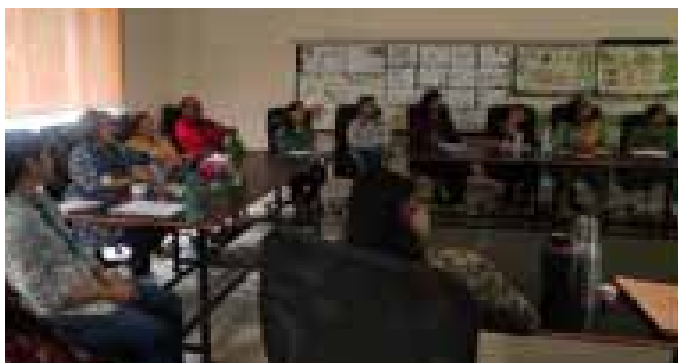
**Role Clarity:** Ensuring faculty understand how their roles contribute to the institution's vision and promote effective collaboration.

**Cultural Integration:** Instilling the institute's culture and values, fostering unity.

**Organizational Insights:** Informing faculty about hierarchy, structure, policies, and procedures.

**Defining Responsibilities:** Clarifying role requirements, and equipping faculty for excellence.

This Faculty Induction program aligns faculty with ADYPU's mission of delivering quality education and excellence.

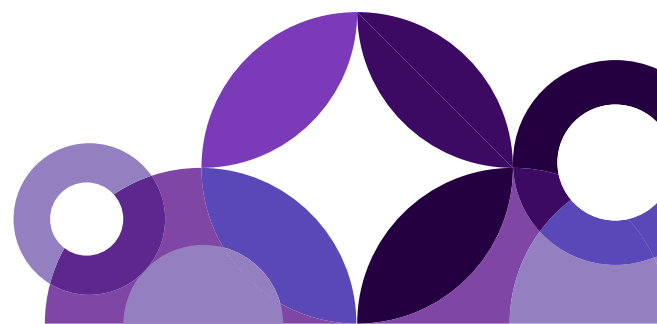


## *Exploring Pune's Rich Heritage: Ganapati Heritage Walk*

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On September 21, 2023, an enriching Ganapati Heritage Walk was organized for the first-year B.Arch. students. Guided by Prof. Sheetal Tiwari and Prof. Aditi Garg, the students embarked on this insightful journey led by Ar. Nishigandha Sakhardande from Travia Outdoors.

The primary objective of this heritage walk was to immerse students in Pune's traditional culture, enlighten them about the origins of the Ganesh Festival in Pune, and unveil the historical significance of the 5 Manache Ganapati statues in the city. The experience offered a profound insight into the city's heritage, providing students with a deeper appreciation of Pune's cultural roots.



## *Exploring International Opportunities: Seminar by the School of Hotel Management*

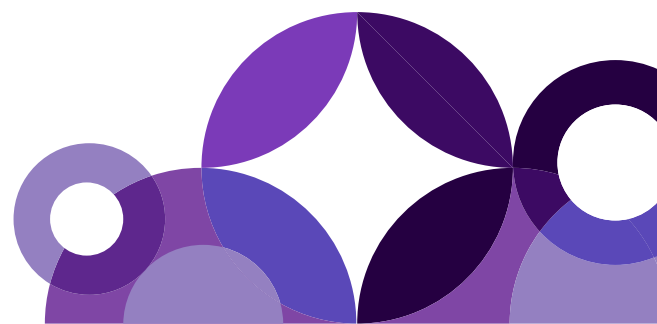
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On September 15, 2023, the School of Hotel Management hosted an enlightening seminar in collaboration with Global Edu Connects, Study Abroad & Overseas Education Consultants.

This seminar was specially tailored for students interested in pursuing their Industrial Training abroad. Global Edu Connects provided valuable insights into the diverse opportunities available in countries like Mauritius, Maldives, UK,

New Zealand, USA, and more. The session covered essential details regarding the selection process and the required documentation for international Industrial Training.

Students attended the seminar and left with a comprehensive understanding of the abundant opportunities awaiting them abroad for training and placement upon completing their course.



# ***Unlocking Success: Exploring Modern Advertising Strategies for ROI in Integrated Marketing Communication***

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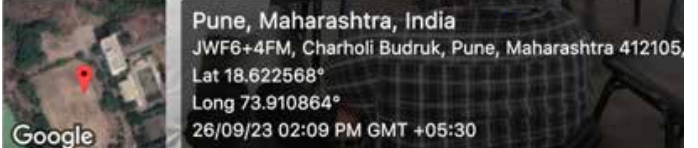
In the context of the course "Integrated Marketing Communication," Mr. Mounish Jaju, a distinguished expert from the School of Marketing (SOM), delivered an insightful lecture on the subject of advertising strategies in the current era. The focal point of his presentation was to shed light on the evolving landscape of marketing and advertising in the contemporary world.

Mr. Jaju's lecture was a comprehensive exploration of how businesses and brands are adapting to the rapidly changing dynamics of the market. One of the central themes he emphasized was the importance of adopting customer-centric marketing communication strategies in the present scenario. This concept underscores the idea that effective marketing communication should

revolve around meeting the specific needs and preferences of the target audience.

To illustrate these concepts, Mr. Jaju provided the students with real-world examples. These examples showcased how companies have successfully implemented customer-centric marketing communication strategies, leading to tangible and measurable returns on investment (ROI).

By delving into these examples, students gained a deeper understanding of how marketing communication strategies can be tailored to connect with customers on a personal level. They also learned how this personalized approach can yield positive outcomes for brands, ranging from increased brand loyalty to enhanced sales figures.

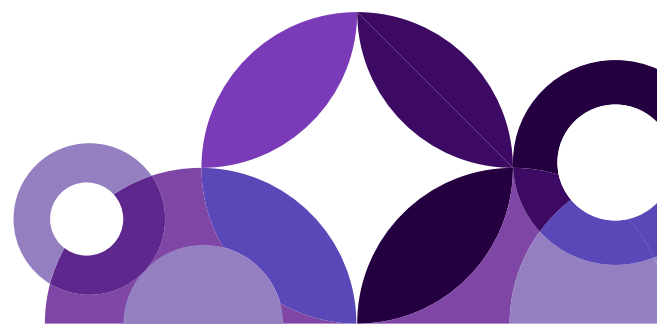


## *Empowering SHM Students: Orientation on Entrepreneurship and Incubation Inspires Future Entrepreneurs*

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On September 12, 2023, Ms. Sukhvinder Multani, Deputy Dean- Research, conducted an informative orientation session for students at the School of Hotel Management (SHM) on the topics of Entrepreneurship and Incubation. During this session, Ms. Multani covered various crucial aspects related to starting a business, including the transformation of ideas into actionable plans, securing funding, understanding competitors, and more.

Additionally, students received detailed information about how they could become a part of this entrepreneurial initiative and the support that the University offers to budding entrepreneurs.



# ***Empowering Students with Salesforce Insights: School of Engineering Hosts Workshop with Industry Experts***

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Recognizing the tremendous potential of Digital Transformations in driving business excellence, the School of Engineering took the initiative to impart a global perspective and innovative business solutions to our students. To achieve this goal, the school organized and hosted a student workshop focused on the Salesforce Ecosystem. This interactive workshop took place in the Apple Lab within the SOE premises.

During the workshop, students were introduced to Trailhead, an invaluable free online platform that facilitates learning about Salesforce applications. Furthermore, the students had the privilege of spending an entire day with esteemed industry experts who served as chief speakers and mentors. These experts not only shared their knowledge

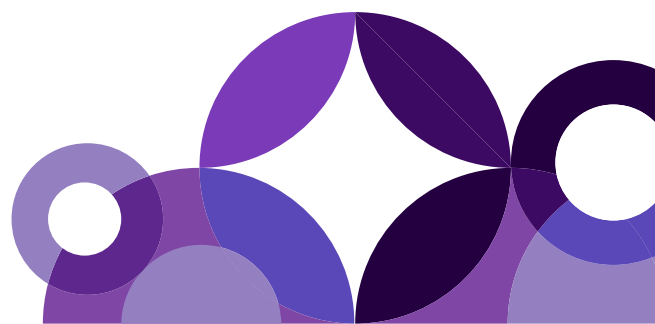
and insights but also demonstrated the practical use of tools like Kahoot and various other applications.

The culmination of the workshop saw deserving students being rewarded for their participation and achievements. This event was graced by a lineup of notable speakers and mentors, including:

**\*Mr. Jitendra Tanna, Founder and CEO of Eternus Solutions Pvt. Ltd.**

**\*Mrs. Prajakta Samant, Director of Infobeans Cloudtech**

In addition to our esteemed Guests of Honour, a team of dedicated mentors provided invaluable guidance and support throughout the event.

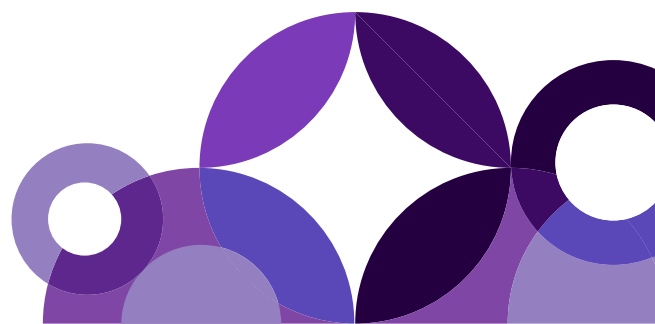


## *In Pursuit of Excellence: School of Engineering Hosts Arduino-Based Automation Workshop*

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The School of Engineering, in its commitment to providing top-notch learning experiences, recently conducted a comprehensive 3-day workshop (14-16 September 2023) on Arduino-based Automation. The workshop catered to 56 (Semester 1) students, imparting fundamental electronics knowledge, Arduino programming skills, and real-world applications such as home automation, IoT, and robotics.

Mr. C.P. Mahajan, the esteemed Guest of Honour, delivered an engaging speech covering various topics, including Arduino board selection, sensor interfacing, and pulse width modulation. The workshop concluded with a valedictory session, and credit for its success goes to STAC members Dr. Ravi Gandhi, Dr. Shantanu Kumar Das, and Prof. Anant More, whose enthusiastic efforts ensured its smooth execution."



## ***Ajeenkya DY Patil University's School of Law Hosts Guest Lecture on Corporate Law by Expert Deepti Dole***

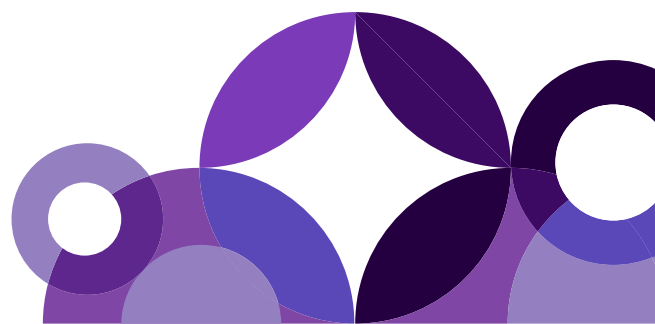
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On September 15, 2023, Ajeenkya DY Patil University's School of Law had the privilege of hosting Deepti Dole, a distinguished authority in the field of corporate law, for a guest lecture.

During the lecture, Ms. Dole provided valuable insights into the corporate law landscape and offered a roadmap for securing positions in corporate firms. Her extensive experience in the field enriched the session with practical wisdom. She underscored the importance of staying abreast of evolving corporate laws and

encouraged students to consider a career in corporate law, emphasizing its growth prospects and the potential to effect positive societal change through legal practice.

This interactive session allowed students to actively engage with Deepti Dole, seeking guidance on various aspects of corporate law, including career opportunities, emerging legal trends, and practical challenges encountered in the corporate world.





## ***Promoting Mental Health: School of Liberal Arts Hosts Suicide Prevention Workshop***

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The School of Liberal Arts organized "Mindfulness-Based Workshop on Suicide Prevention, led by Prof. Eden Lobo on September 8th, coinciding with National Suicide Prevention Week. Students from various semesters at School of Liberal Arts gathered for an engaging and interactive guest workshop dedicated to raising awareness about suicide prevention.

The workshop featured Miss Sandy Dias Andrade, a counselor from the Just Being Center, as the guest speaker, with facilitation by Dr. Sunny Thomas, the Dean of the School of Liberal Arts. The workshop delved into various aspects related to suicide, including suicidal ideation, risks, and social stigmas. It also aimed to enhance the students' fundamental mindfulness-based listening skills.

During the session, students were encouraged to share their experiences with suicide, if any. Miss Andrade's expertise in counseling deeply resonated with everyone in the room, evoking emotional responses, including tears. The event concluded with an art-based therapy activity, where students expressed their feelings through caricatures and drawings on a shared canvas.

This event not only proved to be highly educational but also fostered connections among students as they collectively explored such a significant issue and ways to address it. The event concluded with a vote of thanks from Prof. Eden Lobo.



## *Inspiring Workshop with Award-Winning Filmmaker Sunil Sukhthankar*

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A recent workshop organized by School of Film and Media, featuring the renowned writer and director, Sunil Sukhthankar, was a resounding success. Sukhthankar's exceptional storytelling abilities, thought-provoking narratives, and his exploration of impactful social issues made this workshop an interactive and engaging experience for the future filmmakers of ADYPU.

During the workshop, Mr. Sunil Sukhthankar offered a special preview of his award-winning film, "Kaasav," which means "Turtle" in Marathi and was released in 2016. The film delves into

intricate themes such as mental health, emotional healing, the delicate balance between nature and humanity, and their coexistence.

Mr. Sunil Sukhthankar patiently addressed all questions and provided insights into various aspects of the film. The students' response throughout the session was overwhelmingly positive.

In summary, this masterclass by Sunil Sukhthankar left an indelible impact, and the students' enthusiastic response was a testament to its success.



## ***Exploring the World of Journalism: SFM Students Visit Pune Mirror***

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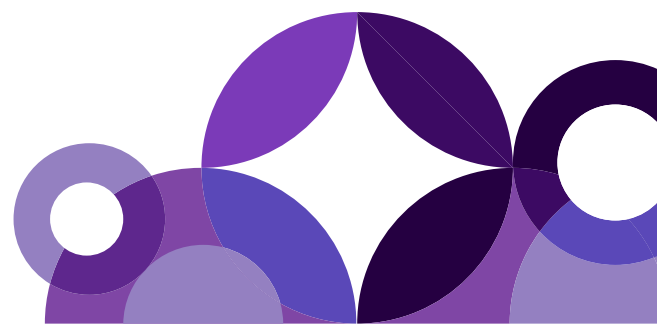
Journalism and media production students recently visited **Pune Mirror**, a prominent newspaper in Pune. The visit aimed to provide insights into news operations, including gathering, reporting, fact-checking, design, editing, sales, marketing, circulation, and digital promotion.

The day began with a session on news basics, led by Ms. Archana and Editor Avinash, covering the "5W1H" approach. Design and layout were explained by the Design Team Head, and students learned about software like Adobe InDesign and PageMaker.

Mr. Naved Anjum, COO of Pune Mirror, discussed advertisement orders, while the Circulation Team Head explained distribution and circulation-auditing.

Archana Vohra, Head of social media & Digital, shared digital promotion strategies, emphasizing SEO and effective content promotion.

The visit offered a comprehensive view of the newspaper industry to media students.



## *The 2023 Sound Conclave: A Sonic Revolution*

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School of Film and Media hosted a remarkable 3-day **Sound Conclave** from September 5th to 7th, 2023. This audio revolution conclave and expo provided a unique opportunity to learn from industry experts, including representatives from renowned companies like SENNHEISER, HITECH, and ALPHATEC.

Throughout the event, product managers and sound professionals graced the campus, sharing their insights and expertise. The conclave kicked off with Abhinav Patankar, known for his work with icons like DIVINE and Lucky Ali, who delved into the world of Allen and Health Drive.

The event reached even greater heights with presentations on the Behringer Wing and Midas Heritage HD96 by Camille Polycarp, the product manager of Live and Rental at ALPHATEC. Vinod Kamble, an RF wireless expert from Sennheiser, known for his work at premier events like IIFA and Big Boss, also shared his knowledge.

The conclave featured workshops, demonstrations, and expos focusing on industry-level techniques and equipment, providing invaluable experiences for ADYPU's future sound engineers. Students from the 1st and 2nd years of sound engineering actively participated and were commended by the experts for their engagement, inquisitiveness, and overall enthusiastic involvement throughout the event.



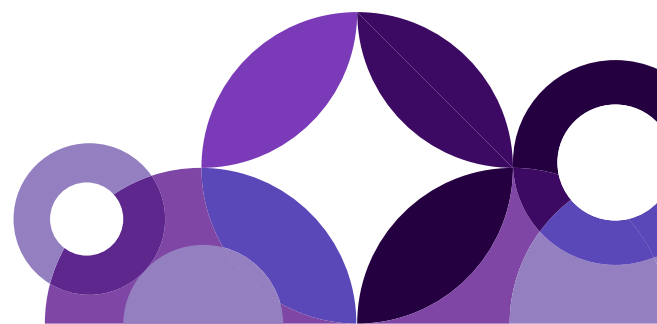
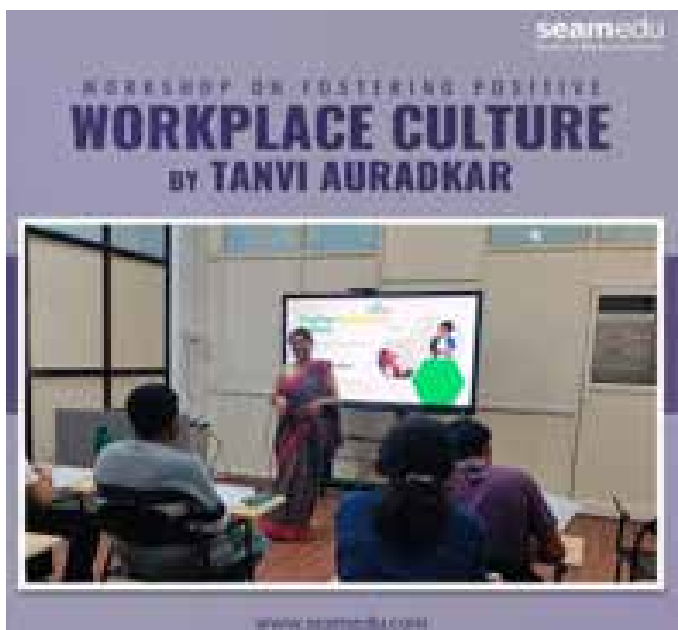
## ***Enhancing Workplace Culture: Insights from Tanvi Auradkar***

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A workshop organized at Ajeenkya DY Patil University catered to MBA students from the School of Film and Media. Tanvi Auradkar led this insightful session, highlighting the significance of nurturing a positive workplace culture through the demonstration of constructive behaviors, effective communication, and collaborative teamwork.

The workshop encouraged students to actively participate in training,

mentoring, goal-setting, and various activities, all of which are integral to personal and organizational development. By implementing these principles, organizations can establish a harmonious and productive work environment that enhances employee well-being and promotes success. This workshop served as valuable preparation for MBA students, who will soon embark on their industry experiences.



## ***NIRAJ GODBOLE's Advertising Workshop: Crafting Creative Marketing***

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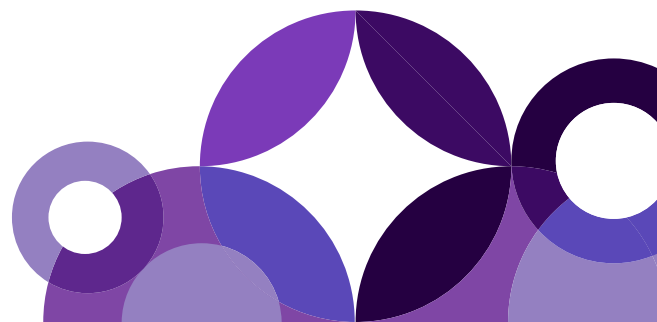


A dynamic advertising workshop was hosted by Niraj Godbole, an industry veteran affiliated with thinking partners.co.in, at School of Film and Media on September 12th, 2023.

The workshop commenced with an exploration of the importance of advertising and the role of ad films in contemporary marketing, offering insights into Niraj's own professional journey. Students actively participated in activities involving brainstorming, concept development, and ad analysis, fostering creativity and problem-solving skills.



Niraj's extensive industry knowledge enriched the sessions, which included in-depth ad studies and campaign analysis. These elements provided students with a deeper understanding of the art of effective ad filmmaking.

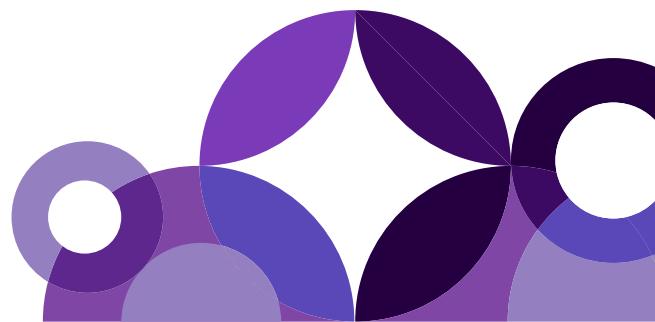


## *Successful Game Design Workshop Leaves Undri Students Inspired*

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On the 15th of September 2023, the School of Design organized an engaging Game Design workshop that took place at two prominent educational institutions, RIMS International School and Boston World School, both located in Undri. The workshop was led by a trio of accomplished professors, namely

Prof. Rupesh, Prof. Mashaal, and Prof. Satyajit. The workshop had captivated the minds of enthusiastic students with its centered around **"Zero Cost Game."**

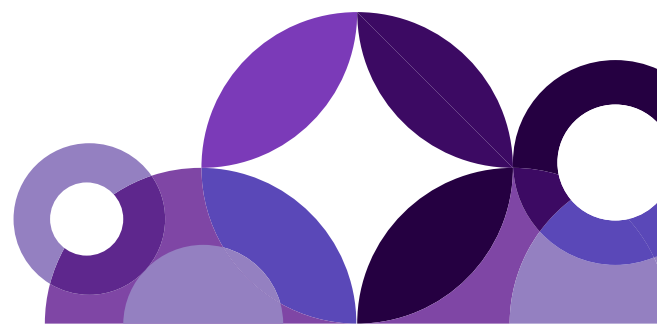


## *Successful Surface Printing Workshop Inspires Varje Students*

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The School of Design organized an engaging two-hour design workshop on the **Art of Surface Printing** specifically tailored for 11th and 12th-grade students from Millenium School in Varje, Pune, on the 25th of September 2023. This enlightening workshop was conducted by two esteemed faculty members, namely, Prof. Dure Shehwar Mohibi and Prof. Pearl Lobo, both experts in the field of Fashion Design.

During the hands-on segment of the workshop, students had a delightful time experimenting with different shapes and their connections to elements found in nature. To conclude the workshop on a creative note, the students enthusiastically participated in printing designs on Muslin Tote Bags, creating a tangible final product that reflected their newfound skills and artistic expressions.





# Campus Life

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## *Bake and Sell: Nurturing Student Learning Through Bakery and Patisserie Sales*

As September ushered in the festive season, Bake and Sell at the School of Hotel Management flourished, offering the school a chance to spotlight its

beloved bakery products, all while witnessing students relishing them with excitement.

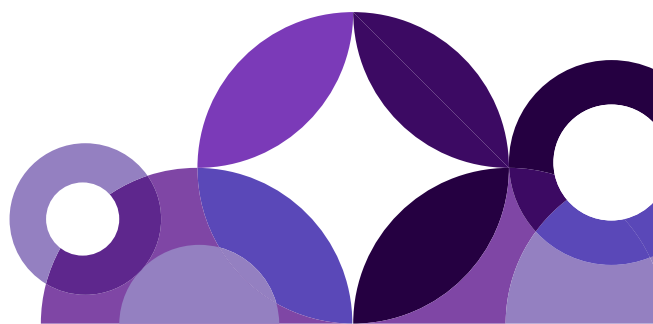
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## *Archiventure 2023 – Unveiling Creative Minds*

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Teacher's Day, a significant occasion in the life of educators, was made memorable by a remarkable gesture from our esteemed Vice Chancellor, Dr. Hridayash Deshpande. He expressed his personal and heartfelt appreciation to all the faculty members of ADYPU through a card that conveyed more than just a simple 'thank you' message.



## *Engineer's Day Celebration Triumphs with Fun and Recognition*

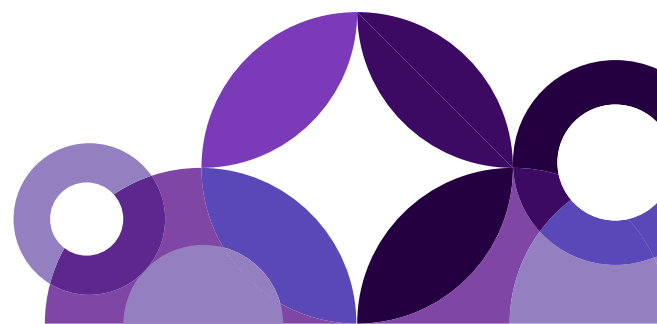
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In the month of October, the School of Engineering orchestrated Engineer's Day, a standout event. The collaboration between SAC faculty and student members played a pivotal role in its execution. The day was filled with entertaining games and culminated in the crowning of Mr. and Ms. Engineer - 2023-24.

In addition to the thrilling competitions, the event recognized outstanding Class Representatives and Deputy Class Representatives who excelled both academically and in their support roles. These students served as a crucial link between faculty and students, offering unwavering support.

The presence of Dr. Biswajeet Champaty, Dean of SOE, and Dr. Ashwini Sowani, Director of IQAC, added significance to the event. They not only motivated the students but also presented awards to the winners and achievers.

In essence, Engineer's Day, celebrated in honor of Sir Mokshagundam Visvesvaraya, a pioneer of Indian engineering marked a special day for engineers.



## ***Smart India Hackathon: School of Engineering Inspires Student Innovators***

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Smart India Hackathon is a nationwide initiative aimed at providing students with a platform to address real-world challenges and cultivate a culture of innovation and problem-solving. At the School of Engineering, we embraced this initiative with enthusiasm, attracting 57 teams to register, with 42 teams participating and 15 teams advancing to the National Level Hackathon.

Dr. Shantanu Kumar Das, Assistant Professor at SOE, played a pivotal role in organizing and successfully executing the Hackathon. This competition not

only deepened students' understanding of topics like rapid prototyping, minimum viable products, and concept validation but also encouraged entrepreneurship and startup development.

Moreover, the competition promoted awareness of specific challenges, offered educational opportunities through workshops and mentorship sessions, and fostered healthy competition, with prizes and recognition for the most innovative solutions.



## ***ADYPU's Student Services in collaboration with the Health Department Organizes Blood Group Test Camp to Promote Safe Donation and Health Awareness***

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In an effort to promote safe blood donation and raise awareness about the significance of knowing one's blood type, Health Department recently organized a Blood Group Test Camp. The event aimed to not only encourage individuals to donate blood but also to inform them about the potential health insights that can be gained through blood group testing.

During the camp, participants had the opportunity to undergo a blood group test, which determined their ABO and RhD blood group status.

The event was led by Dr. Prachit Satav and Registered Nurse Pratima Pakhare, both highly skilled and dedicated healthcare professionals. Their expertise ensured that the blood group tests were conducted accurately and safely, providing participants with reliable results.



## ***Badminton Club Hosts Inter-Department Tournament with 110 Student and Faculty Participants***

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The Badminton Club recently organized an exciting Inter-Department Badminton Tournament that brought together students and faculty members. This thrilling sporting event took place on the 14th and 15th of September and was coordinated by Prof. Ketan M. Deore from the School of Film and Media who also heads the clubs.

The tournament witnessed enthusiastic participation from a total of 110 students and faculty members across various departments of the university. This lively competition not only showcased the

sporting talents within the ADYPU community but also fostered a sense of camaraderie and healthy competition among participants.

The Badminton Club's initiative to organize such events not only promotes physical activity but also strengthens the bonds within the university, reinforcing the spirit of sportsmanship and teamwork. This tournament exemplified ADYPU's commitment to creating a vibrant and engaging campus environment for all its members.



# Research Chronicles

## SCOPUS Publications

Bincang Sains dan Teknologi (BST)  
DOI: 10.56741/bst.v2i02.359

E-ISSN 2961-8746  
P-ISSN 2961-8932



### Supercharge Your Productivity with Artificial Intelligent

Unlocking the Potential of Intelligent Applications

<sup>1</sup>Yang Minghai, <sup>1</sup>Luo Wenqing, <sup>1</sup>Waqar Akbar Khan\*, <sup>2</sup>Amol Kasture,

<sup>3</sup>Shahroz Riasat

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<sup>1</sup>Shandong University of Finance and Economics, China

<sup>2</sup>Ajeenkya DY Patil University-School of Engineering, India

<sup>3</sup>IARE, University of Agriculture, Faisalabad, Pakistan

### Dr Amol B. Kasture

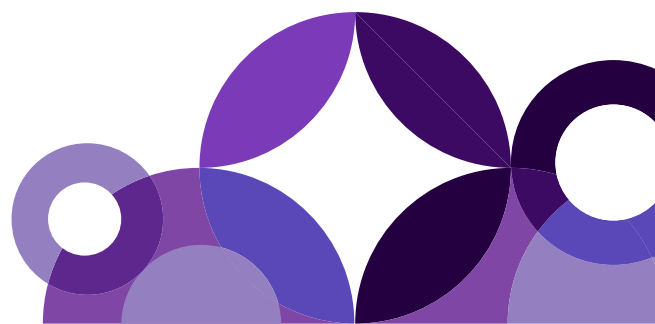
Associate Professor,  
School of Engineering

Dr Amol Kasture from SOE totally jumped the maximum achievements bar in the month of September by publishing papers in reputed SCOPUS-indexed journals, attending various Faculty Development Programs and attaining several certifications as well.

Article published in The Indonesian Institute of Science and Technology Research (IISTR) Indonesian Magazine Journal, Indonesia.

b) Research Paper published in SCOPUS-indexed Tuijin Jishu/Journal of Propulsion Technology.

c) Online Faculty Development on Program Salesforce Platform Developer 1 conducted by ICT Academy from 4th-9th September, 2023.



## Influence of Edge Deletion on Domination Number of $T_n(m)$ and $C_n(m)$ : A Review

Yukti Mahajan<sup>1(a)</sup> and Vishwajeet Goswami<sup>1(b)</sup>

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<sup>(b)</sup>vishwajetgossami.mar01@gmail.com

**Abstract:** Let  $N$  be a finite graph where  $N = (V_N, E_N)$  is an unordered pair of vertices and edges. We shall begin with the precise concept of dominating sets and the minimal dominating sets described over a specific graph. The generalization of the domination number for  $T_n(m)$  and  $C_n(m)$  shall be reviewed and verified in lieu to the result  $\gamma(DN - e) - 1 \leq \gamma(DN) \leq \gamma(DN + e)$ . In this paper the change in domination number with the edge deletion is observed and hence verifying the result. A distinctive approach magnifying the influence of edge deletion on the domination number of certain graphs, precisely  $T_n(m)$  and  $C_n(m)$ .

**Keywords:** Domination Number, Dominating set, Minimal dominating set, Edge Deletion, Graph, Tree

### INTRODUCTION

Domination in graphs was first established in 1969. The term "Dominating set and domination number" are given by Ore in 1962 [2]. Domination issues were examined from the 1950s onwards. In 1977, Cockayne and Hedetniemi published an intriguing and comprehensive review of the data on dominating sets in graphs that were available at that time. They coined the notation  $\gamma(G)$  for a graph's domination number, which has subsequently grown in use. Their survey paper sparked a lot of interest in the study of dominating sets in graphs [3]. In the year 1998, Haynes et al. discussed a number of dominating parameters. Alkhani et al. [4] calculates domination number for several standard graphs. Harezy defines a graph's vertex radius, diameter, and eccentricity in [5].

In graph theory, various graph operations have been studied. Several authors have studied these operations such as domination number, independence number, vertex coloring and so on. It's pleasing to examine what happens to the parameters associated with edges when a novel edge is added or deleted between two non-adjacent vertices of a graph [6].

"If every vertex  $v \in V$  is either an element of  $U$  or adjacent to an element of  $U$ , a set  $U \subseteq V_G$  of vertices in a graph  $N$  which is known as the dominating set. A minimum dominating set is dominating set with the smallest cardinality which will be denoted by  $M(N)$  and the cardinality of that minimum dominating set is known as the domination number which we will represent as  $\gamma(N)$ . The number of vertices in the smallest dominating set is the domination number  $\gamma(N)$ " [7].

In a graph edge can be deleted or added, resulting changes in the domination number. Let  $N = (V_N, E_N)$  be graph. Let  $e$  be an edge  $uv$  and  $u, v$  are adjacent vertices  $u, v$  then  $N + e$  denotes the edge addition to a graph whose vertex set is same as  $V_N$  and the edge set is equals to  $E_N \cup \{e\}$  and if  $e$  be an edge between two adjacent vertices  $u$  and  $v$ , then  $N - e$  denotes the edge deletion to a graph whose set of vertices is same as  $V_N$  and the set of edges is equals to  $E_N - \{e\}$ . A distinctive approach magnifying the influence of edge deletion on the domination number of certain graphs, precisely  $T_n(m)$  and  $C_n(m)$ .

## Dr Vishwajeet Goswami

Associate Professor,  
School of Engineering

Dr Vishwajeet Goswami, another dynamic faculty of SOE who has been setting the accomplishments bar higher has recently published 5 papers in highly reputed Journals. These papers are a result of his constant dedication towards research and his area of study. He also launched a patent in his name. SOE feels extremely glad in showcasing the research initiatives of Dr V. Goswami.

Research Paper published in SCOPUS-indexed journal named **'Advancements in Physical and Mathematical Sciences'**.

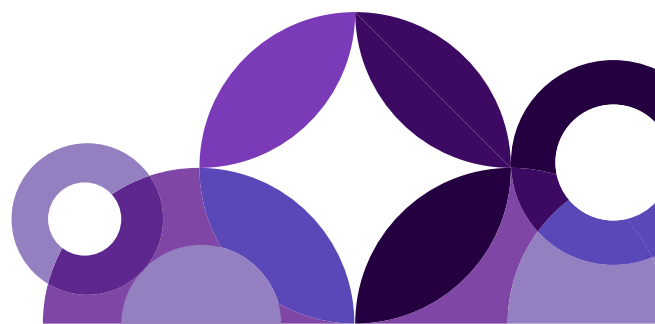
b) Patent Entitled **'Method and System for Remotely Monitoring with IoT Devices to boost Industrial Production'**.



## Dr. Rajasekaran Shanmugam

Dean-Research

Dr. Rajasekaran Shanmugam, Dean-Research, delivered sessions on September 1st, 7th, 13th, 15th, 18th, 22nd, and 29th, 2023, addressing various student groups on the significance of innovative research work, patents, industrial projects, and paper publication. He also highlighted how these endeavors could facilitate master's degree admissions with scholarships at universities abroad.



## Synthesis, Characterizations and Applications of Iron Oxide-Based Nanocomposites

D. B. Roy<sup>1</sup> · A. Varpu<sup>2</sup> · M. Bhandari<sup>3</sup> · T. K. Mandal<sup>3</sup> · S. Das<sup>1</sup>

Received: 25 April 2023 / Accepted: 11 August 2023  
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**Abstract** We have explored iron oxide nanocomposites (IONCs) for various important applications in science and technology. The fabrication of IONCs through thermal treatment, combustion, in situ polymerization, and green synthesis processes has been thoroughly examined. The review also covers the crucial applications of IONCs in the biomedical field, magnetic resonance, wastewater cleaning, and more. Additionally, the study delves into the various characterization methods and properties of IONCs.

**Keywords** Iron oxide nanocomposites · Combustion method · Green synthesis method · Biomedical application · Waste water cleaning

### 1 Introduction

The chemical structure that comprises of iron and oxygen are called iron oxides. There are different forms of iron oxide, e.g., iron (II/III) oxides (magnetite), and iron (III) oxide (hematite/maghemite). Hematite/maghemite, often known as rust, is one of the main forms of iron oxide having reddish-brown color [1]. Due to the concentration and exposure time, the toxicity of iron oxide nanoparticles is changing day by day [2].

A powerful concept of multifunctional nanocomposite materials has recently emerged, as they combine the physical properties of different inorganic materials while also providing a high degree of control over the structure of the resulting nanocomposites [3]. Among all, carbon-based magnetic nanocomposites are having large interest in the applications of catalysis, magnetic separation, water cleaning, and magnetic resonance imaging [4]. In recent investigation, it has been found that iron oxide/carbon composites can be well used as adsorbents as they remove both organic and inorganic pollutants from water [5–8]. Using versatile and eco-friendly combustion synthesis method, nanocomposites of iron oxide/carbon have been prepared to study the characteristics which can further be used in many applications. By extending the time limit of thermal treatment upto 60 min in the absence of air, maghemite or magnetite can be obtained using citric acid as fuel [9].

Among the heavy metal ions like  $\text{Cu}^{2+}$ ,  $\text{Pb}^{2+}$ ,  $\text{Hg}^{2+}$ ,  $\text{Zn}^{2+}$ ,  $\text{As}^{3+}$  and  $\text{Cr}^{6+}$  which are non-biodegradable, and highly toxic,  $\text{Cr}^{6+}$  is most dangerous to environment and human health [4]. Various industrial waters have been found to contain  $\text{Cr}^{6+}$  metal ions, which can have detrimental effects on both the environment and human health. Specifically, exposure to these ions can lead to severe diarrhea, liver damage, and vomiting. Removing hexavalent chromium from wastewater is crucial to maintain an eco-friendly environment and reduce health risks. Therefore, it is essential to take steps toward removing this harmful compound from wastewater [10]. Thus, for efficient removal of  $\text{Cr}^{6+}$  from waste water and deep purification of polluted water, Liu et al. [11] systematically studied the fabrication of manganese dioxide/iron oxide/calcium oxidized multi-walled carbon nanotube magnetic nanocomposites ( $\text{MnO}_2/\text{Fe}_3\text{O}_4/\text{MWCNT}$ ).

Additionally, presence of iron oxide nanoparticles causes the polypyrrole (PPy) composite to form discrete

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<sup>2</sup> Kvaabhi MR Products Pvt Ltd., Pune, Maharashtra 410913, India

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Published online: 08 September 2023



**Dr Debanjali Burman Roy**  
Assistant Professor,  
School of Engineering

Published a research paper titled,  
**“Synthesis, Characterizations and Applications of Iron Oxide-based Nanocomposites”**.

**Prof. Uttam Kumar**  
Assistant Professor,  
School of Engineering

Published a research paper titled,  
**“Design and Development of a Nano-Drone - A real-time UAV”**



**1. Introduction**

Consumer drones have revolutionized the field of aerial photography in several ways. Being just a couple of traditional helicopters with camera rigs at engineering schools in many cases, consumer drones recently have been able to capture traditional helicopters because the cost of ownership of a consumer drone is significantly cheaper than making a traditional helicopter for an aerial photo every time. Unlike traditional helicopters, consumer drones can operate autonomously and being unstaffed means they can be used during the night and in areas where it is not safe to send a pilot. Consumer drones are easy to set up and easy to operate in most cases. Drones with good regulation, their total size is less than 10 cm in height and they are easy to carry, traditional aircraft will have difficulty. As bringing all these advantages to the table, consumer drones study getting into the field of aerial photography much easier and practical by making the technology available to consumers and individual and small scale professionals.

The value consumer drones brought to the field of aerial photography due to several reasons including more maintenance means more time availability, increased to markets of many countries, however, as not many they were not very successful due to the nature of regulations imposed on unmanned aerial systems.

From Fig. 1, most consumer drones for the market weigh greater than 150 g and require registration and permission from authority to operate legally in our country. Larger consumer drones also need significantly more cost making them affordable for consumers, hobbyists or a professional working their space. Therefore, pragmatic work is based on design and development of low cost nano consumer drone having weight less than or equal to 250 g.

**1.1. Literature**

Past work on survey and precision including use of various existing flight control platforms helped in reaching a decision to choose RoboBQ as the flight control platform for the Nano Drone. The survey on available open-source flight control platforms for unmanned aerial vehicles focuses on the key differences in the licensing of the popular flight control platforms, ArduPilot and PX4 [1]. A review on existing groups has led IIMV concludes that autopilots based on open source platforms offer most of the transparency more extensive proprietary autopilots offer [1]. A paper on building a quadcopter based on open

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https://doi.org/10.1007/s12666-023-01886-x

Received: 18 February 2023 / Revised: 10 March 2023 / Accepted: 11 August 2023

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# Ganesha Chaturthi: Journalism and Media Production Students' Journey

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In the midst of the festive fervor, students from the Journalism and Media Production program immersed themselves in the city's joyful crowds to engage in reporting. They covered five revered Ganesha idols located across the city, capturing the essence of the celebrations.

The students skillfully documented the splendid decorations, conducting interviews with various stakeholders, including the police and crowd management team, event organizers, and even politicians seeking the blessings of Lord Ganesha. On the

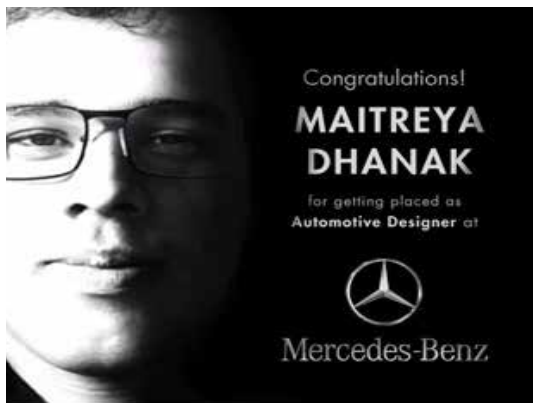
fourth day of Ganesha Chaturthi, the students explored five historically significant idol locations: Kesariwada, Tambde Jogeshwari, Guruji Taalim, Dagdushet Halwai, and Tulshibaugh. They also featured the Bhausahab Rangare Ganpati, India's first social Ganesha idol organization.

Through this hands-on experience, students gained valuable field reporting experience, captured the spirit of the crowd, and deepened their understanding of the intricacies of journalism.



# Career Pathways: Development, Placements, and Internships

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## Maitreya Dhanak

a graduate specializing in Transportation Design from the School of Design (SOD), has secured a prestigious position as an Automotive Designer with the renowned automobile manufacturer, Mercedes-Benz.

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## Asmeet Shirpurkar

who pursued a degree in Transportation Design from the School of Design (SOD), has achieved a significant career milestone by securing a position as a Digital Modeller with KIA, a prominent automotive company.





 **AJEENKYA**  
DY PATIL UNIVERSITY  
THE INNOVATION UNIVERSITY

School of Design

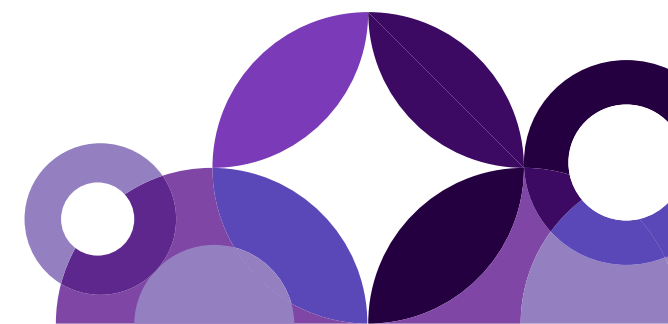
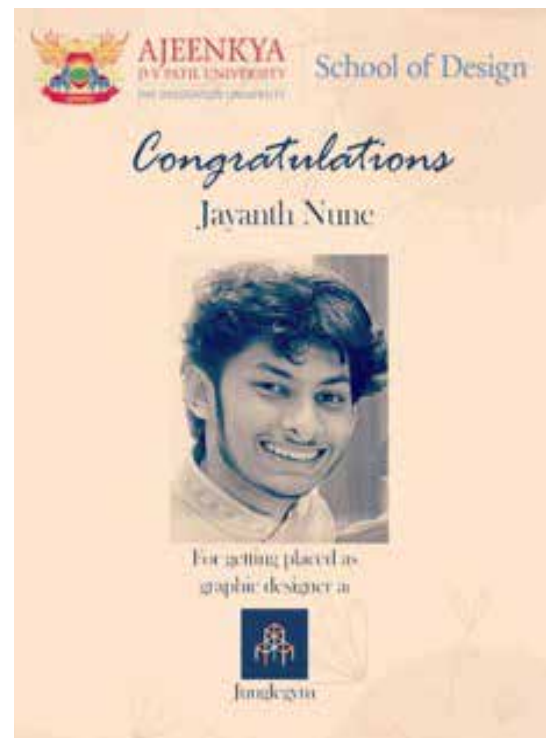
## Abuzar Khan

has successfully secured a role as a Digital Modeller at Hyundai, a major player in the automotive industry.

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## Jayanth Nune

has recently achieved a significant career milestone by securing a position as a Graphic Designer at **Jungle gym**, an organization known for its creative and innovative design work. In this role, Jayanth will be responsible for leveraging his design skills and creativity to contribute to the visual aspects of projects undertaken by Jungle gym.



## ***September's Vibrant Campus Drives: Welcoming Leading Companies***

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Apart from the campus drives, ADYPU played host to several other prominent companies for campus placements throughout September. These included **Josh Technology, Mastek, Newgen Software Technology, Keyence, Fisher Jordan, Arcon, Seclore, FORVIA Faurecia, Wruth IT, Sehej AI Software, Newfold Technology, and DeltaX.** These drives were orchestrated with unwavering enthusiasm and dedication, presenting abundant opportunities for our students to

embark on their professional journeys. Some of these processes are still underway, and we eagerly anticipate more success stories to emerge.

**Placement Update:** At present, a total of **64 students** have successfully secured placements, with some still in the final stages of the process. We take immense pride in our students' achievements and continue to extend our support as they pursue their career aspirations."

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## ***Successful Campus Recruitment Drive by ITC Infotech Brings Exciting Opportunities for Our Students***

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On the 11th of September, ITC Infotech organized a comprehensive campus recruitment drive, providing promising prospects to our highly skilled students. The selection process is currently in progress, and we eagerly anticipate more of our students securing positions within this esteemed organization.

## ***Renault Nissan Campus Drive Yields 12 Job Offers for Our Students***

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On September 9th, Renault Nissan organized a dynamic campus recruitment drive, leading to 12 of our students receiving enticing job offers. This achievement underscores the exceptional skills and potential within our student community.

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## ***JBM's Campus Recruitment Yields 10 Offers to Our Talented Students***

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On September 13th, JBM Conducted Campus Recruitment and 10 Students Secured Offers.

## *Bosch Technology Commences Partnership Talks with Our College*

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On September 4th, Opening Doors to Exciting Opportunities for Students

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## *Telstra's Productive Recruitment Drive*

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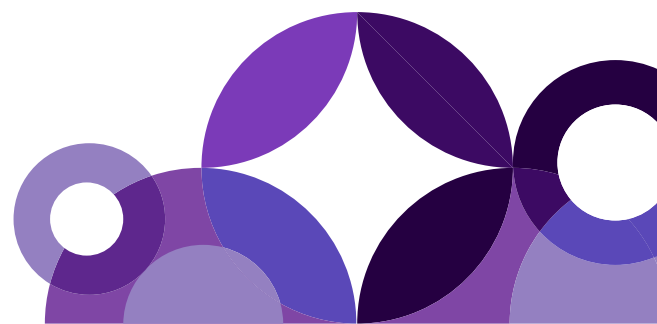
On September 25th, Leads to 8 of Our Students Securing Offers, Awaiting Further Triumphs Ahead.

## *Successful Alumni Share Insights and Guidance for the Telstra Recruitment Process*

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The Training and Placement Cell recently orchestrated an enlightening Alumni Talk, showcasing alumni from the prior batch who have achieved successful placements at Telstra. This session, held on September 8th, 2023, was designed to offer valuable guidance and perspectives to our current

students as they embark on their Telstra recruitment journey. Our accomplished alumni, now excelling in their roles at Telstra, generously shared their experiences and expertise, illuminating crucial facets of the recruitment process.



# Global Connections:

## Collaborations and Partnerships

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### *Successful Collaboration with Sheraton Grand Bund Garden Hotel: Enriching Student Opportunities in Hospitality*

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On Friday, September 1, 2023, Deputy Dean of the School of Hotel Management, Mr. Subhasis Mandal, and Training and Placement Officer, Mr. Nikhilesh Dusane, had a productive meeting with Ms. Nikita Abhyankar, Quality & Training Manager at Sheraton Grand Bund Garden Hotel. The meeting concluded on a positive note, and the key points discussed during the meeting are outlined below.

The primary objective of the meeting was to establish a partnership with the hotel to enhance our academic support, provide assistance in student learning and development, and seek guidance from managers in various hotel departments. This collaboration aimed to create a platform that fosters student development in alignment with hospitality industry standards.

The discussion also revolved around planning various activities and programs both within the school and at the hotel. These initiatives were designed to offer students a deeper understanding of the operations within the Hospitality Sector.

#### **Some of the specific points discussed included:**

- \*Opportunities for students in terms of training and placement within the hotel.
- \*The possibility of resource exchange to facilitate guest lectures for students.
- \*Providing opportunities for students to visit the hotel and participate in live projects.
- \*Offering guidance to students through one-on-one interactions, particularly during assessments.
- \*Future job and career prospects within the Sheraton Grand Bund Garden Hotel brand.

This meeting marked the beginning of an exciting collaboration that promises to enrich the educational experience of our students and provide them with valuable insights and opportunities in the field of hospitality.





# Student's Corner

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## Art Gallery

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### **Shivam Bhardawaj**

SOE, 2nd year,  
B.Tech (AI & DS)

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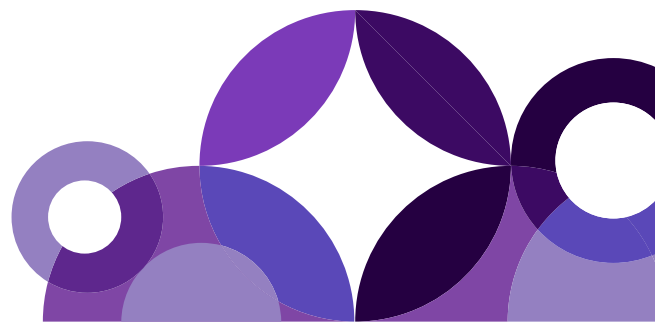
### **Kanishka Saxena**

SOE, 2nd year,  
B.Tech (AI & DS)



### **Vishal Navale**

B.SC Animation and VFX



### “Hope in Distress”

How many days it went by since it felt tragic  
How many nights it went by since it felt hope will reach us through  
witchcraft of magic

Deluding the soul agonizes my joyless mind go calm  
Contradicting my choices like I'm on the brink of river hurts  
my unconscious palm

Observed sorts of people without hopes living in a delusion  
They be happy, they be sad,  
they be unstable all giving themselves into an illusion  
Meaning of life becomes unclear as the fog of melancholy  
maneuvers into our state of mind

Why is it always our mind, always taking a step down and  
just accept loss and stop being kind?

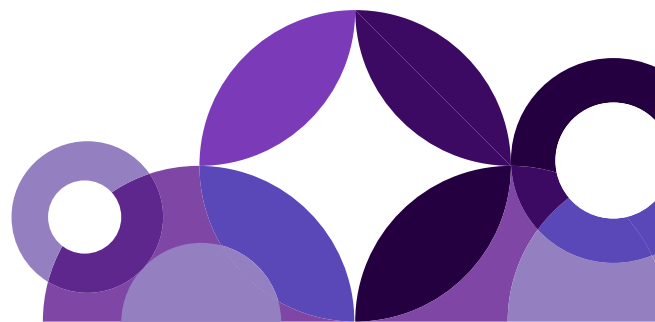
Deep down it's affection and intimacy we all crave for,  
Feeling loved and getting embraced by someone is all we are a slave for  
Still by the nick of time there's always some miniscule amount of hope  
which crawl

How beautiful it is that all we strive for is always within us yet  
with against ourselves we brawl...

---

**Yash More**

pursuing Bsc Game Art and Design in SFM



# Media and Outreach

## The Changemakers of India



**Dr Ajeenkya D Y Patil**  
President of Ajeenkya DY Patil University

**The rapid pace of innovation in the present times calls for new approaches to technology education and new levels of strategic collaboration between businesses and universities**

The educational landscape globally has undergone a profound transformation in recent years, driven primarily by the rapid advancement of technology and the evolving needs of industries and society. In this digital age, the traditional education model is no longer sufficient to equip students with the skills and knowledge they need to thrive in an increasingly complex and interconnected world.

Today's students face challenges and opportunities that were unheard of just a decade ago. The fourth industrial revolution, characterised by the fusion of digital, physical, and biological technologies, has ushered in an era of unprecedented change. This revolution

has disrupted industries, created new job roles, and emphasized the critical role of innovation and adaptability. Keeping this vision in perspective, ADYPU launched Nuovos, a transformational learning experience that delivers advanced interdisciplinary programs for emerging businesses to educate the next generation of creators, game changers and leaders. Combining the application of technology and business needs, it delivers programs that align with your passion and open doors to opportunities in the emerging world.

**EMPOWERING THROUGH EDUCATION**  
The organisation believes that the future is accessible.

## Building a futuristic foundation

Ajeenkya DY Patil University, Pune (ADYPU) is driven to find new solutions and anticipate future challenges. This quest to challenge convention has led them to a ground-breaking initiative known as Nuovos



As the world navigates changes in the economy, technology, and society, a new revolution in education is taking shape. Nuovos is here to be a friend and guide, to help individuals in surviving and thriving in a VUCA world.

**PROVIDING OCCUPATIONAL TRANSFORMATION**  
The rise of new technology is influencing the existing economic and employment landscape. The rate at which it is occurring is unprecedented. Approximately 60 percent of all jobs that exist today won't be there in 10 years' time. The good news is that it is not job losses but job changes. The programs at Nuovos are a powerful combination of an innovative curriculum and industry collaboration. Each program offers a robust learning environment with strong ties to leading industries and institutions. The M. Tech. in Digital Health & Innovation benefits from a partnership with UK's Wales Institute of Digital Information (WIDI). The M. Tech. programs in Infra-

structure and Renewable Energy are shaped by the expertise of global leader IAT EduTech. The M. Tech. in Space Technology programs benefit from associations with Planet Aerospace and Harpy Aerospace, both of which bring substantial space technology practice to the program.

MBA Pro offers students an immersive international experience that sets them apart. With our partners, De Montfort University (DMU) in Dubai, and the Asian Institute of Technology (AIT) in Bangkok, Thailand, students will gain real-world experience through internships with global corporations located in Dubai and Bangkok. They will be privileged to learn from globally acclaimed faculty and experience state-of-the-art learning facilities, fostering a cross-cultural learning experience. The MBA in Digital Health Transformation adds global healthcare expertise through an association with the UK's University of Wales Trinity Saint David (UWTSD).

### HIGH-TECH AND HIGH-TOUCH

Nuovos balances hi-tech educational delivery with personalized, in-person teaching and tutoring, wherein each touch point with a student is used to enhance learning. Learning happens with carefully chosen international faculty and on-campus tutors.

### HYFLEX LEARNING

The Hyflex model integrates face-to-face, online, and on-site learning experiences in service of intended learning objectives. The model actively encourages all learners to be curious and creative. It carefully chooses experiences for their learning potential so that our students practice and deepen emergent skills, encounter novel and unpredictable situations that support new learning, and learn from mistakes and successes.

### FUTURE SMART

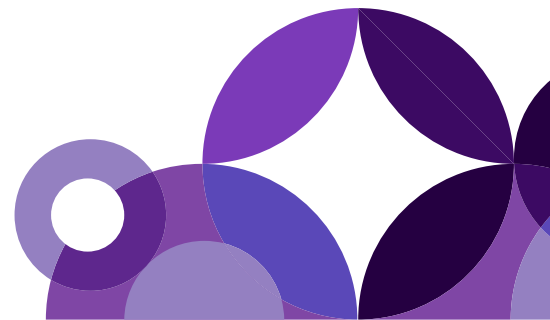
Emerging technologies or future and emerging businesses – that was the ques-

tion. We choose the latter, as technology by itself is useless. It is only useful if you apply it. New technologies are being generated at an unprecedented rate, but not much of it is put to the right use. To get the most out of one of these technolo-

gies, the dots in the puzzle need to be integrated with the application. The right technology and solutions enable businesses to evolve in a few forms. Nuovos unlocks the true power of technology and transforms you to be future-smart.



Ajeenkya DY Patil University Convocation



# Faces of Inspiration

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## *Faculty Spotlight: Prof. Nallur Chandra Prasad Fostering Growth and Innovation at ADYPU School of Design.*

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Professor Nallur Chandra Prasad has played a pivotal role in nurturing growth and innovation at Ajeenkya DY Patil University (ADYPU) through his dynamic contributions. His impact resonates through various dimensions, enriching the academic and creative landscape of our institution.

As the Dean of the School of Design, Prof. Prasad has spearheaded initiatives that enhance academic excellence. His commitment to the highest standards of design education has resulted in a curriculum that equips students with cutting-edge skills, preparing them for

the challenges of the future. Through his role as a mentor and guide, Prof. Nallur has fostered a culture of creativity and critical thinking among students. Under his tutelage, design studio projects have flourished, encouraging students to push boundaries and explore innovative solutions.

Prof. Nallur's leadership in projects such as the SIAM Automotive Design Challenge and the TVS Design Challenge has not only brought national recognition but also exemplified ADYPU's commitment to excellence. These achievements reflect the institution's dedication to nurturing talent and producing design leaders of the highest caliber.

His participation in a faculty exchange program with Kookmin University in Seoul, South Korea, in 2017 has enriched the School of Design's global perspective. This exposure to diverse design philosophies has further broadened the horizons of both students and faculty. Additionally, his engagement with prestigious design studios and renowned auto magazines has bridged the gap between academia and industry. His insights and collaborations bring real-world

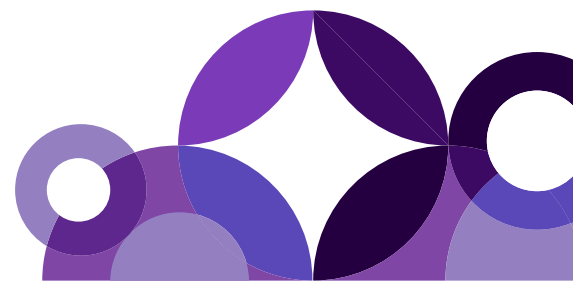
relevance to ADYPU's design programs, ensuring students are well-prepared for their professional careers. His dedication to staying at the forefront of design innovation is remarkable. This commitment keeps ADYPU's design education dynamic and aligned with industry trends.

Prof. Nallur, is affectionately known as 'CP Sir'. Engaging in conversations with him is always a delight - they flow naturally, exuding friendliness, and are sprinkled with his spontaneous humor, sometimes accompanied by a touch of sarcasm that only he can masterfully pull off. Yet, behind his lighthearted banter, his thoughts are meticulously crafted and eloquently expressed.

Beyond his role as a dean, he stands as a genuine leader. He not only provides guidance but also encourages

individuals to find their paths. He consistently supports collective and individual decisions, representing the School of Design at ADYPU with unwavering pride and passion. His presence makes each day at work better, and his serene and composed demeanor sets a standard.

In essence, Professor Nallur has been instrumental in contributing to the growth and development of ADYPU. His unwavering dedication to academic excellence, fostering creativity, and bridging the gap between academia and industry has positioned ADYPU's School of Design as a hub of innovation and learning. His multifaceted approach to design education ensures that ADYPU continues to produce design leaders who make a significant impact in the world of design.



## ***Student Spotlight: Janhavi Gandhe (SOD)***

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Janhavi is a remarkable individual with a natural aptitude for effective communication and a profound passion for the world of design.

Among the distinguished students at the School of Design (SOD), Janhavi stands out as a shining star. Currently in her seventh semester, she is pursuing a degree in product design. Her exceptional academic performance has already earned her a significant scholarship from ADYPU, a testament to her dedication and excellence in her studies.

Janhavi's commitment to her craft is truly remarkable, as she is not only immensely talented but also a diligent workaholic. In her quest for practical experience, she has completed an impressive total of five internships with renowned brands such as Amealio, Indidesign, Spectrum, Sangam, and Travel MG. This diverse exposure highlights her unwavering passion for design.

However, her talents extend beyond the realm of design. Janhavi's sporting

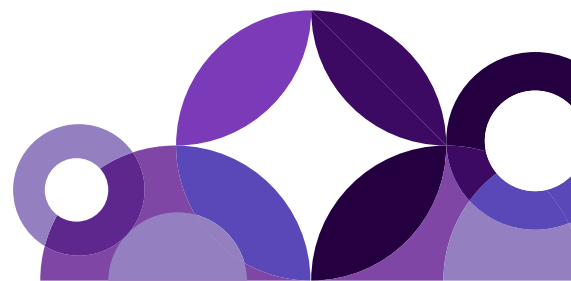
achievements are equally noteworthy. She has an impressive seven-year history in table tennis and three years of experience in basketball during her school years, demonstrating her well-rounded nature.

Janhavi's journey into the world of design is a fascinating one. Although she initially had a foundation in sports, science, and the arts during her school days, her deep-seated enthusiasm for creativity led her to transition into the captivating field of design. Her time at college has been transformative, thanks to the guidance and mentorship of top professionals in the field, including Rahul Raj, Kushal Jadhav, and Shruti Tambakhe. These experiences have played a pivotal role in honing her skills and allowing her to fully embrace the boundless possibilities that design offers.

For Janhavi, design is not just a career; it is a way of life and an artistic medium through which she can give life to her limitless ideas and make a lasting impact on the world.

Recently, her exceptional talent was recognized with the prestigious title of Best Student Designer in the Open category for UI/UX and Product Design. This esteemed accolade was presented by IndiDesign India as part of The Design India Show, India's Best Design Awards 2023, further solidifying her status as a rising star in the world of design.

Janhavi's journey is a testament to her unwavering dedication, diverse talents, and boundless creative spirit, making her a truly remarkable individual in both the academic and design communities.



## ***Alumni Achievement: Dhwanil Gajjar (SOD)***

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Dhwanil, a recent graduate as of 2023, is a remarkable young designer with a bright future ahead. His journey through the Product Design program at the School of Design (SOD) is a testament to his exceptional talents and unwavering dedication.

From a young age, Dhwanil displayed a natural talent for drawing. His love for sketching was evident as he would often be found immersed in his sketches, adorning the pages of his schoolbooks with intricate lines and shapes. His artistic passion led him to explore portrait sketching, allowing him to refine his creative abilities even further.

However, Dhwanil's talents weren't limited to the world of art alone. During his school years, he made a significant impact in the field of sports, particularly in the realm of skating. His commitment

and dedication to the sport earned him several accolades, including the prestigious non-stop 4-hour skating award, which underscored his remarkable endurance and determination.

It was during this phase of his life that Dhwanil was introduced to the captivating world of design by some of his mentors. This introduction sparked a newfound interest in him, leading him to embark on a journey into the field of automotive engineering. He pursued a diploma in automotive engineering at Dr. S & SS Gandhi College of Engineering and Technology College, where his dedication and hard work culminated in his achievement as the top-ranked student in his class.

Despite excelling in engineering, Dhwanil remained true to his passion for art and design. This unwavering commitment led him to ADYPU-SOD (formerly DYPDC), a prestigious institution renowned for its excellence in automobile design. Here, he delved into the captivating world of industrial design under the guidance of experienced mentors and professors, including Mr. Koos Eissen, Bhavin Mali, Kushal Jadhav, and Chandra Prasad Nallur. It was here that he discovered the boundless possibilities of design within the automotive industry.

Among his mentors, Kushal Jadhav played a pivotal role in shaping Dhwanil's journey. His constant

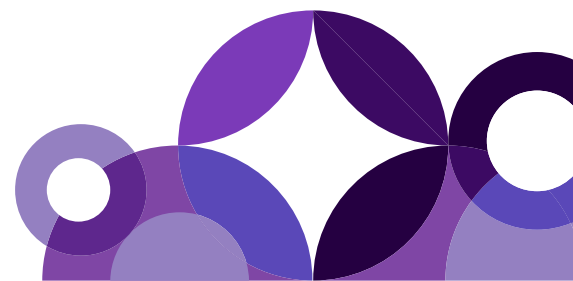
guidance and encouragement propelled Dhwanil to create an award-winning project at the Automotive Design Awards (ADI), showcasing his exceptional talent and dedication.

Dhwanil's journey took a daring turn when he decided to switch courses at DYPDC. Over four years, he continued to excel under the mentorship of his guides, ultimately achieving the remarkable distinction of being the runner-up at the ADI awards. This recognition underscored his commitment to innovative design and his dedication to reaching new heights in his field.

His journey reached its zenith when he secured an internship at Titan, providing him with valuable insights into the world of watch design under the mentorship of Mr. Anand Yogi and Mr.

Arush Agarwal. His creativity and dedication shone through as he contributed to various collections. This exceptional journey culminated in Dhwanil securing a coveted position as a senior executive designer at Titan, a testament to his extraordinary talent and dedication.

From his early days of sketching to becoming a top-ranked diploma holder, winning accolades at ADA, and securing a prestigious role at Titan, Dhwanil's journey is an inspiring testament to the heights one can achieve when passion meets dedication. His story serves as a beacon of inspiration, reminding us that with unwavering determination, hard work, and an unwavering pursuit of our passions, we can overcome challenges and attain greatness. Dhwanil's journey is a testament to the incredible heights one can reach when passion meets dedication.





# Accolades & Accomplishments

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## Faculty Awards

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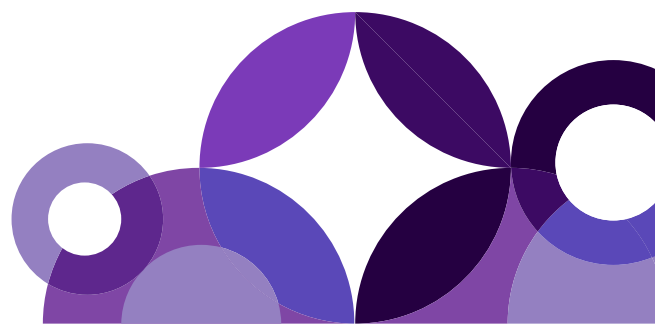
### Dr Kirti Longani

Assistant Professor, School of Management

Dr Kirti Longani was selected as the recipient of the prestigious Academic Excellence Award for the year 2023 by the esteemed Lexicon Group of Institutes. The award ceremony, a momentous occasion, took place on the 5th of September 2023.



This recognition represented the culmination of years of hard work, dedication, and a relentless pursuit of academic excellence. Being honored by the Lexicon Group of Institutes was truly an achievement deeply cherished.



## Students Achievements

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### Students Secure Prestigious Internship with IEEE Bombay Section, Guided by Dr. Ranjit Kumar

Two of our final-year students, Ms. Shruti Gajipara and Mr. Amey Sawant, specializing in CSE-AI, have achieved an impressive milestone by securing positions in a fully-funded internship program with IEEE Bombay Section. This internship marks a significant advancement in their academic and professional journey, and we eagerly anticipate their contributions in these roles.

These students excelled under the expert guidance and mentorship of Dr. Ranjit Kumar, Assistant Professor at the School of Engineering.

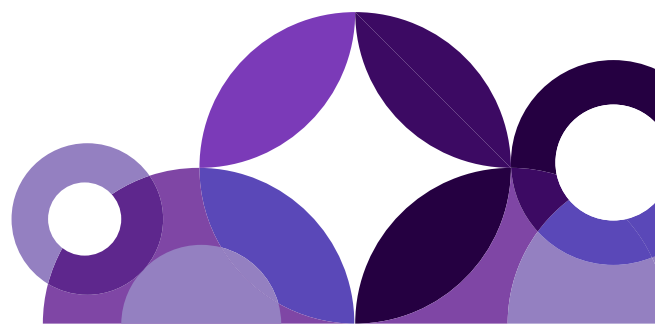
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## Students Achievements

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### 7th-Semester Engineering Students Earn Oracle Certified Foundations Associate Recognition under Dr. Amol Kasture's Leadership

Under the guidance of Dr. Amol Kasture, a diverse group of 7th-semester engineering students achieved a significant milestone by receiving the **"Oracle Certified Foundations Associate - Certificate of Recognition"** from Oracle University.



# Media:

## Design & Photography

### Credits

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**Devanand Wankhade**  
Art Director



**Lokesh A Vighare**  
Sr. Graphic Designer



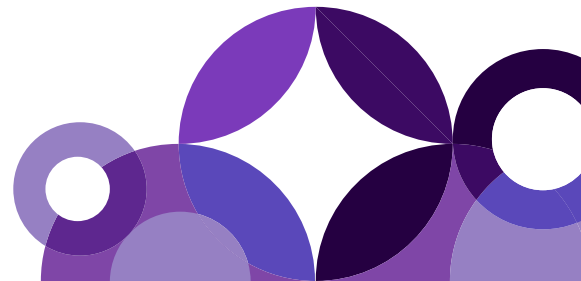
**Vishal Marathe**  
Sr. Graphic Designer



**Abhilash Naigaonkar**  
Video Editor



**Sunny Mathew**  
Video Editor





**AJEENKYA**  
D Y PATIL UNIVERSITY  

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