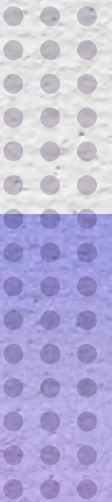


# ADYPU NEWSLETTER

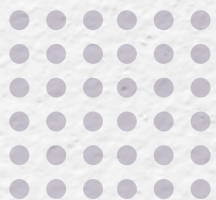
Leading  
the way in  
Innovative  
Education



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



**JUNE 2024**





## EDITORIAL MESSAGE

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Dear Readers

As we step into the final phase of summer, I bring you the latest updates and highlights in our June edition. This month, we celebrate a season filled with growth, learning, and community spirit at ADYPU.

With summer nearing its end, enriching summer internships were in the process. These experiences not only bridge the gap between academic knowledge and real-world applications but also empower students to carve out their professional paths with confidence and competence.

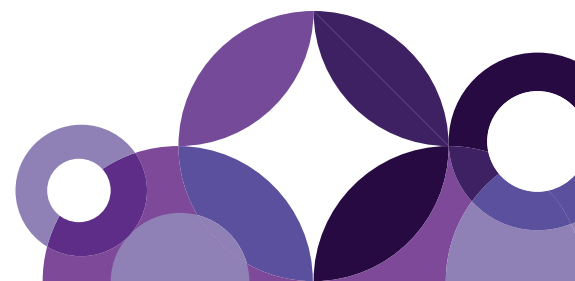
June also marked our vibrant celebration of International Yoga Day. It was heartening to see faculty, and staff come together to embrace the holistic benefits of yoga, fostering physical well-being and mental tranquility.

Additionally, this month has been significant with numerous successful placements. Our graduates are stepping into their careers with reputable organizations, a testament to their hard work and the robust education system at ADYPU. We extend our heartfelt congratulations to all the students who have secured their dream jobs and internships.

As always, our focus remains on providing an environment that supports academic excellence, personal growth, and professional development. We look forward to a new academic year filled with more achievements, learning opportunities, and shared successes.

Thank you for being a part of our journey. Let's continue to inspire and support one another as we move forward.

Warm regards,  
The Editorial Board





## Sukhvinder Multani

Editor and Deputy Dean - Research  
Ajeenkya DY Patil University

### FACULTY EDITORIAL BOARD



**Dr. Samina Waglawala**  
Assistant Professor,  
SOE



**Dr Esha Bansal**  
Assistant Professor,  
SOM



**Prof Apoorva Gandharve**  
Assistant Professor,  
SOD



**Prof. Swati Raja**  
Assistant Professor,  
SOL



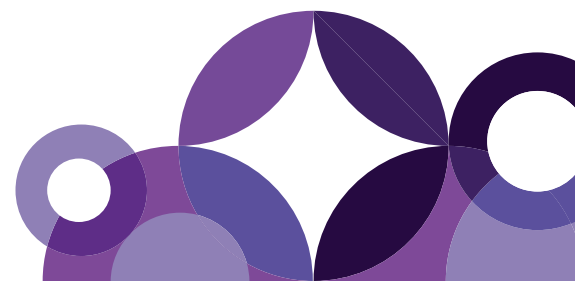
**Dr Samadhan Nikumbh**  
Assistant Professor,  
SOLA



**Prof Shital Golhar**  
Assistant Professor,  
SOA



**Priya Abraham**  
Dean  
Student Services  
Division





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& Placements**

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# Academic Highlights

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Assistant Professor Amol Marathe from the School of Management (SOM) attended a 5-day online international workshop titled "**How to Write a Thesis,**" organized by GOMSGURU Academy, Bangalore, from June 3 to June 7, 2024. The workshop aimed to equip participants with essential knowledge, skills, and strategies for

planning, research, structuring, and writing a comprehensive thesis. Additionally, it sought to empower participants with the confidence and competence needed to produce high-quality theses that meet academic standards and make meaningful contributions to their respective fields of study.



**GOMSGURU ACADEMY**  
Bangalore - 560 064

## **CERTIFICATE OF PARTICIPATION**

Proudly present to

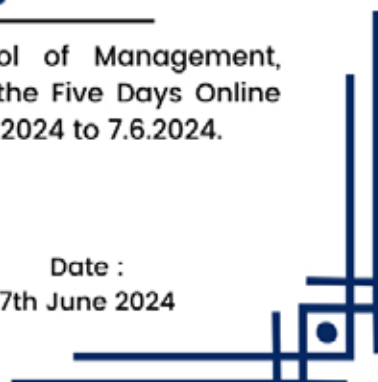
**Amol Marathe**

Assistant Professor, Department of Marketing, School of Management, Ajeenkya D Y Patil University, Pune for participating in the Five Days Online International Workshop on How to write a Thesis from 3.6.2024 to 7.6.2024.

**O. Gomathi**  
Director

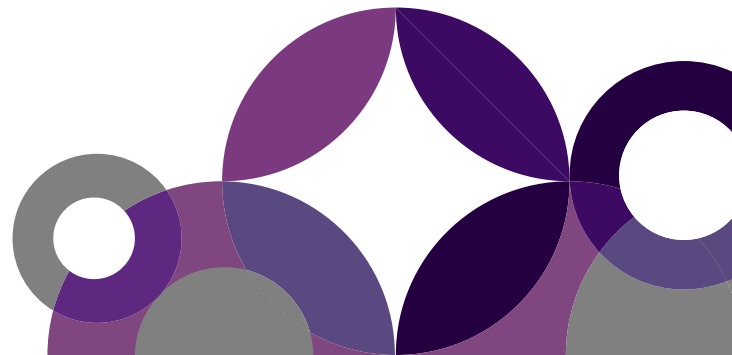


Date :  
7th June 2024



Prof Amol Marathe also attended a 3-day online short-term training program (STTP) on **Advanced Excel, Power BI & Tableau** organized by the Department of MBA at Sanjivani College of Engineering, Kopargaon, Dist-Ahmednagar, from May 26 to May 28, 2024. The program aimed to provide participants with hands-on experience

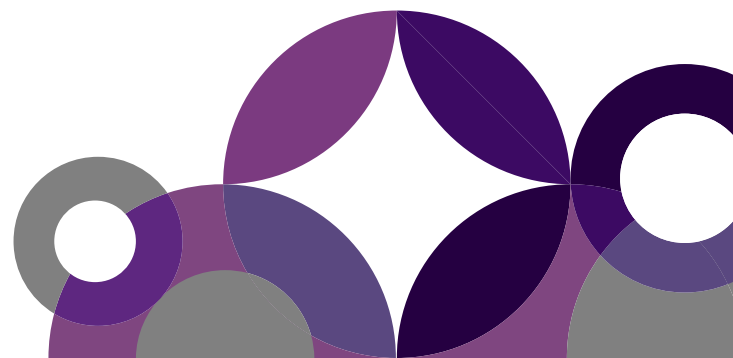
and proficiency in using Advanced Excel, Power BI, and Tableau for data analysis and visualization. It focused on developing skills in data manipulation, creating insightful visual representations, and leveraging advanced functionalities to extract meaningful insights from data.



## Visit to Sustainable Village in Bali

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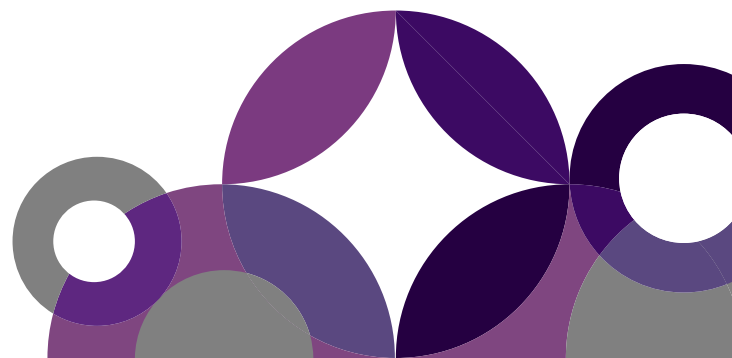
A visit to Penglipuran Village in Bali was organized on 26 May 2024 for the students by School of Management. The village stands as a testament to the power of community and the profound impact of collective environmental consciousness. For students, it provided an enriching experience, offering both aesthetic pleasure and valuable lessons in sustainable living.



## Design Research Methodology Workshop at IIT Guwahati

Prof. Apoorva Gandharve from the School of Design recently attended an 8-day intensive DRM Gurukooll workshop at the Indian Institute of Technology, Guwahati, from June 15 to June 22, 2024. During this workshop, she delved deep into the intricacies of the Design Research Methodology (DRM) framework, learning from esteemed faculty and experts from IISc, IITs, and NID. The workshop covered essential DRM modules and their effective implementation. Prof. Gandharve presented the application of her learnings to experts and participants each day.

It was an honor for Prof. Gandharve to represent Ajeenkya D Y Patil University at this event, which included participants from IISc and various IITs across the country.





## Webinar: Economics Adventure - Money Market & Decision Making

---

On June 21, 2024, at 11 am, the School of Liberal Arts hosted an enlightening webinar on Zoom titled **Economics Adventure: Exploring the World of Money Market and Decision Making**. This interactive session unraveled the complexities of the money market and strategic decision-making in economics. Experts Prof. Bindiya Naik and Dr. Amit Jadhav led the discussion, offering valuable insights into navigating financial landscapes. Participants had the opportunity to broaden their understanding of economic principles and their practical

applications, experiencing a stimulating exploration of economic dynamics and enriching their knowledge.



## International Webinar on World Environment Day

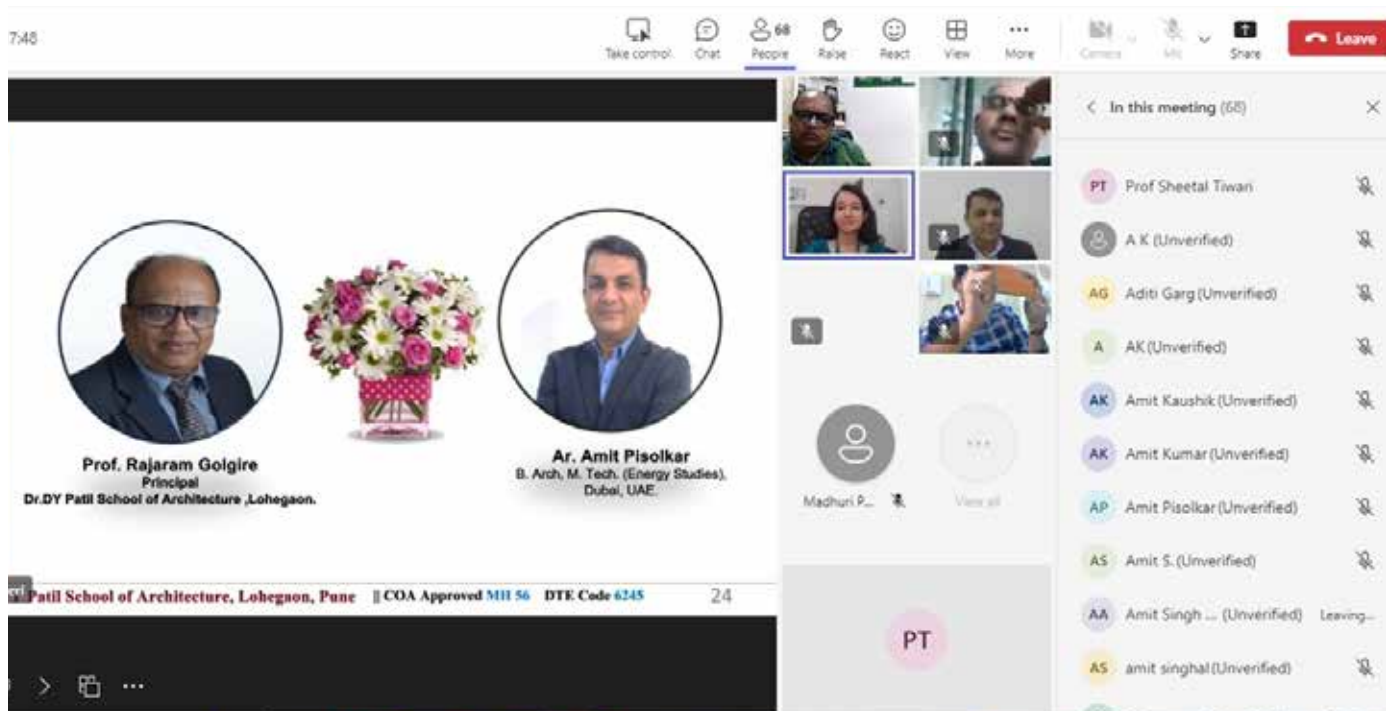
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On June 5, the D Y Patil School of Architecture hosted an international webinar in celebration of World Environment Day, attended by over 70 participants. This year's theme was **Land Restoration, Desertification, and Drought Resilience**. Ar. Amit Pisolkar, a practicing architect in Dubai, UAE, was the guest speaker, addressing contemporary developments on this theme.

Key highlights included discussions on current environmental issues and solutions for land restoration. The event aimed to inspire and raise awareness among future architects to take action

in safeguarding the environment. The initiative received an overwhelming response, and participants concluded the session by pledging to contribute to environmental preservation.





## Faculty Development Program on Resilient Habitats

Faculty Development Program, **Resilient Habitats: Rethinking Design in the Context of Climate Change** was held from June 10 to June 14, 2024. Prof. Amit Shirke and Prof. Sheetal Tiwari participated in the FDP. The program focused on climate resilience and adaptability under the themes of landform and ecology, cultural landscapes and planning, urban design and resilience, heritage management, and climate-responsive built forms.

**Key Highlights:** The faculty members gained a thorough understanding of the relationship between habitat resilience and climate change. They also

developed the capacity to recognize and assess climate risks and integrate resilient design principles into planning and execution processes.



## ***SOE's BioFrontiers Program Engages High School Students in Advanced Biotech and Biology***

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From June 3 to June 14, 2024, the School of Engineering (SOE) successfully conducted the 10-day BioFrontiers Program, targeting 9th to 12th grade students. This intensive program covered various topics, including Industrial Biotechnology, Cancer Biology, Bioinformatics, Python programming, and Molecular Biology. The BioFrontiers Program aimed to inspire and equip young minds with the tools and knowledge needed for future scientific endeavors.

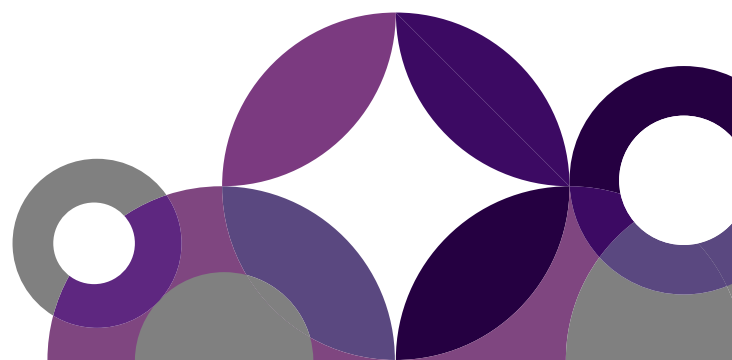


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## ***Robotics Session in EIC Lab***

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On June 5, 2024, Dr. Ipsita Swain and Dr. Ravi Gandhi led an insightful Robotics session in the EIC Lab at the School of Engineering's Engineering and Innovation Center (EIC). This event highlighted EIC's commitment to offering advanced educational opportunities and fostering technological innovation.

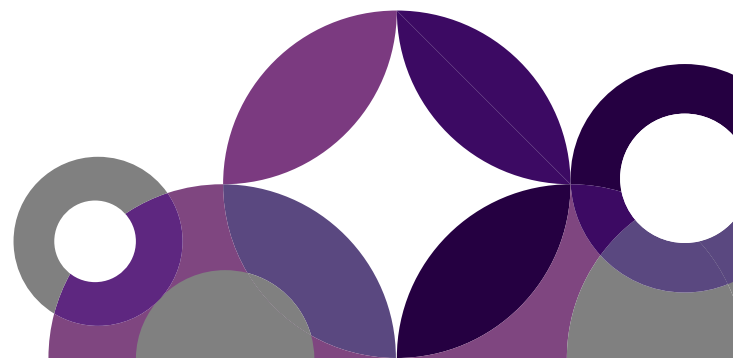


## Full Stack Development Training at Apple Lab

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School of Engineering (SOE) recently conducted a comprehensive Full Stack Development training program at its state-of-the-art Apple Lab on June 6, 2024. Utilizing the advanced resources and equipment available at the Apple

Lab, the program ensured a robust and immersive learning environment, preparing students for careers in the rapidly evolving field of web development.



# Campus Highlights

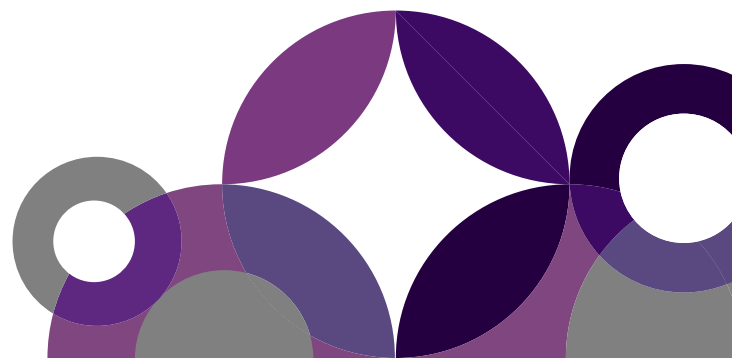
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## *ADYPU's Energizing Celebration of International Yoga Day*

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On June 21, 2024, the Student Service Division organized **Yoga for Self and Society** on the occasion of International Yoga Day with a focus on promoting physical and mental well-being.

Ms. Sandhya Singh from Fitness Mantra was the guest and instructor who led Staff members in practicing yoga, meditation, and breathwork. The session highlighted the benefits of regular yoga practice for internal organs like the intestines, stomach, and respiratory system, as well as external features such as nails, hair, skin, and vision. Participants learned about the importance of flexibility, breath control, and proper diet in maintaining good health. The instructor guided them through basic yoga mudras, various asanas, and emphasized the daily practice of Surya Namaskar, making the session both educational and rejuvenating for all involved.



# Research Milestones

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## School of Engineering



Dr Vishal Shirsath published a research paper titled **Lung Cancer Detection, Prediction and Analysis of Lifestyle Parameters using ML and AI Techniques** in the International Journal of Intelligent Systems and Applications in Engineering.

Paper ID - IJISAE\_24/05\_2805

Journal ISSN - 2147-6799



Dr. Shankar Khade (SOE) edited a book titled **Future in AI in Biomedicine and Biotechnology** published by IGI-Global Publications in the month of June, 2024. Various contributors included Dr Susanta Das, Dr Aishwarya Dash, Dr Ranjit Kumar, Prof. Pooja Dehankar, Prof. Marwana Syed, Prof. Smita Shahane, Prof. Nikhil Mane and Dr Manavi Gilotra and students from the School of Engineering.

DOI: 10.4018/979-8-3693-3629-8

ISBN: 9798369336298



### Lung Cancer Detection, Prediction and Analysis of Lifestyle Parameters using ML and AI Techniques

Sarika Davare<sup>1</sup>, Vishal Shirsath<sup>2</sup>, Farook Sayyad<sup>3</sup>

Submitted: 11/03/2024    Revised: 26/04/2024    Accepted: 03/05/2024

**Abstract:** Cancer poses a significant threat to human life, often diagnosed in later stages, highlighting the crucial need for early prediction. Literature extensively explores Machine Learning, Data Mining, and Artificial Intelligence techniques for the identification, classification, prediction, and detection of various cancers like lung, breast, prostate, skin, liver, and recurrence cancer. Predictive models rely on vast datasets for cancer prediction. Lung cancer's development is closely tied to lifestyle factors such as smoking, air pollution, and diet imbalance, emphasizing the potential of lifestyle indicators in early detection. A study focuses on constructing a model using lifestyle data to predict lung cancer and categorize its severity. Basic lifestyle parameters are initially examined, and if lung cancer potential is indicated, a second component of the model further analyzes each parameter to predict cancer level. Various Machine Learning techniques including Support Vector Machine, Logistic Regression, and Linear regression are applied to predict lung cancer risk and level with analysis of prediction using AI techniques. SVM emerges as the most effective classifier for predicting lung cancer risk based on lifestyle factors, while linear regression is optimal for total risk score prediction. Additionally, gender- and age-specific lifestyle parameters contributing to lung cancer are identified. The study's preliminary phase employs logistic regression and Support Vector Machine to predict lung cancer, achieving high accuracies of 94% and 90% respectively. The subsequent component utilizes SVM, Random Forest, KNN and Linear Regression to estimate cancer malignancy levels, with accuracies reaching 98%, 96 and 97% respectively. The study aims to predict lung cancer early using lifestyle data, offering insights into risk factors and preventive strategies.

**Keywords:** Artificial Intelligence, Lifestyle, Lung Cancer, Machine Learning, Prediction



# School of Management



Dr Kirti Longani published an Empirical Research Paper titled, **Marketing Organization Tactics in the Selected Supermarkets in Pune city** Published in Journal of Engineering and Technology Management 72 (May 2024) (Scopus)

by Karnavati University, features an e-book with an ISBN of 978-81-971039-7-1.

The paper, authored by Rupesh Anand Gajbhiye, focus on improving typography education by integrating traditional practices with modern digital tools and research-led approaches. It emphasizes the importance of evidence-based teaching to enhance student learning and inclusivity in design. Additionally, it discusses the integration of cognitive science with design education to improve legibility and comprehension in visual communication.

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# School of Design



Prof. Rupesh Gajbhiye from SOD published a research paper titled **Integrating Evidence and Innovation: Enhancing Typography Education for the Digital Age** in the conference proceedings of **Research and NEP, 2020: Current Trends and Future Prospects**. The conference was hosted

## Integrating Evidence and Innovation: Enhancing Typography Education for the Digital Age

Rupesh Gajbhiye  
Research Scholar, Karnavati University, Gandhinagar  
i.m.rupeshgajbhiye@gmail.com

### Abstract.

*The paper underscores the integration of cognitive science and design insights into the typographic curriculum, asserting the importance of typeface psychology on legibility and comprehension to elevate visual communication's efficacy. It further advocates for active learning and ongoing critique, key for refining typographic abilities. Further, it accentuates the significance of modern tools and data analysis in typography training, ensuring students' proficiency with contemporary digital tools and user engagement strategies. The discussion extends to the need for creativity and broad perspectives in typography education, promoting cultural sensitivity and historical understanding. The educational approach advocated here is informed and immersive, preparing students for design excellence.*

**Keywords:** Inclusivity in Design, Research-led Typography, Visual Communication, Cognitive Science Integration, Digital Tools Proficiency.

### 1 Introduction

Current developments in teacher education highlight the importance of evidence-based practice as a way of linking research and practice in teaching (Cutspec, 2004; Bauer and Prenzel, 2012). For visual design students designing a new font or typeface is always very challenging and overwhelming. How to start and how to come up with a unique look and feel for the typeface is critical and challenging. As highlighted in Kilic,

# School of Liberal Arts



## Research Paper on Cooperative Movement in Maharashtra

Dr. Amit Jadhav, Asst Prof SOLA has published a research paper titled **The Evolution of Cooperative Movement in Maharashtra towards the Economy**, which was presented at the national conference **Viksit Bharat towards a Creative Economy**. Featured in the peer-reviewed UGC CARE journal, Juni Khyat (ISSN 2278-4632), the paper examines the evolution of Maharashtra's cooperative movement from the early 20th century to the present. Dr. Jadhav's work highlights the movement's impact on marketing, social services, credit, and agro-processing in agriculture, supported by both quantitative and qualitative data. The paper concludes with recommendations to address current challenges and ensure ongoing growth, significantly contributing to the understanding of cooperative movements and their economic influence in Maharashtra.





# School of Law



**Prof Swati Raja** attended a 5 Day National Level Faculty Workshop Cum Faculty Recharge Programme on **Innovative Teaching Strategies and Tools in the Digital Age** conducted by PROGREZZ ACADEMIC TRAINING & RESEARCH INSTITUTE, Tamil Nadu from 19.06.2024 to 23.06.2024.

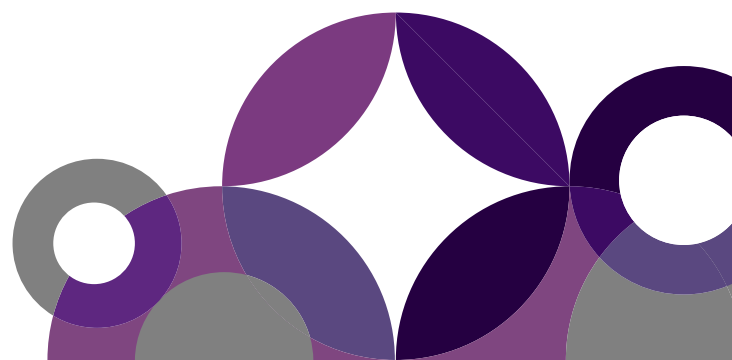
It aimed to empower educators with cutting-edge methodologies and technologies for effective teaching. This program focused on integrating digital tools to enhance student engagement and learning outcomes. Participants explored various innovative teaching strategies, such as blended learning, gamification, and the use of AI in education. The workshop also provided hands-on sessions for faculty to practice these new techniques, ensuring they are well-equipped to meet the demands of modern education.





Prof. Bhanu Varma , Head Examinations co-authored a paper titled **Aligning Assessment Methods with Cognitive Levels: An Analysis of Question Paper Design Using Bloom's Taxonomy and Students' Performance in Private Universities**. This paper was presented at the Shodh Shikhar International Research and Innovation Conference held at RNTU Bhopal in May 2024.

The certificate is framed in purple and pink. At the top left is the 'विकसित भारत अभियान' logo. At the top center is the 'RNTU Rabindranath TAGORE UNIVERSITY' logo. At the top right is the 'शोध शिखर 2024' logo. The main title 'शोध शिखर 2024' is in large purple and pink font, with 'International Research & Innovation Conference' below it. The dates '3<sup>rd</sup>-4<sup>th</sup> May, 2024' are in a red box. The title 'Certificate of Participation' is in a large, elegant font. The text certifies Prof. Bhanu Varma from Ajeenkya D Y Patil University, Pune, for presenting a research paper on 'Aligning Assessment Methods with Cognitive Levels: An Analysis of Question Paper Design Using Bloom's Taxonomy and Students' Performance in Private Universities' at the conference. The conference theme is 'Shodh Shikhar 2024: Progression from Developing to Developed India'. Three signatures are present: Dr. T. Ravi Kiran (Convener), Dr. Vijay Singh (Registrar, RNTU), and Prof. Rajni Kant (Vice-Chancellor, RNTU). The bottom of the certificate features a row of logos for various institutions and organizations, including SBI, ASA, IISHRAE, and several universities like RNTU, Dr. C.Y. Bhanu University, and AISECT.



# Students Corner

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## *ADYPU Secures 2nd Position in International Debate Competition*

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We are thrilled to announce that Ajeenkya DY Patil University (ADYPU) has proudly secured the 2nd position in the prestigious International Debate Competition held on June 10, 2024. This remarkable achievement is a testament to the dedication, hard work, and exceptional talent of our debate team.

The competition, which featured participation from numerous esteemed institutions, provided a platform for students to showcase their debating prowess on a range of contemporary and challenging topics. ADYPU's team demonstrated outstanding critical thinking, eloquence, and persuasive skills, earning accolades from judges and competitors alike.



## *ADYPU Students Shine on Global Stage with Prestigious Awards*

---

Students from SOM have made waves on the global stage by earning prestigious awards in an international competition. The remarkable achievements of these students highlighted their contributions and impact, with wins in three distinct categories: Insta Reel Competition, Vertical Movie Competition, and Opinion Writing.

*The*  
*Winning*  
students are



**Mr. Sahil Mungse**



**Ms. Harsha Sharma**



**Ms. Karishma Sharma**



**Mr. Arya Prithvijit**

## ***Pranjal Nandankar Achieves IGBC Accredited Professional Certification***



Pranjal Nandankar, a second-year student pursuing a Master's in Environmental Architecture, excelled in the Indian Green Building Council Accredited Professional Examination (IGBC). She successfully obtained the IGBC Accredited Professional certification and received her certificate on June 15, 2024. Congratulations to Pranjal on this achievement, and we wish her the best in her future endeavors.



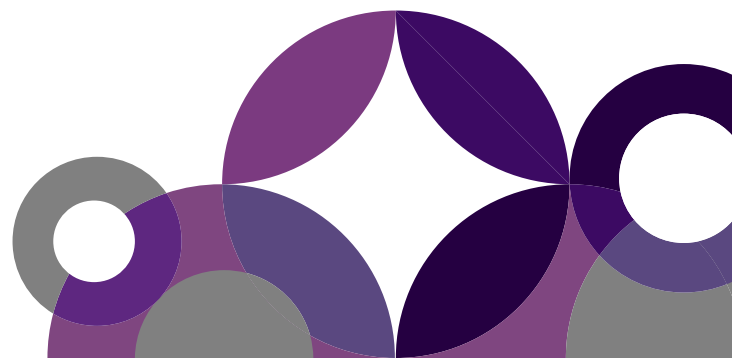
# Career Pathway & Placements

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## *Anushree Lad Joins Studio ST by Shambhavi as Junior Designer*

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Anushree Lad, a B. Des Fashion Design graduate, was recently hired by Studio ST by Shambhavi as a Junior Designer in June, following her exceptional performance as a design intern. Her role includes designing and conceptualizing print designs for a variety of applications, such as apparel, homeware, packaging, and tableware. Additionally, she is a key member of the digital team, contributing to the enhancement of digital design projects. Anushree collaborates with the team to create cohesive design collections that align with the studio's vision and meet client needs.



## ***Successful Campus Placement Drive by Apex Fund Services***

---

We are thrilled to announce the successful completion of the Campus Placement Drive by Apex Fund Services for our MBA Finance students at the School of Management in the month of June. This drive provided a fantastic opportunity for our students to launch their careers with a leading financial services company.

*Congratulations*  
*to the four selected students*



**Avni Kankar**



**Sibani Pradhan**



**Nitin Kumar**



**Aditya Kulkarni**

# Alumni Engagement

## Alumni Ar. Sajan Indore Speaks at Saturday Club Global Trust Global Trust Launch

The School of Architecture is proud to announce that our alumnus, Ar. Sajan Indore, proprietor of SIRI Architects, was invited as a speaker at the grand launch of the Saturday Club Global Trust, Punyanagari chapter, on June 14, 2024. He shared his success story of completing over 100 architectural and design projects. The trust's mission is to channel the immense talent and

integrity of the Maharashtrian community into entrepreneurship. We extend our warmest wishes to him on his journey.

**Key Highlights:** The primary objective of the event was to create personal, social, and national wealth and employment through entrepreneurship.





## *A Moment of Pride for School of Architecture Alumni*

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Heartiest congratulations to Major P Zahoor Gul, a 2018 graduate of DYPSOA (School of Architecture), who was recommended for the Indian Army immediately after graduating. Following his training at the esteemed Indian Military Academy, Dehradun, Major Gul was commissioned into the 102 (VC) Engr Regt, one of the Indian

Army's oldest battalions under the Bombay Sappers banner. On June 11, 2024, Major Gul was promoted to the rank of Major and currently serves as an Assistant Garrison Engineer (Independent) in Bihar with the Military Engineering Services. We wish him continued success and growth in his dedicated service to the nation.



# Awards and Accolades

Dr. Kirti Dang Longani , Prof SOM was felicitated by the Vice Chancellor on June 10, 2024, for receiving an A grade in the Faculty Transcript for academic, research, and service contributions to the university for the academic year 2023-2024.



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D Y PATIL UNIVERSITY UNIVERSITY

## Certificate

This is to facilitate Dr. / Prof. Prof. Kirti Dang

from School of School of Management for securing **A Grade**

in the Faculty Performance Transcript for Even Semester for Academic Year 2023-24.

This grade reflects on the consistent performance in achieving the excellence in the Academic Delivery at **Ajeenkya DY Patil University**.

We wish him/her success in their future journey with Ajeenkya DY Patil University

*Hridaysh*

**Prof Hridaysh Deshpande**  
Vice Chancellor

MN013

## MEDIA: DESIGN & PHOTOGRAPHY CREDITS



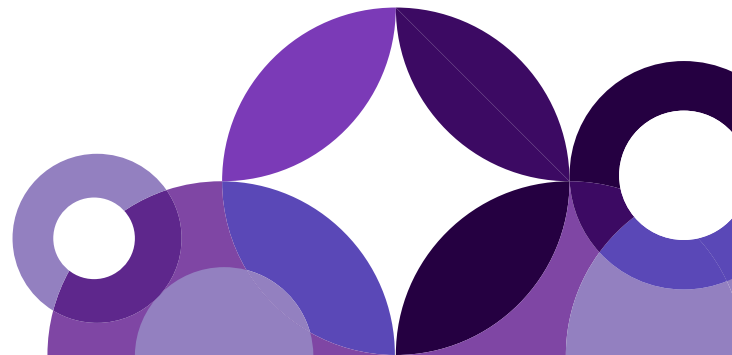
**Devanand Wankhade**  
Art Director



**Lokesh A Vighare**  
Sr. Graphic Designer



**Raghi Joshi**  
Event Manager





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**Designed by: ADYPU Media Team**

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