

# AURA

*Alard University Review & Achievements*



**Alard University Pune**  
**Volume : JULY 2026**  
Legacy of Education Since 1999



# Aura

AURA – Alard University Review & Achievements

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## Our Patrons

### From Chancellor's desk



"AURA – Alard University Review & Achievements" is a newsletter highlighting the intellectual and creative accomplishments of students and faculty at ALARD University Pune. The university aims to foster academic excellence and innovation, encouraging contributions beyond the classroom. Gratitude is expressed to the editorial team and contributors, with hopes for AURA to be a prominent voice of knowledge and inspiration.

### From Vice Chancellor's desk



AURA – Alard University Review & Achievements." This publication showcases writing skills in various technical research fields. Our students and faculty consistently excel beyond academics, with the University fostering research, innovation, and entrepreneurship. Faculty dedication is commendable. Congratulations to the contributors and editorial board for their efforts, and best wishes to all for continued success in their future endeavors.

### From Executive Director's desk



I am excited about ALARD University's launch of "AURA – Alard University Review & Achievements," showcasing the academic excellence, creativity, and research focus of our students and faculty. The university promotes a culture of research and innovation, encouraging learners to think beyond traditional education. I commend the faculty for their dedication to mentoring students and congratulate the contributors and editorial board for their efforts. Best wishes to all for future success and impactful achievements.

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# STUDENT SECTION



# FAREWELL CEREMONY 2026: CELEBRATING EXCELLENCE AND NEW BEGINNINGS

The ALARD School of Pharmacy, ALARD University, organized a memorable Farewell Ceremony 2026 to honor its graduating students and celebrate their academic achievements. The event brought together students, faculty members, and dignitaries in an atmosphere filled with pride, gratitude, and cherished memories.



The ceremony featured Dr. Sohan Chitlange, Vice Chancellor of ALARD University, who motivated students to pursue excellence. Dr. Ganesh Andhale, Dean of ALARD School of Pharmacy, encouraged the graduating batch to embrace future opportunities. Highlights included the recognition of outstanding students: Kshitij Paraskar and Pranjal Randive as Mr. and Ms. Farewell, respectively; Best Outgoing Student awards to Chetan Choudhary (Diploma), Arpita Sharma (B.Pharm), and Pundlik Chand Hide (M.Pharm); Youraj Sambar received a Special Appreciation Award for qualifying GPAT; and Kshitij Paraskar was named Best Exemplary Student, while Riya Choudhary received the Best Academic Excellence Award.



The ceremony concluded with heartfelt farewells and warm wishes as the graduating students prepared to embark on new academic and professional endeavors. ALARD School of Pharmacy congratulates all award recipients and graduates and wishes them continued success in their future pursuits.

## WORLD ENVIRONMENT DAY 2026: TREE PLANTATION DRIVE FOR A GREENER TOMORROW

On the occasion of World Environment Day, ALARD University organized a Tree Plantation Drive with enthusiastic participation from students, faculty members, and staff, reaffirming its commitment to environmental sustainability and the creation of a greener campus. The initiative reflected the University's vision of fostering ecological awareness and encouraging responsible environmental practices among the academic community. The plantation drive aimed to highlight the importance of environmental conservation, biodiversity, and sustainable living. Participants planted saplings across the campus as a symbolic gesture of their shared commitment to preserving nature and creating a healthier environment for future generations. The activity emphasized that every tree planted contributes to cleaner air, enhanced biodiversity, and a more sustainable ecosystem.



The event not only enriched the University's green landscape but also inspired participants to embrace environmentally conscious practices in their daily lives. Through such impactful initiatives, ALARD University continues to cultivate a culture of sustainability, environmental stewardship, and social responsibility, encouraging its community to work collectively towards building a greener, healthier, and more sustainable future.



# INTERNATIONAL YOGA DAY 2026: CULTIVATING WELLNESS AND HOLISTIC WELL-BEING

In observance of International Yoga Day 2026, ALARD University, through its Internal Quality Assurance Cell (IQAC), organized a vibrant Yoga Day celebration to promote health, mindfulness, and holistic well-being. The event witnessed enthusiastic participation from students, faculty members, and staff, reaffirming the University's commitment to fostering a culture of wellness and balanced living.

Celebrated under the theme "Yoga for Longevity, Mobility & Well-being," the programme highlighted yoga as a timeless practice that enhances physical vitality, mental resilience, and emotional harmony. Participants actively engaged in guided sessions of yoga asanas, pranayama, and meditation, experiencing the profound benefits of mindful movement and conscious breathing.



The celebration highlighted the integration of yoga into daily life for improved health, stress reduction, and inner balance. ALARD University inspires its community to adopt healthy lifestyles through workshops on various yoga styles and a panel discussion with yoga practitioners. Participants shared transformative experiences, culminating in a sunset meditation session that fostered community and collective mindfulness, underscoring yoga's potential to promote well-being and unity.

# SEMINAR AND WORKSHOP



# COMMENCEMENT OF ELECTRIC VEHICLE (EV) TRAINING & INTERNSHIP PROGRAM

ALARD University, Pune, in collaboration with the GTT Foundation, successfully inaugurated the Electric Vehicle (EV) Training & Internship Program on 22 June 2026, reaffirming its commitment to empowering students with future-ready skills and fostering industry-academia collaboration. The programme witnessed enthusiastic participation, with 40 students from the ALARD School of Business Management (ASBM) enrolling to gain specialized knowledge in the rapidly evolving electric mobility sector.

The 30-day intensive training programme has been meticulously designed to bridge the gap between academic learning and industry expectations by offering a comprehensive blend of theoretical knowledge and practical exposure. The curriculum encompasses Electric Vehicle fundamentals, battery technology, charging infrastructure, workplace communication, digital literacy, interview preparation, and professional development, complemented by hands-on training sessions, industrial visits, career guidance workshops, and placement assistance. This holistic approach equips participants with the technical expertise and professional competencies essential for thriving in the sustainable transportation industry.



Upon successful completion of the programme, participants will be awarded a Certificate of Completion and become eligible for internship and employment opportunities within the expanding EV ecosystem. This initiative reflects ALARD University's unwavering dedication to promoting innovation, sustainable technologies, and experiential learning while creating meaningful career pathways for aspiring professionals. Through such forward-looking collaborations, the University continues to nurture industry-ready graduates equipped to contribute effectively to the future of green mobility and technological advancement.

# FACULTY DEVELOPMENT PROGRAM ON PROFESSIONALISM AND ATTITUDE BUILDING IN HIGHER EDUCATION

The ALARD School of Business Management (ASBM), ALARD University, Pune, successfully organized a Faculty Development Program (FDP) on "Professionalism and Attitude Building in Higher Education" on 11th June 2026 at the STEP Classroom, D Block, ASBM. The programme was conducted by Dr. Pratibha Galande More, Assistant Professor, Soft Skills Trainer, Corporate Facilitator, and Personal Empowerment Coach, with the objective of strengthening the professional competencies, interpersonal effectiveness, and teaching excellence of faculty members in the evolving landscape of higher education.

The session emphasized the importance of professionalism, positive attitude, effective communication, emotional intelligence, and continuous self-development as the cornerstones of academic excellence. Through interactive discussions, practical insights, and real-world examples, participants gained valuable perspectives on fostering a learner-centric environment, enhancing classroom engagement, and improving overall educational outcomes.



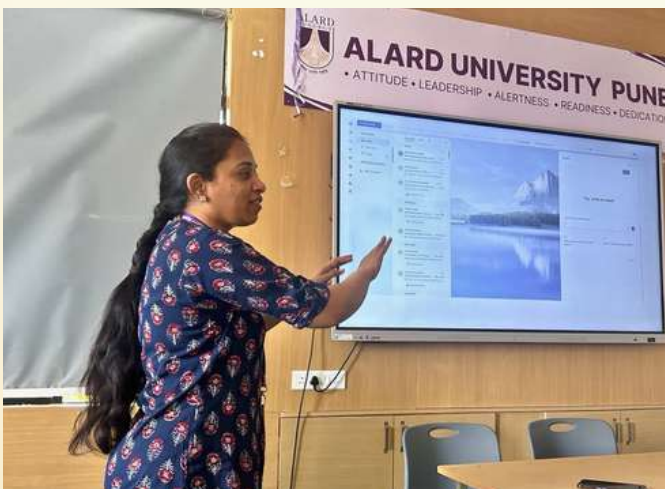
The event witnessed the participation of Dr. Manisha Bhende, Dr. Sonali Patil, and Mr. Vijay Patil, whose involvement added academic and professional value to the convention.

Overall, the convention proved to be a highly impactful experience, reinforcing the importance of industry-academia collaboration and encouraging participants to excel in the evolving landscape of mobility engineering.

# AI-POWERED PRODUCTIVITY WORKSHOP FOR ADMINISTRATIVE EXCELLENCE

ALARD University, Pune, successfully organized an insightful workshop on "AI-Powered Productivity for Administrative Excellence" for its administrative and non-teaching staff, reaffirming its commitment to fostering digital transformation and operational excellence within the institution. The programme was designed to equip participants with AI-driven tools and practical strategies to enhance workplace productivity, streamline administrative processes, and improve overall efficiency.

The workshop introduced participants to the practical applications of Artificial Intelligence (AI) in everyday administrative functions, including professional email drafting, documentation, Excel-based data analysis, report preparation, translation, and communication support. Through interactive demonstrations and hands-on learning, attendees explored how AI-powered solutions can automate routine tasks, optimize workflows, and enable more informed decision-making while maintaining accuracy and professionalism.



The session also emphasized the responsible, ethical, and secure use of Artificial Intelligence, encouraging participants to adopt technology with confidence and accountability. By integrating innovation with administrative excellence, the workshop empowered staff members to embrace digital transformation and enhance their professional capabilities. Such initiatives reflect ALARD University's unwavering commitment to continuous learning, technological advancement, and building a future-ready administrative ecosystem.

## AI AWARENESS & DIGITAL SAFETY WORKSHOP FOR EVERYDAY LIFE A THREE-DAY CELEBRATION OF INNOVATION & TECHNOLOGICAL EXCELLENCE

ALARD University, Pune, successfully organized an interactive workshop on "AI Awareness & Digital Safety for Everyday Life" for its housekeeping and support staff, reinforcing its commitment to digital inclusion, technological awareness, and community empowerment. The initiative was designed to equip participants with the knowledge and confidence required to navigate the digital world safely, responsibly, and effectively.

The workshop introduced participants to the fundamentals of Artificial Intelligence (AI) while addressing essential aspects of online safety, secure digital payments, password protection, cyber awareness, and the responsible use of technology. Conducted through interactive discussions in Marathi and Hindi, the session encouraged active participation and enabled attendees to relate digital concepts to their everyday lives in a practical and accessible manner.



The programme witnessed enthusiastic engagement, with participants exploring effective ways to use digital technologies securely while enhancing their awareness of potential cyber risks. By fostering digital literacy, responsible technology adoption, and informed decision-making, the workshop reflected ALARD University's commitment to creating a digitally empowered, safe, and future-ready community through inclusive and impactful learning initiatives.



## PANDIT DEENDAYAL UPADHYAY ROJGAR MELAVA 2026: EMPOWERING CAREERS THROUGH EMPLOYMENT OPPORTUNITIES

ALARD University, Pune, in association with the Government of Maharashtra's Skill



The Development, Employment, Entrepreneurship & Innovation Department and the District Skill Development, Employment & Entrepreneurship Guidance Centre (DSDEEGC), Pune, successfully organized the Pandit Deendayal Upadhyay Rojgar Melava on 16th June 2026.

The initiative aimed to connect students, graduates, and job seekers with leading employers, thereby strengthening employability and facilitating meaningful career opportunities.

The employment fair served as a dynamic platform for aspiring professionals to engage directly with recruiters from diverse industries, explore a wide range of career prospects, and gain valuable insights into current industry expectations. The event reflected a shared commitment to bridging the gap between academic learning and professional employment through industry-academia collaboration and skill-oriented initiatives.

The programme witnessed enthusiastic participation from candidates seeking to advance their careers and provided them with an opportunity to interact with reputed organizations under one roof. Through such impactful initiatives, ALARD University continues to reinforce its commitment to career development, skill enhancement, entrepreneurship, innovation, and employment generation, empowering students to confidently transition into the professional world and contribute meaningfully to the nation's workforce.



## FACULTY DEVELOPMENT PROGRAM ON RESEARCH STATISTICS & DATA ANALYSIS

The School of Pharmacy, ALARD University, successfully organized a Faculty Development Program (FDP) on "Research Statistics: Data Analysis, Interpretation & Applications in Scientific Research," with the objective of strengthening the research capabilities of faculty members and enhancing their proficiency in statistical analysis and scientific investigation. The programme served as a valuable platform for educators to deepen their understanding of advanced research methodologies and data-driven decision-making.

The sessions were conducted by Dr. Sanjay Boldhane, Chief Scientific Officer, Statis Pharma, Pune, who delivered comprehensive insights into descriptive and inferential statistics, hypothesis testing, regression analysis, ANOVA, data interpretation, and the practical application of statistical tools in scientific research. Through a blend of conceptual learning, practical demonstrations, and real-world case studies, participants developed a robust understanding of research data analysis and its significance in producing credible scientific outcomes.



The FDP witnessed enthusiastic participation from faculty members of ALARD University and other academic institutions, fostering an enriching environment of knowledge sharing, collaborative learning, and academic exchange. Interactive discussions and hands-on learning activities further strengthened participants' analytical and research competencies. Through such initiatives, ALARD University continues to reinforce its commitment to research excellence, innovation, and continuous professional development, nurturing a vibrant academic ecosystem dedicated to impactful scientific research.

# PLACEMENT & MOU



## POOL CAMPUS PLACEMENT DRIVE BY MANKIND PHARMA LTD

The Corporate Relations, Training & Placement Office, ALARD University, Pune, successfully organized a Pool Campus Placement Drive in collaboration with Mankind Pharma Ltd., reaffirming the University's commitment to enhancing student employability and strengthening industry-academia collaboration. The initiative provided an exceptional platform for aspiring pharmacy graduates to connect with one of India's leading pharmaceutical organizations and explore rewarding career opportunities. The placement drive witnessed enthusiastic participation from pharmacy students representing various academic institutions, who underwent a comprehensive recruitment process designed to assess their technical expertise, communication skills, problem-solving abilities, and professional aptitude. The event offered participants valuable exposure to contemporary corporate recruitment practices while enabling them to demonstrate their competencies in a competitive professional environment.



Serving as a vital bridge between academia and the pharmaceutical industry, the placement drive reinforced ALARD University's vision of preparing students for successful professional careers through meaningful industry engagement. The University expresses its sincere appreciation to Mankind Pharma Ltd., the Corporate Relations, Training & Placement Office, faculty coordinators, and student volunteers for their invaluable contribution to the seamless execution of the event. ALARD University congratulates all the participating students and extends its best wishes for a successful and fulfilling career in the pharmaceutical sector.

## ALARD UNIVERSITY HOSTS SUCCESSFUL POOL CAMPUS PLACEMENT DRIVE WITH BAJAJ LIFE INSURANCE LIMITED

Strengthening its commitment to career advancement and industry-oriented opportunities, the Corporate Relations, Training & Placement Office (CRTPO), ALARD University, Pune, successfully organized a Pool Campus Placement Drive in collaboration with Bajaj Life Insurance Limited on 18th June 2026 at the University campus.

The recruitment drive provided promising career opportunities for Graduate and Postgraduate students from the 2023, 2024, 2025, and 2026 batches for various professional roles, including Executive Sales Manager, Relationship Manager, and Senior Financial Service Manager. The initiative aimed to connect talented students with industry opportunities while enhancing their professional growth and employability.



The placement drive witnessed an enthusiastic response, with 200 students participating in the recruitment process. Following the initial screening round, 20 students were shortlisted for the first phase of interviews, conducted at the ALARD University campus. Demonstrating their skills, confidence, and professional preparedness, 5 outstanding students successfully cleared the campus selection rounds and advanced to the final interview stage at the corporate office of Bajaj Life Insurance Limited.

This successful recruitment initiative highlights ALARD University's continuous efforts in fostering strong industry partnerships, providing meaningful placement opportunities, and empowering students to achieve their career aspirations through structured corporate engagement.

## FORGING STRATEGIC HEALTHCARE PARTNERSHIPS: ALARD INITIATES COLLABORATION WITH ADITYA BIRLA HOSPITAL

In a significant step towards strengthening experiential learning and advancing healthcare education, the Corporate Relations, Training & Placement Office (CRTPO) team, comprising Mr. Vijay Patil, Head – CRTPO, Ms. Shruti Dubey, Corporate Relations Executive, and Dr. Namita Raytekar, Dean – ALARD School of Health and Bioscience (ASHB), recently visited Aditya Birla Hospital to initiate discussions for a strategic institutional collaboration.

The meeting centered on the establishment of a Memorandum of Understanding (MoU) aimed at fostering a robust academic-clinical partnership. The proposed collaboration seeks to provide students of the ALARD School of Health and Bioscience with structured clinical postings, immersive hands-on practical training, and meaningful exposure to real-world healthcare practices.



This initiative reflects ALARD University's unwavering commitment to bridging the gap between academic excellence and professional competence. By integrating classroom learning with clinical experience, the partnership is envisioned to enrich students' practical knowledge, strengthen their clinical acumen, and enhance their readiness to excel in the dynamic healthcare ecosystem.

The proposed collaboration with Aditya Birla Hospital marks another milestone in ALARD University's pursuit of cultivating industry-aligned education, empowering future healthcare professionals through transformative learning experiences and meaningful institutional partnerships.

## ADVANCING HEALTHCARE EDUCATION THROUGH STRATEGIC ACADEMIC PARTNERSHIPS

Reaffirming its commitment to experiential learning and industry-integrated education, the Corporate Relations, Training & Placement Office (CRTPO) of ALARD University recently visited Morya Foundation Paramedical Institute, Sangvi, Pune, to explore a strategic academic collaboration.

Representing the University were Mr. Vijay Patil, Head – CRTPO, and Dr. Namita Raytekar, Dean – ALARD School of Health and Bioscience (ASHB), who engaged in constructive discussions focused on establishing a mutually beneficial partnership.



The proposed collaboration aims to facilitate structured clinical postings, strengthen academic cooperation, and create avenues for knowledge exchange that will significantly enhance students' practical learning experiences. By integrating clinical exposure with academic instruction, the partnership is expected to equip aspiring healthcare professionals with industry-relevant competencies, hands-on experience, and a deeper understanding of contemporary healthcare practices.

This initiative reflects ALARD University's steadfast vision of nurturing future-ready healthcare professionals through strategic institutional alliances that enrich academic excellence, promote experiential learning, and expand career pathways in the ever-evolving healthcare sector.

# FACULTY ACHIEVEMENTS



# ALARD UNIVERSITY HONORED AS 'MOST EMERGING UNIVERSITY IN INDIA' AT THE 4TH EDUCATION TOMORROW CONCLAVE 2026

ALARD University, Pune, has earned yet another prestigious accolade by being recognized as the "Most Emerging University in India" at the 4th Education Tomorrow Conclave 2026, held in Pune. This esteemed recognition celebrates the University's unwavering pursuit of academic excellence, innovation, and industry-integrated education, reflecting its remarkable growth and transformative impact in the higher education landscape.



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The award stands as a testament to ALARD University's continuous efforts in nurturing an ecosystem of quality education, research excellence, experiential learning, and robust industry collaborations. Through a student-centric approach, modern pedagogy, and a strong emphasis on skill development, entrepreneurship, and employability, the University has consistently empowered learners to excel in an increasingly competitive global environment.

This significant achievement further reinforces ALARD University's vision of creating future-ready professionals, fostering innovation, and setting new benchmarks in higher education. As the University continues its journey of excellence, this honor serves as both a recognition of its accomplishments and an inspiration to scale even greater heights in the years ahead.

## HON. VICE CHANCELLOR DR. SOHAN CHITLANGE FEATURED AS DISTINGUISHED PANELIST AT THE EDUCATION TOMORROW CONCLAVE 2026

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During the panel discussion, Dr. Sohan Chitlange shared valuable perspectives on redefining higher education through a strategic focus on enhancing employability, fostering innovation, and strengthening global competitiveness. He emphasized the importance of aligning academic curricula with evolving industry expectations, cultivating a research-driven and entrepreneurial mindset among students, and equipping graduates with the adaptability and professional skills essential for success in an increasingly interconnected world. This significant achievement further reinforces ALARD University's vision of creating future-ready professionals, fostering innovation, and setting new benchmarks in higher education. As the University continues its journey of excellence, this honor serves as both a recognition of its accomplishments and an inspiration to scale even greater heights in the years ahead.



# DEAN'S PODCAST ON THE FUTURE OF EDUCATION AND LEADERSHIP

The Dean of the ALARD School of Business Management (ASBM), ALARD University, Dr. Dipti Tulpule, was featured in an inspiring podcast that explored the future of education, evolving industry expectations, leadership development, and Artificial Intelligence (AI), along with their transformative role in shaping the workforce of tomorrow. The session served as a valuable platform for sharing expert insights on the changing dynamics of higher education and the competencies essential for success in a rapidly evolving professional landscape.



During the podcast, Dr. Dipti Tulpule highlighted the significance of adaptability, innovation, critical thinking, continuous learning, and ethical leadership as indispensable qualities for aspiring professionals. She emphasized the importance of aligning academic excellence with industry requirements, enabling students to cultivate the knowledge, skills, and confidence needed to excel in an increasingly technology-driven world. The podcast offered meaningful insights for students, educators, and academic professionals, focusing on career readiness, technological advancements, leadership development, and the growing impact of AI on education and business.

Through such knowledge-sharing initiatives, the ALARD School of Business Management (ASBM), ALARD University, continues to reinforce its commitment to academic excellence, innovation, industry engagement, and holistic student development, inspiring learners to embrace lifelong learning and emerge as capable, responsible, and future-ready leaders.

## DEAN'S PODCAST ON THE FUTURE OF ENGINEERING EDUCATION AND INDUSTRY READINESS

The Dean of the ALARD School of Engineering and Technology (ASET), ALARD University, Dr. Manisha Bhende, was featured in an insightful podcast that explored the future of engineering education, technological innovation, research excellence, and evolving industry expectations. The session served as an inspiring platform to share expert perspectives on preparing aspiring engineers to excel in an era driven by Artificial Intelligence (AI), digital transformation, and emerging technologies.

During the podcast, Dr. Manisha Bhende emphasized the importance of innovation, critical thinking, research-oriented learning, problem-solving, adaptability, and continuous upskilling as essential attributes for engineering graduates. She highlighted the need to bridge the gap between academic excellence and industrial relevance by integrating experiential learning, interdisciplinary collaboration, and technology-driven education into the engineering curriculum.



The engaging discussion offered valuable insights for students, educators, researchers, and industry professionals, focusing on career readiness, technological advancements, industry-academia collaboration, and the role of engineering in shaping a sustainable and technologically advanced future. Through such knowledge-sharing initiatives, the ALARD School of Engineering and Technology (ASET), ALARD University, continues to reinforce its commitment to academic excellence, cutting-edge research, innovation, and holistic student development, empowering future engineers to become visionary leaders and catalysts for technological progress.

# BOOK CHAPTER PUBLISHED BY IGI GLOBAL SCIENTIFIC PUBLISHING



ALARD University congratulates Ms. Vidhi Jalan on her book chapter, "From Classroom to Community," published in 2026 by IGI Global. This achievement showcases her commitment to research and innovative teaching. The chapter examines how business communication connects classroom learning with community engagement, highlighting experiential learning and social responsibility, while preparing students to tackle real-world challenges through effective communication and collaboration. This accomplishment exemplifies ALARD University's unwavering commitment to promoting research excellence, innovation, and intellectual advancement among its faculty members. The University extends its heartfelt congratulations to Ms. Vidhi Jalan on this distinguished achievement and wishes her continued success in her future academic, research, and scholarly pursuits.



## Certificate of Publication

This certificate is proudly presented to

*Vidhi Jalan*

In recognition of their outstanding  
research contribution to

*From Classroom to Community*

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With gratitude for your dedication to advancing  
knowledge and scholarship.

Lindsay Wertman, President  
IGI Global Scientific Publishing

# SUCCESSFUL COMPLETION OF NISM FACULTY DEVELOPMENT PROGRAMMES



ALARD University proudly acknowledges the successful completion of two prestigious National Institute of Securities Markets (NISM) Faculty Development Programme (FDP) e-Learning Courses by Ms. Sneha Vadavi. Organized by the National Institute of Securities Markets (NISM), an initiative of SEBI, these programmes are designed to enhance faculty expertise in securities markets, investment education, and financial literacy, thereby strengthening academic excellence in finance and management education.

Ms. Sneha Vadavi successfully completed the Mutual Fund Distributors – Faculty Development Programme on 09 June 2026, followed by the Securities Markets Foundation – Faculty Development Programme on 25 June 2026. These courses provided comprehensive insights into financial markets, mutual funds, investment products, market participants, regulatory frameworks, and investor education, enhancing her understanding of investment planning, mutual fund distribution, and the regulatory environment governed by SEBI.



# FACULTY PUBLICATION ACHIEVEMENT: ADVANCING RESEARCH EXCELLENCE

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### Green Synthesis of Nanoparticles from Various Parts of *Cissus quadrangularis*: A review

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Swati Deshmukh, Ganesh Andhale and Dhanashree Dhuri

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#### Abstract

Green synthesis of nanoparticles has gained significant importance as a sustainable and environmentally friendly alternative to conventional physical and chemical approaches, mainly because it minimizes hazardous by-products and makes use of plant-based reducing and stabilizing agents. *Cissus quadrangularis*, a medicinal climber well known in traditional medicine, has emerged as a promising biological source for the fabrication of metal and metal oxide nanoparticles. Several studies have demonstrated that stem and leaf extracts of this plant can efficiently produce silver, copper oxide, zinc oxide, copper-zinc, and other nanoparticles under mild conditions, with formation often indicated by a visible color change and further confirmed through UV-visible spectroscopy, FTIR, XRD, SEM, and other analytical methods.

The rich phytochemical composition of *C. quadrangularis*, including phenolics, flavonoids, alkaloids, and other bioactive constituents, plays a crucial role in reducing metal ions and stabilizing the resulting nanoparticles. Various parts of the plant, particularly stems and leaves, have been successfully explored as eco-friendly sources for nanoparticle synthesis, yielding particles with spherical or uniform morphology and nanoscale dimensions suitable for biomedical use. These biosynthesized nanoparticles have shown notable antimicrobial, antifungal, antioxidant, anti-inflammatory, and anticancer potential, reflecting the combined advantages of green synthesis and therapeutic relevance.

**Keywords:** Green synthesis, Nanoparticles, *Cissus quadrangularis*, Nanomaterials, Nanotechnology

#### 1. Introduction

*Cissus quadrangularis*, also known as the adamant creeper, winged treebine, and veldt grape, is a member of the Vitaceae family and is indigenous to most of Africa, the Arabian Peninsula, and tropical Asia. [1]. It appears to be quadrangularly sectioned and has a maximum height of 1.5 meters. It's a popular Ayurvedic medication that helps people lose weight and has bone-healing qualities [2]. In the multidisciplinary field of nanotechnology, matter at the nanoscale—typically 1 to 100 nanometers—is manipulated and controlled. Fig. 01 distinguishes between three different kinds of nanoparticles. At this size, materials exhibit unique properties and behaviors that distinguish them from their bulk counterparts [3]. Materials science, physics, chemistry, engineering, biology, and other scientific and technological fields are all included in the broad field of nanotechnology. Their unique physical, chemical, and biological properties distinguish them from bulk materials due to their small size [4]. Applications for nanoparticles can be found in many domains, such as electronics, environmental science, materials science, and medicine [5]. Because of their simple control of surface properties and particle size, ability to control drug release during transportation and localization, ability to adjust the properties of controlled release and particle disintegration, high drug loading, site-specific targeting, and adaptability to multiple administration routes, including oral, nasal, parenteral, and intraocular, nanoparticles are advantageous as a drug delivery system [6]. The term "green synthesis" describes the sustainable and eco-friendly processes used to create nanoparticles from natural sources such as bacteria, fungi, plants, and other bio resources. This method seeks to replace conventional

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The ALARD School of Pharmacy, ALARD University, proudly celebrates a significant academic milestone with the publication of the review article, "Green Synthesis of Nanoparticles from Various Parts of *Cissus quadrangularis*: A Review," in the International Journal of Pharmacognosy and Pharmaceutical Research (IJPPR), Volume 8, Issue 6, 2026. This accomplishment reflects the University's unwavering commitment to research excellence, scientific innovation, and scholarly contribution.

The publication showcases the dedicated research efforts of Dr. Madhuri Shelar, Head of the Department, ALARD School of Pharmacy, and Dr. Ganesh Andhale, Dean (I/C), ALARD School of Pharmacy, along with their co-authors, whose academic contributions continue to strengthen the institution's reputation in pharmaceutical research. The review comprehensively explores the green synthesis of metal and metal oxide nanoparticles using various parts of *Cissus quadrangularis*, emphasizing the role of plant-derived phytochemicals in developing sustainable and environmentally friendly nanomaterials.

The article further highlights the promising biomedical applications of green-synthesized nanoparticles, including their antimicrobial, antioxidant, anti-inflammatory, and anticancer properties, underscoring their potential in advancing pharmaceutical and biomedical sciences. ALARD University extends its heartfelt congratulations to the authors on this remarkable achievement and applauds their continued dedication to fostering a culture of research, innovation, and academic excellence.

# STUDENTS ACHIEVEMENTS



# OUTSTANDING PLACEMENT ACHIEVEMENTS OF ALARD UNIVERSITY STUDENTS

The Corporate Relations, Training & Placement Office at ALARD University proudly celebrates another milestone as students secure prestigious placement opportunities with leading organizations, including **Cognizant, Macleods Pharmaceuticals, Mankind Pharma Ltd and Orbit Avanya Tech.**

This remarkable achievement reflects the University's unwavering commitment to academic excellence, industry-oriented learning, and holistic student development. Through a curriculum that combines innovative teaching methodologies, practical skill enhancement, career-focused training, and strong industry collaborations, ALARD University empowers students to excel in the healthcare, pharmaceutical, and technology sectors. These successful placements stand as a testament to the dedication, professional competence, and perseverance of the students, as well as the continuous support provided by the Corporate Relations, Training & Placement Office. ALARD University remains committed to nurturing future-ready professionals and creating pathways for rewarding careers across diverse industries.



**Kshitij Paraskar**  
B. Pharma (Batch 2026)

**Cognizant**



**Sarah Qureshi**  
BE-CSE Batch 2026

**Cognizant**



**Ajay Kumawat**  
B. Pharma (Batch 2026)

**Cognizant**



**Rohit Mankar**  
B. Pharma (Batch 2026)

**Cognizant**



**Sharayu Pawale**  
B. Pharma (Batch 2026)

**Cognizant**



**Riya Chougule**  
B. Pharma (Batch 2026)

**Cognizant**



**Kadambari Galinde**  
BE-CSE Batch 2026

**OrbitAvanya Tech LLP**



**Mayur Soni**  
MCA Batch 2026

**OrbitAvanya Tech LLP**



**Unnati Yamunabade**  
MCA Batch 2026

**OrbitAvanya Tech LLP**



**Sayali Bobde**  
MCA Batch 2026

**OrbitAvanya Tech LLP**



**Shraddha Dhopate**  
MCA Batch 2026

**OrbitAvanya Tech LLP**



**Prachi Landge**  
TE- AI&ML Batch 2027

**OrbitAvanya Tech LLP**



**Mayuri More**  
TE- AI&ML Batch 2027

**OrbitAvanya Tech LLP**



**Ankit Tripathi**  
TE- CSD Batch 2027

**OrbitAvanya Tech LLP**



**Mansi Patil**  
TE- AI&ML Batch 2027

**OrbitAvanya Tech LLP**



**Khushi Soni**  
TE- CSD Batch 2027

**OrbitAvanya Tech LLP**



**Krushna Telalwar**  
TE- CSE Batch 2027

**OrbitAvanya Tech LLP**



**Aman Shaikh**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Krishna Linganwar**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Siddesh Chakankar**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Ranjeet Mallah**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Poonamsingh Bhati**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Siddhesh Kakde**  
B. Pharma (Batch 2026)

**Mankind Pharma Ltd.**



**Pranjal Raskar**  
M. Pharma (Batch 2026)

**MacLeods Pharma**



**Sanket Raut**  
M. Pharma (Batch 2026)

**MacLeods Pharma**



**Shradha Bankar**  
M. Pharma (Batch 2026)

**MacLeods Pharma**

# Our Schools

**Alard School of Engineering and Technology**

**Alard School of Pharmacy**

**Alard School of Business Management**

**Alard School of Law**

**Alard School of Health & Biosciences**

**CONNECT  
WITH US**



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