

ISSUE I

AUTUMN EDITION

SEP 2024



# IARIAN TIMES

THE BI-ANNUAL NEWSLETTER OF IAR UNIVERSITY

## THE START OF THE NEW ERA

GROUND BREAKING CEREMONY  
OF NEW ACADEMIC BUILDING  
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The IAR fraternity celebrated Ganesh Chaturthi 2024 with great devotion and reverence. The festivities commenced with the traditional installation of Lord Ganesha's idol, accompanied by ritualistic chants and the lighting of ceremonial lamps. The celebration culminated with the aarti, followed by the distribution of prasad. This event not only honored tradition but also fostered a sense of community and togetherness among all participants, creating a harmonious and spiritually uplifting experience on campus.

AN EVENT BY IAR CULTURAL COMMITTEE



# MESSAGE FROM THE DIRECTOR

Dear IARians,

It gives me immense pleasure to announce the launching of our much awaited University Magazine – IARian Times. I am sure that the entire spectrum of readers shall find the contents of the bi-annual magazine extremely interesting. At the outset, my kudos to Dr Somanand and the entire editorial team for making IARian Times a reality.

As we turn the pages of the IARian Times, we find ourselves reflecting on the remarkable journey of the Institute of Advanced Research. With deep pride, we celebrate the glorious past and also feel confident about even more exciting times and bright future that awaits us. As we systematically implement new initiatives on the ground, I see ourselves leap frogging, rather pole vaulting, in the right direction. This edition of the IARian Times documents the initiatives and endeavours unfolding at our university, highlighting the incredible work being done across all departments.

As members of the IAR community, we share the same ethos, with discipline being our guiding principle. Our Education, the Hub of all IAR endeavour has four strong spokes of Ethics, Empathy (Humanly Sensitive), Endurance and Excellence. Our scenic campus along the banks of the Sabarmati only adds value to great IAR brand, its uniqueness not only in learning and talent/skill building, but also in keeping the Happiness Quotient high for all the IARians.

Happy Reading and God Speed...

A handwritten signature in black ink, reading 'PC Vyas'. The signature is stylized and fluid.

Brig PC Vyas  
Director and Pro-VC, IAR University







It is with immense humility and gratitude that I present to you the very first edition of IARian Times. This milestone represents not just the beginning of our university magazine but also the realization of a long-held dream I had for our family.

I extend my deepest appreciation to our esteemed Director, whose visionary leadership and unwavering commitment have been the driving forces behind this initiative. His dedication to fostering a culture of innovation and excellence at our university is truly inspiring, and it has paved the way for us to embark on this exciting journey.

I am grateful to all Heads of Departments for gracing the inaugural edition with their special message, and their encouragement has been invaluable in bringing this project to life. I am thankful to Registrar, Executive Registrar, Dean (Academics), and Dean (Research and Innovation) for their continuous support and guidance. A heartfelt thank you to my fellow colleagues, Divya Madam and Ravindra Sir. And students, it was indeed gratifying to witness your hard work and passion. Together, in last few days, we have made our dream become a reality.

As we embark on this new chapter, let us remember what our beloved President of India, Late Dr. APJ Abdul Kalam who inaugurated our university said;

"If you want to shine like a sun, first burn like a sun." Let us continue our hard work in that spirit.

Dr Somanand Saraswati  
Editor

## Editor

Dr Somanand Saraswati

## Departmental Editors

Dr Ravindra Singh Rawat

Ms. Divya Dileep Rahul

Dr Somanand Saraswati

## Marketing and Distribution

Mr. Amit Khare

Mr. Digant Parmar

## Photographs

Mr. Mohit Vaishnav

## Graphic Design & Typesetting

Dr Somanand Saraswati



## Student Editors

Krupansh Verma

Dhanvi Shah

Deepak Choudhary

Vidya Gaud

## Back Cover Design

Krupansh Verma

## Additional Edits, Graphics & Support

Refins Meghjani

Darshan Rathod



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*In Detail*

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# CELEBRATION OF INDEPENDENCE DAY

Celebration of 78th Independence Day on August 15, 2024



The IAR campus marked the celebration of Independence Day on 15th August 2024 with patriotic fervor and enthusiasm. The event commenced with the hoisting of the national flag, followed by an inspiring address by Director and Pro-Vice Chancellor Brig. P.C. Vyas, who emphasized the significance of independence and the responsibility it carries. He highlighted that freedom should never be taken for granted. Dean (Research & Innovation) energized the gathering with a powerful speech that resonated with the spirit of independence. The ceremony concluded with a heartfelt vote of thanks delivered by Registrar Mr. Manish Parmar, expressing gratitude to all participants and organizers for making the event memorable. The event was hosted by Dr. Pooja Rao. The celebration ended with performances from students.





# IAR BECOMING FAVOURITE DESTINATION FOR FILM PROMOTIONS



The vibrant campus of the Institute of Advanced Research (IAR) came alive as students were treated to an exciting visit by the cast many anticipated Gujarati films, such as Fakt Purusho Maate and Frendo. The atmosphere was electric as stars from these films took the stage to interact with students, share behind-the-scenes stories, and promote their respective upcoming releases.

In August, the team from **Fakt Purusho Maate** took center stage. The actors shared their experiences working on the heartwarming family drama-comedy and gave the audience a glimpse into the film's humorous take on modern relationships and traditions. Their lighthearted banter and live reenactment of iconic dialogues drew laughter and applause from the crowd.

Shortly after in September, the cast of **Frendo**, a contemporary thriller, took the stage. Their discussion offered insight into the making of a gripping narrative that explores the bonds of friendship and loyalty amidst tension and suspense. The actors encouraged students to not only enjoy the entertainment but also reflect on the deeper social messages embedded in the film.

Furthermore, the cast of **Udan Chhoo**, a 2024 Gujarati comedy-drama directed by Anish Shah, took the stage. The film, which combines humor with heartfelt moments, had the audience buzzing with excitement. The actors discussed the film's unique storyline and their experience working on this much-anticipated release. These events were coordinated by Dr. Sudhir Bhatt.







## ANTI-RAGGING DAY



On 12th August, IAR University marked Anti-Ragging Day with a powerful and thought-provoking event aimed at fostering unity, respect, and a safe campus environment. The highlight of the day was a deeply impactful performance by students, which vividly portrayed the emotional and psychological consequences of ragging. Their performance resonated with the audience, delivering a clear message on the importance of empathy and standing up against bullying in any form.

Following the performance, the Director of IAR University addressed the gathering, emphasizing the university's zero-tolerance policy on ragging. In a stirring speech, the Director called upon students to uphold the values of mutual respect, inclusivity, and kindness, stressing the need for collective responsibility in maintaining a ragging-free campus.



To conclude the event, students took a solemn pledge, vowing to reject any form of ragging and to support their peers in creating a positive, safe environment for all. This symbolic gesture reinforced the university's commitment to fostering a culture of respect and camaraderie among students. The event was hosted by Dr. Sudhir Bhatt.





# Deeksharambh - Student Induction Programme (SIP)



IAR University recently hosted the Student Induction Program (SIP) 2024, a vibrant and comprehensive 5-day event from 1st July 2024 to 5th July 2024, designed to welcome first-year students and help them transition smoothly into university life. Organized by Chief Coordinator Dr. Sudhir Bhatt and his team of faculty and student volunteers, the program aimed to familiarize new students with the university's values, culture, and academic environment.



The induction program was packed with enriching sessions that provided students with essential information about university life, including academic guidelines, campus resources, and support services. The sessions also covered topics such as time management, goal setting, and the importance of developing both academic and personal skills during their time at IAR.





IAR University hosted its grand 7th Convocation on May 6, 2024, a day filled with pride and joy as students, faculty, and dignitaries came together to celebrate academic excellence. The Chief Guest for this special occasion was Padma Shri Prof. Sudhir Kumar Sopory, a distinguished plant biologist and former Vice-Chancellor of Jawaharlal Nehru University. Known for his pioneering work in molecular biology and plant physiology, Prof. Sopory has been instrumental in advancing scientific research in India, and his contributions have earned him numerous national and international accolades, including the Padma Shri.



The Graduands from the various programs like Biotechnology and Bioengineering, Computer Science and Engineering and Business and Management received their degrees. A total of 230 Post-Graduates degrees and Under-Graduates degrees, and 5 PhD degrees including 14 Gold Medallist were awarded.







The event commenced with a stately academic procession starting from Academic Block 1. The procession was led by Dr. Manish Parmar, Registrar of IAR University, and included esteemed Professors, Associate Professors, Assistant Professors, Lecturers, the Director of Student Experience, Heads of Departments, and the Controller of Examinations.

The Director of IAR, in a heartfelt speech, acknowledged the dedication and spirit of the graduates and staff members, saying, 'My Pride, My Team, My Colleagues of the IAR family.' His words captured the essence of the IAR community's bond, reinforcing the message that the university's success is built upon the collective effort of its students and faculty.

The vote of thanks was given by Manish Parmar, Registrar, IAR. The event was successfully organised under the guidance of Brig. PC Vyas. The event was graced by presence of Executive Registrar Mr. Manoj Patel, Dean Academic Dr. Narendra Kumar, Dean Research Dr. Anand Tiwari and heads of various departments. The convocation ceremony was gracefully conducted by the Masters of Ceremony, Dr. Dhara Rathod and Dr. Somanand Saraswati.





# IARIan UNIFEST 2024

In March, the university hosted "IARIan UNIFEST," a vibrant five-day festival that combined both fun and educational experiences. Students participated in a wide range of activities, including cultural events, sports competitions, and talent shows. The festival offered a perfect blend of learning and entertainment, creating an engaging and memorable experience for all. These events highlighted creativity, cultural pride, and entertainment, making the fest memorable and vibrant.



STUDENT STALLS



PROF MAN SINGH SPOKE AT THE EVENT



GROUP DANCE COMPETITION



FOOD RELATED ACTIVITY TITLED HUNGRY BIRDS



SINGING COMPETITION



CULTURAL RUNWAY: RAMP WALK REPRESENTING DIFFERENT CULTURES



# IARian UNIFEST 2024

The IARian Unifest 2024 highlighted captivating drama and skit performances, where students showcased their acting talents by bringing compelling stories to life. The cultural ramp walk celebrated diversity, with participants donning traditional attire, while the Bollywood ramp walk added an extra flair of glamour and excitement to the event. Unifest serve as a platform for developing valuable skills such as leadership, teamwork, and event management—skills that are indispensable both personally and professionally. By promoting a balance between education and recreation, university fests significantly enhance the overall college experience, allowing students to rejuvenate, explore new passions, and create cherished memories that define their academic journey.

SOLO DANCE PERFORMANCE



FASHION COMPETITION



A LARGE HANDMADE POSTER MADE BY STUDENTS USING THEIR HAND-PRINTS



WINNERS OF DRAMA AND SKIT

# IAR UNIVERSITY MARKS A NEW BEGINNING WITH BHOOMI POOJAN CEREMONY FOR NEW ACADEMIC BUILDING



On July 6, 2024, IAR University witnessed a significant moment in its journey towards academic excellence and campus development with the Bhoomi Poojan of the new academic building; an initiative by The Puri Foundation for Education in India. The auspicious ceremony, held from 7:00 AM to 9:00 AM at the western side of Academic Building-2, symbolized the university's continued commitment to providing world-class educational infrastructure.



Current progress in Sep-2024

The Bhoomi Poojan, a traditional ritual to honor and seek blessings from the earth before the commencement of construction, marked the beginning of a new chapter for IAR. The new academic building will house state-of-the-art classrooms, cutting-edge research facilities, and collaborative spaces designed to inspire innovation and academic growth.

As the university embarks on this exciting new chapter, the Bhoomi Poojan ceremony reinforced IAR's ongoing commitment to excellence, laying the groundwork—both literally and figuratively—for continued success in the years to come.





# IAR'S EXPANDING MEDIA FOOTPRINT

The Institute of Advanced Research (IAR) has been steadily gaining prominence across various media platforms, enhancing its visibility and reputation as a hub of academic excellence and innovation. In recent months, IAR has made significant strides in showcasing its achievements through television appearances and print media, marking its presence on a larger stage.

One of the standout media features was IAR's spotlight on the popular TV show Yuga Vibes, which aired during the prime-time evening slot. Coordinated by Dr. Somanand, the episode involved an insightful interaction with IAR students, highlighting their academic experiences, cutting-edge research, and aspirations. The discussion reflected the institute's core values of inquiry, innovation, and holistic education, leaving viewers with a deep appreciation for IAR's role in shaping future leaders and thinkers.



Shooting of Yuva Vibes in IAR Library



IAR on Zee News Kalak



Coverage of Convocation on India News, Gujarat News & GSTV

In addition to this, IAR faculties have been interviewed on TV during major education expos, where the institute was showcased as a leading center for research and learning. These interviews provided a platform to present IAR's academic programs, student success stories, and research achievements to a broader audience. The exposure at these events has further enhanced IAR's appeal to prospective students and collaborators.

Dr. Sudhir Bhatt being interviewed by TV9 regarding admissions



IAR's presence has also been amplified in print media, with extensive coverage in leading newspapers and magazines. Stories focusing on the institute's spectacular convocation of 2024 have also gained widespread attention in print media, reinforcing its standing in both academic and industry circles.

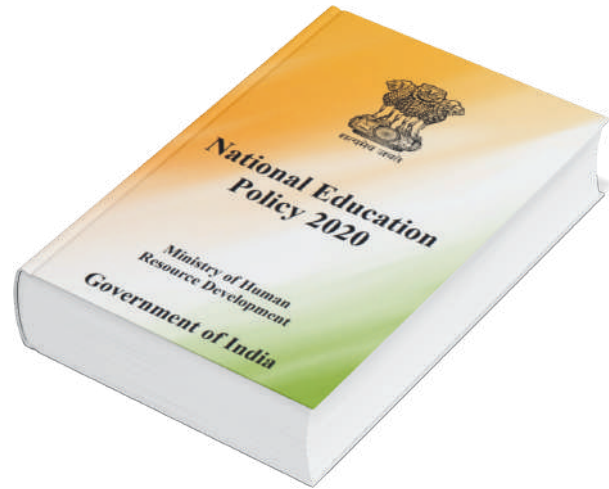
## INSTITUTE OF ADVANCED RESEARCH IMPLEMENTS NEP 2020: A STEP TOWARD EDUCATIONAL REFORM

The Institute of Advanced Research (IAR) has officially implemented the National Education Policy (NEP) 2020 from academic year 2024-25, marking a major step toward revamping its academic framework in line with the new national guidelines. This reform reflects the institute's commitment to fostering holistic education, innovation, and flexibility, in line with the broader vision of NEP 2020 to transform India's higher education landscape.

The NEP 2020, introduced by the Government of India, aims to overhaul the existing education system by making it more multidisciplinary, skill-based, and inclusive. IAR's adoption of the policy is expected to greatly benefit students by offering them greater academic freedom, opportunities for research and innovation, and an enhanced focus on skill development.

One of the most significant changes brought about by NEP 2020 is the shift to a multidisciplinary curriculum, which allows students at IAR to explore a diverse range of subjects across fields. This flexibility enables students to tailor their education according to their interests and career goals. The institute's faculty has welcomed this shift, seeing it as an opportunity to foster creativity and broaden the intellectual horizons of students.

In addition to academic flexibility, the institute has introduced the Academic Bank of Credits (ABC), a system designed to give students more control over their learning journey. The ABC allows students to accumulate and transfer credits across different institutions, promoting mobility and ensuring that students can continue their education at their own pace without disruption.



This is particularly beneficial for those who wish to take breaks or pursue parallel interests without compromising their academic progress.

Skill development is another core element of NEP 2020, and IAR is integrating vocational training and practical skill-building programs into its curriculum. These programs will equip students with the tools they need to thrive in the modern workforce, while also encouraging entrepreneurship. By partnering with industry leaders, IAR aims to provide students with hands-on experience, internships, and industry exposure.

As IAR embraces the NEP 2020, the institution is poised to play a leading role in shaping the future of education in India. By focusing on multidisciplinary learning, skill development, research, and inclusivity, the institute aims to create a generation of graduates who are not only academically excellent but also socially responsible and equipped to make a positive impact on the world.



# CAMPUS NEWS

## University Counseling Services Help Students Manage Exam Stress and Life Challenges

The Institute of Advanced Research's psychological counseling services have been instrumental in supporting students facing exam stress, academic pressures, and personal challenges. Led by counselor Ms. Sohni Dhaliwal, various sessions were held to provide students with coping strategies and emphasize the importance of addressing stress proactively. Through one-on-one sessions, workshops, and group counseling, Ms. Dhaliwal guided students in managing anxiety and building resilience. Many students reported feeling more prepared to handle stressful periods, especially during exams, thanks to these targeted efforts. The university's counseling services continue to play a crucial role in fostering student well-being and a balanced college experience.



## Record Number of Admissions Across Various Courses

The University has witnessed a record-breaking number of admissions this year across its diverse range of courses. The undergraduate programs have seen a significant surge in applications, reflecting the growing reputation of the University as a preferred destination for higher education. The administration attributes this success to the university's academic excellence, hard work of its faculties and its expanding range of innovative programs.



## University's Exam Cell Successfully Conducts Semester End Exams in May 2024

The University's Exam Cell has once again demonstrated efficiency and dedication by successfully organizing and conducting the end-semester exams for all departments. The exams were held smoothly across various classrooms on campus, with strict adherence to protocols ensuring a fair and seamless process for students.



## Vending Machines Installed on Campus

In response to latest technology, the University has installed new vending machines at key locations across the campus. These machines provide a convenient option for students to access snacks, beverages, and other essentials during study breaks. This initiative is part of the University's broader efforts to enhance the student experience by offering greater convenience and accessibility to campus amenities.





# SOCIAL AWARENESS EVENTS AT IAR

## VOTER AWARENESS CAMPAIGN



A Voter Awareness Campaign was organized ahead of the March 2024 Lok Sabha elections to encourage informed and responsible voting. The campaign featured an expert session, educating citizens about the importance of their vote and ensuring maximum voter turnout for a fair democratic process.

## NEP SAARTHI STUDENT AMBASSADOR RALLY



The NEP SAARTHI Student Ambassador Rally, part of the NEP 2020 initiative, aimed to empower students as ambassadors of the National Education Policy. The rally promoted awareness about NEP's transformative vision for education, encouraging student participation in its implementation and fostering leadership, innovation, and holistic development among learners.

## BLOOD DONATIONS



A Blood Donation Camp was organized in March 2024 on campus for staff and students, fostering a spirit of community service and social responsibility. The event saw enthusiastic participation, with donors contributing to saving lives. Health professionals conducted the drive, ensuring a safe and smooth process while raising awareness about the importance of blood donation.

## SESSION ON DISASTER MANAGEMENT INCLUDING FIRE SAFETY MOCK DRILL



In May 2024, the Institute of Advanced Research organized a fire safety session and mock drill to enhance awareness and preparedness among students and staff. The session covered essential safety protocols, while the drill offered hands-on experience in emergency response, emphasizing the importance of swift and effective actions during fire incidents.



# ACADEMIC EVENTS AT IAR

## ARTEMIS

The Two Day National Conference on Antimicrobial Resistance Trends, Environmental Microbiology, and Industrial Solutions (ARTEMIS) sponsored by Science and Engineering Research Board (SERB) and GSBTM, DST, GoG delved into the microbial world, addressing Antimicrobial Resistance (AMR), Environmental Microbiology, and Industrial Solutions. Experts shared insights, fostering collaborations to tackle AMR and promote sustainable practices. The conference emphasized translating research into actionable solutions, paving the way for advancements in microbiology and global health initiatives. Conveners were Dr. Arpit, Dr. Paritosh, Dr. Abhishek and Dr. Dhara Patel.

## Two days Teachers' Training Program & Hands-on Workshop on "Genetics, Cell & Developmental Biology Techniques"



The two-day Teachers' Training Program featured a hands-on workshop focused on advanced techniques in genetics, cell, and developmental biology. Faculty from various universities attended, enhancing their knowledge and skills in these critical areas. The program emphasized practical applications and collaborative learning, fostering a network of educators dedicated to advancing biological sciences. Event was initiated by Dean R&I Prof. Anand K. Tiwari.

## One-Day Faculty Development Program in collaboration with Gardi University



In March 2024, the Institute of Advanced Research, in collaboration with Gardi University, organized a Faculty Development Program focused on exploring learner types, teaching strategies, and effective classroom management. The program aimed to equip faculty with insights into diverse learning approaches, promoting innovative teaching practices and enhanced student engagement. The event was successfully conducted under guidance of Dr. Brijesh Jajal





# CERTIFICATE COURSES AT IAR

**Institute of Advanced Research**  
The University for Innovation

**ADMISSION NOW OPEN**

Course Commencement: 15 April, 2024

**CERTIFICATE COURSE ON**

**GENERAL PHYSICS WITH BASIC INSTRUMENTATION SKILLS**

Course Fee: Rs. 20,000 (Inc GST)

**Key Features**

- Hands-On training on various high-tech instruments and acquisition of in depth understanding of physics & electronics
- Improve basic knowledge of physics and build foundation for later courses in their disciplines
- Highly relevant and useful for various competitive exams such as GATE, JRF, NET and GRE
- Establish novel teaching perspectives for high school teachers
- Learn the procedure under internationally recognized mentors in the well established laboratory

Course Duration: 12 Weeks

Eligibility: 10+2 pass or equivalent

Program Coordinators: Dr. Sudhir Bhatt  
Dr. Keval Gandhi  
Mr. Nilesh Patel

Contact: 079 61804300

Scan, Register, and Step In!

**Institute of Advanced Research**  
The University for Innovation

**ADMISSION NOW OPEN**

**CERTIFICATE COURSE ON**

**GOODS & SERVICES TAX (GST)**

**Key Features**

- The basic knowledge of GST, different Tools, and Software.
- Development and different sub-structures under GST.
- Basics of taxation and taxation structure by expert faculty (direct & indirect).
- Role and decision-making authority of the GST council.
- Get the exposure of input cash credit
- Learn the procedures under GST incorporating the registration, filing of GST returns, and payment of tax.

Course Commencement: 1st, May, 2024

Course Fee: Rs. 12390/- (including GST)

Eligibility: Any Graduate or Professional

Coordinator: Dr. Suman Ramapati  
Dr. Jaykumar Joshi

Contact No.: 9875148109

Scan, Register, and Step In!

**Institute of Advanced Research**  
The University for Innovation

**One Week Short Term Course on Career Advancement**

**Ms. Binita Parikh**  
Corporate Communication Coach

**Mr. Kshitij Trivedi**  
Communication Skills Expert

<b>Patron</b> Brig. P C Vyas, Director Institute of Advanced Research	<b>Registrar</b> Dr. Manish Parmar Institute of Advanced Research
<b>Dr. Narendra Kumar</b> Dean (Academics) Institute of Advanced Research	<b>Dr. Jaykumar Joshi</b> HoD, Department of Business and Management

**Coordinator**  
Dr. Dhara Rathod (Assistant Professor, DBM)  
Dr. Somanand Saraswati, (Assistant Professor, DBM)

18th March 2024 to 22th March 2024  
A2:205

Organised by-  
Department of Business and Management  
Institute of Advanced Research, Gandhinagar

To Register-

**Institute of Advanced Research**  
The University for Innovation

**ADMISSION NOW OPEN**

**CERTIFICATE COURSE ON**

**CYBER SECURITY & DIGITAL FORENSICS**

**Key Features**

- Comprehensive Curriculum
- Hands-on Experience
- Hybrid Learning Mode
- Prestigious Certification
- Placement Assistance and Support

Course Commencement: 08 April, 2024

Course Fee: Rs. 20,000/-  
Registration Fee: Rs. 500/-

Eligibility: 10+2 pass candidates or equivalent

Course Duration: 12 Weeks

Coordinator: Dr. Maitri Patel  
Contact No.: 6354083967

Scan, Register, and Step In!

**Institute of Advanced Research**  
The University for Innovation

**ADMISSION NOW OPEN**

**Certificate Course on**

**Google Analytics**

**Key Highlights:**

- Learn how to set up and navigate Google Analytics effectively
- Understand the fundamentals of web analytics and key metrics
- Dive into advanced features such as goal tracking, event tracking, and custom reports
- Gain insights into user behavior, demographics, and traffic source

Course Fee: Rs.: 12390/-

Course Commencement: 1st, May, 2024

Eligibility: 10+2 pass candidates or Any Graduate

Coordinator: Dr. Harsha Rathore  
Contact No.: 8206421607

More information

**SHORT TERM CERTIFICATE COURSE**

**CANCER DRUG DELIVERY SYSTEMS**

**REGISTER NOW**

**Benefits of this course:**

- Illustrated and comprehensive study materials
- Offline and online live sessions
- Hands-on sessions for nano-drug development and delivery in-vitro
- Assessment for each training module
- Doubt-clearing session for each class
- Award Certificate & career counseling for bio-pharma industry jobs

B.Tech./B.Sc./M.Sc./B.Pharm /M.Pharm/PhD scholars are welcome

Course duration: 3 months  
Course fee: INR 15,000 (Offline with hands-on)/INR 12,000 (Online)

Limited 35 seats  
Course start date: 15th April 2024

Registration Link:  
<https://forms.gle/PXyWhY3sE92uNMM8>  
Or  
Scan the QR Code

Dr. Shuvomoy Banerjee  
Course coordinator  
Asst. Professor, DBBE, IAR  
Contact: 9316379336

Dr. Pankaj Yadav  
PhD IIT-Gandhinagar & CEO, QnanoSol Biotech





# INSTITUTE OF ADVANCED RESEARCH SIGNS MEMORANDUMS OF UNDERSTANDING (MOU) WITH IBM AND GARDI UNIVERSITY TO BOOST STUDENT OPPORTUNITIES

The Institute of Advanced Research (IAR) continues to strengthen its commitment to bridging academia and industry through a series of new Memorandums of Understanding (MoUs), this time partnering with IBM and Gardi University. These recent agreements are part of IAR's ongoing strategy to provide students with hands-on experience, industry exposure, and enhanced learning opportunities, building on a foundation of previous partnerships that have been pivotal in offering real-world insights and career advantages.



The newly signed MoU with IBM will enable IAR students to benefit from collaborative courses that leverage IBM's vast technological resources. This partnership also means that IBM faculty will be involved in teaching at the university, bringing specialized expertise to the classroom. Beyond academic enrichment, the agreement provides students with access to internship and placement opportunities at IBM, giving them a competitive edge in fields like artificial intelligence, data science, and cloud computing.

Meanwhile, the partnership with Gardi University will focus on joint academic initiatives, research collaborations, and training programs, broadening the scope of interdisciplinary studies and skill development. This MoU facilitates the exchange of knowledge between the two institutions, providing IAR students with an expanded range of learning experiences and resources beyond their home campus.

As IAR continues to expand its network of strategic partnerships, students can anticipate an enriched academic journey that combines rigorous education with practical application.



MARCH 9, 2024

MoU of "IAR" with "IBM" for the Collaborative Courses

- B.Sc. in Artificial Intelligence & Machine Learning (DCSE)
- BBA in Business Analytics (DBM)
- MBA in Finance Technology (DBM)



# Department of Biotechnology and Bioengineering

## A MESSAGE FROM HOD'S DESK



A hearty welcome to the Department of Biotechnology and Bioengineering, IAR, Gandhinagar. The department offers UG, PG and Ph.D. degree programs in different disciplines of Biotechnology and Bioengineering.

Our degree programs are unique and comprehensive designed to impart theoretical and practical training encompassing all the major contemporary subjects in Biotechnology and Bioengineering. Our intensive training confers the student to be competitive for higher studies and to cater to the needs of bio-industries, teaching and research. The curriculum is taught by distinguished faculty combining academic excellence and real-world experience with dedication and commitment. This will help our students to widen their knowledge base in multiple disciplines to broaden their job opportunities.

## MAJOR HIGHLIGHTS



### INDUSTRY VISITS, HANDS-ON-WORKSHOPS, EVENTS

DBB frequently organizes industry visits, hands-on workshops, and events to enhance practical learning and industry exposure for students. These initiatives provide valuable insights, bridging the gap between academia and industry, and equipping students with real-world skills and knowledge.



### ARTEMIS 2024

The Department of DBB organized a national conference, ARTEMIS 2024, on "Antimicrobial Resistance, Environmental Microbiology, and Industrial Solutions" from March 21-22, 2024. Coordinated by Dr. Arpit Shukla, Dr. Paritosh Parmar, Dr. Abhishek Sharma, and Dr. Dhara Patel, the event brought together experts to discuss pressing microbial challenges and industrial solutions.



### AmNeev - Empowering Women Initiative

Amneal Pharmaceuticals, in partnership with LSSSDC, launched the "AmNeev - Empowering Women" initiative at IAR University; to boost women's employment in the pharmaceutical sector by equipping them with critical skills, career advancement opportunities, and fostering an inclusive work environment.

## HANDS-ON-WORKSHOP ON EXPERIMENTAL DESIGN AND DATA ANALYSIS



The workshop on Experimental Design and Data Analysis at the Department of Biotechnology and Bioengineering aimed to enhance participants' understanding of experimental design and data analysis, equipping them with practical skills essential for their academic and professional growth. With 27 undergraduate students from various colleges attending on February 3, 2024, the hands-on event focused on Biotechnology and Microbiology, bridging the gap between theory and real-world application..

## HANDS-ON WORKSHOP ON “AMAZING SHADES OF BIOMOLECULES

The Department of Biotechnology and Bioengineering organised a hands-on workshop titled “Amazing Shades of Biomolecules” on January 30, 2024. Inaugurated by Dr. Narendra Kumar, Dean Academics and Dr. Anand K. Tiwari, Dean R&I, the workshop aimed to educate participants on biomolecules, biochemistry labs, and analytical assays. Following a lecture by Dr. Jyoti V. Thaikoottathil, students engaged in hands-on sessions, performing carbohydrate and protein analysis, as well as fingerprint development using silver nitrate.



## HANDS-ON TRAINING PROGRAM ON “CHARACTERIZATION OF DRUGS AND THEIR INTERACTION WITH BIOMOLECULES USING SPECTROSCOPY

The One-Day Hands-on Training Program on "Characterization of Drugs and their Interaction with Biomolecules using Spectroscopy," organized by DBB on March 1, 2024, aimed to enhance students' practical skills in spectroscopic techniques crucial for drug development and bimolecular research. The workshop provided hands-on experience with fluorescence, synchronous, and FT-IR spectroscopy, enabling participants to understand drug-biomolecule interactions at a molecular level. The event was attended by 35 students and featured speeches from university leaders who highlighted the importance of practical instrumentation knowledge for students' careers.





## WORKSHOP ON GOOD LAB PRACTICES IN CHEMISTRY: UV/VIS, CONDUCTIVITY AND PH



The One-Day workshop on "Good Lab Practices in Chemistry: UV/Vis, Conductivity, and pH," held on January 23, 2024, at the Institute of Advanced Research, Gandhinagar, aimed to enhance the practical skills of chemistry students in operating, calibrating, and maintaining essential laboratory instruments. Participants received hands-on training with UV/Vis spectrophotometers, conductivity meters, and pH meters, focusing on minimizing errors, ensuring data integrity, and fostering precision in experimental work. The workshop provided insights into calibration protocols, troubleshooting, and data interpretation, allowing students to extract meaningful information from their experiments. Name of Organizing Committee/Coordinator: Dr.Satyendra Mishra and Dr. Abhishek Chandra

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## EDUCATIONAL VISIT TO FORENSIC SCIENCE LABORATORY



On 8th February 2024, Dr. Juni Banerjee and Mr. Prashant Dahiya organized a visit to Forensic Science Laboratory (FSL), Gandhinagar, Gujarat. A total number of 47 students from B.Sc. Biomedical and B.Sc. Forensic programs participated in the visit. The visit commenced with a pledge to "say yes to life and no to drugs" After receiving pledge certificates, the students visited different laboratories of FSL under the direction of Assistant Director, FSL, Gandhinagar and IAR faculty members.

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## INDUSTRIAL VISIT OF CHEMICAL AND BIOTECHNOLOGY STUDENTS



Chemical and Biotechnology students recently participated in a two-day industrial visit, gaining firsthand experience in both fields. The visit emphasized the importance of safety measures and sustainable practices in the industry. This visit provided students with a practical understanding of real-world applications in both industries, inspiring them to explore career opportunities in chemical and biotechnological sciences.

## DEPARTMENTAL ACTIVITY ON INTERNATIONAL MICROORGANISM DAY

The Department of Biotechnology and Bioengineering at the Institute of Advanced Research organized "MicrobioMystery" on September 18, 2024, to celebrate International Microorganism Day. The event featured a series of fun and educational competitions aimed at highlighting the importance of microorganisms. Activities included a Quiz Competition, Rangoli art, a Microbial Scene skit, and a Poem Recitation, allowing undergraduate and postgraduate students to showcase their talents and deepen their appreciation for microorganisms.



## THE "AMNEEV" - EMPOWERING WOMEN" INITIATIVE, LAUNCHED IN COLLABORATION WITH LSSSDC



Amneal Pharmaceuticals, in partnership with the Life Science Sector Skill Development Council (LSSSDC), has launched the "AmNeev - Empowering Women" initiative at the Institute of Advanced Research (IAR) University in Gandhinagar. This program seeks to boost women's employment in the pharmaceutical sector by equipping them with critical skills, career advancement opportunities, and fostering an inclusive work environment. The initiative features a specialized, practical curriculum tailored to the industry, created by experts from Amneal's Quality Control (QC) and Quality Assurance (QA) departments, along with IAR professors and the LSSSDC team. Leaders from Amneal, IAR University, and LSSSDC emphasized the initiative's vision to create a robust talent pool of women capable of addressing the pharmaceutical industry's long-term needs. Current skill development programs focus on roles such as Analyst Chemist in Quality Control, In-process Quality Assurance Chemist, and Production Machine Operator for sterile formulations.

### SMART INDIA HACKATHON



Winner: Deval Fuletra (B-tech Biotechnology)



# Department of Business and Management

## A Message from the HOD's Desk



It is an exciting time for the Department of Business & Management, as we continue to grow and evolve with a deep sense of purpose. As a young and rapidly expanding department, we are committed to shaping the future of business education by creating an environment that blends academic excellence with real-world readiness. Our vision at the DBM is to cultivate an environment that fosters entrepreneurial spirits, ethical leadership, and global citizenship, empowering our students to thrive in an ever-evolving business landscape. Through our diverse programs, like **BBA(Hons)**, **BBA (with IBM)**, **MBA**, **Executive MBA (with IBM)**, **M. Com (Global Accounting)** and **Ph.D.**, we ensure that our students are equipped with the skills, insights, and experiences needed for success in today's competitive marketplace.

We also extend our heartfelt congratulations to Dr. Somanand Saraswati and the entire team at IARian Times for the launch of their new magazine, which promises to enrich our university community with fresh perspectives and valuable content.

**Dr. Jaykumar Joshi**  
HoD

## MAJOR HIGHLIGHTS



### INDUSTRY VISITS

DBM's industry and field trips provide students with practical exposure to real-world business environments. The dept has been actively organizing industry and field visits to provide students with first hand experience of the industry. In 2024, visit to GIFT city



### BUSINESS FEST

DBM organizes interactive business events, giving students first-hand experience in real-world business operations. These activities aimed in enabling students in real the business world.



### WORKSHOPS, GUEST LECTURES

DBM regularly organizes guest lectures featuring eminent academics. These sessions provide students with valuable insights into cutting-edge research, global business trends, and academic advancements.



# INDUSTRY VISITS

## A VISIT TO GIFT CITY'S DISTRICT COOLING PLANT

The Department of Business and Management at the Institute of Advanced Research organised an insightful field trip to GIFT City on July 12, 2024. The excursion, part of the Departmental Student Induction Program, provided BBA and MBA students with a firsthand look at the city's infrastructure and operations.

During the visit to the Utility Tunnel, students gained invaluable insights into the essential infrastructure that supports modern developments. They learned about the various utilities housed within the tunnel, including power cables, raw water supply pipelines to the Water Treatment Plant (WTP), and treated water supply lines connecting the WTP to various developments.

## A VISIT TO AUTOMATED WASTE COLLECTION SYSTEM

The visit also included a tour of the Automated Waste Collection System (AWS) of GIFT city, where students learned how the city's waste is collected, segregated, and managed. They observed the processes involved in efficiently handling waste, from collection points to the treatment and disposal stages.

Students gained insights into the importance of segregation at source, the technology used in automated systems, and the various methods employed to reduce, recycle, and responsibly dispose of waste. Both events were coordinated by Dr. Suman Ramapati, Dr. Harsha Rathore, Dr. Somanand Saraswati and Ms. Hardika Jadav.







# BUSINESS FEST



The Department of Business and Management hosted a **Business Quiz** on March 8, 2024, as part of Business Fest. Eleven teams from various departments participated, demonstrating exceptional knowledge across commerce and management. Saanvi Panchal and team (DBB) took 1st place, followed by Arhan Gattu and team (DBB) and Anshi Srivastava and team (DBB). The quiz fostered learning, teamwork, and confidence, preparing participants for academic and professional success. Ms. Hardika Jadav coordinated the event.



DBM hosted a **Business Plan Competition** on March 8, 2024. Six students presented innovative ideas, receiving feedback from judges Dr. Satyendra Mishra and Mrs. Bhawana Singh along with the organisers Ms. Deepti Kaushik and Dr. S.N. Singh. Heet Sardesiya (DBM) took 1st place, followed by Vidya Gaur (DBB) and Aryan Patel (DBM).



The Department of Business and Management's **Trade Fair cum Exhibition**, held on March 8, 2024, was a resounding success. Over 100 students from various departments showcased their entrepreneurial skills through 23 innovative stalls, offering a range of products and services. From traditional cuisine to eco-friendly merchandise, the event demonstrated the creativity and business acumen of IAR's students. Inaugurated by Director Brig PC Vyas, the fair provided a platform for students to hone their marketing, financial, and customer service skills, with some stalls even earning impressive profits. The event was coordinated by Dr. Suman Ramapati.



As part of the business fest, **Ad-Mad Show** was organised on March 8, 2024. Four teams created Ads for fictional products, judged by Dr. Dhara Rathod and Dr. Jyotin Kateshiya. Winners included Prashant Karbele (DBB, 1st), Aryan Patel (DBM, 1st runner-up), and Meshva Patel (DBM, 2nd runner-up). The event promoted marketing strategies, creativity, and teamwork, showcasing remarkable talent and imagination. The event was coordinated by Dr. Harsha Rathore





# DBM HOSTS EXPERT SESSIONS TO ENRICH STUDENT LEARNING

## Fostering Entrepreneurial Mindset: DBM host an expert session on Accelerators Incubation - Opportunities for Students and Faculties - Early Stage Entrepreneurs.



DBM at IAR University hosted a successful expert session on "Accelerators Incubation - Opportunities for Students and Faculties - Early Stage Entrepreneurs." Renowned expert CA Kanish Mehta shared valuable insights on planning and launching successful start-ups, emphasizing the importance of legal compliance and ethical standards. The engaging session equipped 100 attendees, comprising students and faculty members, with practical knowledge on market research, business planning, and risk mitigation. By sharing inspiring stories of entrepreneurs, Mehta highlighted the potential for innovative ideas to transform into thriving ventures.

### Spark Your Startup: IAR University Entrepreneurship Workshop

DBM hosted a workshop on "Entrepreneurship Skill, Attitude, and Behaviour Development" on February 13, 2024, with the Institution Innovation Council (IIC). Expert Dhruv Patel from Entrepreneurship Development Institute of India (EDII) shared insights on business planning, financial management, and marketing, emphasizing resilience, creativity, and adaptability. Attended by 114 students and faculty members, the interactive session equipped participants with essential skills and an entrepreneurial mind-set to identify opportunities, develop innovative ideas, and navigate start-up challenges.



### A Session with a distinguish professor from University of Warsaw



In July, DBM hosted an enlightening session with Prof. Jagannath Panda, Head of the Stockholm Center for South Asian and Indo-Pacific Affairs (SCSA-IPA). Prof. Panda, who also serves as a professor in the Department of Regional and Global Studies at the University of Warsaw, shared his inspiring academic journey and provided valuable insights into the fields of regional studies and international relations.

### DBM hosted Ms. Binita Parekh for "One Week Short-Term Course on Career Advancement



As part of the "One Week Short-Term Course on Career Advancement," the Department of Business & Management (DBM) hosted a well known expert of branding and communication Ms. Binita Parekh for an insightful session. The event also featured sessions by DBM faculty members Dr. Dhara Rathod and Dr. Somanand Saraswati, along with department's PhD scholar Mr. Kshitij Trivedi, who shared their expertise on various career development topics. With 202 participants in attendance, the program covered essential skills for career growth, emphasizing the importance of effective communication and personal branding. At the conclusion of the course, 90 participants were awarded certificates, recognizing their commitment to professional advancement.





## Five-Day Departmental Student Induction Program

DBM conducted a five-day Student Induction Program from July 8-12, 2024, for all new students of BBA and MBA. The program included academic introductions and academic activities. The program aimed to welcome the newcomers, foster a sense of belonging, and encourage interaction among students and faculty. All the faculties of the department took sessions in the Departmental SIP.



## DBM hosted a Student Research Poster Presentation



The Department of Business & Management (DBM) recently hosted a student research poster presentation event, engaging all students from the department. This initiative provided participants with firsthand experience in creating and presenting research posters, a vital skill in academic and professional settings. Many students expressed excitement at learning this new presentation method, as it was their first exposure to effectively communicating research visually. The event was coordinated by Dr. Somanand Saraswati.

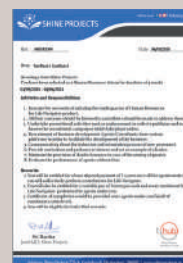
# DBM EXCELLS IN DIVERSE FIELDS

## Inspiring Success: Celebrating Faculty Milestones

Dr. Somanand Saraswati recently represented the university at an international platform where he presented his research in the conference held from June 14-16, 2024. Invited by the Department of English, Faculty of Foreign Languages and Literatures at the **University of Bucharest, Romania**, Dr. Saraswati joined esteemed scholars from over 15 countries to discuss key developments and research in the field of English Studies. The conference provided a valuable platform for cross-cultural exchange.

## Empowering Dreams: Celebrating Student Achievements at DBM

Students of the Department of Business Management (DBM) have recently been securing numerous internships, gaining practical experience and industry exposure across various sectors. These opportunities have allowed students to apply their classroom knowledge to real-world business challenges, enhancing their skills in areas such as marketing, finance, and operations. Internships have also helped students build valuable professional networks and gain insights into potential career paths, bridging the gap between academic learning and the demands of the corporate world.



# Department of Computer Sciences and Engineering

## A Message from the HOD's Desk



**Dr. Brijesh Jajal**  
HoD

Kudos to the IARian Times team for their innovative coverage of activities in the Department of Computer Sciences & Engineering.

The department offers UG courses like B.Tech. in Computer Engineering and IT, IBM-collaborated B.Sc. (Hons) AI & DS, and BCA, along with PG courses like M.Sc. in Data Science and IT, all aligned with NEP 2020 recommendations.

IARian Times serves as a great platform for IAR University stakeholders to share their creative thoughts. We believe education should nurture not just academic knowledge, but also values like self-discipline, compassion, and integrity. Our holistic approach encompasses academics, co-curriculars, sports, and life skills, preparing students to become capable, compassionate individuals who will positively impact the world.

For such initiatives, we are thankful for the dedicated support from the IAR management, Pro-VC & Director-IAR, Registrar, Executive Registrar, Deans, Staff, Students and Parents.

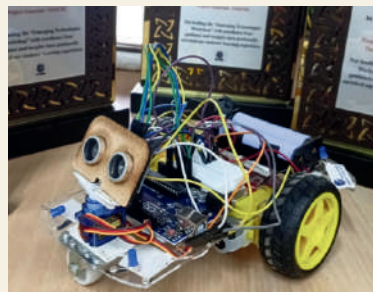
"Be active! Take on responsibility! Work for the things you believe in." - Dr. APJ Abdul Kalam.

## MAJOR HIGHLIGHTS



### INDUSTRY VISITS

DCSE regularly organises industry visits to provide students with practical insights into real-world applications of their studies.



### EMERGING TECHNOLOGIES WORKSHOP

To provide hands-on experience in the fields of robotics, Arduino programming, and AI.



### SIP WITH GARDI UNIVERSITY

DCSE organised **Special Interest Programme** with Mr. Brijmohan Yajnik, Head of the Department of Learning and Development, aimed at equipping students with essential industry-ready skills.



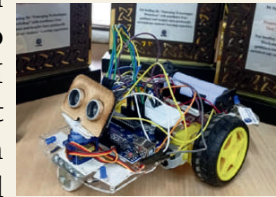
## Securing the Future: A Hands-on Cybersecurity Workshop

DCSE organized a one-day workshop on "Exploring Cybersecurity Pathways through Web and Network Security" on February 5, 2024. Coordinated by Dr. Maitri Patel, the event attracted 30 B.Tech CE/IT/ICT students from semesters 4 and 6. Led by cybersecurity researcher Mr. Raghav Joshi, the workshop covered topics such as cybersecurity vs. information security, phishing techniques, and safeguarding digital assets. Participants gained hands-on experience with tools like Burp Suite and Nmap.



## From Concept to Creation: A Journey into Emerging Technologies

DCSE organised a successful two-day Emerging Technologies Workshop on September 3-4, 2024, providing hands-on experience in robotics, Arduino programming, and AI. Coordinated by Mrs. Divya Dileep and sponsored by KPI Green Energy LTD, the workshop featured expert sessions from professionals at the Vikram A. Sarabhai Community Science Centre. Day 1 involved coding an obstacle-avoiding robotic car and a drone demonstration. Day 2 included advanced coding exercises, troubleshooting, and a Miniconda tutorial.



## Geospatial Intelligence: Unlocking the Power of GIS Mapping

The Department of Computer Science and Engineering (DCSE) at the Institute of Advanced Research (IAR), Gandhinagar, hosted a workshop on "GIS and GIS Mapping" on August 29, 2024. Coordinated by Dr. Darshna Dalvadi, the event featured expert speaker Dr. Shefali Naik from Ahmedabad University and was attended by 26 B.Tech students from the 5th semester. The workshop provided a comprehensive introduction to Geographic Information Systems (GIS) and included both theoretical insights and practical training.

## Unravelling the Universe: Insights from the Advanced LIGO Talk



On August 9, 2024, the STEM Club and the Department of Computer Science and Engineering hosted an educational talk titled "Introduction to Advanced LIGO," delivered by Dr. Suresh Doravari from IUCAA, Pune. He explained LIGO's principles, its role in detecting gravitational waves, and provided an update on the LIGO-India project.

## Five-Day Departmental Student Induction Program

DCSE conducted a five-day Student Induction Program from July 8-12, 2024, for 188 new students, coordinated by Mrs. Divya Dileep. The program included academic introductions, motivational talks, yoga sessions, workshops on algorithm development, and programming exercises, fostering a positive learning environment and equipping students with essential tools for personal and academic growth.

## Building a Strong IP Foundation: IPR Workshop for Start-Ups at IAR

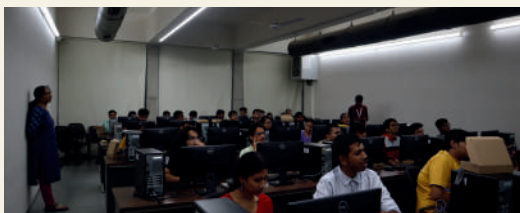
On April 25, 2024, DCSE, held a workshop on "Intellectual Property Rights (IPRs) and IP Management for Start-Ups," coordinated by Dr. Jyotin Kateshia and organized by the Innovation Council. Led by IPR expert Dr. Vishal Vyas, the session covered protecting intellectual assets for startups and included practical exercises, inspiring 91 students to apply IP strategies in their future ventures.

## Empowering Students: Industry-Ready Skills Through SIP at IAR

On August 5-6, 2024, the Department of Computer Sciences and Engineering held a Special Interest Programme (SIP) for IT Semester V and VII students, coordinated by Dr. Sanjay Sonar and Mrs. Upasana Bhillotia, and facilitated by Mr. Brijmohan Yajnik. The two-day training focused on industry-ready skills, covering communication, teamwork, resume building, and interview techniques. Interactive sessions boosted students' confidence and preparedness for the industry, highlighting the value of both technical and soft skills. Participants gave positive feedback, expressing increased confidence in their professional abilities.



## Unlocking Python: A Practical Approach to Advanced Coding



The workshop focuses on both basic and advanced Python programming through hands-on sessions. Students will learn coding techniques, including generating heat maps, creating bots, object identification, and developing custom modules. On Day 1, topics include Python environment, data types, collections, and object-oriented programming. Day 2 covers Python functions, modules, the Django framework, and advanced applications like image processing.

## Building with Docker: Developer's Toolkit

The workshop focuses on both basic and advanced Python programming through hands-on sessions. Students will learn coding techniques, including generating heat maps, creating bots, object identification, and developing custom modules. On Day 1, topics include Python environment, data types, collections, and object-oriented programming. Day 2 covers Python functions, modules, the Django framework, and advanced applications like image processing.



## IAR Students Gain Valuable Insights During Industrial Visit to E-Infochips Pvt. Ltd., Ahmedabad

On August 8, 2024, 7th semester Computer Engineering students from the Institute of Advanced Research (IAR), Gandhinagar, visited E-Infochips Pvt. Ltd. in Ahmedabad. Coordinated by Dr. Zalak Thakker and Dr. Sanjay Sonar, the visit exposed students to real-world applications in digital transformation and product engineering. They learned about production cycles, device creation, and quality assurance while engaging with industry professionals, leaving them motivated to explore tech careers and understand challenges in device development.





## Research Revolution: Transforming Ideas into Reality

The Institute of Advanced Research (IAR) has awarded Seed Grants for three innovative projects. The first project, titled "**Green Cooling: Harnessing Solar Energy for Thermoelectric Refrigeration with Phase Change Materials,**" is led by Dr. Jyotin Kateshia from the Department of Computer Science and Engineering, with Dr. Vishal Vyas as Co-PI. Commencing on January 3, 2024, the project has a total grant of ₹1,15,000, aimed at improving solar energy harnessing in refrigeration through various Phase Change Materials and thermoelectric units.

The second project, **AquaMinder**, focuses on developing an IoT-based water leakage monitoring system to address water scarcity. Led by Dr. Maitri Patel and co-investigator Dr. Jyotin Kateshia, the project has received ₹1,32,800 under IAR's Seed Grant program. The system utilizes IoT technology to detect leaks, monitor water usage, and provide real-time data for efficient water management.

Lastly, Dr. Brijesh Jajal and Mr. Sureshkumar initiated a **Smart Car-Parking System project**, funded with ₹1,00,000 from the IAR Seed Grant. This system aims to optimize parking management using sensors to indicate space availability, facilitating smoother navigation and efficient space utilization on campus. The lab module is developed, and implementation is planned once suitable locations are identified.

## Inspiring Success: Celebrating Faculty Milestones

**Dr. Ahsan Rizvi** has been appointed as a visiting researcher at **Umeå Plant Science Center, SLU Sweden**, receiving funds from the Kempe Foundation. As an Assistant Professor in the Department of Computer Science and Engineering at IAR, he combines AI-driven frameworks with biological data analysis to develop a system for analyzing long noncoding RNAs (lncRNAs) in peanuts for disease prediction, enhancing crop resilience.

**Dr. Sudhir Bhatt** received a grant under the PRAYAAS scheme from the **Ministry of External Affairs** for his project, "Retina Imaging: A Preventive Medicine," in collaboration with two 9th-grade students and their mentor. His proposal is among five approved in India.

**Dr. Sanjay Sonar** has successfully cleared the Maharashtra State Eligibility Test (MH-SET).

## Empowering Dreams: Celebrating Student Achievements at DCSE

**Mohit Pandya**, a **B.Tech Computer Engineering** student, has successfully gained admission to **Monash University** (Australia), for a Master's program in Artificial Intelligence. DCSE students have been selected to pursue their higher studies at many reputed international universities like **University of Maryland College Park, USA**, **Technische Hochschule Deggendorf, Germany**, **Conestoga College, Ontario, Canada**, **Pace University, New York, USA**, **Arizona State University** and **Univeristy of Windsor**.

## Creative Section



At the Institute of Advanced Research, we believe in nurturing not only technical acumen but also the creative spirit that fuels innovation and enriches our community. With this vision in mind, IARian Times is delighted to introduce a dedicated section to feature select works of art, creative expressions, and literary pieces from our talented students, faculty, and staff.

Art and literature hold a unique significance within a technical university. They provide a vital balance, offering fresh perspectives, encouraging imaginative thinking, and cultivating a more holistic educational experience. These expressions allow us to explore diverse ideas, connect with others on a deeper level, and appreciate the beauty and complexity of the world around us.

In future editions of IARian Times, this section will showcase a wide array of artistic and literary creations that reflect the diverse talents within our community. For this inaugural edition, we are thrilled to bring you a few select pieces to begin with. We eagerly look forward to seeing the artistic side of our teaching and non-teaching staff, as well as our students, as they share their unique perspectives and creative expressions with us all.





## Faculty

### An Ode to the City

I remember that day in two-thousand-one,  
When the earth cracked open under the sun,  
And the city we knew, so solid, so tall,  
Crumbling like dust, it began to fall.

In minutes, the parts I used to play were, destroyed,  
The skyline was gone, our worst fears neared,  
Concrete and steel, now silence and dust,  
A ghostly reminder of fragile trust.

This city, it whispers, it haunts and it hides,  
In alleys and corners where loneliness bides,  
A maze of gray towers that can never be home,  
Yet tethered, we roam, never quite alone.

Oh, fickle this place, like a breeze through the air,  
Here today, gone tomorrow, leaving us bare,  
A shelter, a shackle, a sprawling facade,  
Of steel veins and echoes where once we trod.

It holds us, it hurts us, it mocks as we yearn,  
For roots in a place that can twist and turn,  
A home that's not home, yet the only we know,  
Bound to this city, though we're free to go.

In these urban jungles, our souls lay in wait,  
For moments that drift, for futures we shape,  
Haunting, isolating, it shadows our breath,  
A city of ghosts, life, and death.  
In one tremor, it shakes, like the quake of the past,  
Reminding us all, that nothing here lasts,  
For though it's our anchor, this city of stone,  
It's the space in between that feels like home.

Dr. Somanand Saraswati (DBM)

### कोई है

कितना भी कहो तो कम है,  
ऐसा कोई है।  
धरती पे कदम रखते ही, खुशी से झूम जाते हैं,  
ऐसा कोई है।

गिरती हूँ उठाते हैं, कदम बढ़ाती हूँ चलना सिखाते हैं,  
रोती हूँ हसाते हैं,  
बड़े होते ही कदम - से कदम बढ़ा के दौड़ना सिखाते हैं,  
ऐसा कोई है।

सबसे लड़ - झगड़ सकते हैं,  
तुम्हारे हर पल में साथ रहते हैं,  
सबसे अत्यधिक सम्मान करते हैं,  
दुनिया की सारी खुशियाँ देने की ताकत रखते हैं,  
ऐसा कोई है।

हर संघर्ष में साथ देते हैं,  
सबसे मुकाबला करते हैं,  
आँखों में आँशु लिए हुए,  
विदाई कर देते हैं,  
जिनका अमूल्य प्रेम है,  
ऐसा कोई है।

कितना भी कहो तो कम है,  
ऐसा कोई है!.....'पिता'.

डॉ. सुमन रमापति (DBM)

## Faculty

### Divine Harmony: The Shiva and Mandala



By Hardika R.Jadav (DBM)

## Student

### "Lines of Imagination: A Character Unheard"



By Jagjit Singh (BBA Sem-V)

### Ekveera : Mahadev's daughter

In Your loving gaze, I find my home,  
Mahadev, Shakti, my heart's sacred throne.  
As a child, I nestle in Your embrace,  
Grateful for guidance, through life's winding pace.

Your love, a shield , where I hide,  
From the world's disruption, You are my inside.

Ma, Your nurturing touch ignites,  
A flame of courage, in the darkest nights.  
Mahadev, Your wisdom guides me along,  
A gentle father, where wisdom's songs belong.

Your third eye sees, the depths of my soul,  
Lighting paths, to make me whole.

Together, You embody parental love,  
A union of strength, sent from above.  
In Your divine presence, I am free,  
A child of the universe, wild and carefree.

With every breath, I thank You both,  
For the gift of life, and eternal truth.  
I offer myself, a humble child,  
To Your loving care, forever mild.

Om Namah Shivaya, Om Shaktiaye,  
My heart belongs to You, in every way.

By Dhanvi Shah (BBA Sem-I)



# Student Life and Social Outreach

In upcoming editions of IARian Times, we're excited to shine a spotlight on the dynamic student clubs at IAR. This section will showcase the creative endeavors and initiatives led by our talented students. By celebrating the diverse skills and interests within our community, we aim to inspire others to get involved, explore their passions, and contribute to the vibrant campus life at IAR. Whether you're into music, writing, photography, or community service, there's something here for everyone.

## **Avinya, the Research and Innovation Club of IAR**

**Photography & Media Club**

**STEM Club**

**Computer Society & Gaming Club**

**Music & Dance Club**

**Entrepreneurship Club**

**Social Outreach Club**

**Literary and Debate Club**

**RiKriate Club**

**Kalabhoomi Club**

**Environment Club**

**Cyber Club**

**Electoral Literacy Club**



## Empowering Communities: The National Service Scheme

**NSS** The National Service Scheme (NSS) cell at the Institute of Advanced Research (IAR) consists of over 186 dedicated volunteers who actively participate in various community service initiatives. Guided by experienced NSS coordinators, Programme Officers, and IAR Management, these volunteers engage in activities that promote social responsibility and contribute to societal betterment.

### NSS Blood Donation Camp: A Life-Saving Initiative at Raj Bhavan

On July 15, 2024, NSS volunteers participated in a Blood Donation Camp at Raj Bhavan, Gandhinagar, coordinated by Dr. Keval Gandhi. The event promoted social responsibility and highlighted the importance of blood donation, showcasing the youth's commitment to positively impacting their community and fostering a culture of generosity.

### Cleaning the Sabarmati: NSS's Commitment to Swachhta Hi Seva

In honor of Mahatma Gandhi Jayanti, the National Service Scheme (NSS) Cell of our University is organizing the "Swachhata Hi Seva 2024" campaign on October 1, 2024. Coordinated by Dr. Keval Gandhi with Student coordinators Krupansh, Darshan, Refins this initiative will engage over 60 volunteers in a rally to raise awareness about cleanliness at the riverside, focusing on cleaning the river and collecting plastic waste for a cleaner environment.



### NSS IAR Shines at State-Level Pre-RD Selection

For the first time, two students from IAR, Jadeja Meetrajsinh Vikramsinh and Vaishnav Maitri BipinKumar, participated in the state-level Pre-RD selection, guided by NSS coordinator Dr. Keval Gandhi. They competed with representatives from 60 universities across Gujarat, showcasing their skills and performance at this significant event.



### Unity in Service: NSS Day Celebration

On September 24, 2024, a State-level NSS Day celebration was held at Gujarat University, Ahmedabad. Three IAR students—Jajeda Meetrajsinh, Vaishnav Maitri, and Raval Devanshi—represented the university under Dr. Keval Gandhi's guidance, competing with over 60 universities in nine activities, showcasing their talents alongside 30+ participants.

### Rooted in Responsibility: NSS Tree Plantation Event

Under the guidance of coordinator Dr. Keval Gandhi, the NSS organized a tree plantation drive to promote a greener environment. More than 100 trees were planted, with each participant contributing five trees. This initiative aims to enhance our surroundings and foster a sense of responsibility towards nature and sustainability.





## Student Startup and Innovation Policy

The Student Startup and Innovation Policy fosters entrepreneurship by supporting student startups. At IAR's SSIP Cell, students are educated about the program, receiving assistance at the Proof of Concept stage, patent filing, incubation space, seed funding, and mentorship. Workshops and seminars enhance skills and knowledge, promoting innovation and collaboration among students and industry experts.

### Empowering Entrepreneurs: Vision to Victory Workshop

On September 13, 2024, the Department of Computer Sciences and Engineering at IAR, in collaboration with SSIP, hosted an expert session titled “Vision to Victory: The Entrepreneur’s Path.” Led by Mr. Jenil Thakker, founder and CEO of Coinvise, the session provided insights into blockchain technology and cryptocurrencies. Participants expressed satisfaction, gaining valuable knowledge and practical strategies for launching successful fintech startups.



### Code for a Better Tomorrow: Smart India Hackathon 2024



The Smart India Hackathon 2024, held from August 22 to September 6, focused on fostering innovation and problem-solving skills in students. The event emphasized transforming the biotech industry through digital innovations, integrating data from genomics to patient care. Spanning three days, the competition featured Hardware and Software categories, encouraging teamwork and hands-on training to tackle real-world problems and promote a culture of product innovation.

### Celebrating Trailblazers: An Expert Discussion on World Entrepreneurs Day

On August 22, 2024, the World Entrepreneurship Day Celebration, featuring an expert talk by Dr. Jyotin Kateshia, was held at the university campus. The event successfully celebrated and advanced the entrepreneurial spirit, offering valuable insights into contemporary challenges and opportunities in entrepreneurship. Participants engaged in meaningful discussions and benefited from a networking session that fostered valuable connections and collaborations. Overall, the event achieved its goals of inspiring and educating entrepreneurs while receiving positive feedback from attendees, highlighting its impact on the entrepreneurial community.



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Biotechnology and  
Bioengineering



**Dr. Somanand Saraswati**

Departmental Editor,  
Department of Business  
and Management



**Ms. Divya Dileep**

Departmental Editor,  
Department of Computer  
Sciences and Engineering

## Student Editors



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Engineering) 7th sem

Student Editor



**Deepak Choudhary**

B.Tech (Biotech)  
3rd sem

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The Institute of Advanced Research celebrated Navratri with vibrant enthusiasm. Students, faculty, and staff gathered to honor the festival with traditional garba dances, colorful attire, and music. The campus was beautifully adorned, creating a festive atmosphere that brought everyone together, showcasing the spirit of unity and cultural diversity at IAR.

AN EVENT BY IAR CULTURAL COMMITTEE

